

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	12/28/2007 14:16	8.44	48.378	31.26	9.21	7.73	6.8	2.92
1	12/28/2007 14:31	8.46	48.468	31.32	9.06	7.74	6.7	2.94
2	12/28/2007 14:46	8.39	48.219	31.14	8.98	7.74	8.6	2.95
3	12/28/2007 15:01	8.48	48.670	31.47	8.83	7.75	8.6	2.94
4	12/28/2007 15:16	8.48	48.645	31.45	8.8	7.76	7.2	2.93
5	12/28/2007 15:31	8.43	48.406	31.28	8.81	7.77	8.1	2.86
6	12/28/2007 15:46	8.22	47.392	30.54	9.05	7.78	9.1	2.82
7	12/28/2007 16:01	8.21	47.300	30.47	8.97	7.78	7.4	2.76
8	12/28/2007 16:16	8.12	46.991	30.24	9.01	7.78	8.5	2.65
9	12/28/2007 16:31	8.12	47.042	30.28	9.02	7.78	10.2	2.56
10	12/28/2007 16:46	8.05	46.760	30.07	9.04	7.78	8.0	2.49
11	12/28/2007 17:01	8.03	46.817	30.11	9.06	7.78	8.8	2.37
12	12/28/2007 17:16	8	46.660	30	9.08	7.79	8.2	2.26
13	12/28/2007 17:31	7.95	46.525	29.9	9.11	7.78	9.8	2.15
14	12/28/2007 17:46	7.89	46.193	29.66	9.15	7.78	10.2	2.04
15	12/28/2007 18:01	7.77	45.633	29.25	9.21	7.78	12.6	1.93
16	12/28/2007 18:16	7.76	45.592	29.22	9.22	7.78	10.0	1.81
17	12/28/2007 18:31	7.73	45.497	29.15	9.21	7.77	10.2	1.68
18	12/28/2007 18:46	7.6	44.898	28.72	9.25	7.77	10.5	1.58
19	12/28/2007 19:01	7.51	44.537	28.45	9.28	7.76	10.4	1.45
20	12/28/2007 19:16	7.44	44.272	28.26	9.3	7.76	11.2	1.30
21	12/28/2007 19:31	7.4	44.120	28.15	9.29	7.75	12.5	1.20
22	12/28/2007 19:46	7.34	43.905	27.99	9.32	7.75	12.8	1.12
23	12/28/2007 20:01	7.31	43.796	27.92	9.31	7.74	12.7	1.01
24	12/28/2007 20:16	7.29	43.737	27.87	9.27	7.74	10.6	0.94
25	12/28/2007 20:31	7.3	43.678	27.83	9.26	7.73	10.1	0.88
26	12/28/2007 20:46	7.26	43.631	27.8	9.2	7.73	10.7	0.85
27	12/28/2007 21:01	7.32	43.748	27.88	9.24	7.74	10.6	0.84
28	12/28/2007 21:16	7.4	44.057	28.11	9.25	7.74	9.6	0.87
29	12/28/2007 21:31	7.37	44.000	28.06	9.29	7.74	9.7	0.91
30	12/28/2007 21:46	7.42	44.102	28.14	9.25	7.74	10.2	0.93
31	12/28/2007 22:01	7.41	44.089	28.13	9.27	7.74	8.7	1.01
32	12/28/2007 22:16	7.38	43.280	27.56	9.34	7.73	9.4	1.10
33	12/28/2007 22:31	7.39	43.258	27.54	9.33	7.73	9.0	1.14
34	12/28/2007 22:46	7.41	43.261	27.55	9.34	7.73	10.2	1.22
35	12/28/2007 23:01	7.44	43.452	27.68	9.33	7.73	8.5	1.31
36	12/28/2007 23:16	7.45	43.535	27.74	9.33	7.73	17.0	1.39
37	12/28/2007 23:31	7.49	43.613	27.8	9.33	7.73	11.8	1.47
38	12/28/2007 23:46	7.53	43.421	27.67	9.35	7.73	10.7	1.56
39	12/29/2007 00:01	7.57	43.598	27.8	9.37	7.73	9.1	1.67
40	12/29/2007 00:16	7.7	44.779	28.64	9.31	7.74	9.3	1.77
41	12/29/2007 00:31	7.73	45.053	28.84	9.3	7.75	9.9	1.86
42	12/29/2007 00:46	7.7	45.098	28.87	9.31	7.74	10.1	1.95
43	12/29/2007 01:01	7.75	45.323	29.03	9.31	7.75	11.3	2.05
44	12/29/2007 01:16	7.81	45.411	29.09	9.32	7.75	12.3	2.14

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			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
45	12/29/2007 01:31	7.9	45.913	29.46	9.3	7.75	19.0	2.23
46	12/29/2007 01:46	7.97	46.177	29.65	9.31	7.76	18.8	2.32
47	12/29/2007 02:01	8.03	46.530	29.91	9.29	7.76	21.2	2.41
48	12/29/2007 02:16	8.12	46.879	30.16	9.28	7.76	32.5	2.51
49	12/29/2007 02:31	8.26	47.573	30.67	9.26	7.77	17.8	2.60
50	12/29/2007 02:46	8.38	48.138	31.08	9.24	7.78	18.4	2.68
51	12/29/2007 03:01	8.47	48.494	31.34	9.22	7.78	35.5	2.77
52	12/29/2007 03:16	8.52	48.672	31.48	9.19	7.78	14.4	2.84
53	12/29/2007 03:31	8.56	48.871	31.62	9.16	7.78	14.7	2.89
54	12/29/2007 03:46	8.6	49.010	31.72	9.13	7.78	11.2	2.96
55	12/29/2007 04:01	8.68	49.279	31.92	9.14	7.79	8.8	3.00
56	12/29/2007 04:16	8.69	49.304	31.94	9.08	7.78	6.8	3.02
57	12/29/2007 04:31	8.69	49.304	31.94	9.1	7.78	8.6	3.03
58	12/29/2007 04:46	8.67	49.289	31.93	9.09	7.78	8.9	3.04
59	12/29/2007 05:01	8.71	49.343	31.97	9.07	7.78	8.8	2.99
60	12/29/2007 05:16	8.47	48.431	31.3	9.11	7.77	9.1	2.92
61	12/29/2007 05:31	8.25	47.532	30.64	9.19	7.76	10.7	2.85
62	12/29/2007 05:46	8.26	47.494	30.61	9.17	7.76	9.7	2.81
63	12/29/2007 06:01	8.18	47.122	30.34	9.2	7.75	9.5	2.71
64	12/29/2007 06:16	8.21	47.258	30.44	9.22	7.76	11.3	2.60
65	12/29/2007 06:31	8.14	46.822	30.12	9.2	7.75	8.5	2.53
66	12/29/2007 06:46	8.15	46.910	30.19	9.19	7.75	8.0	2.47
67	12/29/2007 07:01	8.08	46.575	29.94	9.23	7.75	8.5	2.37
68	12/29/2007 07:16	8.07	46.288	29.74	9.24	7.74	9.3	2.27
69	12/29/2007 07:31	7.96	45.944	29.49	9.27	7.74	7.5	2.22
70	12/29/2007 07:46	7.95	45.868	29.43	9.26	7.73	8.2	2.15
71	12/29/2007 08:01	7.84	45.314	29.03	9.29	7.74	7.6	2.06
72	12/29/2007 08:16	7.86	45.371	29.07	9.27	7.74	7.2	2.02
73	12/29/2007 08:31	7.84	45.275	29	9.24	7.73	6.8	1.93
74	12/29/2007 08:46	7.77	44.899	28.73	9.26	7.73	6.6	1.90
75	12/29/2007 09:01	7.77	44.877	28.71	9.22	7.73	6.2	1.84
76	12/29/2007 09:16	7.77	44.850	28.7	9.22	7.72	6.3	1.80
77	12/29/2007 09:31	7.74	44.733	28.61	9.21	7.72	6.0	1.77
78	12/29/2007 09:46	7.72	44.582	28.5	9.21	7.72	6.1	1.75
79	12/29/2007 10:01	7.76	44.635	28.54	9.14	7.71	5.9	1.77
80	12/29/2007 10:16	7.74	44.329	28.32	9.19	7.71	5.7	1.78
81	12/29/2007 10:31	7.75	44.438	28.4	9.21	7.71	5.7	1.80
82	12/29/2007 10:46	7.8	45.015	28.81	9.2	7.72	6.2	1.82
83	12/29/2007 11:01	7.79	44.638	28.55	9.21	7.72	6.9	1.90
84	12/29/2007 11:16	7.8	44.472	28.43	9.23	7.71	7.1	1.94
85	12/29/2007 11:31	7.83	44.633	28.55	9.23	7.72	7.1	1.99
86	12/29/2007 11:46	7.86	44.739	28.62	9.23	7.72	7.2	2.05
87	12/29/2007 12:01	7.97	45.833	29.41	9.19	7.73	7.1	2.12
88	12/29/2007 12:16	7.99	45.711	29.32	9.19	7.73	7.3	2.16
89	12/29/2007 12:31	8.03	45.959	29.5	9.2	7.73	6.8	2.25

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	12/29/2007 12:46	8.09	46.114	29.62	9.19	7.74	6.9	2.28
91	12/29/2007 13:01	8.14	46.237	29.71	9.21	7.74	6.8	2.36
92	12/29/2007 13:16	8.2	46.444	29.86	9.23	7.74	6.8	2.41
93	12/29/2007 13:31	8.25	46.520	29.92	9.21	7.75	6.5	2.43
94	12/29/2007 13:46	8.3	46.552	29.94	9.21	7.75	6.0	2.49
95	12/29/2007 14:01	8.34	47.055	30.31	9.18	7.75	6.3	2.58
96	12/29/2007 14:16	8.37	47.395	30.55	9.15	7.75	6.0	2.60
97	12/29/2007 14:31	8.37	47.535	30.65	9.1	7.75	5.9	2.65
98	12/29/2007 14:46	8.4	47.582	30.69	9.1	7.76	5.4	2.71
99	12/29/2007 15:01	8.4	47.651	30.74	9.05	7.75	5.1	2.72
100	12/29/2007 15:16	8.39	47.638	30.73	8.87	7.74	3.4	2.76
101	12/29/2007 15:31	8.39	47.731	30.79	9.08	7.75	6.5	2.76
102	12/29/2007 15:46	8.39	47.726	30.79	9.08	7.75	6.3	2.77
103	12/29/2007 16:01	8.39	47.681	30.76	9.09	7.75	6.4	2.75
104	12/29/2007 16:16	8.38	47.610	30.7	9.11	7.75	6.8	2.72
105	12/29/2007 16:31	8.37	47.401	30.55	9.13	7.75	8.1	2.69
106	12/29/2007 16:46	8.3	47.041	30.29	9.18	7.75	7.4	2.62
107	12/29/2007 17:01	8.27	46.893	30.18	9.18	7.75	7.0	2.56
108	12/29/2007 17:16	8.26	46.612	29.98	9.2	7.75	7.3	2.49
109	12/29/2007 17:31	8.24	46.335	29.78	9.21	7.74	7.1	2.40
110	12/29/2007 17:46	8.36	46.194	29.69	9.34	7.76	7.6	2.29
111	12/29/2007 18:01	8.31	46.253	29.73	9.3	7.75	7.6	2.23
112	12/29/2007 18:16	8.15	45.604	29.26	9.3	7.74	9.3	2.14
113	12/29/2007 18:31	8.13	45.515	29.19	9.27	7.73	12.6	2.03
114	12/29/2007 18:46	8.08	45.246	29	9.27	7.73	9.8	1.94
115	12/29/2007 19:01	8.01	44.907	28.75	9.3	7.72	9.3	1.86
116	12/29/2007 19:16	8.02	45.001	28.82	9.27	7.72	9.9	1.77
117	12/29/2007 19:31	7.97	44.717	28.62	9.29	7.72	10.2	1.65
118	12/29/2007 19:46	7.94	44.308	28.33	9.3	7.71	9.8	1.55
119	12/29/2007 20:01	7.9	44.064	28.15	9.3	7.71	23.2	1.48
120	12/29/2007 20:16	7.89	43.842	27.99	9.31	7.71	9.6	1.40
121	12/29/2007 20:31	7.89	43.839	27.99	9.29	7.7	10.3	1.29
122	12/29/2007 20:46	7.87	43.766	27.94	9.24	7.7	9.6	1.26
123	12/29/2007 21:01	7.86	43.672	27.87	9.21	7.7	9.3	1.19
124	12/29/2007 21:16	7.84	43.597	27.82	9.17	7.7	7.5	1.14
125	12/29/2007 21:31	7.86	43.625	27.84	9.08	7.69	6.2	1.14
126	12/29/2007 21:46	7.87	43.838	27.99	9.21	7.7	7.0	1.15
127	12/29/2007 22:01	7.88	43.895	28.03	9.19	7.7	7.2	1.14
128	12/29/2007 22:16	7.84	43.694	27.89	9.28	7.7	6.7	1.19
129	12/29/2007 22:31	7.85	43.702	27.89	9.26	7.7	6.3	1.21
130	12/29/2007 22:46	7.87	43.844	27.99	9.21	7.7	7.2	1.28
131	12/29/2007 23:01	7.87	43.520	27.77	9.24	7.7	7.2	1.36
132	12/29/2007 23:16	7.9	43.522	27.77	9.22	7.7	7.1	1.40
133	12/29/2007 23:31	7.9	43.557	27.79	9.23	7.7	7.1	1.48
134	12/29/2007 23:46	7.92	43.699	27.89	9.2	7.7	6.9	1.56

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	12/30/2007 00:01	7.92	43.996	28.1	9.19	7.7	7.0	1.65
136	12/30/2007 00:16	8	43.790	27.97	9.2	7.71	7.3	1.70
137	12/30/2007 00:31	8.04	44.159	28.23	9.16	7.71	8.5	1.80
138	12/30/2007 00:46	8.05	43.996	28.11	9.2	7.71	7.6	1.88
139	12/30/2007 01:01	8.07	44.991	28.82	9.15	7.71	8.0	1.96
140	12/30/2007 01:16	8.06	45.163	28.94	9.14	7.72	9.0	2.04
141	12/30/2007 01:31	8.06	45.289	29.03	9.12	7.72	8.5	2.13
142	12/30/2007 01:46	8.1	45.533	29.21	9.13	7.72	9.4	2.22
143	12/30/2007 02:01	8.13	45.673	29.31	9.13	7.73	10.4	2.31
144	12/30/2007 02:16	8.17	45.828	29.42	9.13	7.73	11.4	2.40
145	12/30/2007 02:31	8.2	45.455	29.16	9.15	7.73	11.5	2.48
146	12/30/2007 02:46	8.26	46.266	29.74	9.1	7.74	11.7	2.56
147	12/30/2007 03:01	8.3	46.490	29.9	9.1	7.74	11.7	2.63
148	12/30/2007 03:16	8.35	46.774	30.11	9.09	7.74	12.6	2.72
149	12/30/2007 03:31	8.46	47.389	30.55	9.14	7.75	11.9	2.79
150	12/30/2007 03:46	8.53	47.817	30.86	9.16	7.76	11.9	2.85
151	12/30/2007 04:01	8.6	48.147	31.11	9.14	7.76	9.6	2.92
152	12/30/2007 04:16	8.61	48.281	31.2	9.15	7.76	7.5	2.98
153	12/30/2007 04:31	8.64	48.381	31.28	9.15	7.77	7.0	3.01
154	12/30/2007 04:46	8.66	48.463	31.34	9.09	7.77	5.7	3.04
155	12/30/2007 05:01	8.64	48.408	31.3	9.07	7.76	6.9	3.04
156	12/30/2007 05:16	8.71	48.706	31.52	9.14	7.77	8.1	3.03
157	12/30/2007 05:31	8.56	48.039	31.02	9.09	7.76	7.2	3.01
158	12/30/2007 05:46	8.58	48.280	31.2	9.1	7.76	9.3	2.97
159	12/30/2007 06:01	8.16	46.474	29.88	9.11	7.73	8.0	2.90
160	12/30/2007 06:16	8.29	46.924	30.21	9.11	7.74	7.7	2.84
161	12/30/2007 06:31	8.28	46.691	30.04	9.1	7.74	9.4	2.78
162	12/30/2007 06:46	8.16	46.198	29.68	9.1	7.73	11.1	2.70
163	12/30/2007 07:01	8.16	46.163	29.66	9.06	7.73	8.4	2.61
164	12/30/2007 07:16	8.08	45.915	29.47	9.07	7.72	7.9	2.52
165	12/30/2007 07:31	8.09	46.018	29.55	9.07	7.72	7.0	2.45
166	12/30/2007 07:46	8.02	45.675	29.3	9.1	7.72	6.6	2.37
167	12/30/2007 08:01	8.01	45.559	29.22	9.1	7.71	7.9	2.27
168	12/30/2007 08:16	7.98	45.420	29.11	9.12	7.71	8.2	2.22
169	12/30/2007 08:31	7.9	44.743	28.63	9.13	7.71	6.6	2.13
170	12/30/2007 08:46	7.89	44.977	28.79	9.12	7.7	6.2	2.06
171	12/30/2007 09:01	7.84	44.551	28.49	9.14	7.7	7.1	2.00
172	12/30/2007 09:16	7.8	44.222	28.25	9.14	7.7	5.8	1.93
173	12/30/2007 09:31	7.78	44.191	28.23	9.16	7.7	5.7	1.85
174	12/30/2007 09:46	7.77	44.049	28.13	9.2	7.7	5.6	1.82
175	12/30/2007 10:01	7.76	43.969	28.07	9.22	7.7	5.7	1.76
176	12/30/2007 10:16	7.77	43.946	28.06	9.22	7.7	5.5	1.71
177	12/30/2007 10:31	7.75	43.764	27.93	9.11	7.69	5.1	1.70
178	12/30/2007 10:46	7.8	44.070	28.15	9.06	7.69	3.8	1.64
179	12/30/2007 11:01	7.89	44.054	28.14	9.15	7.7	5.0	1.65

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			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
180	12/30/2007 11:16	7.88	43.749	27.93	9.19	7.69	4.7	1.66
181	12/30/2007 11:31	7.89	43.530	27.77	9.18	7.69	5.0	1.68
182	12/30/2007 11:46	7.9	44.126	28.19	9.15	7.7	5.4	1.71
183	12/30/2007 12:01	7.87	44.239	28.27	9.12	7.69	5.3	1.75
184	12/30/2007 12:16	7.97	43.649	27.86	9.17	7.69	5.4	1.79
185	12/30/2007 12:31	7.92	44.012	28.12	9.14	7.69	5.8	1.86
186	12/30/2007 12:46	7.9	44.106	28.18	9.12	7.69	5.9	1.92
187	12/30/2007 13:01	7.91	44.284	28.31	9.09	7.69	5.4	1.94
188	12/30/2007 13:16	7.93	44.470	28.44	9.08	7.69	5.4	2.00
189	12/30/2007 13:31	7.97	44.551	28.5	9.09	7.7	5.7	2.05
190	12/30/2007 13:46	8.02	44.847	28.71	9.07	7.7	5.8	2.11
191	12/30/2007 14:01	8.07	45.177	28.95	9.07	7.7	5.2	2.16
192	12/30/2007 14:16	8.08	45.330	29.06	9.08	7.71	5.5	2.19
193	12/30/2007 14:31	8.11	45.443	29.14	9.1	7.71	5.5	2.23
194	12/30/2007 14:46	8.14	45.478	29.17	9.11	7.71	5.2	2.28
195	12/30/2007 15:01	8.16	45.453	29.15	9.12	7.71	5.5	2.31
196	12/30/2007 15:16	8.18	45.755	29.37	9.08	7.71	5.2	2.35
197	12/30/2007 15:31	8.2	45.797	29.4	9.14	7.72	5.3	2.41
198	12/30/2007 15:46	8.23	45.775	29.39	9.12	7.72	5.3	2.42
199	12/30/2007 16:01	8.34	45.475	29.18	9.32	7.75	5.2	2.44
200	12/30/2007 16:16	8.32	45.522	29.21	9.27	7.74	4.3	2.45
201	12/30/2007 16:31	8.26	45.728	29.35	9.2	7.73	4.7	2.46
202	12/30/2007 16:46	8.27	45.731	29.36	9.05	7.72	5.5	2.48
203	12/30/2007 17:01	8.28	45.143	28.94	9.3	7.74	4.6	2.45
204	12/30/2007 17:16	8.22	45.686	29.32	9.1	7.72	6.3	2.45
205	12/30/2007 17:31	8.19	45.959	29.51	9.04	7.71	6.9	2.42
206	12/30/2007 17:46	8.17	45.632	29.28	9.07	7.71	7.1	2.34
207	12/30/2007 18:01	8.15	45.693	29.32	9.04	7.71	6.1	2.34
208	12/30/2007 18:16	8.11	45.174	28.95	9.17	7.71	8.5	2.26
209	12/30/2007 18:31	8.03	44.667	28.59	9.35	7.72	9.7	2.22
210	12/30/2007 18:46	8.02	44.493	28.46	9.41	7.73	9.8	2.14
211	12/30/2007 19:01	7.98	44.370	28.37	9.41	7.73	9.4	2.08
212	12/30/2007 19:16	7.88	44.325	28.33	9.38	7.72	11.6	2.01
213	12/30/2007 19:31	7.85	44.010	28.11	9.31	7.69	13.3	1.93
214	12/30/2007 19:46	7.87	43.888	28.02	9.32	7.69	13.3	1.87
215	12/30/2007 20:01	7.88	43.869	28.01	9.35	7.7	12.3	1.78
216	12/30/2007 20:16	7.87	43.870	28.01	9.35	7.7	11.9	1.73
217	12/30/2007 20:31	7.86	43.752	27.93	9.4	7.71	12.0	1.65
218	12/30/2007 20:46	7.85	43.657	27.86	9.42	7.71	10.4	1.60
219	12/30/2007 21:01	7.84	43.559	27.79	9.47	7.72	10.3	1.55
220	12/30/2007 21:16	7.84	43.510	27.76	9.49	7.72	11.0	1.50
221	12/30/2007 21:31	7.86	43.407	27.68	9.47	7.72	9.4	1.44
222	12/30/2007 21:46	7.77	43.437	27.7	9.49	7.72	9.0	1.44
223	12/30/2007 22:01	7.68	43.255	27.56	9.45	7.72	9.6	1.40
224	12/30/2007 22:16	7.76	43.383	27.66	9.35	7.71	6.8	1.40

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	12/30/2007 22:31	7.86	43.547	27.78	9.36	7.71	8.7	1.41
226	12/30/2007 22:46	7.6	43.389	27.65	9.55	7.72	9.6	1.42
227	12/30/2007 23:01	7.64	43.433	27.69	9.48	7.72	8.2	1.44
228	12/30/2007 23:16	7.75	43.540	27.77	9.44	7.71	9.2	1.46
229	12/30/2007 23:31	7.81	43.665	27.86	9.37	7.7	10.0	1.53
230	12/30/2007 23:46	7.83	43.753	27.93	9.36	7.7	14.2	1.57
231	12/31/2007 00:01	7.85	43.697	27.89	9.31	7.69	9.9	1.59
232	12/31/2007 00:16	7.88	43.778	27.95	9.27	7.69	9.1	1.69
233	12/31/2007 00:31	7.91	43.921	28.05	9.26	7.69	12.1	1.77
234	12/31/2007 00:46	7.92	43.797	27.96	9.26	7.69	14.1	1.77
235	12/31/2007 01:01	7.96	43.938	28.07	9.26	7.69	9.9	1.86
236	12/31/2007 01:16	7.98	44.153	28.22	9.25	7.69	10.7	1.96
237	12/31/2007 01:31	8.02	44.178	28.24	9.26	7.69	10.1	2.04
238	12/31/2007 01:46	8.03	44.142	28.22	9.27	7.69	9.2	2.13
239	12/31/2007 02:01	8.05	44.529	28.49	9.26	7.7	8.5	2.18
240	12/31/2007 02:16	8.1	44.671	28.59	9.26	7.7	7.7	2.25
241	12/31/2007 02:31	8.12	44.765	28.66	9.26	7.71	8.1	2.32
242	12/31/2007 02:46	8.08	44.918	28.77	9.27	7.71	7.9	2.40
243	12/31/2007 03:01	8.05	45.012	28.83	9.27	7.71	7.9	2.47
244	12/31/2007 03:16	8.28	46.257	29.73	9.19	7.71	8.9	2.57
245	12/31/2007 03:31	8.35	46.571	29.96	9.18	7.72	11.5	2.65
246	12/31/2007 03:46	8.21	45.914	29.48	9.25	7.72	10.4	2.68
247	12/31/2007 04:01	8.43	47.077	30.33	9.26	7.73	10.1	2.76
248	12/31/2007 04:16	8.47	47.322	30.51	9.3	7.73	11.3	2.82
249	12/31/2007 04:31	8.46	47.444	30.59	9.29	7.74	9.1	2.89
250	12/31/2007 04:46	8.5	47.787	30.84	9.32	7.74	8.3	2.92
251	12/31/2007 05:01	8.53	48.053	31.03	9.33	7.74	8.3	2.96
252	12/31/2007 05:16	8.55	48.200	31.14	9.37	7.74	7.1	3.00
253	12/31/2007 05:31	8.56	48.228	31.16	9.36	7.74	8.0	3.03
254	12/31/2007 05:46	8.53	48.067	31.04	9.35	7.74	8.2	3.02
255	12/31/2007 06:01	8.57	48.341	31.24	9.44	7.74	7.9	3.04
256	12/31/2007 06:16	8.56	48.294	31.21	9.37	7.74	7.3	3.00
257	12/31/2007 06:31	8.49	48.081	31.05	9.4	7.74	9.0	2.96
258	12/31/2007 06:46	7.91	46.424	29.82	9.31	7.72	8.8	2.91
259	12/31/2007 07:01	7.79	45.818	29.38	9.31	7.71	7.5	2.84
260	12/31/2007 07:16	8.16	46.711	30.05	9.25	7.71	10.1	2.74
261	12/31/2007 07:31	8.08	46.369	29.8	9.25	7.71	10.5	2.68
262	12/31/2007 07:46	7.95	45.913	29.46	9.21	7.7	7.3	2.58
263	12/31/2007 08:01	7.8	45.562	29.2	9.27	7.7	6.8	2.52
264	12/31/2007 08:16	7.69	45.568	29.2	9.12	7.69	6.3	2.43
265	12/31/2007 08:31	7.66	45.382	29.06	9.21	7.69	5.9	2.37
266	12/31/2007 08:46	7.63	45.307	29.01	9.25	7.7	6.6	2.30
267	12/31/2007 09:01	7.56	45.209	28.93	9.28	7.69	6.9	2.23
268	12/31/2007 09:16	7.48	44.692	28.56	9.33	7.7	7.2	2.14
269	12/31/2007 09:31	7.46	44.425	28.37	9.33	7.69	6.5	2.05

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	12/31/2007 09:46	7.43	44.201	28.21	9.33	7.69	6.8	1.99
271	12/31/2007 10:01	7.4	44.154	28.17	9.38	7.69	6.5	1.92
272	12/31/2007 10:16	7.38	44.198	28.2	9.48	7.7	6.4	1.86
273	12/31/2007 10:31	7.38	44.067	28.11	9.52	7.71	6.5	1.75
274	12/31/2007 10:46	7.38	43.991	28.06	9.61	7.71	6.5	1.67
275	12/31/2007 11:01	7.36	43.777	27.91	9.54	7.71	5.9	1.67
276	12/31/2007 11:16	7.41	43.846	27.96	9.53	7.71	5.5	1.63
277	12/31/2007 11:31	7.4	43.632	27.81	9.59	7.71	6.1	1.53
278	12/31/2007 11:46	7.48	44.018	28.09	9.43	7.71	5.0	1.54
279	12/31/2007 12:01	7.55	44.192	28.21	9.39	7.7	5.8	1.56
280	12/31/2007 12:16	7.61	43.844	27.97	9.47	7.7	5.8	1.55
281	12/31/2007 12:31	7.63	43.525	27.75	9.49	7.7	5.5	1.56
282	12/31/2007 12:46	7.54	44.099	28.15	9.36	7.7	5.5	1.59
283	12/31/2007 13:01	7.72	43.782	27.94	9.45	7.7	5.9	1.60
284	12/31/2007 13:16	7.56	43.995	28.07	9.34	7.69	5.5	1.68
285	12/31/2007 13:31	7.52	43.657	27.83	9.31	7.69	6.3	1.70
286	12/31/2007 13:46	7.53	43.882	27.99	9.31	7.69	6.0	1.74
287	12/31/2007 14:01	7.52	43.884	27.99	9.29	7.68	5.8	1.80
288	12/31/2007 14:16	7.53	44.003	28.08	9.27	7.68	5.8	1.81
289	12/31/2007 14:31	7.55	43.994	28.07	9.26	7.68	5.7	1.87
290	12/31/2007 14:46	7.6	44.326	28.31	9.23	7.69	5.6	1.91
291	12/31/2007 15:01	7.64	44.592	28.5	9.19	7.69	5.7	1.95
292	12/31/2007 15:16	7.62	44.330	28.32	9.24	7.69	6.5	2.00
293	12/31/2007 15:31	7.68	44.613	28.52	9.23	7.69	5.5	2.03
294	12/31/2007 15:46	7.74	44.993	28.79	9.21	7.69	5.5	2.08
295	12/31/2007 16:01	7.81	45.099	28.87	9.24	7.69	5.5	2.12
296	12/31/2007 16:16	7.86	45.243	28.98	9.22	7.7	5.6	2.15
297	12/31/2007 16:31	7.91	45.306	29.03	9.24	7.7	5.2	2.19
298	12/31/2007 16:46	7.95	45.470	29.15	9.24	7.7	5.7	2.24
299	12/31/2007 17:01	7.97	45.612	29.25	9.24	7.7	5.4	2.26
300	12/31/2007 17:16	8	45.847	29.42	9.19	7.7	4.4	2.28
301	12/31/2007 17:31	8.01	45.934	29.48	9.21	7.7	4.5	2.31
302	12/31/2007 17:46	8.02	46.020	29.54	9.18	7.7	4.0	2.31
303	12/31/2007 18:01	8.01	46.017	29.54	9.09	7.69	3.7	2.32
304	12/31/2007 18:16	8	46.078	29.58	9.05	7.69	4.0	2.33
305	12/31/2007 18:31	7.97	45.921	29.47	9.13	7.7	4.7	2.31
306	12/31/2007 18:46	7.97	45.821	29.4	9.11	7.69	4.0	2.28
307	12/31/2007 19:01	7.95	45.721	29.33	9.15	7.69	5.0	2.24
308	12/31/2007 19:16	7.94	45.689	29.3	9.17	7.69	5.2	2.22
309	12/31/2007 19:31	7.89	45.533	29.19	9.19	7.69	8.1	2.18
310	12/31/2007 19:46	7.89	45.353	29.06	9.21	7.69	5.9	2.11
311	12/31/2007 20:01	7.87	45.027	28.83	9.33	7.71	5.6	2.05
312	12/31/2007 20:16	7.87	44.816	28.68	9.42	7.71	6.0	2.00
313	12/31/2007 20:31	7.8	44.506	28.45	9.4	7.71	5.1	1.94
314	12/31/2007 20:46	7.65	44.024	28.1	9.4	7.7	5.2	1.88

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
315	12/31/2007 21:01	7.58	43.850	27.97	9.37	7.7	5.3	1.83
316	12/31/2007 21:16	7.51	43.769	27.91	9.35	7.69	5.9	1.78
317	12/31/2007 21:31	7.51	43.820	27.95	9.33	7.69	5.6	1.74
318	12/31/2007 21:46	7.55	43.942	28.04	9.24	7.68	6.3	1.69
319	12/31/2007 22:01	7.52	43.951	28.04	9.2	7.68	4.6	1.66
320	12/31/2007 22:16	7.54	43.924	28.02	9.11	7.68	4.1	1.64
321	12/31/2007 22:31	7.61	44.153	28.19	9.18	7.68	4.8	1.62
322	12/31/2007 22:46	7.49	43.624	27.81	9.34	7.7	5.3	1.61
323	12/31/2007 23:01	7.37	43.429	27.66	9.45	7.7	5.4	1.61
324	12/31/2007 23:16	7.25	43.274	27.54	9.61	7.72	5.0	1.63
325	12/31/2007 23:31	7.36	43.520	27.73	9.51	7.71	5.3	1.64
326	12/31/2007 23:46	7.66	44.180	28.21	9.28	7.69	5.7	1.66
327	1/1/2008 00:01	7.55	43.829	27.96	9.39	7.7	5.5	1.71
328	1/1/2008 00:16	7.62	44.051	28.12	9.33	7.69	5.7	1.73
329	1/1/2008 00:31	7.65	44.143	28.19	9.32	7.69	5.2	1.77
330	1/1/2008 00:46	7.7	44.280	28.29	9.32	7.69	5.3	1.81
331	1/1/2008 01:01	7.76	44.624	28.53	9.26	7.69	5.5	1.85
332	1/1/2008 01:16	7.85	45.076	28.86	9.26	7.69	5.7	1.91
333	1/1/2008 01:31	7.89	45.221	28.97	9.27	7.69	6.0	1.96
334	1/1/2008 01:46	7.87	45.097	28.88	9.28	7.69	5.5	2.02
335	1/1/2008 02:01	7.84	44.940	28.76	9.3	7.69	6.0	2.08
336	1/1/2008 02:16	7.81	44.817	28.67	9.32	7.7	6.7	2.14
337	1/1/2008 02:31	7.84	45.077	28.86	9.35	7.7	6.0	2.21
338	1/1/2008 02:46	7.79	44.998	28.8	9.38	7.7	6.3	2.27
339	1/1/2008 03:01	7.79	45.184	28.93	9.42	7.7	5.5	2.34
340	1/1/2008 03:16	7.79	45.169	28.92	9.44	7.7	5.7	2.41
341	1/1/2008 03:31	7.75	45.373	29.06	9.44	7.7	6.3	2.48
342	1/1/2008 03:46	7.75	45.136	28.9	9.45	7.7	6.9	2.56
343	1/1/2008 04:01	7.79	45.580	29.21	9.46	7.7	6.5	2.63
344	1/1/2008 04:16	7.87	45.963	29.49	9.45	7.71	6.5	2.71
345	1/1/2008 04:31	8.04	46.737	30.05	9.44	7.71	6.6	2.78
346	1/1/2008 04:46	8.45	48.002	30.99	9.43	7.73	7.0	2.84
347	1/1/2008 05:01	8.46	48.111	31.07	9.43	7.73	7.9	2.91
348	1/1/2008 05:16	8.47	48.201	31.13	9.46	7.73	7.3	2.97
349	1/1/2008 05:31	8.46	48.268	31.18	9.45	7.73	6.8	3.01
350	1/1/2008 05:46	8.48	48.398	31.28	9.41	7.73	5.7	3.03
351	1/1/2008 06:01	8.5	48.487	31.34	9.33	7.72	5.5	3.06
352	1/1/2008 06:16	8.43	48.384	31.26	9.36	7.72	6.3	3.08
353	1/1/2008 06:31	8.49	48.561	31.39	9.38	7.72	7.5	3.06
354	1/1/2008 06:46	8.49	48.565	31.4	9.41	7.72	8.2	3.03
355	1/1/2008 07:01	8.49	48.539	31.38	9.44	7.73	7.9	3.01
356	1/1/2008 07:16	7.68	46.218	29.66	9.36	7.7	6.3	2.95
357	1/1/2008 07:31	7.66	46.197	29.64	9.4	7.7	6.1	2.89
358	1/1/2008 07:46	7.83	46.544	29.9	9.44	7.7	6.2	2.82
359	1/1/2008 08:01	7.86	46.466	29.85	9.3	7.69	5.9	2.75

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
360	1/1/2008 08:16	7.93	46.612	29.96	9.41	7.71	6.6	2.69
361	1/1/2008 08:31	7.62	45.885	29.42	9.34	7.69	5.4	2.60
362	1/1/2008 08:46	7.55	45.705	29.28	9.31	7.69	5.2	2.52
363	1/1/2008 09:01	7.51	45.592	29.2	9.36	7.69	5.0	2.45
364	1/1/2008 09:16	7.55	45.637	29.23	9.42	7.7	5.0	2.38
365	1/1/2008 09:31	7.56	45.582	29.2	9.47	7.7	6.0	2.29
366	1/1/2008 09:46	7.33	44.817	28.64	9.55	7.71	6.1	2.21
367	1/1/2008 10:01	7.47	45.252	28.96	9.57	7.71	5.4	2.13
368	1/1/2008 10:16	7.34	44.654	28.52	9.62	7.71	6.1	2.05
369	1/1/2008 10:31	7.4	44.749	28.59	9.65	7.72	4.7	1.96
370	1/1/2008 10:46	7.46	44.795	28.63	9.76	7.73	4.9	1.88
371	1/1/2008 11:01	7.45	44.634	28.52	9.75	7.72	5.1	1.79
372	1/1/2008 11:16	7.49	44.660	28.54	9.79	7.73	5.0	1.71
373	1/1/2008 11:31	7.42	44.274	28.26	9.77	7.73	4.7	1.63
374	1/1/2008 11:46	7.43	44.192	28.2	9.81	7.73	4.5	1.55
375	1/1/2008 12:01	7.39	44.028	28.08	9.86	7.74	4.4	1.50
376	1/1/2008 12:16	7.43	44.021	28.08	9.9	7.74	3.9	1.45
377	1/1/2008 12:31	7.45	43.949	28.03	9.9	7.74	3.8	1.41
378	1/1/2008 12:46	7.47	44.357	28.32	9.56	7.72	3.5	1.39
379	1/1/2008 13:01	7.56	44.222	28.23	9.71	7.73	4.1	1.37
380	1/1/2008 13:16	7.57	44.078	28.13	9.79	7.73	4.0	1.38
381	1/1/2008 13:31	7.49	43.832	27.95	9.78	7.73	4.1	1.40
382	1/1/2008 13:46	7.57	44.190	28.21	9.72	7.73	4.2	1.42
383	1/1/2008 14:01	7.47	44.409	28.36	9.57	7.71	4.0	1.45
384	1/1/2008 14:16	7.51	43.846	27.97	9.69	7.72	4.3	1.49
385	1/1/2008 14:31	7.51	44.048	28.11	9.63	7.71	4.1	1.53
386	1/1/2008 14:46	7.48	44.085	28.13	9.58	7.71	4.3	1.56
387	1/1/2008 15:01	7.48	44.035	28.1	9.56	7.7	4.6	1.61
388	1/1/2008 15:16	7.47	44.154	28.18	9.54	7.7	4.5	1.65
389	1/1/2008 15:31	7.47	44.105	28.15	9.52	7.7	4.5	1.70
390	1/1/2008 15:46	7.47	44.371	28.33	9.5	7.7	4.5	1.74
391	1/1/2008 16:01	7.48	44.501	28.43	9.46	7.7	4.5	1.79
392	1/1/2008 16:16	7.53	44.843	28.67	9.4	7.7	4.7	1.84
393	1/1/2008 16:31	7.57	44.988	28.78	9.41	7.7	4.6	1.88
394	1/1/2008 16:46	7.61	45.130	28.88	9.41	7.7	4.7	1.93
395	1/1/2008 17:01	7.64	45.225	28.95	9.38	7.7	5.1	1.98
396	1/1/2008 17:16	7.65	45.139	28.89	9.4	7.7	4.8	2.01
397	1/1/2008 17:31	7.69	45.274	28.99	9.41	7.7	4.8	2.06
398	1/1/2008 17:46	7.72	45.312	29.02	9.42	7.7	4.7	2.10
399	1/1/2008 18:01	7.72	45.469	29.13	9.39	7.7	4.6	2.14
400	1/1/2008 18:16	7.75	45.696	29.29	9.37	7.7	4.6	2.18
401	1/1/2008 18:31	7.78	45.838	29.4	9.34	7.7	4.8	2.20
402	1/1/2008 18:46	7.8	45.858	29.41	9.34	7.7	4.6	2.24
403	1/1/2008 19:01	7.8	45.787	29.36	9.29	7.7	7.0	2.25
404	1/1/2008 19:16	7.8	45.904	29.44	9.19	7.69	17.6	2.26

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
405	1/1/2008 19:31	7.84	46.134	29.61	9.18	7.69	3.6	2.26
406	1/1/2008 19:46	7.83	46.207	29.66	9.22	7.69	4.6	2.25
407	1/1/2008 20:01	7.84	46.253	29.69	9.21	7.69	4.6	2.24
408	1/1/2008 20:16	7.79	46.013	29.52	9.21	7.69	5.2	2.22
409	1/1/2008 20:31	7.76	45.899	29.44	9.26	7.69	4.6	2.19
410	1/1/2008 20:46	7.74	45.697	29.29	9.32	7.69	5.0	2.16
411	1/1/2008 21:01	7.73	45.681	29.28	9.3	7.69	5.0	2.12
412	1/1/2008 21:16	7.72	45.486	29.14	9.25	7.69	5.8	2.08
413	1/1/2008 21:31	7.7	45.337	29.03	9.34	7.7	6.0	2.04
414	1/1/2008 21:46	7.68	45.035	28.82	9.45	7.71	5.4	2.00
415	1/1/2008 22:01	7.66	44.827	28.67	9.43	7.7	5.3	1.97
416	1/1/2008 22:16	7.53	44.595	28.5	9.36	7.7	8.3	1.93
417	1/1/2008 22:31	7.47	44.380	28.34	9.36	7.69	3.6	1.90
418	1/1/2008 22:46	7.41	44.309	28.28	9.3	7.69	3.9	1.87
419	1/1/2008 23:01	7.41	44.330	28.3	9.28	7.68	3.7	1.84
420	1/1/2008 23:16	7.42	44.425	28.37	9.23	7.68	4.4	1.84
421	1/1/2008 23:31	7.42	44.332	28.3	9.03	7.66	3.7	1.81
422	1/1/2008 23:46	7.5	44.175	28.2	9.32	7.69	6.1	1.81
423	1/2/2008 00:01	7.56	44.415	28.37	9.4	7.7	4.7	1.81
424	1/2/2008 00:16	7.56	44.585	28.49	9.4	7.7	4.7	1.83
425	1/2/2008 00:31	7.44	44.141	28.17	9.42	7.7	4.4	1.84
426	1/2/2008 00:46	7.51	44.486	28.42	9.4	7.7	4.4	1.86
427	1/2/2008 01:01	7.62	44.921	28.73	9.34	7.69	4.6	1.88
428	1/2/2008 01:16	7.54	44.564	28.47	9.39	7.7	4.6	1.92
429	1/2/2008 01:31	7.58	44.774	28.63	9.38	7.7	4.7	1.95
430	1/2/2008 01:46	7.71	45.395	29.08	9.32	7.69	4.3	1.98
431	1/2/2008 02:01	7.71	45.398	29.08	9.34	7.69	4.7	2.02
432	1/2/2008 02:16	7.77	45.676	29.28	9.33	7.69	5.1	2.08
433	1/2/2008 02:31	7.74	45.548	29.19	9.36	7.7	5.5	2.13
434	1/2/2008 02:46	7.72	45.462	29.12	9.39	7.7	5.2	2.17
435	1/2/2008 03:01	7.75	45.530	29.17	9.39	7.7	5.3	2.25
436	1/2/2008 03:16	7.74	45.559	29.19	9.42	7.7	6.3	2.30
437	1/2/2008 03:31	7.76	45.666	29.27	9.41	7.7	5.6	2.36
438	1/2/2008 03:46	7.71	45.616	29.23	9.41	7.7	5.3	2.43
439	1/2/2008 04:01	7.74	45.801	29.37	9.39	7.7	5.6	2.50
440	1/2/2008 04:16	7.65	45.728	29.31	9.42	7.7	5.7	2.56
441	1/2/2008 04:31	7.71	45.924	29.45	9.41	7.7	6.0	2.63
442	1/2/2008 04:46	7.75	46.028	29.53	9.38	7.7	6.0	2.70
443	1/2/2008 05:01	7.94	46.544	29.91	9.3	7.7	5.9	2.76
444	1/2/2008 05:16	8.01	46.810	30.1	9.26	7.71	5.4	2.82
445	1/2/2008 05:31	8.17	47.483	30.6	9.16	7.71	5.5	2.89
446	1/2/2008 05:46	8.45	48.534	31.37	8.99	7.72	5.8	2.94
447	1/2/2008 06:01	8.42	48.457	31.31	8.97	7.72	6.1	2.99
448	1/2/2008 06:16	8.48	48.690	31.49	8.91	7.72	5.9	3.03
449	1/2/2008 06:31	8.49	48.735	31.52	8.87	7.72	12.5	3.07

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
450	1/2/2008 06:46	8.5	48.744	31.53	8.77	7.71	4.4	3.09
451	1/2/2008 07:01	8.46	48.585	31.41	8.61	7.7	5.7	3.09
452	1/2/2008 07:16	8.49	48.698	31.49	8.83	7.71	6.0	3.09
453	1/2/2008 07:31	8.49	48.707	31.5	8.82	7.71	5.4	3.06
454	1/2/2008 07:46	8.46	48.639	31.45	8.87	7.71	6.1	3.02
455	1/2/2008 08:01	7.91	47.079	30.29	9.07	7.7	5.5	2.98
456	1/2/2008 08:16	7.88	46.775	30.07	9.11	7.69	5.5	2.91
457	1/2/2008 08:31	7.72	46.255	29.69	9.19	7.69	5.1	2.85
458	1/2/2008 08:46	7.95	46.972	30.21	9.14	7.7	5.3	2.78
459	1/2/2008 09:01	8.01	46.989	30.23	9.12	7.69	5.2	2.70
460	1/2/2008 09:16	7.75	46.310	29.73	9.21	7.69	4.3	2.64
461	1/2/2008 09:31	7.72	46.139	29.6	9.29	7.69	4.5	2.56
462	1/2/2008 09:46	7.73	46.070	29.56	9.34	7.7	4.6	2.49
463	1/2/2008 10:01	7.71	45.928	29.45	9.37	7.7	4.4	2.41
464	1/2/2008 10:16	7.67	45.705	29.29	9.47	7.71	3.9	2.32
465	1/2/2008 10:31	7.66	45.550	29.18	9.54	7.71	4.3	2.23
466	1/2/2008 10:46	7.64	45.416	29.08	9.59	7.72	4.3	2.15
467	1/2/2008 11:01	7.68	45.370	29.06	9.66	7.73	4.3	2.06
468	1/2/2008 11:16	7.66	45.149	28.9	9.72	7.73	4.5	1.96
469	1/2/2008 11:31	7.68	45.102	28.87	9.8	7.74	4.3	1.88
470	1/2/2008 11:46	7.64	44.884	28.71	9.83	7.73	4.2	1.78
471	1/2/2008 12:01	7.73	44.949	28.76	9.89	7.74	4.6	1.69
472	1/2/2008 12:16	7.8	44.861	28.71	10.05	7.76	4.3	1.60
473	1/2/2008 12:31	7.73	44.548	28.48	10.02	7.76	4.0	1.51
474	1/2/2008 12:46	7.73	44.472	28.43	10.08	7.76	3.8	1.45
475	1/2/2008 13:01	7.75	44.414	28.39	10.14	7.77	4.6	1.38
476	1/2/2008 13:16	7.77	44.425	28.39	10.12	7.77	3.9	1.31
477	1/2/2008 13:31	7.76	44.394	28.37	10.06	7.77	4.5	1.28
478	1/2/2008 13:46	7.81	44.350	28.35	9.91	7.77	3.3	1.25
479	1/2/2008 14:01	7.61	44.662	28.55	9.67	7.73	3.6	1.24
480	1/2/2008 14:16	7.63	44.770	28.63	9.59	7.72	4.4	1.23
481	1/2/2008 14:31	7.71	44.334	28.33	9.92	7.75	4.9	1.25
482	1/2/2008 14:46	7.73	44.476	28.43	9.84	7.74	4.5	1.29
483	1/2/2008 15:01	7.72	44.471	28.42	9.8	7.74	4.5	1.31
484	1/2/2008 15:16	7.72	44.530	28.47	9.77	7.73	4.6	1.38
485	1/2/2008 15:31	7.7	44.124	28.18	9.75	7.73	5.5	1.42
486	1/2/2008 15:46	7.68	44.152	28.2	9.68	7.72	4.9	1.46
487	1/2/2008 16:01	7.68	44.236	28.25	9.68	7.72	4.9	1.52
488	1/2/2008 16:16	7.65	44.199	28.23	9.63	7.71	4.6	1.58
489	1/2/2008 16:31	7.65	44.272	28.28	9.58	7.71	5.0	1.61
490	1/2/2008 16:46	7.66	44.329	28.32	9.57	7.71	5.3	1.67
491	1/2/2008 17:01	7.66	44.446	28.4	9.59	7.71	5.9	1.73
492	1/2/2008 17:16	7.66	44.596	28.51	9.49	7.7	4.2	1.78
493	1/2/2008 17:31	7.67	44.668	28.56	9.47	7.7	4.4	1.83
494	1/2/2008 17:46	7.7	45.001	28.8	9.43	7.7	4.4	1.87

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
495	1/2/2008 18:01	7.74	45.047	28.83	9.42	7.7	4.5	1.92
496	1/2/2008 18:16	7.75	45.059	28.84	9.41	7.7	4.6	1.97
497	1/2/2008 18:31	7.78	45.439	29.11	9.35	7.7	5.1	2.01
498	1/2/2008 18:46	7.77	45.372	29.06	9.36	7.69	4.8	2.07
499	1/2/2008 19:01	7.78	45.582	29.21	9.33	7.69	4.7	2.11
500	1/2/2008 19:16	7.8	45.722	29.31	9.33	7.7	5.1	2.16
501	1/2/2008 19:31	7.82	45.867	29.42	9.32	7.7	4.3	2.20
502	1/2/2008 19:46	7.84	46.009	29.52	9.28	7.7	4.6	2.24
503	1/2/2008 20:01	7.86	46.124	29.6	9.24	7.7	4.3	2.25
504	1/2/2008 20:16	7.87	46.201	29.66	9.21	7.7	4.2	2.29
505	1/2/2008 20:31	7.88	46.257	29.7	9.18	7.69	3.7	2.30
506	1/2/2008 20:46	7.89	46.310	29.74	9.1	7.69	3.3	2.33
507	1/2/2008 21:01	7.9	46.350	29.77	8.83	7.67	1.5	2.32
508	1/2/2008 21:16	7.91	46.414	29.81	8.98	7.68	2.7	2.33
509	1/2/2008 21:31	7.92	46.448	29.84	9.13	7.69	3.8	2.32
510	1/2/2008 21:46	7.89	46.372	29.78	9.05	7.69	3.6	2.30
511	1/2/2008 22:01	7.9	46.326	29.75	9.11	7.69	4.4	2.29
512	1/2/2008 22:16	7.84	45.919	29.46	9.16	7.69	4.0	2.25
513	1/2/2008 22:31	7.81	45.608	29.23	9.21	7.69	4.2	2.22
514	1/2/2008 22:46	7.82	45.731	29.32	9.29	7.69	6.8	2.19
515	1/2/2008 23:01	7.8	45.567	29.21	9.27	7.69	5.4	2.14
516	1/2/2008 23:16	7.79	45.464	29.13	9.29	7.69	4.9	2.11
517	1/2/2008 23:31	7.75	45.257	28.98	9.27	7.69	4.4	2.05
518	1/2/2008 23:46	7.73	45.209	28.95	9.32	7.69	4.5	2.01
519	1/3/2008 00:01	7.73	45.234	28.96	9.27	7.69	4.3	2.01
520	1/3/2008 00:16	7.73	45.233	28.96	9.28	7.69	4.4	1.98
521	1/3/2008 00:31	7.73	45.011	28.81	9.21	7.68	3.2	1.95
522	1/3/2008 00:46	7.74	45.161	28.91	9.27	7.69	4.7	1.98
523	1/3/2008 01:01	7.74	45.091	28.86	9.33	7.69	4.9	1.97
524	1/3/2008 01:16	7.74	45.081	28.86	9.34	7.69	5.4	1.98
525	1/3/2008 01:31	7.76	45.156	28.91	9.33	7.69	6.2	1.99
526	1/3/2008 01:46	7.76	45.240	28.97	9.34	7.69	5.8	2.01
527	1/3/2008 02:01	7.77	45.226	28.96	9.37	7.69	7.2	2.05
528	1/3/2008 02:16	7.8	45.431	29.11	9.32	7.69	7.3	2.07
529	1/3/2008 02:31	7.83	45.692	29.3	9.29	7.69	7.2	2.12
530	1/3/2008 02:46	7.85	45.664	29.28	9.3	7.69	8.2	2.15
531	1/3/2008 03:01	7.94	46.206	29.67	9.22	7.7	7.2	2.20
532	1/3/2008 03:16	8	46.547	29.92	9.2	7.7	7.4	2.24
533	1/3/2008 03:31	8.01	46.618	29.97	9.2	7.7	7.2	2.29
534	1/3/2008 03:46	8.03	46.671	30.01	9.21	7.7	6.4	2.37
535	1/3/2008 04:01	8.05	46.768	30.08	9.24	7.71	6.0	2.40
536	1/3/2008 04:16	8.07	46.879	30.16	9.23	7.71	9.4	2.48
537	1/3/2008 04:31	8.09	46.961	30.22	9.22	7.71	13.8	2.52
538	1/3/2008 04:46	8.13	47.092	30.31	9.2	7.71	8.4	2.60
539	1/3/2008 05:01	8.18	47.278	30.45	9.18	7.71	16.6	2.67

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
540	1/3/2008 05:16	8.23	47.470	30.59	9.16	7.71	6.6	2.73
541	1/3/2008 05:31	8.27	47.635	30.71	9.16	7.72	9.1	2.77
542	1/3/2008 05:46	8.31	47.772	30.81	9.12	7.72	7.2	2.84
543	1/3/2008 06:01	8.35	47.921	30.92	9.14	7.72	7.6	2.87
544	1/3/2008 06:16	8.4	48.053	31.02	9.15	7.72	6.5	2.93
545	1/3/2008 06:31	8.45	48.198	31.13	9.15	7.73	6.8	3.00
546	1/3/2008 06:46	8.49	48.294	31.2	9.14	7.73	6.2	3.01
547	1/3/2008 07:01	8.54	48.466	31.33	9.12	7.73	5.2	3.07
548	1/3/2008 07:16	8.59	48.578	31.41	9.12	7.74		3.11
549	1/3/2008 07:31	8.61	48.613	31.44	9.1	7.74	5.5	3.11
550	1/3/2008 07:46	8.62	48.635	31.46	9.03	7.73	4.1	3.14
551	1/3/2008 08:01	8.63	48.663	31.48	8.96	7.73	4.7	3.16
552	1/3/2008 08:16	8.61	48.561	31.4	9.04	7.73	5.0	3.13
553	1/3/2008 08:31	8.54	48.258	31.18	9.11	7.73	5.5	3.14
554	1/3/2008 08:46	8.55	48.259	31.18	9.11	7.73	5.7	3.10
555	1/3/2008 09:01	8.54	48.240	31.17	9.15	7.73	5.7	3.05
556	1/3/2008 09:16	8.5	48.156	31.1	9.14	7.73	6.0	3.01
557	1/3/2008 09:31	8.42	47.869	30.89	9.18	7.72	6.8	2.95
558	1/3/2008 09:46	8.35	47.580	30.68	9.18	7.72	7.2	2.86
559	1/3/2008 10:01	8.36	47.747	30.8	9.16	7.72	8.2	2.80
560	1/3/2008 10:16	8.26	47.055	30.3	9.22	7.71	10.1	2.70
561	1/3/2008 10:31	8.2	46.682	30.03	9.24	7.71	12.9	2.58
562	1/3/2008 10:46	8.2	46.537	29.93	9.26	7.71	15.9	2.50
563	1/3/2008 11:01	8.16	46.295	29.75	9.3	7.7	14.8	2.42
564	1/3/2008 11:16	8.13	46.063	29.58	9.32	7.7	13.4	2.30
565	1/3/2008 11:31	8.14	45.945	29.5	9.33	7.7	13.7	2.21
566	1/3/2008 11:46	8.19	45.924	29.49	9.33	7.71	13.8	2.13
567	1/3/2008 12:01	8.12	45.230	28.99	9.39	7.71	15.1	2.03
568	1/3/2008 12:16	8.2	45.406	29.12	9.38	7.71	18.1	1.96
569	1/3/2008 12:31	8.12	44.786	28.68	9.4	7.71	17.4	1.86
570	1/3/2008 12:46	8.13	44.647	28.58	9.42	7.71	16.9	1.76
571	1/3/2008 13:01	8.15	44.635	28.57	9.43	7.71	15.5	1.69
572	1/3/2008 13:16	8.22	44.641	28.58	9.46	7.72	15.3	1.59
573	1/3/2008 13:31	8.22	44.340	28.37	9.52	7.72	16.4	1.49
574	1/3/2008 13:46	8.24	44.256	28.31	9.55	7.73	17.7	1.42
575	1/3/2008 14:01	8.27	44.298	28.34	9.57	7.73	17.9	1.31
576	1/3/2008 14:16	8.31	44.255	28.32	9.58	7.73	17.5	1.25
577	1/3/2008 14:31	8.33	44.217	28.29	9.57	7.73	15.2	1.22
578	1/3/2008 14:46	8.4	44.192	28.28	9.47	7.73	13.0	1.16
579	1/3/2008 15:01	8.28	44.244	28.31	9.4	7.72	14.3	1.14
580	1/3/2008 15:16	8.11	44.581	28.53	9.4	7.71	14.4	1.17
581	1/3/2008 15:31	8.12	44.598	28.54	9.37	7.7	12.5	1.18
582	1/3/2008 15:46	8.16	44.535	28.5	9.36	7.7	14.3	1.24
583	1/3/2008 16:01	8.24	44.250	28.31	9.39	7.71	13.0	1.29
584	1/3/2008 16:16	8.3	43.040	27.46	9.46	7.71	13.0	1.33

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
585	1/3/2008 16:31	8.24	43.469	27.76	9.41	7.7	13.0	1.43
586	1/3/2008 16:46	8.22	43.034	27.45	9.41	7.7	12.4	1.47
587	1/3/2008 17:01	8.19	43.651	27.88	9.4	7.7	11.5	1.55
588	1/3/2008 17:16	8.2	43.546	27.81	9.39	7.7	12.7	1.60
589	1/3/2008 17:31	8.19	43.781	27.97	9.37	7.7	12.1	1.67
590	1/3/2008 17:46	8.17	44.014	28.14	9.36	7.7	10.4	1.71
591	1/3/2008 18:01	8.16	44.470	28.46	9.32	7.7	10.1	1.78
592	1/3/2008 18:16	8.17	44.583	28.54	9.33	7.7	11.5	1.84
593	1/3/2008 18:31	8.2	44.608	28.56	9.35	7.7	10.9	1.88
594	1/3/2008 18:46	8.18	45.003	28.83	9.33	7.7	11.9	1.94
595	1/3/2008 19:01	8.19	45.156	28.94	9.34	7.7	11.1	1.99
596	1/3/2008 19:16	8.18	45.162	28.95	9.34	7.7	11.1	2.05
597	1/3/2008 19:31	8.18	45.153	28.94	9.34	7.7	10.8	2.10
598	1/3/2008 19:46	8.13	45.401	29.11	9.33	7.7	11.2	2.14
599	1/3/2008 20:01	8.16	45.374	29.1	9.33	7.7	11.7	2.21
600	1/3/2008 20:16	8.17	45.587	29.25	9.32	7.7	11.5	2.26
601	1/3/2008 20:31	8.22	45.666	29.31	9.29	7.7	11.5	2.28
602	1/3/2008 20:46	8.24	45.721	29.35	9.29	7.7	9.7	2.36
603	1/3/2008 21:01	8.27	45.893	29.47	9.28	7.71	10.7	2.41
604	1/3/2008 21:16	8.28	46.006	29.55	9.27	7.71	9.1	2.43
605	1/3/2008 21:31	8.31	46.112	29.63	9.26	7.71	13.4	2.49
606	1/3/2008 21:46	8.33	46.262	29.74	9.25	7.71	7.8	2.49
607	1/3/2008 22:01	8.34	46.314	29.78	9	7.69	3.6	2.51
608	1/3/2008 22:16	8.37	45.960	29.53	9.2	7.71	8.5	2.53
609	1/3/2008 22:31	8.42	45.691	29.34	9.18	7.7	8.4	2.51
610	1/3/2008 22:46	8.42	45.796	29.42	9.17	7.71	9.1	2.47
611	1/3/2008 23:01	8.4	45.960	29.53	9.2	7.71	9.7	2.46
612	1/3/2008 23:16	8.37	45.924	29.5	9.25	7.71	13.0	2.42
613	1/3/2008 23:31	8.39	45.632	29.3	9.28	7.71	23.8	2.34
614	1/3/2008 23:46	8.38	45.259	29.03	9.25	7.7	18.9	2.34
615	1/4/2008 00:01	8.37	45.112	28.93	9.24	7.7	17.4	2.31
616	1/4/2008 00:16	8.35	45.166	28.96	9.28	7.7	16.9	2.23
617	1/4/2008 00:31	8.36	45.211	29	9.29	7.7	23.1	2.24
618	1/4/2008 00:46	8.37	45.184	28.98	9.24	7.7	16.2	2.20
619	1/4/2008 01:01	8.4	45.126	28.94	9.24	7.7	17.1	2.17
620	1/4/2008 01:16	8.41	45.130	28.94	9.22	7.7	17.6	2.16
621	1/4/2008 01:31	8.43	45.218	29.01	9.09	7.69	10.2	2.13
622	1/4/2008 01:46	8.44	45.295	29.06	9.23	7.7	13.6	2.16
623	1/4/2008 02:01	8.45	45.217	29.01	9.28	7.71	20.2	2.17
624	1/4/2008 02:16	8.43	45.329	29.08	9.26	7.71	13.4	2.15
625	1/4/2008 02:31	8.47	45.631	29.3	9.24	7.71	14.8	2.19
626	1/4/2008 02:46	8.5	46.066	29.61	9.26	7.71	15.5	2.19
627	1/4/2008 03:01	8.55	46.034	29.59	9.27	7.72	12.4	2.22
628	1/4/2008 03:16	8.57	46.229	29.73	9.26	7.72	12.3	2.25
629	1/4/2008 03:31	8.63	46.482	29.92	9.26	7.72	11.6	2.29

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
630	1/4/2008 03:46	8.65	46.872	30.2	9.27	7.73	10.1	2.30
631	1/4/2008 04:01	8.6	46.619	30.01	9.29	7.73	14.4	2.34
632	1/4/2008 04:16	8.59	46.532	29.95	9.29	7.73	22.9	2.41
633	1/4/2008 04:31	8.58	46.545	29.96	9.28	7.73	13.1	2.46
634	1/4/2008 04:46	8.6	46.634	30.03	9.27	7.73	38.1	2.55
635	1/4/2008 05:01	8.63	46.847	30.18	9.25	7.73	12.5	2.59
636	1/4/2008 05:16	8.68	47.245	30.47	9.23	7.73		2.65
637	1/4/2008 05:31	8.74	47.621	30.74	9.22	7.74	14.3	2.73
638	1/4/2008 05:46	8.84	47.716	30.82	9.23	7.74	19.4	2.79
639	1/4/2008 06:01	8.89	47.907	30.96	9.23	7.75	13.0	2.87
640	1/4/2008 06:16	8.96	48.286	31.23	9.23	7.75	17.1	3.00
641	1/4/2008 06:31	9.01	48.513	31.4	9.24	7.76	13.2	3.01
642	1/4/2008 06:46	9.03	48.525	31.41	9.23	7.76	10.1	3.10
643	1/4/2008 07:01	9.05	48.588	31.46	9.17	7.76	7.4	3.20
644	1/4/2008 07:16	9.08	48.652	31.51	9.19	7.76	6.8	3.24
645	1/4/2008 07:31	9.11	48.736	31.57	9.16	7.76	12.8	3.25
646	1/4/2008 07:46	9.11	48.725	31.56	9.12	7.76	6.8	3.31
647	1/4/2008 08:01	9.1	48.702	31.54	9.09	7.75	12.3	3.31
648	1/4/2008 08:16	9.13	48.778	31.6	9.14	7.76	7.1	3.35
649	1/4/2008 08:31	9.11	48.770	31.59	8.87	7.74	6.5	3.35
650	1/4/2008 08:46	9.11	48.773	31.59	9.16	7.76	9.4	3.31
651	1/4/2008 09:01	9.12	48.795	31.61	9.2	7.76	9.1	3.31
652	1/4/2008 09:16	9.11	48.780	31.6	9.2	7.76	8.1	3.29
653	1/4/2008 09:31	9.08	48.710	31.55	9.2	7.76	8.3	3.22
654	1/4/2008 09:46	9.06	48.649	31.5	9.2	7.76	8.4	3.20
655	1/4/2008 10:01	8.96	48.088	31.09	9.18	7.75	8.6	3.14
656	1/4/2008 10:16	8.87	47.592	30.73	9.2	7.74	7.8	3.07
657	1/4/2008 10:31	8.84	47.538	30.69	9.18	7.74	9.1	3.02
658	1/4/2008 10:46	8.82	47.387	30.58	9.22	7.74	10.7	2.91
659	1/4/2008 11:01	8.83	47.348	30.55	9.21	7.74	11.5	2.86
660	1/4/2008 11:16	8.84	47.122	30.39	9.22	7.74	10.1	2.74
661	1/4/2008 11:31	8.89	46.653	30.06	9.23	7.74	11.1	2.65
662	1/4/2008 11:46	8.97	45.969	29.58	9.24	7.74	12.6	2.55
663	1/4/2008 12:01	9.05	45.218	29.05	9.24	7.74	16.6	2.42
664	1/4/2008 12:16	8.99	45.098	28.96	9.24	7.74	21.7	2.29
665	1/4/2008 12:31	8.96	44.870	28.8	9.25	7.73	24.5	2.20
666	1/4/2008 12:46	8.95	44.725	28.69	9.24	7.73	28.1	2.13
667	1/4/2008 13:01	8.95	44.691	28.67	9.23	7.73	25.8	2.01
668	1/4/2008 13:16	8.96	44.596	28.6	9.22	7.73	29.3	1.90
669	1/4/2008 13:31	9	44.601	28.61	9.21	7.73	31.2	1.84
670	1/4/2008 13:46	9.01	44.627	28.63	9.22	7.73	34.0	1.74
671	1/4/2008 14:01	9.01	44.700	28.68	9.21	7.73	34.2	1.64
672	1/4/2008 14:16	9.03	44.744	28.71	9.21	7.73	33.1	1.54
673	1/4/2008 14:31	9.09	44.731	28.71	9.26	7.74	32.0	1.44
674	1/4/2008 14:46	9.1	44.673	28.67	9.24	7.74	32.3	1.38

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
675	1/4/2008 15:01	9.1	44.616	28.63	9.22	7.74	34.3	1.29
676	1/4/2008 15:16	9.15	44.542	28.58	9.24	7.74	35.4	1.22
677	1/4/2008 15:31	9.11	44.480	28.53	9.18	7.74	29.9	1.19
678	1/4/2008 15:46	9.1	44.464	28.52	9.12	7.73	29.1	1.13
679	1/4/2008 16:01	9.1	44.447	28.51	9.06	7.73	27.8	1.16
680	1/4/2008 16:16	9.09	44.460	28.51	9.13	7.73	24.4	1.12
681	1/4/2008 16:31	9.12	40.812	25.95	9.32	7.73	63.9	1.14
682	1/4/2008 16:46	9.12	40.844	25.97	9.27	7.71	31.7	1.18
683	1/4/2008 17:01	9.1	42.389	27.05	9.23	7.72	26.8	1.25
684	1/4/2008 17:16	9.09	43.937	28.14	9.19	7.72	25.7	1.29
685	1/4/2008 17:31	9.09	44.009	28.19	9.15	7.72	22.6	1.35
686	1/4/2008 17:46	9.09	43.387	27.76	9.18	7.72	24.0	1.43
687	1/4/2008 18:01	9.09	43.514	27.84	9.16	7.72	21.8	1.47
688	1/4/2008 18:16	9.09	43.141	27.58	9.15	7.72	19.9	1.53
689	1/4/2008 18:31	9.09	43.064	27.53	9.15	7.72	18.8	1.61
690	1/4/2008 18:46	9.08	43.160	27.59	9.18	7.72	18.8	1.67
691	1/4/2008 19:01	9.08	43.382	27.75	9.17	7.72	16.2	1.72
692	1/4/2008 19:16	9.06	43.628	27.92	9.15	7.72	16.2	1.77
693	1/4/2008 19:31	9	43.171	27.6	9.2	7.72	17.2	1.83
694	1/4/2008 19:46	8.98	43.403	27.76	9.22	7.72	18.3	1.91
695	1/4/2008 20:01	8.94	42.936	27.43	9.25	7.72	20.4	1.94
696	1/4/2008 20:16	8.92	42.898	27.4	9.25	7.72	18.8	2.01
697	1/4/2008 20:31	8.9	43.258	27.65	9.26	7.72	20.6	2.06
698	1/4/2008 20:46	8.89	43.579	27.88	9.24	7.72	19.0	2.13
699	1/4/2008 21:01	8.9	43.808	28.04	9.21	7.72	17.2	2.20
700	1/4/2008 21:16	8.91	43.896	28.1	9.2	7.72	16.8	2.22
701	1/4/2008 21:31	8.9	43.960	28.15	9.19	7.72	17.0	2.33
702	1/4/2008 21:46	8.88	44.008	28.18	9.18	7.72	15.1	2.35
703	1/4/2008 22:01	8.88	44.179	28.3	9.17	7.72	17.3	2.45
704	1/4/2008 22:16	8.87	44.345	28.42	9.16	7.72	13.7	2.37
705	1/4/2008 22:31	8.85	44.356	28.43	9.12	7.72	11.9	2.50
706	1/4/2008 22:46	8.83	44.480	28.51	9.19	7.72	14.2	2.48
707	1/4/2008 23:01	8.84	44.505	28.53	9.04	7.71	10.6	2.55
708	1/4/2008 23:16	8.84	44.480	28.51	9.09	7.71	13.8	2.55
709	1/4/2008 23:31	8.84	44.183	28.3	9.08	7.71	10.7	2.61
710	1/4/2008 23:46	8.84	44.475	28.51	9.01	7.71	13.4	2.61
711	1/5/2008 00:01	8.83	44.441	28.48	9.1	7.71	14.1	2.58
712	1/5/2008 00:16	8.84	44.424	28.47	9.12	7.71	13.8	2.62
713	1/5/2008 00:31	8.77	43.539	27.84	9.21	7.72	13.0	2.56
714	1/5/2008 00:46	8.79	43.598	27.88	9.22	7.72	15.2	2.52
715	1/5/2008 01:01	8.68	43.566	27.86	9.16	7.71	17.0	2.48
716	1/5/2008 01:16	8.84	43.746	27.99	9.13	7.71	15.1	2.50
717	1/5/2008 01:31	8.87	43.685	27.95	9.11	7.71	14.1	2.41
718	1/5/2008 01:46	8.87	43.401	27.75	9.1	7.71	16.6	2.37
719	1/5/2008 02:01	8.86	43.364	27.72	9.07	7.7	15.9	2.42

sonde #3	Indian Island Long-Term Deployment						Water Quality Data		TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	
720	1/5/2008 02:16	8.83	43.255	27.65	9.02	7.7	14.4	2.35	
721	1/5/2008 02:31	8.8	43.234	27.63	9.09	7.7	14.3	2.31	
722	1/5/2008 02:46	8.77	42.818	27.33	9.05	7.7	14.1	2.25	
723	1/5/2008 03:01	8.77	42.921	27.41	8.95	7.69	11.8	2.28	
724	1/5/2008 03:16	8.77	42.950	27.43	9.01	7.7	12.1	2.27	
725	1/5/2008 03:31	8.8	43.049	27.5	9.01	7.7	12.6	2.27	
726	1/5/2008 03:46	8.85	43.327	27.7	9.08	7.7	18.0	2.34	
727	1/5/2008 04:01	8.87	43.460	27.79	9.07	7.71	16.5	2.31	
728	1/5/2008 04:16	8.87	43.493	27.82	9.09	7.71	17.1	2.35	
729	1/5/2008 04:31	8.81	43.434	27.77	9.12	7.71	18.5	2.39	
730	1/5/2008 04:46	8.78	43.331	27.7	9.14	7.71	17.9	2.40	
731	1/5/2008 05:01	8.79	43.370	27.72	9.17	7.71	21.5	2.39	
732	1/5/2008 05:16	8.78	43.441	27.77	9.26	7.72	19.7	2.50	
733	1/5/2008 05:31	8.7	42.411	27.04	9.33	7.72	21.3	2.59	
734	1/5/2008 05:46	8.85	43.014	27.48	9.46	7.74	21.0	2.61	
735	1/5/2008 06:01	8.97	43.573	27.88	9.53	7.75	17.0	2.69	
736	1/5/2008 06:16	8.95	43.648	27.93	9.47	7.75	18.7	2.72	
737	1/5/2008 06:31	8.97	43.541	27.86	9.48	7.75	19.5	2.81	
738	1/5/2008 06:46	9	43.579	27.88	9.52	7.75	19.6	2.86	
739	1/5/2008 07:01	9.01	43.543	27.86	9.54	7.75	17.7	2.93	
740	1/5/2008 07:16	9.1	42.825	27.36	9.69	7.77	20.4	2.95	
741	1/5/2008 07:31	9.11	43.450	27.8	9.64	7.76	16.5	3.09	
742	1/5/2008 07:46	9.15	43.728	28	9.69	7.77	22.3	3.11	
743	1/5/2008 08:01	9.22	43.616	27.93	9.75	7.78	31.2	3.16	
744	1/5/2008 08:16	9.17	44.362	28.45	9.51	7.76	21.2	3.24	
745	1/5/2008 08:31	9.2	44.184	28.33	9.64	7.77	24.9	3.27	
746	1/5/2008 08:46	9.21	43.959	28.17	9.61	7.77	23.9	3.28	
747	1/5/2008 09:01	9.19	43.276	27.68	9.77	7.79	25.3	3.33	
748	1/5/2008 09:16	9.11	43.269	27.67	9.65	7.77	26.2	3.32	
749	1/5/2008 09:31	8.94	43.885	28.1	9.17	7.73	15.7	3.35	
750	1/5/2008 09:46	8.92	44.099	28.25	9.26	7.73	14.6	3.31	
751	1/5/2008 10:01	8.68	42.947	27.42	9.27	7.71	16.7	3.28	
752	1/5/2008 10:16	8.91	43.654	27.93	9.37	7.74	14.3	3.25	
753	1/5/2008 10:31	8.91	43.200	27.61	9.41	7.73	16.5	3.20	
754	1/5/2008 10:46	8.98	43.537	27.85	9.45	7.75	17.0	3.13	
755	1/5/2008 11:01	8.88	41.769	26.6	9.53	7.74	17.6	3.05	
756	1/5/2008 11:16	8.8	40.496	25.71	9.54	7.72	23.4	2.95	
757	1/5/2008 11:31	8.92	42.421	27.06	9.56	7.74	26.8	2.88	
758	1/5/2008 11:46	8.84	42.851	27.36	9.47	7.73	15.7	2.79	
759	1/5/2008 12:01	8.7	41.974	26.74	9.44	7.71	15.4	2.65	
760	1/5/2008 12:16	8.73	42.737	27.27	9.41	7.71	14.2	2.53	
761	1/5/2008 12:31	8.73	42.648	27.21	9.43	7.71	13.8	2.42	
762	1/5/2008 12:46	8.72	42.366	27.01	9.45	7.71	13.7	2.34	
763	1/5/2008 13:01	8.74	42.445	27.07	9.51	7.72	13.0	2.18	
764	1/5/2008 13:16	8.73	42.361	27.01	9.46	7.71	14.3	2.06	

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
765	1/5/2008 13:31	8.74	42.428	27.06	9.48	7.72	14.4	1.98
766	1/5/2008 13:46	8.7	42.263	26.94	9.4	7.71	15.5	1.83
767	1/5/2008 14:01	8.69	42.144	26.85	9.38	7.71	15.3	1.75
768	1/5/2008 14:16	8.68	42.065	26.8	9.44	7.71	16.0	1.59
769	1/5/2008 14:31	8.71	42.134	26.85	9.52	7.72	16.4	1.54
770	1/5/2008 14:46	8.67	41.899	26.68	9.49	7.72	16.5	1.40
771	1/5/2008 15:01	8.62	41.610	26.48	9.4	7.7	16.7	1.29
772	1/5/2008 15:16	8.63	41.736	26.56	9.49	7.72	19.0	1.20
773	1/5/2008 15:31	8.58	41.499	26.39	9.36	7.7	15.7	1.15
774	1/5/2008 15:46	8.56	41.423	26.34	9.36	7.7	15.1	1.07
775	1/5/2008 16:01	8.54	41.300	26.25	9.27	7.69	15.4	1.00
776	1/5/2008 16:16	8.54	41.250	26.22	9.19	7.68	14.0	1.01
777	1/5/2008 16:31	8.53	41.246	26.21	9.16	7.69	16.0	0.98
778	1/5/2008 16:46	8.52	41.258	26.22	9.21	7.69	17.3	0.98
779	1/5/2008 17:01	8.48	41.144	26.14	9.27	7.69	19.3	1.02
780	1/5/2008 17:16	8.46	39.894	25.27	9.33	7.68	19.2	1.07
781	1/5/2008 17:31	8.49	40.951	26.01	9.25	7.68	15.4	1.09
782	1/5/2008 17:46	8.57	40.177	25.47	9.28	7.67	16.0	1.17
783	1/5/2008 18:01	8.58	40.305	25.56	9.27	7.67	15.6	1.24
784	1/5/2008 18:16	8.59	40.671	25.82	9.24	7.68	14.5	1.36
785	1/5/2008 18:31	8.6	40.558	25.74	9.25	7.67	14.6	1.43
786	1/5/2008 18:46	8.6	40.713	25.85	9.22	7.67	14.0	1.51
787	1/5/2008 19:01	8.62	40.668	25.82	9.22	7.67	14.1	1.56
788	1/5/2008 19:16	8.61	40.701	25.84	9.26	7.68	15.7	1.66
789	1/5/2008 19:31	8.59	40.589	25.76	9.28	7.68	14.8	1.70
790	1/5/2008 19:46	8.57	40.655	25.8	9.3	7.68	17.3	1.81
791	1/5/2008 20:01	8.55	40.499	25.69	9.31	7.68	16.3	1.90
792	1/5/2008 20:16	8.55	40.913	25.98	9.3	7.69	16.7	1.97
793	1/5/2008 20:31	8.53	41.262	26.23	9.3	7.69	17.4	2.05
794	1/5/2008 20:46	8.57	42.249	26.92	9.26	7.7	22.3	2.13
795	1/5/2008 21:01	8.61	42.352	27	9.27	7.7	23.4	2.20
796	1/5/2008 21:16	8.65	42.232	26.91	9.31	7.7	24.9	2.31
797	1/5/2008 21:31	8.66	41.835	26.64	9.36	7.7	28.3	2.37
798	1/5/2008 21:46	8.7	41.959	26.72	9.41	7.71	28.2	2.44
799	1/5/2008 22:01	8.74	42.081	26.81	9.42	7.72	40.7	2.49
800	1/5/2008 22:16	8.77	42.001	26.76	9.44	7.72	48.7	2.57
801	1/5/2008 22:31	8.82	41.968	26.74	9.47	7.73	53.7	2.60
802	1/5/2008 22:46	8.99	42.055	26.81	9.64	7.75	52.3	2.71
803	1/5/2008 23:01	9.04	42.112	26.85	9.68	7.76	41.2	2.72
804	1/5/2008 23:16	9.02	42.037	26.8	9.6	7.75	34.3	2.73
805	1/5/2008 23:31	8.97	41.986	26.76	9.63	7.75	39.4	2.80
806	1/5/2008 23:46	8.99	42.098	26.84	9.58	7.75	36.9	2.79
807	1/6/2008 00:01	9.07	42.143	26.88	9.69	7.77	47.5	2.76
808	1/6/2008 00:16	8.96	41.954	26.74	9.61	7.75	29.3	2.73
809	1/6/2008 00:31	8.84	41.991	26.76	9.52	7.73	32.6	2.71

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
810	1/6/2008 00:46	8.63	41.406	26.33	9.46	7.71	23.2	2.64
811	1/6/2008 01:01	8.59	41.334	26.28	9.42	7.71	23.1	2.60
812	1/6/2008 01:16	8.72	41.796	26.61	9.45	7.72	28.2	2.53
813	1/6/2008 01:31	8.5	41.485	26.38	9.31	7.69	18.3	2.49
814	1/6/2008 01:46	8.31	40.983	26.02	9.28	7.68	14.9	2.42
815	1/6/2008 02:01	8.25	40.239	25.49	9.3	7.67	14.2	2.39
816	1/6/2008 02:16	8.3	40.734	25.84	9.22	7.67	12.3	2.35
817	1/6/2008 02:31	8.48	41.306	26.25	9.21	7.68	12.8	2.34
818	1/6/2008 02:46	8.52	41.425	26.34	9.19	7.68	9.7	2.28
819	1/6/2008 03:01	8.5	41.490	26.38	9.15	7.68	9.4	2.29
820	1/6/2008 03:16	8.44	41.351	26.28	9.19	7.68	9.4	2.28
821	1/6/2008 03:31	8.39	41.183	26.16	9.22	7.67	10.7	2.27
822	1/6/2008 03:46	8.38	41.045	26.06	9.25	7.67	13.3	2.27
823	1/6/2008 04:01	8.45	41.271	26.23	9.27	7.68	14.8	2.28
824	1/6/2008 04:16	8.47	41.313	26.26	9.27	7.68	13.3	2.27
825	1/6/2008 04:31	8.46	41.187	26.17	9.26	7.68	15.4	2.29
826	1/6/2008 04:46	8.46	41.242	26.21	9.28	7.68	16.0	2.33
827	1/6/2008 05:01	8.48	41.277	26.23	9.3	7.69	18.8	2.36
828	1/6/2008 05:16	8.5	41.085	26.1	9.35	7.69	20.9	2.39
829	1/6/2008 05:31	8.6	41.477	26.38	9.33	7.7	25.3	2.46
830	1/6/2008 05:46	8.68	41.564	26.45	9.39	7.71	28.3	2.53
831	1/6/2008 06:01	8.68	41.442	26.36	9.48	7.71	29.4	2.57
832	1/6/2008 06:16	8.89	41.818	26.64	9.56	7.74	35.1	2.66
833	1/6/2008 06:31	8.91	41.898	26.7	9.64	7.75	61.1	2.71
834	1/6/2008 06:46	8.93	41.968	26.75	9.69	7.76	45.9	2.79
835	1/6/2008 07:01	8.96	41.965	26.75	9.7	7.76	45.5	2.86
836	1/6/2008 07:16	8.94	41.920	26.71	9.72	7.77	39.9	2.93
837	1/6/2008 07:31	9.07	42.168	26.89	9.74	7.78	41.3	3.00
838	1/6/2008 07:46	9.03	42.062	26.82	9.76	7.78		3.07
839	1/6/2008 08:01	9.08	41.983	26.77	9.73	7.78	39.4	3.14
840	1/6/2008 08:16	9.14	42.234	26.94	9.8	7.8	43.2	3.19
841	1/6/2008 08:31	9.05	42.111	26.85	9.86	7.81	28.6	3.24
842	1/6/2008 08:46	9.33	42.891	27.42	9.77	7.82	33.2	3.29
843	1/6/2008 09:01	9.43	43.317	27.73	9.74	7.82	35.7	3.33
844	1/6/2008 09:16	9.46	43.513	27.87	9.74	7.81	32.9	3.35
845	1/6/2008 09:31	9.48	43.626	27.95	9.74	7.81	34.0	3.38
846	1/6/2008 09:46	9.51	43.711	28.01	9.72	7.81	36.6	3.40
847	1/6/2008 10:01	9.52	43.750	28.04	9.54	7.8	35.1	3.39
848	1/6/2008 10:16	9.52	43.766	28.05	9.7	7.81	39.7	3.36
849	1/6/2008 10:31	8.82	42.123	26.85	9.61	7.74	25.1	3.34
850	1/6/2008 10:46	8.59	40.922	25.99	9.65	7.72	18.5	3.29
851	1/6/2008 11:01	8.7	40.616	25.78	9.67	7.73	20.9	3.21
852	1/6/2008 11:16	8.61	41.208	26.19	9.63	7.72	16.0	3.11
853	1/6/2008 11:31	8.65	41.437	26.36	9.67	7.73	15.9	3.03
854	1/6/2008 11:46	8.6	41.284	26.25	9.62	7.71	16.5	2.92

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
855	1/6/2008 12:01	8.6	41.091	26.11	9.62	7.71	23.0	2.83
856	1/6/2008 12:16	8.49	40.784	25.89	9.62	7.7	19.1	2.73
857	1/6/2008 12:31	8.5	40.887	25.96	9.59	7.7	17.5	2.60
858	1/6/2008 12:46	8.48	40.883	25.96	9.6	7.7	17.7	2.49
859	1/6/2008 13:01	8.45	40.889	25.96	9.57	7.7	15.0	2.37
860	1/6/2008 13:16	8.42	40.843	25.93	9.57	7.69	14.9	2.25
861	1/6/2008 13:31	8.36	40.747	25.85	9.56	7.69	16.6	2.14
862	1/6/2008 13:46	8.27	40.584	25.74	9.5	7.68	20.6	2.03
863	1/6/2008 14:01	8.36	40.895	25.96	9.55	7.7	17.7	1.90
864	1/6/2008 14:16	8.3	40.826	25.91	9.51	7.69	16.5	1.78
865	1/6/2008 14:31	8.3	40.881	25.94	9.56	7.69	15.7	1.65
866	1/6/2008 14:46	8.22	40.760	25.85	9.54	7.69	16.8	1.53
867	1/6/2008 15:01	8.11	40.583	25.72	9.53	7.68	17.7	1.38
868	1/6/2008 15:16	8.04	40.544	25.69	9.57	7.68	19.2	1.28
869	1/6/2008 15:31	8	40.549	25.69	9.54	7.68	21.8	1.14
870	1/6/2008 15:46	7.97	40.560	25.7	9.55	7.67	23.6	1.07
871	1/6/2008 16:01	7.94	40.601	25.73	9.49	7.67	24.3	0.96
872	1/6/2008 16:16	7.91	40.649	25.76	9.4	7.65	21.8	0.90
873	1/6/2008 16:31	7.91	40.667	25.77	9.38	7.65	20.4	0.87
874	1/6/2008 16:46	7.95	40.562	25.7	9.47	7.67	27.4	0.81
875	1/6/2008 17:01	7.94	40.558	25.7	9.47	7.67	22.1	0.81
876	1/6/2008 17:16	7.91	40.486	25.64	9.46	7.66	19.5	0.84
877	1/6/2008 17:31	7.89	40.502	25.65	9.41	7.65	17.9	0.87
878	1/6/2008 17:46	7.86	39.934	25.26	9.43	7.64	21.1	0.94
879	1/6/2008 18:01	7.88	39.552	24.99	9.43	7.64	18.8	1.02
880	1/6/2008 18:16	7.87	39.221	24.76	9.4	7.63	18.2	1.09
881	1/6/2008 18:31	7.89	39.035	24.63	9.4	7.62	17.1	1.15
882	1/6/2008 18:46	7.94	38.889	24.53	9.39	7.62	16.7	1.23
883	1/6/2008 19:01	7.94	38.616	24.35	9.4	7.62	16.3	1.29
884	1/6/2008 19:16	7.95	38.758	24.44	9.4	7.62	15.8	1.39
885	1/6/2008 19:31	7.96	38.826	24.49	9.37	7.62	15.5	1.48
886	1/6/2008 19:46	7.98	38.936	24.57	9.39	7.63	17.3	1.55
887	1/6/2008 20:01	7.96	38.408	24.2	9.43	7.63	17.0	1.64
888	1/6/2008 20:16	7.94	38.697	24.4	9.49	7.64	18.5	1.74
889	1/6/2008 20:31	7.91	38.167	24.03	9.53	7.64	18.5	1.84
890	1/6/2008 20:46	8.01	38.805	24.48	9.49	7.65	21.9	1.93
891	1/6/2008 21:01	8.07	39.890	25.24	9.46	7.67	26.8	2.01
892	1/6/2008 21:16	8.06	39.880	25.23	9.47	7.67	23.6	2.10
893	1/6/2008 21:31	8.1	40.092	25.38	9.47	7.67	30.5	2.17
894	1/6/2008 21:46	8.17	40.046	25.35	9.49	7.68	32.3	2.25
895	1/6/2008 22:01	8.22	40.033	25.35	9.52	7.68	38.3	2.33
896	1/6/2008 22:16	8.24	40.012	25.33	9.54	7.68	38.4	2.39
897	1/6/2008 22:31	8.29	40.221	25.48	9.56	7.69	40.0	2.49
898	1/6/2008 22:46	8.38	40.587	25.74	9.57	7.7	49.8	2.57
899	1/6/2008 23:01	8.48	41.126	26.13	9.59	7.71	65.7	2.62

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
900	1/6/2008 23:16	8.56	41.571	26.44	9.62	7.73	50.5	2.68
901	1/6/2008 23:31	8.58	41.712	26.54	9.57	7.73	50.5	2.75
902	1/6/2008 23:46	8.45	41.240	26.21	9.52	7.71	21.0	2.76
903	1/7/2008 00:01	8.59	41.837	26.63	9.52	7.73	19.9	2.78
904	1/7/2008 00:16	8.65	42.177	26.87	9.57	7.73	32.8	2.79
905	1/7/2008 00:31	8.65	42.137	26.85	9.61	7.74	34.7	2.78
906	1/7/2008 00:46	8.48	41.468	26.37	9.57	7.72	22.9	2.75
907	1/7/2008 01:01	8.36	40.901	25.96	9.57	7.7	27.8	2.72
908	1/7/2008 01:16	8.06	39.814	25.19	9.54	7.67	26.2	2.66
909	1/7/2008 01:31	8.17	40.168	25.44	9.55	7.68	28.2	2.60
910	1/7/2008 01:46	8.06	39.897	25.24	9.53	7.67	32.1	2.55
911	1/7/2008 02:01	7.97	39.879	25.22	9.48	7.66	27.1	2.51
912	1/7/2008 02:16	8.1	39.915	25.26	9.45	7.67	22.7	2.45
913	1/7/2008 02:31	8.09	40.058	25.36	9.48	7.67	23.7	2.39
914	1/7/2008 02:46	8.02	39.975	25.29	9.45	7.66	19.5	2.34
915	1/7/2008 03:01	8	40.004	25.31	9.49	7.66	17.2	2.31
916	1/7/2008 03:16	7.76	39.042	24.63	9.47	7.64	16.6	2.28
917	1/7/2008 03:31	7.71	38.885	24.52	9.45	7.64	16.8	2.23
918	1/7/2008 03:46	7.73	39.211	24.74	9.44	7.65	36.8	2.21
919	1/7/2008 04:01	7.83	39.399	24.88	9.32	7.65	18.7	2.22
920	1/7/2008 04:16	7.88	39.506	24.96	9.2	7.65	11.4	2.21
921	1/7/2008 04:31	8	39.801	25.17	9.42	7.66	17.1	2.21
922	1/7/2008 04:46	7.99	39.827	25.19	9.42	7.67	14.6	2.21
923	1/7/2008 05:01	7.62	38.707	24.39	9.52	7.64	15.9	2.26
924	1/7/2008 05:16	7.94	39.680	25.08	9.45	7.66	19.6	2.26
925	1/7/2008 05:31	7.94	39.660	25.07	9.46	7.66	19.5	2.30
926	1/7/2008 05:46	7.98	39.633	25.05	9.47	7.66	20.9	2.33
927	1/7/2008 06:01	8.09	39.941	25.28	9.48	7.68	22.0	2.39
928	1/7/2008 06:16	8.11	40.017	25.33	9.49	7.68	20.6	2.45
929	1/7/2008 06:31	8.2	40.317	25.54	9.52	7.68	19.3	2.51
930	1/7/2008 06:46	8.22	40.339	25.56	9.54	7.69	21.2	2.58
931	1/7/2008 07:01	8.17	40.146	25.42	9.55	7.68	22.7	2.66
932	1/7/2008 07:16	8.5	41.594	26.46	9.54	7.72	33.8	2.72
933	1/7/2008 07:31	8.39	41.291	26.24	9.64	7.73	59.2	2.80
934	1/7/2008 07:46	8.31	41.412	26.32	9.63	7.72	27.0	2.88
935	1/7/2008 08:01	8.48	41.753	26.57	9.61	7.74	24.0	2.95
936	1/7/2008 08:16	8.89	43.198	27.61	9.56	7.76	34.3	3.01
937	1/7/2008 08:31	8.85	42.905	27.4	9.6	7.77	39.6	3.10
938	1/7/2008 08:46	8.9	43.048	27.5	9.61	7.78	30.9	3.18
939	1/7/2008 09:01	9.04	43.521	27.85	9.59	7.79	30.8	3.23
940	1/7/2008 09:16	9.03	43.504	27.83	9.64	7.79	26.4	3.31
941	1/7/2008 09:31	9.14	43.981	28.18	9.58	7.8	27.9	3.35
942	1/7/2008 09:46	9.2	44.197	28.33	9.58	7.81	22.6	3.39
943	1/7/2008 10:01	9.31	44.668	28.68	9.55	7.81	25.1	3.42
944	1/7/2008 10:16	9.28	44.573	28.61	9.49	7.81	27.5	3.44

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
945	1/7/2008 10:31	9.35	44.895	28.84	9.52	7.81	25.1	3.45
946	1/7/2008 10:46	9.37	45.012	28.92	9.55	7.82	25.8	3.42
947	1/7/2008 11:01	9.36	44.966	28.89	9.51	7.81	26.8	3.39
948	1/7/2008 11:16	8.34	40.406	25.62	9.67	7.72	25.2	3.35
949	1/7/2008 11:31	8.62	41.328	26.28	9.6	7.74	18.9	3.27
950	1/7/2008 11:46	8.11	39.032	24.64	9.67	7.68	13.9	3.20
951	1/7/2008 12:01	8.28	39.892	25.25	9.59	7.69	19.0	3.10
952	1/7/2008 12:16	8.49	40.953	26.01	9.6	7.71	25.3	3.01
953	1/7/2008 12:31	8.61	41.300	26.26	9.6	7.72	20.1	2.89
954	1/7/2008 12:46	8.66	41.561	26.44	9.64	7.74	27.8	2.78
955	1/7/2008 13:01	8.61	41.202	26.19	9.63	7.73	18.0	2.67
956	1/7/2008 13:16	8.62	41.360	26.3	9.61	7.73	19.3	2.57
957	1/7/2008 13:31	8.59	40.964	26.02	9.64	7.72	14.4	2.44
958	1/7/2008 13:46	8.51	40.998	26.04	9.68	7.72	14.8	2.31
959	1/7/2008 14:01	8.53	40.964	26.02	9.71	7.72	14.0	2.20
960	1/7/2008 14:16	8.42	40.618	25.77	9.7	7.71	14.3	2.07
961	1/7/2008 14:31	8.4	40.450	25.65	9.71	7.71	16.4	1.93
962	1/7/2008 14:46	8.45	40.465	25.66	9.83	7.72	16.3	1.80
963	1/7/2008 15:01	8.38	40.323	25.56	9.89	7.72	16.2	1.65
964	1/7/2008 15:16	8.15	39.894	25.25	9.79	7.69	24.9	1.53
965	1/7/2008 15:31	8.13	39.752	25.15	9.9	7.71	22.3	1.40
966	1/7/2008 15:46	8.01	39.560	25	9.89	7.69	33.6	1.25
967	1/7/2008 16:01	7.9	39.390	24.88	9.75	7.67	21.9	1.12
968	1/7/2008 16:16	7.82	39.292	24.81	9.74	7.66	28.5	1.02
969	1/7/2008 16:31	7.74	39.199	24.74	9.66	7.65	24.8	0.92
970	1/7/2008 16:46	7.7	39.171	24.72	9.63	7.64	24.3	0.82
971	1/7/2008 17:01	7.67	39.150	24.7	9.61	7.64	19.6	0.78
972	1/7/2008 17:16	7.66	39.129	24.68	9.57	7.64	20.2	0.72
973	1/7/2008 17:31	7.66	39.140	24.69	9.58	7.64	18.6	0.76
974	1/7/2008 17:46	7.67	39.158	24.7	9.63	7.64	16.1	0.77
975	1/7/2008 18:01	7.69	39.154	24.7	9.63	7.64	15.3	0.82
976	1/7/2008 18:16	7.72	38.513	24.26	9.64	7.64	15.5	0.89
977	1/7/2008 18:31	7.76	38.885	24.52	9.61	7.64	15.8	0.94
978	1/7/2008 18:46	7.8	37.947	23.87	9.63	7.63	17.6	0.99
979	1/7/2008 19:01	7.81	38.694	24.39	9.6	7.64	16.6	1.09
980	1/7/2008 19:16	7.87	38.383	24.18	9.62	7.64	17.0	1.17
981	1/7/2008 19:31	7.88	38.273	24.1	9.62	7.63	17.3	1.22
982	1/7/2008 19:46	7.9	38.300	24.12	9.6	7.63	16.2	1.30
983	1/7/2008 20:01	7.93	37.920	23.86	9.61	7.63	15.4	1.40
984	1/7/2008 20:16	7.98	37.235	23.39	9.65	7.63	18.0	1.50
985	1/7/2008 20:31	8.05	38.090	23.99	9.61	7.64	18.1	1.59
986	1/7/2008 20:46	8.07	37.898	23.86	9.63	7.65	19.1	1.69
987	1/7/2008 21:01	8.07	37.781	23.78	9.63	7.65	19.3	1.80
988	1/7/2008 21:16	8.12	38.665	24.39	9.6	7.66	23.1	1.89
989	1/7/2008 21:31	8.16	39.345	24.87	9.59	7.67	27.4	1.97

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
990	1/7/2008 21:46	8.17	39.474	24.96	9.59	7.67	26.5	2.07
991	1/7/2008 22:01	8.16	39.015	24.64	9.62	7.67	25.6	2.16
992	1/7/2008 22:16	8.23	39.434	24.93	9.62	7.68	32.9	2.25
993	1/7/2008 22:31	8.3	39.774	25.17	9.63	7.69	42.7	2.33
994	1/7/2008 22:46	8.35	40.088	25.39	9.65	7.7	44.4	2.42
995	1/7/2008 23:01	8.42	40.487	25.68	9.66	7.71	41.4	2.49
996	1/7/2008 23:16	8.53	41.070	26.09	9.7	7.73	43.7	2.55
997	1/7/2008 23:31	8.6	41.542	26.43	9.68	7.74	38.6	2.63
998	1/7/2008 23:46	8.59	41.586	26.46	9.68	7.74	31.4	2.68
999	1/8/2008 00:01	8.74	42.332	26.99	9.66	7.75	33.2	2.74
1000	1/8/2008 00:16	8.73	42.372	27.02	9.65	7.76	25.1	2.77
1001	1/8/2008 00:31	8.75	42.532	27.13	9.6	7.76	19.1	2.80
1002	1/8/2008 00:46	8.56	41.484	26.38	9.59	7.73	20.8	2.83
1003	1/8/2008 01:01	8.45	41.236	26.2	9.65	7.73	22.6	2.80
1004	1/8/2008 01:16	8.55	41.754	26.57	9.64	7.74	23.9	2.79
1005	1/8/2008 01:31	8.44	41.365	26.29	9.69	7.73	32.9	2.75
1006	1/8/2008 01:46	8.3	40.696	25.82	9.72	7.72	36.5	2.71
1007	1/8/2008 02:01	8.2	40.040	25.35	9.74	7.7	41.2	2.66
1008	1/8/2008 02:16	8.16	39.868	25.23	9.76	7.7	38.4	2.58
1009	1/8/2008 02:31	8.2	40.053	25.36	9.75	7.7	36.8	2.54
1010	1/8/2008 02:46	8.17	40.000	25.32	9.74	7.7	45.7	2.47
1011	1/8/2008 03:01	8.14	39.903	25.25	9.73	7.69	57.5	2.42
1012	1/8/2008 03:16	8.07	39.660	25.08	9.74	7.69	61.9	2.36
1013	1/8/2008 03:31	7.96	38.632	24.36	9.82	7.68	43.4	2.34
1014	1/8/2008 03:46	7.91	38.283	24.11	9.83	7.67	42.0	2.28
1015	1/8/2008 04:01	7.89	38.019	23.93	9.83	7.66	38.6	2.23
1016	1/8/2008 04:16	7.86	37.804	23.78	9.82	7.66	35.7	2.24
1017	1/8/2008 04:31	7.85	37.708	23.71	9.82	7.66	32.5	2.19
1018	1/8/2008 04:46	7.85	37.667	23.68	9.84	7.66	31.0	2.19
1019	1/8/2008 05:01	7.86	37.771	23.76	9.87	7.66	33.6	2.19
1020	1/8/2008 05:16	7.89	38.331	24.14	9.86	7.67	33.3	2.18
1021	1/8/2008 05:31	7.84	38.167	24.03	9.86	7.67	34.4	2.19
1022	1/8/2008 05:46	7.9	38.722	24.42	9.87	7.68	31.3	2.21
1023	1/8/2008 06:01	7.99	39.353	24.86	9.81	7.68	30.3	2.23
1024	1/8/2008 06:16	8.19	40.352	25.57	9.78	7.71	29.3	2.27
1025	1/8/2008 06:31	8.38	41.306	26.25	9.7	7.72	35.6	2.29
1026	1/8/2008 06:46	8.22	40.831	25.9	9.77	7.72	32.0	2.34
1027	1/8/2008 07:01	8.16	40.603	25.74	9.82	7.72	46.7	2.42
1028	1/8/2008 07:16	8.18	40.655	25.78	9.81	7.72	55.0	2.47
1029	1/8/2008 07:31	8.28	41.119	26.11	9.78	7.73	26.1	2.54
1030	1/8/2008 07:46	8.41	41.663	26.5	9.75	7.74	33.2	2.62
1031	1/8/2008 08:01	8.43	41.790	26.59	9.74	7.74	27.9	2.70
1032	1/8/2008 08:16	8.51	42.153	26.85	9.73	7.75	39.2	2.79
1033	1/8/2008 08:31	8.66	42.704	27.25	9.71	7.77	32.1	2.87
1034	1/8/2008 08:46	8.77	43.139	27.56	9.67	7.78	27.8	2.95

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1035	1/8/2008 09:01	8.97	43.914	28.12	9.62	7.79	27.6	3.03
1036	1/8/2008 09:16	9.18	44.869	28.81	9.57	7.8	35.4	3.12
1037	1/8/2008 09:31	9.28	45.306	29.13	9.54	7.81	39.1	3.19
1038	1/8/2008 09:46	9.37	45.696	29.41	9.53	7.82	35.7	3.27
1039	1/8/2008 10:01	9.36	45.799	29.48	9.51	7.83	54.4	3.34
1040	1/8/2008 10:16	9.36	45.911	29.56	9.49	7.83	32.2	3.39
1041	1/8/2008 10:31	9.35	45.902	29.56	9.48	7.83	27.2	3.44
1042	1/8/2008 10:46	9.34	45.862	29.53	9.43	7.83	21.8	3.48
1043	1/8/2008 11:01	9.36	45.965	29.6	9.39	7.83	18.3	3.51
1044	1/8/2008 11:16	9.35	45.883	29.54	9.38	7.83	21.1	3.50
1045	1/8/2008 11:31	9.32	45.777	29.46	9.47	7.83	25.2	3.49
1046	1/8/2008 11:46	9.32	45.746	29.44	9.44	7.82	25.3	3.46
1047	1/8/2008 12:01	9.07	44.416	28.48	9.53	7.8	20.3	3.40
1048	1/8/2008 12:16	9.01	44.033	28.21	9.57	7.79	19.9	3.33
1049	1/8/2008 12:31	9.04	44.153	28.29	9.58	7.79	23.3	3.22
1050	1/8/2008 12:46	8.78	42.234	26.92	9.7	7.77	19.8	3.13
1051	1/8/2008 13:01	8.78	42.411	27.05	9.67	7.77	18.1	3.02
1052	1/8/2008 13:16	8.76	42.250	26.93	9.68	7.77	17.7	2.91
1053	1/8/2008 13:31	8.78	42.389	27.03	9.68	7.77	22.9	2.80
1054	1/8/2008 13:46	8.68	42.127	26.84	9.71	7.76	31.5	2.67
1055	1/8/2008 14:01	8.59	41.744	26.57	9.74	7.76	32.5	2.55
1056	1/8/2008 14:16	8.53	41.687	26.52	9.71	7.74	33.6	2.44
1057	1/8/2008 14:31	8.44	41.116	26.12	9.74	7.73	38.9	2.30
1058	1/8/2008 14:46	8.4	40.746	25.86	9.76	7.72	35.7	2.17
1059	1/8/2008 15:01	8.44	40.687	25.82	9.76	7.73	31.0	2.05
1060	1/8/2008 15:16	8.44	40.546	25.72	9.76	7.72	26.6	1.91
1061	1/8/2008 15:31	8.5	40.617	25.77	9.79	7.73	23.8	1.77
1062	1/8/2008 15:46	8.3	40.243	25.5	9.85	7.71	33.7	1.62
1063	1/8/2008 16:01	8.37	40.347	25.58	9.87	7.72	29.8	1.48
1064	1/8/2008 16:16	8.29	40.221	25.48	9.86	7.73	28.1	1.35
1065	1/8/2008 16:31	8.21	40.023	25.34	9.91	7.72	28.9	1.21
1066	1/8/2008 16:46	8.12	39.780	25.17	9.9	7.71	29.2	1.08
1067	1/8/2008 17:01	7.92	39.344	24.85	9.88	7.69	34.6	0.97
1068	1/8/2008 17:16	7.84	39.174	24.73	9.87	7.68	34.8	0.88
1069	1/8/2008 17:31	7.81	39.058	24.64	9.85	7.67	31.1	0.80
1070	1/8/2008 17:46	7.77	38.974	24.58	9.83	7.67	28.2	0.76
1071	1/8/2008 18:01	7.77	38.946	24.56	9.76	7.66	24.3	0.74
1072	1/8/2008 18:16	7.78	38.983	24.59	9.82	7.67	25.4	0.75
1073	1/8/2008 18:31	7.83	39.124	24.69	9.83	7.67	26.9	0.80
1074	1/8/2008 18:46	7.87	39.222	24.76	9.8	7.67	25.3	0.86
1075	1/8/2008 19:01	7.9	37.924	23.86	9.84	7.66	22.8	0.90
1076	1/8/2008 19:16	7.93	38.969	24.59	9.79	7.67	22.1	0.99
1077	1/8/2008 19:31	7.98	38.826	24.49	9.79	7.67	23.3	1.06
1078	1/8/2008 19:46	8.01	38.745	24.44	9.8	7.67	24.9	1.14
1079	1/8/2008 20:01	8.06	38.649	24.38	9.78	7.67	21.4	1.24

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1080	1/8/2008 20:16	8.11	37.672	23.7	9.81	7.67	21.7	1.31
1081	1/8/2008 20:31	8.14	38.084	23.99	9.78	7.67	20.1	1.40
1082	1/8/2008 20:46	8.16	37.680	23.71	9.8	7.67	20.3	1.50
1083	1/8/2008 21:01	8.19	37.429	23.54	9.8	7.67	18.8	1.59
1084	1/8/2008 21:16	8.19	37.060	23.28	9.83	7.67	18.9	1.69
1085	1/8/2008 21:31	8.2	38.379	24.2	9.76	7.68	19.7	1.80
1086	1/8/2008 21:46	8.17	37.753	23.76	9.83	7.68	23.2	1.89
1087	1/8/2008 22:01	8.18	38.019	23.95	9.83	7.68	26.6	1.99
1088	1/8/2008 22:16	8.21	38.781	24.48	9.79	7.69	26.2	2.08
1089	1/8/2008 22:31	8.22	39.509	24.98	9.78	7.7	30.1	2.17
1090	1/8/2008 22:46	8.28	39.617	25.06	9.75	7.71	32.6	2.26
1091	1/8/2008 23:01	8.32	39.639	25.08	9.75	7.71	35.6	2.35
1092	1/8/2008 23:16	8.35	39.722	25.14	9.75	7.72	44.8	2.43
1093	1/8/2008 23:31	8.36	39.862	25.24	9.75	7.72	44.8	2.50
1094	1/8/2008 23:46	8.54	41.117	26.13	9.72	7.74	93.3	2.59
1095	1/9/2008 00:01	8.69	41.806	26.62	9.66	7.76	57.7	2.65
1096	1/9/2008 00:16	8.76	42.107	26.83	9.64	7.77	42.5	2.71
1097	1/9/2008 00:31	8.83	42.416	27.05	9.59	7.77	30.6	2.78
1098	1/9/2008 00:46	8.85	42.543	27.15	9.55	7.77	20.8	2.82
1099	1/9/2008 01:01	8.82	42.382	27.03	9.52	7.77	22.5	2.85
1100	1/9/2008 01:16	8.85	42.511	27.12	9.41	7.76	19.4	2.86
1101	1/9/2008 01:31	8.81	42.354	27.01	9.59	7.77	21.2	2.85
1102	1/9/2008 01:46	8.73	41.967	26.73	9.56	7.76	20.3	2.84
1103	1/9/2008 02:01	8.27	38.073	23.99	9.75	7.7	24.0	2.79
1104	1/9/2008 02:16	8.39	39.249	24.81	9.7	7.71	25.0	2.74
1105	1/9/2008 02:31	8.45	39.884	25.26	9.68	7.72	37.3	2.69
1106	1/9/2008 02:46	8.27	38.947	24.6	9.73	7.7	33.3	2.60
1107	1/9/2008 03:01	8.32	39.467	24.96	9.7	7.7	44.7	2.53
1108	1/9/2008 03:16	8.3	39.339	24.87	9.7	7.7	25.9	2.47
1109	1/9/2008 03:31	8.22	38.828	24.51	9.69	7.69	19.4	2.39
1110	1/9/2008 03:46	8.21	38.805	24.49	9.7	7.69	16.6	2.33
1111	1/9/2008 04:01	8.17	38.459	24.25	9.69	7.68	16.8	2.28
1112	1/9/2008 04:16	8.16	38.236	24.1	9.68	7.68	15.5	2.24
1113	1/9/2008 04:31	8.17	38.455	24.25	9.68	7.68	17.1	2.19
1114	1/9/2008 04:46	8.18	38.534	24.3	9.67	7.68	16.2	2.16
1115	1/9/2008 05:01	8.18	38.622	24.36	9.67	7.68	16.7	2.13
1116	1/9/2008 05:16	8.14	38.255	24.11	9.63	7.67	14.6	2.11
1117	1/9/2008 05:31	8.1	37.993	23.92	9.63	7.67	13.3	2.08
1118	1/9/2008 05:46	8.13	38.008	23.94	9.55	7.67	15.2	2.10
1119	1/9/2008 06:01	8.13	38.054	23.97	9.68	7.67	15.3	2.09
1120	1/9/2008 06:16	8.2	38.596	24.35	9.63	7.68	15.8	2.11
1121	1/9/2008 06:31	8.16	38.348	24.17	9.7	7.68	15.1	2.13
1122	1/9/2008 06:46	8.21	38.617	24.36	9.67	7.68	17.1	2.16
1123	1/9/2008 07:01	8.24	38.806	24.5	9.64	7.68	19.2	2.22
1124	1/9/2008 07:16	8.34	39.373	24.9	9.64	7.7	24.6	2.27

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1125	1/9/2008 07:31	8.33	39.317	24.86	9.66	7.7	27.4	2.35
1126	1/9/2008 07:46	8.38	39.304	24.85	9.66	7.7	24.2	2.41
1127	1/9/2008 08:01	8.41	39.365	24.89	9.68	7.71	18.6	2.42
1128	1/9/2008 08:16	8.4	39.436	24.94	9.68	7.71	19.2	2.50
1129	1/9/2008 08:31	8.39	39.615	25.07	9.7	7.71	22.8	2.58
1130	1/9/2008 08:46	8.65	41.112	26.13	9.62	7.74	25.4	2.70
1131	1/9/2008 09:01	8.42	39.912	25.28	9.69	7.72	24.9	2.76
1132	1/9/2008 09:16	8.57	40.454	25.66	9.66	7.74	21.5	2.87
1133	1/9/2008 09:31	8.73	40.982	26.04	9.6	7.75	22.3	2.93
1134	1/9/2008 09:46	9.03	42.335	27.01	9.55	7.78	27.4	3.00
1135	1/9/2008 10:01	9.14	42.784	27.33	9.54	7.79	27.3	3.11
1136	1/9/2008 10:16	9.25	43.276	27.69	9.51	7.81	24.8	3.17
1137	1/9/2008 10:31	9.33	43.901	28.13	9.5	7.81	32.4	3.24
1138	1/9/2008 10:46	9.37	44.092	28.27	9.48	7.82	25.2	3.28
1139	1/9/2008 11:01	9.45	44.598	28.64	9.43	7.83	20.6	3.39
1140	1/9/2008 11:16	9.44	44.476	28.55	9.43	7.82	18.7	3.43
1141	1/9/2008 11:31	9.48	44.842	28.81	9.37	7.83	23.1	3.45
1142	1/9/2008 11:46	9.44	44.600	28.64	9.33	7.82	17.4	3.47
1143	1/9/2008 12:01	9.51	44.990	28.92	9.44	7.83	20.3	3.43
1144	1/9/2008 12:16	9.5	44.992	28.92	9.39	7.83	16.8	3.41
1145	1/9/2008 12:31	9.31	43.992	28.2	9.45	7.81	17.7	3.37
1146	1/9/2008 12:46	8.85	41.376	26.33	9.58	7.77	20.9	3.26
1147	1/9/2008 13:01	9.08	42.489	27.12	9.53	7.79	22.0	3.21
1148	1/9/2008 13:16	8.83	41.165	26.18	9.65	7.77	27.0	3.11
1149	1/9/2008 13:31	8.99	41.818	26.64	9.53	7.76	24.1	3.05
1150	1/9/2008 13:46	8.71	39.942	25.31	9.62	7.74	17.4	2.89
1151	1/9/2008 14:01	8.83	40.658	25.82	9.62	7.75	20.6	2.80
1152	1/9/2008 14:16	8.86	41.289	26.26	9.58	7.76	26.0	2.69
1153	1/9/2008 14:31	8.78	40.767	25.89	9.61	7.75	23.4	2.59
1154	1/9/2008 14:46	8.72	40.343	25.59	9.63	7.74	14.1	2.45
1155	1/9/2008 15:01	8.68	40.578	25.76	9.6	7.74	14.4	2.32
1156	1/9/2008 15:16	8.57	40.108	25.42	9.62	7.73	14.7	2.19
1157	1/9/2008 15:31	8.41	39.453	24.96	9.63	7.7	19.0	2.04
1158	1/9/2008 15:46	8.44	39.556	25.03	9.64	7.71	16.5	1.89
1159	1/9/2008 16:01	8.41	39.530	25.01	9.64	7.7	16.0	1.77
1160	1/9/2008 16:16	8.25	38.950	24.6	9.65	7.69	22.1	1.62
1161	1/9/2008 16:31	8.19	38.792	24.48	9.63	7.68	22.3	1.50
1162	1/9/2008 16:46	8.12	38.593	24.34	9.63	7.67	24.4	1.37
1163	1/9/2008 17:01	8.08	38.431	24.23	9.6	7.66	23.2	1.21
1164	1/9/2008 17:16	7.97	37.926	23.87	9.58	7.64	24.8	1.08
1165	1/9/2008 17:31	7.93	37.760	23.75	9.56	7.63	29.0	0.97
1166	1/9/2008 17:46	7.91	37.653	23.68	9.54	7.63	31.9	0.87
1167	1/9/2008 18:01	7.88	37.463	23.54	9.53	7.62	29.5	0.78
1168	1/9/2008 18:16	7.85	37.357	23.47	9.5	7.62	30.9	0.72
1169	1/9/2008 18:31	7.84	37.317	23.44	9.45	7.61	29.8	0.67

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1170	1/9/2008 18:46	7.85	37.396	23.5	9.53	7.62	25.9	0.68
1171	1/9/2008 19:01	7.87	37.493	23.56	9.55	7.62	26.6	0.73
1172	1/9/2008 19:16	7.89	37.599	23.64	9.52	7.62	32.3	0.78
1173	1/9/2008 19:31	7.94	35.624	22.28	9.62	7.61	36.8	0.83
1174	1/9/2008 19:46	7.95	36.767	23.07	9.55	7.62	28.1	0.94
1175	1/9/2008 20:01	8.02	36.469	22.87	9.58	7.61	25.0	1.01
1176	1/9/2008 20:16	8.02	36.244	22.71	9.55	7.62	21.7	1.06
1177	1/9/2008 20:31	8.04	37.060	23.28	9.55	7.62	20.6	1.20
1178	1/9/2008 20:46	8.08	36.614	22.97	9.56	7.63	18.8	1.21
1179	1/9/2008 21:01	8.11	37.036	23.26	9.52	7.63	19.0	1.34
1180	1/9/2008 21:16	8.16	36.543	22.93	9.57	7.63	19.6	1.45
1181	1/9/2008 21:31	8.23	36.782	23.1	9.58	7.64	19.1	1.51
1182	1/9/2008 21:46	8.3	37.592	23.66	9.59	7.66	19.6	1.65
1183	1/9/2008 22:01	8.33	38.306	24.15	9.55	7.67	25.7	1.76
1184	1/9/2008 22:16	8.31	38.233	24.1	9.57	7.67	25.7	1.86
1185	1/9/2008 22:31	8.34	38.447	24.25	9.59	7.68	26.5	1.98
1186	1/9/2008 22:46	8.35	38.313	24.16	9.62	7.68	26.0	2.09
1187	1/9/2008 23:01	8.43	38.910	24.58	9.59	7.7	31.4	2.16
1188	1/9/2008 23:16	8.52	39.481	24.98	9.6	7.71	39.2	2.28
1189	1/9/2008 23:31	8.58	39.661	25.11	9.61	7.72	43.0	2.36
1190	1/9/2008 23:46	8.63	39.970	25.33	9.62	7.73	41.9	2.44
1191	1/10/2008 00:01	8.74	40.598	25.77	9.66	7.74	44.5	2.54
1192	1/10/2008 00:16	8.89	41.499	26.41	9.74	7.76	43.1	2.60
1193	1/10/2008 00:31	9	42.157	26.88	9.79	7.77	44.2	2.67
1194	1/10/2008 00:46	9.17	43.221	27.64	9.85	7.79	52.5	2.75
1195	1/10/2008 01:01	9.33	44.147	28.31	9.86	7.8	47.4	2.82
1196	1/10/2008 01:16	9.38	44.416	28.5	9.84	7.81	36.4	2.89
1197	1/10/2008 01:31	9.41	44.557	28.6	9.85	7.81	26.1	2.91
1198	1/10/2008 01:46	9.36	44.357	28.46	9.79	7.81	25.3	2.92
1199	1/10/2008 02:01	9.53	45.338	29.17	9.83	7.82	26.1	2.92
1200	1/10/2008 02:16	9.42	44.732	28.73	9.8	7.81	18.3	2.88
1201	1/10/2008 02:31	9.49	45.136	29.02	9.83	7.82	21.5	2.86
1202	1/10/2008 02:46	8.82	40.922	26.01	9.75	7.75	23.8	2.80
1203	1/10/2008 03:01	8.96	41.808	26.63	9.83	7.76	24.5	2.76
1204	1/10/2008 03:16	8.9	41.167	26.18	9.77	7.75	32.5	2.69
1205	1/10/2008 03:31	8.74	40.575	25.76	9.76	7.73	28.2	2.62
1206	1/10/2008 03:46	8.72	40.277	25.55	9.74	7.73	25.4	2.53
1207	1/10/2008 04:01	8.68	39.985	25.34	9.72	7.73	22.2	2.48
1208	1/10/2008 04:16	8.61	39.453	24.97	9.69	7.71	19.1	2.40
1209	1/10/2008 04:31	8.54	39.093	24.71	9.67	7.7	18.8	2.34
1210	1/10/2008 04:46	8.5	38.838	24.53	9.67	7.69	18.4	2.26
1211	1/10/2008 05:01	8.46	38.526	24.31	9.66	7.69	17.4	2.23
1212	1/10/2008 05:16	8.42	38.133	24.04	9.67	7.68	16.9	2.19
1213	1/10/2008 05:31	8.48	38.386	24.22	9.67	7.68	17.0	2.14
1214	1/10/2008 05:46	8.47	38.314	24.17	9.64	7.68	16.1	2.12

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1215	1/10/2008 06:01	8.42	37.836	23.83	9.63	7.67	15.4	2.08
1216	1/10/2008 06:16	8.42	37.911	23.89	9.65	7.67	15.7	2.09
1217	1/10/2008 06:31	8.51	38.499	24.3	9.52	7.68	13.3	2.07
1218	1/10/2008 06:46	8.47	38.266	24.13	9.58	7.68	14.0	2.07
1219	1/10/2008 07:01	8.52	38.872	24.56	9.61	7.69	13.8	2.08
1220	1/10/2008 07:16	8.54	38.943	24.61	9.61	7.69	17.0	2.12
1221	1/10/2008 07:31	8.63	39.734	25.16	9.61	7.71	19.9	2.16
1222	1/10/2008 07:46	8.55	39.157	24.76	9.63	7.7	17.6	2.16
1223	1/10/2008 08:01	8.73	40.403	25.64	9.62	7.72	35.4	2.24
1224	1/10/2008 08:16	8.67	39.967	25.33	9.66	7.72	27.3	2.31
1225	1/10/2008 08:31	8.74	40.213	25.51	9.7	7.73	17.0	2.38
1226	1/10/2008 08:46	8.68	39.751	25.18	9.7	7.72	16.3	2.45
1227	1/10/2008 09:01	8.74	39.817	25.23	9.7	7.72	17.5	2.53
1228	1/10/2008 09:16	8.81	40.590	25.77	9.73	7.74	17.9	2.61
1229	1/10/2008 09:31	8.83	40.771	25.9	9.73	7.74	18.2	2.71
1230	1/10/2008 09:46	8.91	41.023	26.08	9.73	7.75	19.0	2.81
1231	1/10/2008 10:01	8.97	41.232	26.23	9.73	7.76	16.4	2.87
1232	1/10/2008 10:16	9.25	43.338	27.73	9.7	7.79	22.4	2.98
1233	1/10/2008 10:31	9.27	43.132	27.59	9.72	7.79	20.4	3.05
1234	1/10/2008 10:46	9.33	43.213	27.65	9.71	7.79	16.8	3.09
1235	1/10/2008 11:01	9.48	44.708	28.72	9.71	7.82	20.6	3.21
1236	1/10/2008 11:16	9.54	45.039	28.95	9.7	7.82	26.8	3.25
1237	1/10/2008 11:31	9.56	45.059	28.97	9.66	7.82	20.8	3.30
1238	1/10/2008 11:46	9.59	45.206	29.08	9.65	7.82	22.6	3.37
1239	1/10/2008 12:01	9.6	45.224	29.09	9.62	7.82	14.9	3.39
1240	1/10/2008 12:16	9.62	45.323	29.16	9.5	7.82	12.6	3.40
1241	1/10/2008 12:31	9.58	45.131	29.02	9.59	7.82	14.3	3.42
1242	1/10/2008 12:46	9.6	45.281	29.13	9.64	7.82	20.7	3.39
1243	1/10/2008 13:01	9.54	44.339	28.46	9.64	7.81	15.3	3.36
1244	1/10/2008 13:16	9.59	44.838	28.81	9.62	7.82	17.1	3.31
1245	1/10/2008 13:31	9.53	42.995	27.51	9.71	7.79	20.8	3.23
1246	1/10/2008 13:46	9.54	42.504	27.16	9.72	7.78	17.7	3.16
1247	1/10/2008 14:01	9.61	41.520	26.47	9.72	7.77	17.3	3.05
1248	1/10/2008 14:16	9.6	41.754	26.63	9.74	7.77	24.0	2.94
1249	1/10/2008 14:31	9.57	41.419	26.4	9.74	7.77	18.5	2.84
1250	1/10/2008 14:46	9.57	41.357	26.35	9.75	7.77	20.1	2.70
1251	1/10/2008 15:01	9.54	41.300	26.31	9.74	7.76	19.8	2.58
1252	1/10/2008 15:16	9.49	41.040	26.13	9.74	7.76	20.6	2.47
1253	1/10/2008 15:31	9.66	40.835	25.99	9.77	7.76	13.0	2.35
1254	1/10/2008 15:46	9.63	40.674	25.88	9.79	7.76	13.0	2.21
1255	1/10/2008 16:01	9.56	40.298	25.61	9.8	7.75	13.7	2.10
1256	1/10/2008 16:16	9.44	39.923	25.34	9.79	7.74	16.4	1.97
1257	1/10/2008 16:31	9.44	39.726	25.2	9.78	7.73	14.3	1.81
1258	1/10/2008 16:46	9.34	39.467	25.02	9.79	7.72	16.2	1.69
1259	1/10/2008 17:01	9.34	39.574	25.09	9.83	7.73	17.3	1.55

sonde #3		Indian Island Long-Term Deployment			Water Quality Data			TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1260	1/10/2008 17:16	9.16	39.342	24.92	9.77	7.72	20.4	1.39
1261	1/10/2008 17:31	9.08	39.058	24.72	9.71	7.71	21.7	1.26
1262	1/10/2008 17:46	8.97	38.760	24.51	9.66	7.69	22.3	1.12
1263	1/10/2008 18:01	8.94	38.596	24.39	9.59	7.68	25.6	1.01
1264	1/10/2008 18:16	8.9	38.281	24.17	9.56	7.66	22.7	0.89
1265	1/10/2008 18:31	8.89	38.137	24.07	9.5	7.65	19.8	0.81
1266	1/10/2008 18:46	8.88	38.002	23.97	9.43	7.65	18.2	0.75
1267	1/10/2008 19:01	8.88	37.927	23.92	9.38	7.64	16.3	0.71
1268	1/10/2008 19:16	8.88	37.962	23.95	9.44	7.65	17.9	0.70
1269	1/10/2008 19:31	8.89	38.095	24.04	9.49	7.65	15.7	0.75
1270	1/10/2008 19:46	8.9	38.330	24.2	9.51	7.66	18.0	0.81
1271	1/10/2008 20:01	8.89	38.320	24.2	9.55	7.66	13.9	0.86
1272	1/10/2008 20:16	8.89	37.193	23.41	9.59	7.65	15.4	0.94
1273	1/10/2008 20:31	8.96	37.364	23.54	9.61	7.66	15.6	1.02
1274	1/10/2008 20:46	8.97	37.639	23.73	9.6	7.66	14.4	1.09
1275	1/10/2008 21:01	8.99	37.764	23.82	9.59	7.66	14.8	1.19
1276	1/10/2008 21:16	9.03	37.480	23.62	9.62	7.66	15.2	1.28
1277	1/10/2008 21:31	9.02	37.916	23.92	9.59	7.67	14.9	1.36
1278	1/10/2008 21:46	9.05	37.892	23.91	9.61	7.67	15.3	1.47
1279	1/10/2008 22:01	9.1	37.926	23.93	9.63	7.68	15.1	1.55
1280	1/10/2008 22:16	9.13	37.811	23.86	9.65	7.68	15.7	1.66
1281	1/10/2008 22:31	9.17	38.347	24.23	9.65	7.69	17.0	1.77
1282	1/10/2008 22:46	9.18	38.214	24.14	9.65	7.69	15.7	1.87
1283	1/10/2008 23:01	9.18	38.702	24.48	9.64	7.69	18.2	1.97
1284	1/10/2008 23:16	9.21	39.582	25.09	9.64	7.71	21.8	2.07
1285	1/10/2008 23:31	9.24	39.710	25.18	9.64	7.72	24.9	2.16
1286	1/10/2008 23:46	9.28	39.682	25.17	9.67	7.72	29.2	2.27
1287	1/11/2008 00:01	9.32	39.842	25.28	9.68	7.73	33.0	2.35
1288	1/11/2008 00:16	9.34	40.151	25.5	9.67	7.73	31.6	2.43
1289	1/11/2008 00:31	9.37	40.505	25.74	9.67	7.74	32.4	2.52
1290	1/11/2008 00:46	9.53	41.862	26.71	9.68	7.77	40.4	2.60
1291	1/11/2008 01:01	9.62	42.541	27.19	9.67	7.78	35.0	2.68
1292	1/11/2008 01:16	9.67	43.010	27.52	9.65	7.79	30.6	2.76
1293	1/11/2008 01:31	9.7	43.263	27.7	9.65	7.79	28.7	2.83
1294	1/11/2008 01:46	9.7	43.358	27.77	9.65	7.79	22.4	2.88
1295	1/11/2008 02:01	9.72	43.514	27.88	9.62	7.8	22.7	2.93
1296	1/11/2008 02:16	9.77	43.915	28.17	9.57	7.8	16.0	2.95
1297	1/11/2008 02:31	9.78	43.957	28.2	9.63	7.81	21.9	2.96
1298	1/11/2008 02:46	9.75	43.721	28.03	9.66	7.8	20.9	2.95
1299	1/11/2008 03:01	9.77	43.901	28.16	9.63	7.8	21.3	2.91
1300	1/11/2008 03:16	9.48	41.858	26.7	9.64	7.75	25.0	2.85
1301	1/11/2008 03:31	9.41	41.305	26.31	9.68	7.75	20.7	2.78
1302	1/11/2008 03:46	9.37	40.971	26.07	9.6	7.74	19.6	2.71
1303	1/11/2008 04:01	9.39	41.018	26.11	9.58	7.74	18.9	2.62
1304	1/11/2008 04:16	9.34	40.913	26.03	9.57	7.73	17.0	2.52

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	1/11/2008 04:31	9.28	40.597	25.8	9.56	7.73	17.2	2.43
1306	1/11/2008 04:46	9.27	40.379	25.65	9.58	7.72	17.3	2.38
1307	1/11/2008 05:01	9.21	40.182	25.51	9.56	7.72	13.4	2.30
1308	1/11/2008 05:16	9.15	39.652	25.14	9.58	7.71	14.1	2.22
1309	1/11/2008 05:31	9.12	39.229	24.84	9.56	7.7	15.4	2.18
1310	1/11/2008 05:46	9.08	38.964	24.65	9.56	7.69	13.5	2.12
1311	1/11/2008 06:01	9.07	38.913	24.62	9.54	7.69	12.9	2.06
1312	1/11/2008 06:16	9.04	38.882	24.59	9.49	7.68	11.2	2.02
1313	1/11/2008 06:31	9.02	38.652	24.43	9.48	7.68	10.9	1.98
1314	1/11/2008 06:46	9	38.622	24.41	9.47	7.67	11.0	1.93
1315	1/11/2008 07:01	8.99	38.629	24.42	9.36	7.66	11.2	1.93
1316	1/11/2008 07:16	8.98	38.309	24.19	9.27	7.64	10.8	1.92
1317	1/11/2008 07:31	8.85	38.339	24.21	9.36	7.65	15.6	1.91
1318	1/11/2008 07:46	8.85	38.257	24.15	9.45	7.66	12.1	1.94
1319	1/11/2008 08:01	9.09	39.110	24.76	9.45	7.68	12.3	1.96
1320	1/11/2008 08:16	9.15	39.438	24.99	9.49	7.7	12.4	2.00
1321	1/11/2008 08:31	9.07	39.104	24.75	9.45	7.68	14.4	2.05
1322	1/11/2008 08:46	9.02	38.651	24.43	9.48	7.67	15.0	2.10
1323	1/11/2008 09:01	9.1	38.964	24.65	9.51	7.69	13.5	2.18
1324	1/11/2008 09:16	9.23	39.890	25.31	9.52	7.71	13.2	2.25
1325	1/11/2008 09:31	9.26	40.234	25.55	9.52	7.72	14.2	2.30
1326	1/11/2008 09:46	9.27	40.103	25.46	9.52	7.71	13.7	2.39
1327	1/11/2008 10:01	9.24	39.851	25.28	9.54	7.71	15.2	2.45
1328	1/11/2008 10:16	9.3	40.543	25.77	9.57	7.73	14.3	2.53
1329	1/11/2008 10:31	9.35	40.543	25.77	9.6	7.73	15.5	2.61
1330	1/11/2008 10:46	9.43	40.563	25.79	9.61	7.73	12.6	2.68
1331	1/11/2008 11:01	9.57	41.123	26.19	9.61	7.75	13.3	2.79
1332	1/11/2008 11:16	9.68	41.870	26.72	9.59	7.77	13.1	2.85
1333	1/11/2008 11:31	9.73	42.349	27.06	9.59	7.78	14.3	2.93
1334	1/11/2008 11:46	9.69	43.324	27.75	9.59	7.79	20.7	3.00
1335	1/11/2008 12:01	9.69	43.382	27.79	9.58	7.8	22.5	3.08
1336	1/11/2008 12:16	9.7	43.496	27.87	9.59	7.8	21.2	3.12
Mean		8.34	43.316	27.66	9.42	7.72	15.8	2.21
Minimum		7.25	35.624	22.28	8.61	7.61	1.5	0.67
Maximum		9.78	49.343	31.97	10.14	7.83	93.3	3.51
Standard Dev.		0.56	2.961	2.08	0.23	0.04	10.8	0.64

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					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1	1/11/2008 12:46	9.76	42.945	27.48	9.33	7.9	12.5	3.31
2	1/11/2008 13:01	9.77	43.062	27.57	9.31	7.92	18.1	3.35
3	1/11/2008 13:16	9.75	42.773	27.36	9.36	7.93	12.5	3.33
4	1/11/2008 13:31	9.76	42.732	27.33	9.35	7.95	15.3	3.30
5	1/11/2008 13:46	9.77	42.527	27.19	9.41	7.96	16.3	3.28
6	1/11/2008 14:01	9.73	42.099	26.88	9.39	7.95	15.8	3.23
7	1/11/2008 14:16	9.67	41.149	26.21	9.39	7.93	16.8	3.15
8	1/11/2008 14:31	9.67	40.600	25.83	9.41	7.92	11.7	3.10
9	1/11/2008 14:46	9.69	41.424	26.41	9.39	7.94	14.8	2.98
10	1/11/2008 15:01	9.7	41.103	26.18	9.41	7.94	12.2	2.88
11	1/11/2008 15:16	9.69	41.087	26.17	9.39	7.94	11.0	2.80
12	1/11/2008 15:31	9.69	40.357	25.66	9.43	7.93	11.7	2.66
13	1/11/2008 15:46	9.67	40.491	25.75	9.41	7.93	11.0	2.57
14	1/11/2008 16:01	9.63	40.163	25.52	9.39	7.92	11.4	2.47
15	1/11/2008 16:16	9.6	40.125	25.49	9.37	7.91	14.0	2.35
16	1/11/2008 16:31	9.55	39.236	24.87	9.41	7.91	12.2	2.19
17	1/11/2008 16:46	9.49	39.115	24.78	9.35	7.9	14.0	2.08
18	1/11/2008 17:01	9.53	39.306	24.92	9.36	7.91	11.5	1.97
19	1/11/2008 17:16	9.46	38.945	24.66	9.33	7.89	12.9	1.80
20	1/11/2008 17:31	9.42	38.439	24.31	9.33	7.89	16.5	1.69
21	1/11/2008 17:46	9.38	38.073	24.05	9.31	7.88	16.1	1.53
22	1/11/2008 18:01	9.35	37.660	23.76	9.28	7.86	17.0	1.43
23	1/11/2008 18:16	9.33	37.593	23.71	9.25	7.85	15.9	1.29
24	1/11/2008 18:31	9.33	37.588	23.71	9.23	7.85	16.1	1.18
25	1/11/2008 18:46	9.32	37.374	23.56	9.22	7.84	15.8	1.05
26	1/11/2008 19:01	9.31	37.221	23.46	9.2	7.84	14.3	1.02
27	1/11/2008 19:16	9.31	37.179	23.43	9.17	7.84	12.3	0.98
28	1/11/2008 19:31	9.31	37.079	23.36	9.17	7.83	14.0	0.89
29	1/11/2008 19:46	9.31	37.047	23.33	9.1	7.83	11.4	0.90
30	1/11/2008 20:01	9.3	37.272	23.49	9.15	7.84	15.6	0.94
31	1/11/2008 20:16	9.3	37.457	23.62	9.18	7.84	14.1	0.93
32	1/11/2008 20:31	9.3	37.360	23.55	9.2	7.85	12.0	0.96
33	1/11/2008 20:46	9.3	37.563	23.69	9.18	7.84	11.0	1.04
34	1/11/2008 21:01	9.29	37.141	23.4	9.22	7.84	11.2	1.14
35	1/11/2008 21:16	9.32	36.769	23.14	9.26	7.84	12.2	1.20
36	1/11/2008 21:31	9.32	36.847	23.2	9.24	7.84	12.2	1.27
37	1/11/2008 21:46	9.33	36.688	23.09	9.27	7.84	13.2	1.39
38	1/11/2008 22:01	9.33	36.814	23.17	9.25	7.84	12.2	1.46
39	1/11/2008 22:16	9.36	36.975	23.29	9.31	7.85	13.7	1.59
40	1/11/2008 22:31	9.37	36.637	23.05	9.34	7.86	12.4	1.65
41	1/11/2008 22:46	9.38	37.036	23.33	9.32	7.85	11.8	1.74
42	1/11/2008 23:01	9.43	37.927	23.95	9.3	7.87	13.7	1.87
43	1/11/2008 23:16	9.46	38.732	24.51	9.34	7.88	15.4	1.98
44	1/11/2008 23:31	9.46	38.541	24.38	9.36	7.89	15.7	2.05
45	1/11/2008 23:46	9.49	39.177	24.82	9.36	7.9	19.6	2.17

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
46	1/12/2008 00:01	9.49	39.064	24.74	9.36	7.9	20.9	2.25
47	1/12/2008 00:16	9.51	39.019	24.71	9.39	7.9	23.6	2.36
48	1/12/2008 00:31	9.56	39.589	25.11	9.41	7.91	27.9	2.44
49	1/12/2008 00:46	9.58	39.917	25.34	9.41	7.92	28.3	2.54
50	1/12/2008 01:01	9.62	40.498	25.75	9.43	7.93	31.6	2.62
51	1/12/2008 01:16	9.67	40.874	26.02	9.46	7.94	31.0	2.71
52	1/12/2008 01:31	9.76	41.940	26.77	9.53	7.96	43.3	2.78
53	1/12/2008 01:46	9.83	42.632	27.27	9.62	7.97	40.4	2.88
54	1/12/2008 02:01	9.9	43.424	27.83	9.65	7.98	45.2	2.91
55	1/12/2008 02:16	9.96	44.417	28.54	9.7	8	29.6	2.96
56	1/12/2008 02:31	9.97	44.496	28.59	9.7	8	19.9	3.03
57	1/12/2008 02:46	10	44.909	28.89	9.69	8	17.7	3.06
58	1/12/2008 03:01	9.97	44.671	28.72	9.72	8	23.0	3.09
59	1/12/2008 03:16	9.89	43.475	27.86	9.66	7.99	15.6	3.05
60	1/12/2008 03:31	9.92	43.947	28.2	9.66	7.99	17.5	3.03
61	1/12/2008 03:46	9.82	42.160	26.93	9.69	7.99	20.9	2.98
62	1/12/2008 04:01	9.6	40.230	25.56	9.47	7.93	22.7	2.92
63	1/12/2008 04:16	9.61	40.366	25.66	9.45	7.92	16.3	2.86
64	1/12/2008 04:31	9.63	40.693	25.89	9.49	7.93	18.1	2.78
65	1/12/2008 04:46	9.62	40.498	25.75	9.49	7.93	18.6	2.65
66	1/12/2008 05:01	9.61	40.317	25.63	9.42	7.92	15.8	2.61
67	1/12/2008 05:16	9.6	40.237	25.57	9.43	7.92	15.3	2.50
68	1/12/2008 05:31	9.55	39.799	25.26	9.39	7.91	20.9	2.42
69	1/12/2008 05:46	9.54	39.582	25.11	9.38	7.91	14.2	2.37
70	1/12/2008 06:01	9.48	38.937	24.66	9.35	7.89	14.3	2.26
71	1/12/2008 06:16	9.47	38.851	24.6	9.32	7.88	11.7	2.21
72	1/12/2008 06:31	9.45	38.674	24.47	9.29	7.87	12.1	2.16
73	1/12/2008 06:46	9.44	38.495	24.35	9.26	7.87	10.6	2.09
74	1/12/2008 07:01	9.43	38.513	24.36	9.22	7.86	10.4	2.08
75	1/12/2008 07:16	9.4	38.197	24.14	9.19	7.85	10.2	1.96
76	1/12/2008 07:31	9.41	38.006	24	9.17	7.85	10.0	1.92
77	1/12/2008 07:46	9.4	37.987	23.99	9.14	7.85	10.8	1.89
78	1/12/2008 08:01	9.39	37.938	23.96	9.08	7.84	8.0	1.88
79	1/12/2008 08:16	9.41	38.159	24.11	8.91	7.83	8.4	1.86
80	1/12/2008 08:31	9.4	38.112	24.08	9.12	7.84	9.7	1.89
81	1/12/2008 08:46	9.39	37.957	23.97	9.11	7.84	8.2	1.92
82	1/12/2008 09:01	9.42	38.422	24.29	9.12	7.85	10.0	1.95
83	1/12/2008 09:16	9.45	38.668	24.47	9.18	7.86	11.0	1.99
84	1/12/2008 09:31	9.41	38.055	24.04	9.16	7.84	12.2	2.03
85	1/12/2008 09:46	9.42	37.934	23.95	9.19	7.85	12.7	2.11
86	1/12/2008 10:01	9.45	38.256	24.18	9.26	7.86	11.4	2.20
87	1/12/2008 10:16	9.49	38.766	24.54	9.27	7.87	10.7	2.27
88	1/12/2008 10:31	9.52	39.081	24.76	9.31	7.88	12.9	2.35
89	1/12/2008 10:46	9.56	39.543	25.08	9.32	7.89	13.3	2.41
90	1/12/2008 11:01	9.58	39.550	25.09	9.34	7.89	12.4	2.48

sonde #1		Indian Island Long-Term Deployment				Water Quality Data		TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
91	1/12/2008 11:16	9.6	40.011	25.41	9.37	7.9	12.0	2.54
92	1/12/2008 11:31	9.65	39.859	25.31	9.4	7.91	12.0	2.63
93	1/12/2008 11:46	9.67	40.145	25.51	9.41	7.91	12.2	2.67
94	1/12/2008 12:01	9.74	40.836	26	9.44	7.92	11.3	2.77
95	1/12/2008 12:16	9.8	41.155	26.22	9.48	7.93	11.7	2.82
96	1/12/2008 12:31	9.83	41.728	26.63	9.51	7.94	11.1	2.88
97	1/12/2008 12:46	9.88	42.024	26.84	9.5	7.95	10.4	2.95
98	1/12/2008 13:01	9.92	42.196	26.96	9.54	7.96	10.8	3.00
99	1/12/2008 13:16	9.91	43.253	27.71	9.57	7.97	10.9	3.05
100	1/12/2008 13:31	9.91	43.576	27.94	9.57	7.97	9.9	3.09
101	1/12/2008 13:46	9.93	43.293	27.74	9.58	7.97	11.4	3.14
102	1/12/2008 14:01	9.94	43.177	27.66	9.43	7.96	8.1	3.12
103	1/12/2008 14:16	9.91	43.453	27.85	9.48	7.97	10.1	3.16
104	1/12/2008 14:31	9.92	43.164	27.65	9.48	7.96	8.9	3.11
105	1/12/2008 14:46	9.89	43.147	27.63	9.57	7.97	13.6	3.07
106	1/12/2008 15:01	9.88	41.494	26.47	9.53	7.95	11.1	3.02
107	1/12/2008 15:16	9.9	40.640	25.87	9.47	7.93	10.9	2.95
108	1/12/2008 15:31	9.88	41.346	26.36	9.51	7.94	12.0	2.86
109	1/12/2008 15:46	9.86	41.014	26.13	9.46	7.93	12.3	2.75
110	1/12/2008 16:01	9.87	40.676	25.89	9.44	7.92	11.8	2.65
111	1/12/2008 16:16	9.9	40.253	25.6	9.47	7.92	10.6	2.55
112	1/12/2008 16:31	9.87	40.418	25.71	9.45	7.91	11.1	2.44
113	1/12/2008 16:46	9.86	40.361	25.67	9.43	7.91	10.6	2.33
114	1/12/2008 17:01	9.78	39.232	24.88	9.4	7.88	11.6	2.22
115	1/12/2008 17:16	9.79	39.541	25.09	9.33	7.88	12.3	2.10
116	1/12/2008 17:31	9.78	39.287	24.91	9.29	7.88	10.6	2.00
117	1/12/2008 17:46	9.73	38.692	24.5	9.26	7.86	12.5	1.86
118	1/12/2008 18:01	9.75	38.747	24.54	9.22	7.86	12.2	1.75
119	1/12/2008 18:16	9.73	38.327	24.24	9.16	7.84	13.1	1.63
120	1/12/2008 18:31	9.72	37.964	23.99	9.14	7.83	11.2	1.52
121	1/12/2008 18:46	9.71	37.638	23.76	9.12	7.83	12.2	1.40
122	1/12/2008 19:01	9.71	37.572	23.72	9.1	7.82	12.3	1.31
123	1/12/2008 19:16	9.71	37.600	23.74	9.06	7.81	12.8	1.20
124	1/12/2008 19:31	9.7	37.394	23.59	9.04	7.81	12.4	1.14
125	1/12/2008 19:46	9.7	37.305	23.53	9.01	7.8	10.1	1.09
126	1/12/2008 20:01	9.7	37.271	23.51	9.01	7.8	10.2	1.02
127	1/12/2008 20:16	9.7	37.285	23.52	8.86	7.79	6.8	1.03
128	1/12/2008 20:31	9.71	37.714	23.82	9.01	7.81	8.9	1.05
129	1/12/2008 20:46	9.71	37.803	23.88	9.02	7.81	9.9	1.06
130	1/12/2008 21:01	9.7	37.703	23.81	9.04	7.81	10.8	1.13
131	1/12/2008 21:16	9.7	37.781	23.86	9.04	7.81	9.2	1.18
132	1/12/2008 21:31	9.7	36.992	23.31	9.04	7.8	9.5	1.26
133	1/12/2008 21:46	9.7	36.999	23.32	9.06	7.8	9.9	1.32
134	1/12/2008 22:01	9.69	37.031	23.34	9.09	7.8	10.8	1.40
135	1/12/2008 22:16	9.7	36.975	23.3	9.07	7.8	10.3	1.48

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
136	1/12/2008 22:31	9.7	37.477	23.65	9.05	7.81	9.3	1.54
137	1/12/2008 22:46	9.71	37.243	23.49	9.13	7.82	11.2	1.66
138	1/12/2008 23:01	9.71	37.652	23.77	9.15	7.83	10.4	1.70
139	1/12/2008 23:16	9.72	37.493	23.66	9.2	7.83	11.7	1.84
140	1/12/2008 23:31	9.75	38.737	24.53	9.22	7.86	14.9	1.99
141	1/12/2008 23:46	9.76	39.248	24.89	9.26	7.87	14.5	2.04
142	1/13/2008 00:01	9.78	39.422	25.01	9.26	7.87	14.4	2.11
143	1/13/2008 00:16	9.8	39.619	25.15	9.3	7.88	15.9	2.21
144	1/13/2008 00:31	9.81	39.970	25.39	9.31	7.89	15.0	2.30
145	1/13/2008 00:46	9.82	40.015	25.43	9.33	7.89	17.2	2.39
146	1/13/2008 01:01	9.84	40.109	25.49	9.36	7.89	24.4	2.48
147	1/13/2008 01:16	9.87	40.523	25.78	9.4	7.9	21.5	2.58
148	1/13/2008 01:31	9.88	40.591	25.83	9.44	7.91	22.5	2.67
149	1/13/2008 01:46	9.92	41.264	26.31	9.48	7.92	26.4	2.70
150	1/13/2008 02:01	9.97	41.831	26.71	9.57	7.94	27.2	2.82
151	1/13/2008 02:16	10.02	42.467	27.16	9.64	7.95	31.2	2.89
152	1/13/2008 02:31	10.05	43.286	27.74	9.67	7.96	31.3	2.99
153	1/13/2008 02:46	10.08	43.741	28.06	9.68	7.97	23.2	3.03
154	1/13/2008 03:01	10.11	44.180	28.38	9.71	7.98	23.2	3.09
155	1/13/2008 03:16	10.13	44.805	28.82	9.7	7.98	18.5	3.13
156	1/13/2008 03:31	10.15	44.849	28.85	9.69	7.98	17.3	3.17
157	1/13/2008 03:46	10.13	44.400	28.53	9.74	7.98	19.8	3.15
158	1/13/2008 04:01	10.12	44.404	28.54	9.72	7.98	16.9	3.14
159	1/13/2008 04:16	10.13	44.563	28.65	9.71	7.98	18.0	3.05
160	1/13/2008 04:31	9.91	41.378	26.39	9.54	7.93	20.6	3.04
161	1/13/2008 04:46	9.96	42.174	26.95	9.48	7.94	17.1	2.96
162	1/13/2008 05:01	9.96	42.049	26.86	9.54	7.94	24.8	2.85
163	1/13/2008 05:16	9.9	41.229	26.28	9.45	7.92	21.7	2.76
164	1/13/2008 05:31	9.86	40.999	26.12	9.38	7.91	16.0	2.67
165	1/13/2008 05:46	9.86	41.252	26.29	9.38	7.91	14.0	2.58
166	1/13/2008 06:01	9.82	40.537	25.79	9.36	7.89	14.8	2.47
167	1/13/2008 06:16	9.8	40.369	25.67	9.31	7.89	13.1	2.40
168	1/13/2008 06:31	9.76	39.650	25.17	9.28	7.87	12.3	2.30
169	1/13/2008 06:46	9.74	39.244	24.88	9.22	7.86	11.7	2.23
170	1/13/2008 07:01	9.71	39.309	24.93	9.21	7.86	12.5	2.17
171	1/13/2008 07:16	9.69	39.368	24.97	9.19	7.86	10.3	2.10
172	1/13/2008 07:31	9.65	38.994	24.7	9.1	7.84	10.1	2.00
173	1/13/2008 07:46	9.62	38.716	24.51	9.05	7.83	8.7	1.95
174	1/13/2008 08:01	9.6	38.425	24.3	9.01	7.82	8.2	1.86
175	1/13/2008 08:16	9.59	38.388	24.28	8.97	7.81	8.5	1.85
176	1/13/2008 08:31	9.58	38.350	24.25	8.96	7.81	8.9	1.75
177	1/13/2008 08:46	9.57	37.926	23.96	8.91	7.8	7.9	1.78
178	1/13/2008 09:01	9.61	38.456	24.33	8.83	7.81	7.1	1.75
179	1/13/2008 09:16	9.56	38.164	24.12	8.9	7.8	7.0	1.74
180	1/13/2008 09:31	9.55	37.748	23.83	8.93	7.8	7.1	1.80

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
181	1/13/2008 09:46	9.61	38.371	24.27	8.98	7.82	8.3	1.83
182	1/13/2008 10:01	9.68	38.881	24.63	9.04	7.83	9.8	1.87
183	1/13/2008 10:16	9.62	38.166	24.13	9	7.81	7.8	1.91
184	1/13/2008 10:31	9.64	37.525	23.68	9.03	7.8	9.6	1.99
185	1/13/2008 10:46	9.67	37.932	23.97	9.05	7.81	9.4	2.03
186	1/13/2008 11:01	9.71	38.486	24.35	9.1	7.83	9.4	2.11
187	1/13/2008 11:16	9.74	39.223	24.87	9.14	7.85	9.2	2.16
188	1/13/2008 11:31	9.77	39.715	25.21	9.19	7.86	10.8	2.25
189	1/13/2008 11:46	9.8	39.892	25.34	9.19	7.87	10.4	2.29
190	1/13/2008 12:01	9.82	39.861	25.32	9.25	7.87	10.0	2.35
191	1/13/2008 12:16	9.87	40.093	25.48	9.3	7.88	9.6	2.42
192	1/13/2008 12:31	9.96	40.262	25.61	9.32	7.89	9.2	2.47
193	1/13/2008 12:46	9.94	40.682	25.9	9.34	7.89	10.2	2.54
194	1/13/2008 13:01	10.08	40.901	26.06	9.38	7.9	9.8	2.61
195	1/13/2008 13:16	10.14	41.201	26.27	9.42	7.91	9.0	2.65
196	1/13/2008 13:31	10.15	41.576	26.54	9.46	7.92	9.3	2.73
197	1/13/2008 13:46	10.17	41.819	26.71	9.47	7.92	9.0	2.77
198	1/13/2008 14:01	10.16	42.541	27.22	9.51	7.93	9.2	2.83
199	1/13/2008 14:16	10.19	42.347	27.08	9.48	7.93	7.8	2.88
200	1/13/2008 14:31	10.16	42.780	27.39	9.5	7.94	8.0	2.94
201	1/13/2008 14:46	10.11	43.100	27.61	9.38	7.93	4.4	2.94
202	1/13/2008 15:01	10.05	43.556	27.93	9.44	7.94		2.95
203	1/13/2008 15:16	10.04	43.348	27.78	9.53	7.95	11.2	2.93
204	1/13/2008 15:31	10.04	43.248	27.71	9.51	7.94	11.3	2.91
205	1/13/2008 15:46	10.06	42.359	27.08	9.51	7.94	10.3	2.88
206	1/13/2008 16:01	10.08	41.998	26.83	9.47	7.93	9.3	2.81
207	1/13/2008 16:16	10.06	41.585	26.54	9.43	7.92	10.9	2.73
208	1/13/2008 16:31	10.04	41.347	26.37	9.43	7.92	11.8	2.67
209	1/13/2008 16:46	10.02	41.030	26.15	9.31	7.9	11.8	2.56
210	1/13/2008 17:01	10.09	40.430	25.73	9.32	7.89	9.9	2.47
211	1/13/2008 17:16	10	40.302	25.63	9.33	7.89	11.0	2.37
212	1/13/2008 17:31	9.97	39.943	25.38	9.32	7.88	11.7	2.27
213	1/13/2008 17:46	9.96	39.918	25.36	9.28	7.88	9.7	2.18
214	1/13/2008 18:01	9.91	39.279	24.92	9.2	7.85	11.2	2.09
215	1/13/2008 18:16	9.9	38.986	24.71	9.19	7.85	9.3	1.97
216	1/13/2008 18:31	9.89	38.994	24.71	9.15	7.85	10.5	1.88
217	1/13/2008 18:46	9.87	38.665	24.48	9.12	7.84	11.7	1.77
218	1/13/2008 19:01	9.86	38.511	24.38	9.08	7.83	9.8	1.68
219	1/13/2008 19:16	9.85	38.141	24.12	9.05	7.82	9.5	1.55
220	1/13/2008 19:31	9.83	37.982	24.01	9	7.81	9.8	1.47
221	1/13/2008 19:46	9.82	38.068	24.07	8.97	7.81	10.3	1.39
222	1/13/2008 20:01	9.82	37.993	24.01	8.95	7.8	11.0	1.32
223	1/13/2008 20:16	9.82	37.924	23.97	8.94	7.8	10.2	1.26
224	1/13/2008 20:31	9.83	37.894	23.95	8.96	7.8	8.6	1.22
225	1/13/2008 20:46	9.82	37.988	24.01	8.78	7.79	7.0	1.20

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
226	1/13/2008 21:01	9.83	38.200	24.16	8.88	7.8	7.1	1.19
227	1/13/2008 21:16	9.81	38.220	24.17	8.91	7.81	9.4	1.22
228	1/13/2008 21:31	9.82	38.305	24.23	8.91	7.81	9.1	1.25
229	1/13/2008 21:46	9.81	38.309	24.23	8.93	7.81	8.4	1.31
230	1/13/2008 22:01	9.81	37.570	23.72	8.97	7.8	10.7	1.38
231	1/13/2008 22:16	9.82	37.478	23.66	8.96	7.8	8.5	1.43
232	1/13/2008 22:31	9.84	37.618	23.76	8.95	7.8	8.8	1.50
233	1/13/2008 22:46	9.85	37.815	23.89	8.96	7.8	8.1	1.59
234	1/13/2008 23:01	9.85	37.719	23.83	9	7.8	8.7	1.68
235	1/13/2008 23:16	9.89	38.091	24.09	9.05	7.82	8.6	1.75
236	1/13/2008 23:31	9.9	38.467	24.35	9.07	7.82	9.4	1.83
237	1/13/2008 23:46	9.91	38.650	24.48	9.12	7.83	10.9	1.93
238	1/14/2008 00:01	9.92	38.886	24.64	9.16	7.84	10.2	2.01
239	1/14/2008 00:16	9.93	39.748	25.24	9.17	7.86	11.4	2.09
240	1/14/2008 00:31	9.96	40.159	25.53	9.2	7.87	11.4	2.19
241	1/14/2008 00:46	9.98	40.457	25.74	9.24	7.88	13.6	2.28
242	1/14/2008 01:01	9.99	40.616	25.85	9.28	7.88	14.2	2.37
243	1/14/2008 01:16	10.01	40.542	25.8	9.34	7.89	17.4	2.46
244	1/14/2008 01:31	10.02	41.203	26.27	9.34	7.9	19.2	2.55
245	1/14/2008 01:46	10.02	41.472	26.46	9.4	7.91	21.3	2.63
246	1/14/2008 02:01	10.03	41.855	26.73	9.43	7.91	21.2	2.72
247	1/14/2008 02:16	10.05	42.154	26.94	9.5	7.92	23.0	2.83
248	1/14/2008 02:31	10.07	42.663	27.3	9.56	7.94	23.1	2.90
249	1/14/2008 02:46	10.1	43.458	27.86	9.59	7.95	21.0	2.97
250	1/14/2008 03:01	10.12	43.641	27.99	9.61	7.95	21.2	3.06
251	1/14/2008 03:16	10.12	43.678	28.02	9.63	7.95	24.1	3.12
252	1/14/2008 03:31	10.13	44.363	28.51	9.62	7.96	20.0	3.16
253	1/14/2008 03:46	10.13	44.625	28.69	9.6	7.97	15.6	3.19
254	1/14/2008 04:01	10.13	44.610	28.68	9.5	7.96	12.3	3.22
255	1/14/2008 04:16	10.13	44.344	28.49	9.59	7.96	15.1	3.21
256	1/14/2008 04:31	10.13	44.395	28.53	9.63	7.97	16.2	3.21
257	1/14/2008 04:46	10.13	44.669	28.73	9.65	7.97	17.0	3.16
258	1/14/2008 05:01	9.95	42.254	27.01	9.45	7.92	14.1	3.12
259	1/14/2008 05:16	9.88	40.987	26.11	9.38	7.9	11.8	3.05
260	1/14/2008 05:31	9.99	41.928	26.78	9.41	7.92	15.3	2.96
261	1/14/2008 05:46	9.91	41.466	26.45	9.38	7.9	14.7	2.87
262	1/14/2008 06:01	9.89	41.481	26.46	9.29	7.89	11.3	2.78
263	1/14/2008 06:16	9.86	41.136	26.21	9.29	7.89	11.5	2.69
264	1/14/2008 06:31	9.87	41.306	26.33	9.31	7.89	10.8	2.60
265	1/14/2008 06:46	9.89	41.398	26.4	9.32	7.89	10.5	2.50
266	1/14/2008 07:01	9.87	41.053	26.16	9.29	7.89	10.6	2.40
267	1/14/2008 07:16	9.83	40.137	25.51	9.2	7.86	12.5	2.31
268	1/14/2008 07:31	9.79	39.659	25.17	9.13	7.85	12.0	2.24
269	1/14/2008 07:46	9.77	39.483	25.05	9.09	7.84	9.5	2.15
270	1/14/2008 08:01	9.74	39.789	25.26	9.08	7.84	9.1	2.07

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
271	1/14/2008 08:16	9.72	39.215	24.86	9.03	7.83	9.3	1.98
272	1/14/2008 08:31	9.7	39.124	24.8	9	7.82	8.2	1.91
273	1/14/2008 08:46	9.69	38.824	24.59	8.98	7.82	7.6	1.85
274	1/14/2008 09:01	9.67	38.866	24.62	8.92	7.81	7.6	1.79
275	1/14/2008 09:16	9.67	38.920	24.65	8.91	7.81	7.5	1.72
276	1/14/2008 09:31	9.66	38.713	24.51	8.88	7.8	7.7	1.69
277	1/14/2008 09:46	9.63	38.389	24.28	8.84	7.8	8.1	1.67
278	1/14/2008 10:01	9.61	38.269	24.2	8.8	7.78	5.3	1.64
279	1/14/2008 10:16	9.62	38.446	24.32	8.87	7.79	8.5	1.66
280	1/14/2008 10:31	9.64	38.439	24.32	8.85	7.79	6.5	1.68
281	1/14/2008 10:46	9.71	39.143	24.81	8.88	7.81	7.6	1.71
282	1/14/2008 11:01	9.72	39.234	24.87	8.91	7.81	7.8	1.75
283	1/14/2008 11:16	9.69	38.416	24.3	8.94	7.8	7.7	1.81
284	1/14/2008 11:31	9.69	38.061	24.06	8.96	7.79	8.7	1.89
285	1/14/2008 11:46	9.73	38.326	24.24	8.96	7.8	8.1	1.92
286	1/14/2008 12:01	9.75	38.708	24.51	8.97	7.81	7.9	1.99
287	1/14/2008 12:16	9.78	38.919	24.66	9.01	7.82	8.1	2.05
288	1/14/2008 12:31	9.79	39.247	24.89	9.04	7.83	8.3	2.11
289	1/14/2008 12:46	9.81	39.634	25.16	9.06	7.84	8.0	2.16
290	1/14/2008 13:01	9.83	39.853	25.31	9.07	7.84	8.1	2.22
291	1/14/2008 13:16	9.86	40.214	25.57	9.14	7.86	8.1	2.29
292	1/14/2008 13:31	9.88	40.696	25.9	9.15	7.87	8.4	2.31
293	1/14/2008 13:46	9.91	40.789	25.97	9.19	7.87	7.7	2.38
294	1/14/2008 14:01	9.97	40.779	25.97	9.21	7.87	7.6	2.42
295	1/14/2008 14:16	9.99	40.877	26.04	9.24	7.88	7.6	2.49
296	1/14/2008 14:31	9.99	41.140	26.22	9.3	7.89	7.5	2.54
297	1/14/2008 14:46	9.99	41.521	26.49	9.28	7.89	7.1	2.56
298	1/14/2008 15:01	10	41.535	26.5	9.27	7.89	6.4	2.61
299	1/14/2008 15:16	10.01	41.774	26.67	9.27	7.9	6.7	2.66
300	1/14/2008 15:31	10.02	41.728	26.64	9.3	7.9	6.2	2.68
301	1/14/2008 15:46	10.03	41.856	26.73	9.11	7.89	4.6	2.68
302	1/14/2008 16:01	9.98	42.061	26.87	9.24	7.9	6.8	2.73
303	1/14/2008 16:16	9.98	42.039	26.86	9.21	7.9	6.4	2.72
304	1/14/2008 16:31	9.98	42.058	26.87	9.29	7.9	8.5	2.69
305	1/14/2008 16:46	9.98	41.923	26.77	9.26	7.9	8.3	2.65
306	1/14/2008 17:01	10.02	40.910	26.06	9.26	7.88	6.5	2.63
307	1/14/2008 17:16	10	41.243	26.3	9.26	7.89	8.5	2.54
308	1/14/2008 17:31	9.98	41.254	26.3	9.21	7.88	9.2	2.49
309	1/14/2008 17:46	9.98	40.590	25.84	9.19	7.87	8.9	2.40
310	1/14/2008 18:01	9.95	40.309	25.64	9.23	7.87	8.4	2.32
311	1/14/2008 18:16	9.93	40.111	25.5	9.2	7.86	7.9	2.24
312	1/14/2008 18:31	9.9	39.985	25.41	9.17	7.85	9.6	2.14
313	1/14/2008 18:46	9.88	39.850	25.31	9.12	7.85	10.1	2.08
314	1/14/2008 19:01	9.86	39.501	25.07	9.1	7.84	9.7	1.98
315	1/14/2008 19:16	9.85	39.388	24.99	9.07	7.84	8.4	1.91

sonde #1		Indian Island Long-Term Deployment				Water Quality Data		TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
316	1/14/2008 19:31	9.83	38.975	24.7	9.06	7.83	8.9	1.82
317	1/14/2008 19:46	9.82	39.006	24.72	9.06	7.83	8.5	1.74
318	1/14/2008 20:01	9.82	38.981	24.7	9.03	7.83	8.3	1.65
319	1/14/2008 20:16	9.8	38.949	24.68	9.01	7.82	8.2	1.59
320	1/14/2008 20:31	9.79	38.775	24.56	9.01	7.82	8.4	1.53
321	1/14/2008 20:46	9.8	38.822	24.59	8.96	7.82	8.5	1.48
322	1/14/2008 21:01	9.8	38.720	24.52	8.96	7.81	6.9	1.44
323	1/14/2008 21:16	9.78	38.546	24.4	8.77	7.8	5.0	1.43
324	1/14/2008 21:31	9.8	38.831	24.6	8.77	7.81	5.9	1.40
325	1/14/2008 21:46	9.81	38.897	24.64	8.91	7.81	7.2	1.43
326	1/14/2008 22:01	9.82	38.955	24.68	8.9	7.81	7.2	1.44
327	1/14/2008 22:16	9.82	39.053	24.75	8.92	7.82	7.3	1.47
328	1/14/2008 22:31	9.8	38.975	24.7	8.95	7.82	7.6	1.53
329	1/14/2008 22:46	9.81	38.918	24.66	8.95	7.81	7.5	1.56
330	1/14/2008 23:01	9.8	38.426	24.31	8.98	7.81	7.4	1.64
331	1/14/2008 23:16	9.81	38.450	24.33	8.98	7.81	7.9	1.71
332	1/14/2008 23:31	9.83	38.670	24.49	8.96	7.81	7.9	1.77
333	1/14/2008 23:46	9.85	38.832	24.6	8.98	7.82	8.0	1.87
334	1/15/2008 00:01	9.86	38.883	24.64	9.04	7.82	8.3	1.96
335	1/15/2008 00:16	9.87	39.395	24.99	9.03	7.83	8.0	2.02
336	1/15/2008 00:31	9.89	39.814	25.29	9.07	7.84	8.7	2.11
337	1/15/2008 00:46	9.9	39.976	25.4	9.1	7.85	8.3	2.18
338	1/15/2008 01:01	9.9	39.974	25.4	9.14	7.85	9.6	2.26
339	1/15/2008 01:16	9.9	40.321	25.64	9.18	7.86	9.8	2.36
340	1/15/2008 01:31	9.87	39.919	25.36	9.23	7.86	9.2	2.43
341	1/15/2008 01:46	9.86	40.671	25.89	9.26	7.87	8.2	2.50
342	1/15/2008 02:01	9.96	41.620	26.56	9.26	7.89	11.6	2.60
343	1/15/2008 02:16	9.96	41.729	26.63	9.29	7.89	15.5	2.68
344	1/15/2008 02:31	9.96	42.054	26.86	9.32	7.9	17.4	2.75
345	1/15/2008 02:46	9.96	42.015	26.84	9.34	7.9	16.5	2.84
346	1/15/2008 03:01	9.95	42.285	27.03	9.39	7.91	17.5	2.92
347	1/15/2008 03:16	9.97	42.784	27.38	9.41	7.92	15.3	3.00
348	1/15/2008 03:31	9.99	43.038	27.56	9.41	7.93	18.1	3.07
349	1/15/2008 03:46	10	43.266	27.72	9.43	7.94	15.1	3.13
350	1/15/2008 04:01	10	43.419	27.83	9.42	7.94	12.8	3.19
351	1/15/2008 04:16	10.02	43.603	27.96	9.44	7.94	9.0	3.23
352	1/15/2008 04:31	10.02	43.603	27.96	9.35	7.94	7.1	3.26
353	1/15/2008 04:46	9.99	43.340	27.77	9.4	7.94	10.2	3.28
354	1/15/2008 05:01	10.02	43.589	27.95	9.42	7.95	10.8	3.28
355	1/15/2008 05:16	10.02	43.812	28.11	9.44	7.95	11.9	3.24
356	1/15/2008 05:31	9.86	42.780	27.37	9.41	7.92	17.3	3.20
357	1/15/2008 05:46	9.87	43.261	27.71	9.43	7.93	20.8	3.15
358	1/15/2008 06:01	9.85	43.064	27.57	9.44	7.93	24.7	3.06
359	1/15/2008 06:16	9.83	42.712	27.32	9.45	7.93	22.8	2.98
360	1/15/2008 06:31	9.77	42.530	27.19	9.46	7.92	24.0	2.89

sonde #1		Indian Island Long-Term Deployment				Water Quality Data		TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
361	1/15/2008 06:46	9.73	42.395	27.09	9.4	7.91	21.8	2.79
362	1/15/2008 07:01	9.72	41.892	26.74	9.36	7.89	20.3	2.71
363	1/15/2008 07:16	9.71	41.702	26.6	9.36	7.89	21.4	2.62
364	1/15/2008 07:31	9.66	41.939	26.77	9.32	7.89	18.4	2.51
365	1/15/2008 07:46	9.63	41.251	26.28	9.32	7.88	17.5	2.43
366	1/15/2008 08:01	9.54	41.558	26.49	9.32	7.88	16.9	2.35
367	1/15/2008 08:16	9.55	40.542	25.78	9.28	7.86	16.9	2.24
368	1/15/2008 08:31	9.53	40.124	25.49	9.25	7.85	17.0	2.15
369	1/15/2008 08:46	9.48	39.968	25.38	9.22	7.84	17.0	2.04
370	1/15/2008 09:01	9.45	39.819	25.27	9.24	7.83	17.8	1.95
371	1/15/2008 09:16	9.36	40.082	25.45	9.27	7.84	20.2	1.85
372	1/15/2008 09:31	9.37	39.530	25.06	9.24	7.82	26.6	1.76
373	1/15/2008 09:46	9.29	39.593	25.1	9.29	7.83	25.9	1.68
374	1/15/2008 10:01	9.29	39.283	24.89	9.3	7.83	27.4	1.61
375	1/15/2008 10:16	9.28	39.372	24.95	9.27	7.82	27.6	1.54
376	1/15/2008 10:31	9.27	39.034	24.71	9.28	7.82	26.9	1.48
377	1/15/2008 10:46	9.28	39.155	24.8	9.23	7.81	26.5	1.46
378	1/15/2008 11:01	9.3	39.091	24.75	9.2	7.81	24.0	1.42
379	1/15/2008 11:16	9.32	39.055	24.73	9.12	7.8	21.6	1.45
380	1/15/2008 11:31	9.33	39.231	24.85	9.22	7.81	20.3	1.45
381	1/15/2008 11:46	9.34	39.306	24.91	9.18	7.81	18.1	1.47
382	1/15/2008 12:01	9.38	39.277	24.89	9.16	7.81	19.7	1.52
383	1/15/2008 12:16	9.43	39.196	24.83	9.17	7.81	17.8	1.56
384	1/15/2008 12:31	9.42	39.059	24.74	9.17	7.81	17.0	1.59
385	1/15/2008 12:46	9.41	39.255	24.87	9.17	7.81	17.2	1.66
386	1/15/2008 13:01	9.42	39.310	24.91	9.13	7.81	16.1	1.69
387	1/15/2008 13:16	9.45	39.162	24.81	9.16	7.81	17.2	1.75
388	1/15/2008 13:31	9.44	39.098	24.77	9.16	7.81	17.7	1.81
389	1/15/2008 13:46	9.43	39.051	24.73	9.14	7.81	17.9	1.86
390	1/15/2008 14:01	9.45	39.229	24.86	9.1	7.81	14.2	1.91
391	1/15/2008 14:16	9.51	39.642	25.15	9.14	7.82	15.3	1.98
392	1/15/2008 14:31	9.53	39.917	25.34	9.16	7.83	13.4	2.01
393	1/15/2008 14:46	9.56	40.136	25.5	9.13	7.83	12.3	2.06
394	1/15/2008 15:01	9.59	40.211	25.55	9.19	7.84	12.3	2.13
395	1/15/2008 15:16	9.6	39.976	25.39	9.18	7.84	10.9	2.16
396	1/15/2008 15:31	9.61	40.309	25.62	9.17	7.84	10.6	2.20
397	1/15/2008 15:46	9.62	39.942	25.36	9.3	7.85	14.4	2.25
398	1/15/2008 16:01	9.67	39.898	25.34	9.32	7.88	16.1	2.28
399	1/15/2008 16:16	9.64	39.940	25.36	9.36	7.87	17.6	2.32
400	1/15/2008 16:31	9.63	40.149	25.51	9.44	7.88	20.0	2.35
401	1/15/2008 16:46	9.61	39.821	25.28	9.43	7.89	23.0	2.35
402	1/15/2008 17:01	9.62	39.818	25.28	9.52	7.9	24.1	2.37
403	1/15/2008 17:16	9.59	40.087	25.46	9.36	7.87	27.7	2.36
404	1/15/2008 17:31	9.58	40.580	25.81	9.31	7.86	20.0	2.36
405	1/15/2008 17:46	9.56	40.630	25.84	9.38	7.86	27.0	2.34

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
406	1/15/2008 18:01	9.55	40.467	25.73	9.35	7.86	24.1	2.34
407	1/15/2008 18:16	9.49	40.493	25.74	9.36	7.86	27.2	2.31
408	1/15/2008 18:31	9.2	40.283	25.58	9.49	7.85	37.8	2.27
409	1/15/2008 18:46	9.18	40.114	25.46	9.5	7.85	36.1	2.21
410	1/15/2008 19:01	9.19	39.994	25.38	9.51	7.85	35.2	2.16
411	1/15/2008 19:16	9.23	39.919	25.33	9.48	7.84	33.9	2.10
412	1/15/2008 19:31	9.05	39.775	25.22	9.52	7.84	33.5	2.05
413	1/15/2008 19:46	9.08	39.772	25.22	9.46	7.84	29.7	1.99
414	1/15/2008 20:01	9.15	39.568	25.08	9.45	7.83	28.0	1.92
415	1/15/2008 20:16	9.02	39.550	25.06	9.47	7.83	29.1	1.85
416	1/15/2008 20:31	8.99	39.644	25.12	9.47	7.83	30.2	1.80
417	1/15/2008 20:46	9.02	39.656	25.13	9.47	7.83	33.0	1.74
418	1/15/2008 21:01	9.05	39.477	25.01	9.48	7.83	29.9	1.67
419	1/15/2008 21:16	9.02	39.447	24.99	9.47	7.83	29.5	1.63
420	1/15/2008 21:31	9.05	39.336	24.91	9.45	7.82	24.2	1.60
421	1/15/2008 21:46	9.11	39.250	24.85	9.43	7.82	22.6	1.58
422	1/15/2008 22:01	9.1	39.102	24.75	9.37	7.81	17.5	1.54
423	1/15/2008 22:16	9.11	39.265	24.86	9.33	7.81	19.4	1.54
424	1/15/2008 22:31	9.06	39.296	24.88	9.31	7.81	19.1	1.59
425	1/15/2008 22:46	9	39.273	24.86	9.38	7.82	19.8	1.58
426	1/15/2008 23:01	8.98	39.391	24.95	9.32	7.81	14.0	1.59
427	1/15/2008 23:16	9.01	39.393	24.95	9.4	7.82	19.0	1.63
428	1/15/2008 23:31	9.1	39.449	24.99	9.37	7.82	19.7	1.68
429	1/15/2008 23:46	9.08	39.565	25.07	9.37	7.82	17.3	1.71
430	1/16/2008 00:01	9.1	39.531	25.05	9.37	7.82	18.2	1.74
431	1/16/2008 00:16	9.05	39.570	25.07	9.39	7.82	18.6	1.82
432	1/16/2008 00:31	9.15	39.630	25.12	9.39	7.83	21.5	1.89
433	1/16/2008 00:46	9.22	40.030	25.4	9.39	7.84	18.2	1.94
434	1/16/2008 01:01	9.29	40.297	25.6	9.38	7.85	18.3	2.01
435	1/16/2008 01:16	9.3	40.321	25.61	9.41	7.85	19.9	2.09
436	1/16/2008 01:31	9.31	40.391	25.66	9.42	7.86	16.3	2.15
437	1/16/2008 01:46	9.23	40.280	25.58	9.47	7.86	18.9	2.23
438	1/16/2008 02:01	9.23	40.724	25.89	9.51	7.87	19.2	2.31
439	1/16/2008 02:16	9.25	41.062	26.13	9.53	7.88	16.7	2.39
440	1/16/2008 02:31	9.19	41.177	26.21	9.55	7.88	15.8	2.47
441	1/16/2008 02:46	9.18	41.293	26.29	9.56	7.89	15.9	2.54
442	1/16/2008 03:01	9.32	42.215	26.94	9.54	7.9	14.0	2.62
443	1/16/2008 03:16	9.44	42.661	27.26	9.55	7.91	14.3	2.69
444	1/16/2008 03:31	9.51	43.381	27.78	9.56	7.92	15.4	2.77
445	1/16/2008 03:46	9.34	43.056	27.54	9.61	7.92	14.6	2.85
446	1/16/2008 04:01	9.41	43.471	27.83	9.6	7.92	15.9	2.92
447	1/16/2008 04:16	9.39	43.724	28.01	9.62	7.93	14.0	2.99
448	1/16/2008 04:31	9.33	43.969	28.18	9.64	7.93	14.2	3.06
449	1/16/2008 04:46	9.34	44.030	28.23	9.66	7.93	13.6	3.12
450	1/16/2008 05:01	9.43	44.250	28.39	9.66	7.94	16.2	3.15

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
451	1/16/2008 05:16	9.39	44.209	28.36	9.64	7.94	12.9	3.15
452	1/16/2008 05:31	9.34	44.318	28.43	9.61	7.93	14.1	3.18
453	1/16/2008 05:46	9.33	44.400	28.49	9.62	7.94	16.5	3.17
454	1/16/2008 06:01	9.32	43.957	28.17	9.69	7.94	21.2	3.14
455	1/16/2008 06:16	9.08	43.216	27.63	9.68	7.92	35.7	3.10
456	1/16/2008 06:31	9.06	43.483	27.82	9.68	7.92	30.3	3.01
457	1/16/2008 06:46	9.05	43.438	27.79	9.67	7.92	25.2	2.97
458	1/16/2008 07:01	9.01	42.949	27.44	9.64	7.91	22.7	2.90
459	1/16/2008 07:16	8.98	42.968	27.45	9.64	7.91	20.5	2.82
460	1/16/2008 07:31	8.94	43.044	27.5	9.57	7.91	19.4	2.72
461	1/16/2008 07:46	8.9	42.780	27.32	9.54	7.9	17.3	2.65
462	1/16/2008 08:01	8.86	42.007	26.77	9.51	7.89	17.3	2.57
463	1/16/2008 08:16	8.85	41.735	26.58	9.48	7.88	19.2	2.47
464	1/16/2008 08:31	8.8	41.696	26.55	9.48	7.88	18.6	2.39
465	1/16/2008 08:46	8.76	41.464	26.38	9.48	7.87	19.2	2.27
466	1/16/2008 09:01	8.73	41.355	26.3	9.5	7.87	16.5	2.18
467	1/16/2008 09:16	8.65	40.977	26.03	9.49	7.86	16.5	2.09
468	1/16/2008 09:31	8.64	41.069	26.1	9.52	7.87	16.2	1.97
469	1/16/2008 09:46	8.6	40.943	26.01	9.6	7.87	16.2	1.86
470	1/16/2008 10:01	8.59	40.724	25.85	9.62	7.87	16.7	1.74
471	1/16/2008 10:16	8.58	40.492	25.69	9.63	7.86	17.0	1.64
472	1/16/2008 10:31	8.55	40.292	25.55	9.6	7.86	17.9	1.54
473	1/16/2008 10:46	8.55	39.954	25.31	9.57	7.85	16.7	1.44
474	1/16/2008 11:01	8.57	39.782	25.19	9.56	7.85	17.1	1.36
475	1/16/2008 11:16	8.61	39.926	25.3	9.51	7.85	16.4	1.30
476	1/16/2008 11:31	8.66	39.939	25.31	9.49	7.84	13.7	1.23
477	1/16/2008 11:46	8.75	40.355	25.6	9.29	7.83	10.3	1.17
478	1/16/2008 12:01	8.77	40.488	25.7	9.21	7.83	9.2	1.15
479	1/16/2008 12:16	8.76	40.157	25.47	9.41	7.84	13.6	1.14
480	1/16/2008 12:31	8.71	40.004	25.36	9.35	7.83	13.3	1.12
481	1/16/2008 12:46	8.75	40.070	25.41	9.4	7.83	11.8	1.14
482	1/16/2008 13:01	8.74	40.081	25.41	9.32	7.83	12.0	1.16
483	1/16/2008 13:16	8.8	40.314	25.58	9.29	7.83	12.2	1.20
484	1/16/2008 13:31	8.81	40.454	25.68	9.34	7.84	13.4	1.26
485	1/16/2008 13:46	8.81	40.257	25.54	9.38	7.84	12.9	1.28
486	1/16/2008 14:01	8.85	40.346	25.6	9.36	7.84	12.8	1.32
487	1/16/2008 14:16	8.87	40.194	25.5	9.43	7.84	14.4	1.38
488	1/16/2008 14:31	8.87	40.345	25.6	9.41	7.84	14.2	1.44
489	1/16/2008 14:46	8.86	40.316	25.58	9.39	7.84	15.3	1.49
490	1/16/2008 15:01	8.83	40.239	25.53	9.43	7.84	14.8	1.55
491	1/16/2008 15:16	8.82	40.317	25.58	9.38	7.84	11.8	1.61
492	1/16/2008 15:31	8.79	40.269	25.55	9.4	7.84	13.4	1.68
493	1/16/2008 15:46	8.79	40.825	25.94	9.35	7.85	12.4	1.73
494	1/16/2008 16:01	8.83	41.171	26.18	9.37	7.86	13.3	1.80
495	1/16/2008 16:16	8.83	40.945	26.02	9.42	7.86	13.9	1.86

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
496	1/16/2008 16:31	8.86	41.276	26.26	9.43	7.86	13.9	1.92
497	1/16/2008 16:46	8.87	41.220	26.22	9.43	7.86	18.3	1.98
498	1/16/2008 17:01	8.9	41.399	26.34	9.44	7.87	12.3	2.03
499	1/16/2008 17:16	8.92	41.467	26.39	9.45	7.87	12.4	2.08
500	1/16/2008 17:31	8.93	41.395	26.34	9.45	7.87	12.5	2.13
501	1/16/2008 17:46	8.93	41.615	26.5	9.47	7.87	12.0	2.18
502	1/16/2008 18:01	8.93	41.402	26.35	9.48	7.87	11.4	2.20
503	1/16/2008 18:16	8.94	41.522	26.43	9.43	7.87	9.8	2.23
504	1/16/2008 18:31	8.86	41.183	26.19	9.33	7.86	9.4	2.26
505	1/16/2008 18:46	8.78	41.135	26.15	9.48	7.87	11.5	2.27
506	1/16/2008 19:01	8.81	41.233	26.22	9.4	7.9	10.8	2.26
507	1/16/2008 19:16	8.97	41.923	26.72	9.33	7.87	8.3	2.26
508	1/16/2008 19:31	8.98	42.010	26.78	9.39	7.88	10.4	2.24
509	1/16/2008 19:46	8.96	41.860	26.67	9.32	7.87	10.6	2.22
510	1/16/2008 20:01	8.9	41.402	26.35	9.38	7.87	11.8	2.19
511	1/16/2008 20:16	8.84	41.183	26.19	9.38	7.86	11.5	2.15
512	1/16/2008 20:31	8.73	40.851	25.95	9.46	7.87	13.5	2.11
513	1/16/2008 20:46	8.86	41.111	26.14	9.45	7.87	12.5	2.06
514	1/16/2008 21:01	8.56	40.520	25.71	9.46	7.85	14.1	2.03
515	1/16/2008 21:16	8.51	40.467	25.67	9.46	7.84	13.5	1.97
516	1/16/2008 21:31	8.36	40.418	25.63	9.44	7.84	14.2	1.91
517	1/16/2008 21:46	8.43	40.435	25.64	9.39	7.84	12.1	1.89
518	1/16/2008 22:01	8.4	40.392	25.61	9.37	7.83	12.3	1.84
519	1/16/2008 22:16	8.35	40.328	25.56	9.33	7.83	10.9	1.81
520	1/16/2008 22:31	8.33	40.327	25.56	9.28	7.82	11.1	1.79
521	1/16/2008 22:46	8.32	40.331	25.56	9.21	7.82	10.6	1.78
522	1/16/2008 23:01	8.42	40.267	25.52	9.1	7.81	7.5	1.77
523	1/16/2008 23:16	8.59	40.612	25.78	9.15	7.82	7.5	1.75
524	1/16/2008 23:31	8.49	40.541	25.72	9.23	7.83	10.2	1.78
525	1/16/2008 23:46	8.3	40.544	25.71	9.32	7.83	10.8	1.79
526	1/17/2008 00:01	8.36	40.419	25.63	9.3	7.83	11.2	1.80
527	1/17/2008 00:16	8.37	40.440	25.64	9.36	7.84	10.4	1.83
528	1/17/2008 00:31	8.65	40.571	25.75	9.35	7.85	10.9	1.88
529	1/17/2008 00:46	8.5	40.650	25.8	9.37	7.84	9.7	1.92
530	1/17/2008 01:01	8.36	40.453	25.65	9.39	7.84	11.3	1.96
531	1/17/2008 01:16	8.61	40.756	25.88	9.4	7.85	12.6	2.02
532	1/17/2008 01:31	8.78	41.485	26.4	9.42	7.86	10.7	2.07
533	1/17/2008 01:46	8.79	41.459	26.38	9.47	7.87	12.3	2.14
534	1/17/2008 02:01	8.82	41.735	26.58	9.48	7.87	12.5	2.21
535	1/17/2008 02:16	8.87	41.817	26.64	9.52	7.88	14.3	2.27
536	1/17/2008 02:31	8.81	41.728	26.57	9.54	7.88	13.3	2.34
537	1/17/2008 02:46	8.87	42.433	27.07	9.58	7.89	12.5	2.43
538	1/17/2008 03:01	8.8	42.521	27.13	9.61	7.89	12.6	2.49
539	1/17/2008 03:16	8.65	42.286	26.95	9.63	7.89	13.3	2.57
540	1/17/2008 03:31	8.59	42.035	26.77	9.62	7.88	14.3	2.65

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
541	1/17/2008 03:46	8.56	42.272	26.94	9.64	7.89	15.0	2.73
542	1/17/2008 04:01	8.67	42.958	27.43	9.67	7.89	14.1	2.82
543	1/17/2008 04:16	8.63	43.263	27.64	9.68	7.9	13.7	2.90
544	1/17/2008 04:31	8.76	44.160	28.28	9.67	7.9	13.0	2.98
545	1/17/2008 04:46	8.84	44.567	28.57	9.68	7.91	12.0	3.06
546	1/17/2008 05:01	9.02	45.367	29.15	9.66	7.91	11.5	3.13
547	1/17/2008 05:16	9.19	46.645	30.08	9.66	7.91	15.6	3.20
548	1/17/2008 05:31	9.18	46.948	30.29	9.67	7.91	15.3	3.25
549	1/17/2008 05:46	9.16	46.885	30.24	9.65	7.91	13.0	3.29
550	1/17/2008 06:01	9.11	47.008	30.33	9.63	7.91	13.9	3.33
551	1/17/2008 06:16	9.1	46.964	30.3	9.62	7.91	13.6	3.36
552	1/17/2008 06:31	9.1	46.787	30.17	9.66	7.91	14.5	3.35
553	1/17/2008 06:46	9.11	46.961	30.3	9.64	7.91	15.9	3.33
554	1/17/2008 07:01	9.12	46.941	30.28	9.63	7.91	16.4	3.31
555	1/17/2008 07:16	9.13	46.842	30.21	9.64	7.91	16.9	3.24
556	1/17/2008 07:31	8.56	43.634	27.89	9.63	7.9	16.4	3.17
557	1/17/2008 07:46	8.6	44.150	28.26	9.58	7.89	13.6	3.09
558	1/17/2008 08:01	8.63	44.087	28.22	9.59	7.89	14.8	3.01
559	1/17/2008 08:16	8.71	44.607	28.59	9.57	7.89	12.8	2.92
560	1/17/2008 08:31	8.68	44.597	28.58	9.56	7.89	11.7	2.82
561	1/17/2008 08:46	8.63	44.086	28.22	9.6	7.89	10.4	2.71
562	1/17/2008 09:01	8.61	43.997	28.15	9.6	7.89	10.3	2.63
563	1/17/2008 09:16	8.56	43.617	27.88	9.65	7.89	9.7	2.52
564	1/17/2008 09:31	8.46	43.354	27.69	9.66	7.89	10.0	2.42
565	1/17/2008 09:46	8.41	42.910	27.37	9.65	7.88	10.1	2.32
566	1/17/2008 10:01	8.43	42.579	27.14	9.61	7.87	11.8	2.21
567	1/17/2008 10:16	8.42	42.049	26.77	9.62	7.87	13.1	2.10
568	1/17/2008 10:31	8.44	41.910	26.67	9.63	7.87	11.2	1.98
569	1/17/2008 10:46	8.52	42.071	26.79	9.7	7.88	10.5	1.87
570	1/17/2008 11:01	8.54	41.698	26.53	9.86	7.89	10.3	1.74
571	1/17/2008 11:16	8.55	41.379	26.31	9.85	7.89	11.4	1.63
572	1/17/2008 11:31	8.55	40.913	25.98	9.89	7.89	11.2	1.50
573	1/17/2008 11:46	8.58	40.899	25.97	9.84	7.88	11.1	1.39
574	1/17/2008 12:01	8.57	40.683	25.82	9.73	7.87	11.3	1.29
575	1/17/2008 12:16	8.54	40.535	25.72	9.71	7.86	11.8	1.20
576	1/17/2008 12:31	8.51	40.453	25.66	9.58	7.85	10.3	1.14
577	1/17/2008 12:46	8.47	40.598	25.76	9.52	7.84	10.6	1.06
578	1/17/2008 13:01	8.48	40.498	25.69	9.46	7.84	8.4	1.01
579	1/17/2008 13:16	8.45	40.993	26.03	9.44	7.85	9.8	1.02
580	1/17/2008 13:31	8.65	41.016	26.06	9.53	7.86	10.0	1.01
581	1/17/2008 13:46	8.57	41.173	26.17	9.53	7.86	10.0	1.02
582	1/17/2008 14:01	8.74	41.083	26.11	9.58	7.86	9.2	1.03
583	1/17/2008 14:16	8.66	41.020	26.06	9.53	7.86	8.6	1.08
584	1/17/2008 14:31	8.54	41.129	26.13	9.45	7.85	8.2	1.12
585	1/17/2008 14:46	8.6	41.136	26.14	9.49	7.85	9.3	1.15

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
586	1/17/2008 15:01	8.68	41.149	26.16	9.52	7.85	9.3	1.21
587	1/17/2008 15:16	8.75	41.180	26.18	9.57	7.86	10.1	1.28
588	1/17/2008 15:31	8.74	41.064	26.1	9.56	7.86	9.7	1.33
589	1/17/2008 15:46	8.7	41.115	26.13	9.51	7.85	8.6	1.38
590	1/17/2008 16:01	8.64	41.244	26.22	9.5	7.85	9.9	1.45
591	1/17/2008 16:16	8.65	41.287	26.25	9.51	7.85	9.0	1.50
592	1/17/2008 16:31	8.59	41.175	26.17	9.48	7.85	9.5	1.57
593	1/17/2008 16:46	8.57	41.539	26.42	9.45	7.85	9.5	1.65
594	1/17/2008 17:01	8.61	41.967	26.72	9.45	7.86	13.1	1.73
595	1/17/2008 17:16	8.61	41.939	26.71	9.5	7.86	9.8	1.80
596	1/17/2008 17:31	8.62	42.110	26.83	9.5	7.87	10.1	1.87
597	1/17/2008 17:46	8.63	42.081	26.81	9.53	7.87	11.1	1.94
598	1/17/2008 18:01	8.64	42.283	26.95	9.52	7.87	10.7	2.01
599	1/17/2008 18:16	8.64	42.350	27	9.53	7.87	11.1	2.07
600	1/17/2008 18:31	8.64	42.361	27	9.56	7.87	10.6	2.12
601	1/17/2008 18:46	8.64	42.300	26.96	9.52	7.87	9.7	2.18
602	1/17/2008 19:01	8.64	42.761	27.29	9.51	7.87	10.0	2.23
603	1/17/2008 19:16	8.65	42.791	27.31	9.5	7.87	9.4	2.26
604	1/17/2008 19:31	8.65	42.851	27.35	9.47	7.87	9.3	2.30
605	1/17/2008 19:46	8.64	42.615	27.18	9.46	7.87	8.3	2.33
606	1/17/2008 20:01	8.64	42.696	27.24	9.37	7.86	6.9	2.35
607	1/17/2008 20:16	8.66	42.706	27.25	9.45	7.87	8.1	2.37
608	1/17/2008 20:31	8.66	43.113	27.53	9.35	7.86	7.5	2.36
609	1/17/2008 20:46	8.67	43.082	27.51	9.14	7.86	8.1	2.36
610	1/17/2008 21:01	8.67	43.090	27.52	9.35	7.87	9.0	2.36
611	1/17/2008 21:16	8.67	43.230	27.62	9.44	7.87	9.5	2.34
612	1/17/2008 21:31	8.67	42.943	27.42	9.45	7.87	9.7	2.33
613	1/17/2008 21:46	8.66	42.912	27.39	9.46	7.87	9.5	2.29
614	1/17/2008 22:01	8.65	42.778	27.3	9.47	7.87	11.4	2.24
615	1/17/2008 22:16	8.63	42.556	27.14	9.49	7.87	11.5	2.23
616	1/17/2008 22:31	8.62	42.380	27.02	9.47	7.86	10.9	2.16
617	1/17/2008 22:46	8.58	42.319	26.97	9.46	7.86	11.2	2.12
618	1/17/2008 23:01	8.59	42.340	26.99	9.45	7.86	10.3	2.08
619	1/17/2008 23:16	8.48	42.183	26.87	9.45	7.86	9.4	2.05
620	1/17/2008 23:31	8.39	41.763	26.57	9.33	7.84	6.9	2.01
621	1/17/2008 23:46	8.41	41.549	26.42	9.38	7.85	8.1	1.98
622	1/18/2008 00:01	8.26	41.401	26.31	9.32	7.83	7.1	1.96
623	1/18/2008 00:16	8.27	41.471	26.36	9.25	7.83	4.3	1.96
624	1/18/2008 00:31	8.36	41.589	26.44	9.41	7.85	8.6	1.96
625	1/18/2008 00:46	8.37	41.563	26.43	9.39	7.85	8.7	1.96
626	1/18/2008 01:01	8.29	41.354	26.27	9.44	7.84	9.7	1.99
627	1/18/2008 01:16	8.36	41.710	26.53	9.44	7.85	7.6	2.01
628	1/18/2008 01:31	8.32	41.426	26.33	9.46	7.85	8.2	2.04
629	1/18/2008 01:46	8.54	42.343	26.98	9.43	7.86	9.3	2.10
630	1/18/2008 02:01	8.54	42.264	26.93	9.42	7.86	9.6	2.13

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
631	1/18/2008 02:16	8.64	43.144	27.56	9.42	7.86	12.0	2.19
632	1/18/2008 02:31	8.66	43.531	27.83	9.44	7.87	10.4	2.23
633	1/18/2008 02:46	8.61	43.171	27.57	9.44	7.86	9.8	2.30
634	1/18/2008 03:01	8.62	43.244	27.62	9.47	7.87	9.6	2.36
635	1/18/2008 03:16	8.64	43.513	27.82	9.47	7.87	13.4	2.43
636	1/18/2008 03:31	8.75	44.905	28.81	9.35	7.86	10.8	2.50
637	1/18/2008 03:46	8.77	45.324	29.11	9.36	7.86	11.0	2.55
638	1/18/2008 04:01	8.76	45.332	29.11	9.37	7.86	10.9	2.63
639	1/18/2008 04:16	8.65	44.996	28.86	9.43	7.87	13.3	2.71
640	1/18/2008 04:31	8.65	44.802	28.73	9.44	7.86	12.2	2.78
641	1/18/2008 04:46	8.62	45.316	29.09	9.44	7.86	12.3	2.89
642	1/18/2008 05:01	8.45	44.497	28.5	9.5	7.87	13.7	2.96
643	1/18/2008 05:16	8.66	45.928	29.53	9.42	7.86	11.4	3.05
644	1/18/2008 05:31	8.84	47.313	30.53	9.34	7.85	14.1	3.12
645	1/18/2008 05:46	8.94	48.050	31.06	9.31	7.85	15.1	3.20
646	1/18/2008 06:01	8.92	48.076	31.08	9.33	7.85	12.6	3.26
647	1/18/2008 06:16	8.86	48.022	31.04	9.36	7.85	14.2	3.32
648	1/18/2008 06:31	8.86	48.008	31.03	9.32	7.85	11.1	3.35
649	1/18/2008 06:46	8.84	47.860	30.92	9.33	7.85	11.7	3.41
650	1/18/2008 07:01	8.84	47.839	30.9	9.31	7.85	9.5	3.43
651	1/18/2008 07:16	8.84	48.159	31.13	9.34	7.85	12.7	3.43
652	1/18/2008 07:31	8.85	48.190	31.16	9.21	7.85	30.5	3.43
653	1/18/2008 07:46	8.85	47.879	30.93	9.32	7.85	13.7	3.42
654	1/18/2008 08:01	8.87	48.188	31.16	9.32	7.85	12.8	3.36
655	1/18/2008 08:16	8.34	45.132	28.94	9.41	7.85	12.2	3.32
656	1/18/2008 08:31	8.28	45.040	28.87	9.39	7.85	10.9	3.25
657	1/18/2008 08:46	8.28	44.476	28.47	9.41	7.85	9.4	3.17
658	1/18/2008 09:01	8.29	44.239	28.3	9.42	7.85	9.0	3.09
659	1/18/2008 09:16	8.41	44.842	28.74	9.42	7.85	11.0	2.99
660	1/18/2008 09:31	8.41	44.736	28.66	9.41	7.85	11.5	2.89
661	1/18/2008 09:46	8.34	44.205	28.28	9.45	7.85	10.4	2.80
662	1/18/2008 10:01	8.34	44.233	28.3	9.48	7.86	11.4	2.68
663	1/18/2008 10:16	8.51	45.042	28.89	9.4	7.86	13.4	2.57
664	1/18/2008 10:31	8.39	43.803	28	9.62	7.87	9.2	2.46
665	1/18/2008 10:46	8.47	44.011	28.15	9.62	7.87	8.7	2.35
666	1/18/2008 11:01	8.52	43.771	27.99	9.61	7.87	9.1	2.21
667	1/18/2008 11:16	8.6	43.657	27.91	9.64	7.87	11.7	2.09
668	1/18/2008 11:31	8.69	43.688	27.94	9.71	7.88	9.7	1.97
669	1/18/2008 11:46	8.7	43.431	27.76	9.75	7.88	10.3	1.84
670	1/18/2008 12:01	8.64	43.207	27.6	9.75	7.87	12.9	1.70
671	1/18/2008 12:16	8.8	42.877	27.38	9.91	7.9	11.5	1.55
672	1/18/2008 12:31	8.72	42.252	26.93	9.8	7.88	10.7	1.41
673	1/18/2008 12:46	8.69	41.995	26.75	9.74	7.87	13.2	1.28
674	1/18/2008 13:01	8.75	41.954	26.72	9.78	7.88	11.5	1.15
675	1/18/2008 13:16	8.69	41.561	26.45	9.74	7.87	11.3	1.04

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
676	1/18/2008 13:31	8.7	41.554	26.44	9.73	7.87	11.7	0.94
677	1/18/2008 13:46	8.74	41.590	26.47	9.74	7.88	11.8	0.85
678	1/18/2008 14:01	8.75	41.545	26.44	9.74	7.87	10.8	0.80
679	1/18/2008 14:16	8.71	41.788	26.61	9.58	7.87	7.7	0.78
680	1/18/2008 14:31	8.68	41.991	26.75	9.64	7.87	8.9	0.78
681	1/18/2008 14:46	8.77	42.084	26.82	9.65	7.87	13.1	0.81
682	1/18/2008 15:01	8.77	41.659	26.52	9.72	7.87	8.9	0.84
683	1/18/2008 15:16	8.78	41.851	26.65	9.68	7.87	7.8	0.89
684	1/18/2008 15:31	8.74	42.038	26.78	9.6	7.87	7.3	0.95
685	1/18/2008 15:46	8.71	42.145	26.86	9.59	7.87	9.4	0.99
686	1/18/2008 16:01	8.78	41.895	26.69	9.62	7.87	9.9	1.05
687	1/18/2008 16:16	8.8	41.936	26.72	9.59	7.86	7.6	1.11
688	1/18/2008 16:31	8.8	41.931	26.71	9.59	7.86	7.1	1.16
689	1/18/2008 16:46	8.77	41.848	26.65	9.58	7.86	8.1	1.23
690	1/18/2008 17:01	8.74	41.984	26.75	9.57	7.86	8.9	1.29
691	1/18/2008 17:16	8.7	41.732	26.57	9.58	7.85	11.4	1.38
692	1/18/2008 17:31	8.67	42.260	26.93	9.52	7.85	9.7	1.47
693	1/18/2008 17:46	8.64	42.412	27.04	9.5	7.85	9.7	1.54
694	1/18/2008 18:01	8.63	42.275	26.94	9.47	7.85	9.9	1.62
695	1/18/2008 18:16	8.63	42.769	27.29	9.45	7.85	11.5	1.73
696	1/18/2008 18:31	8.61	42.664	27.22	9.45	7.85	11.7	1.83
697	1/18/2008 18:46	8.6	43.631	27.9	9.38	7.85	13.1	1.90
698	1/18/2008 19:01	8.58	43.783	28	9.37	7.85	13.9	1.99
699	1/18/2008 19:16	8.58	43.794	28.01	9.38	7.85	12.1	2.07
700	1/18/2008 19:31	8.57	43.841	28.04	9.37	7.85	11.5	2.14
701	1/18/2008 19:46	8.57	43.900	28.08	9.41	7.85	11.7	2.21
702	1/18/2008 20:01	8.59	43.920	28.1	9.43	7.85	11.6	2.27
703	1/18/2008 20:16	8.6	43.945	28.12	9.41	7.85	11.7	2.33
704	1/18/2008 20:31	8.6	44.081	28.21	9.41	7.85	11.1	2.39
705	1/18/2008 20:46	8.61	44.136	28.25	9.36	7.85	10.7	2.43
706	1/18/2008 21:01	8.61	44.416	28.45	9.34	7.85	8.8	2.47
707	1/18/2008 21:16	8.63	44.318	28.38	9.32	7.84	6.8	2.50
708	1/18/2008 21:31	8.65	44.783	28.71	9.22	7.84	5.6	2.51
709	1/18/2008 21:46	8.61	44.356	28.41	9.3	7.84	8.3	2.53
710	1/18/2008 22:01	8.64	44.393	28.44	9.31	7.85	12.5	2.54
711	1/18/2008 22:16	8.63	44.652	28.62	9.34	7.85	12.0	2.54
712	1/18/2008 22:31	8.64	44.690	28.65	9.36	7.85	10.8	2.52
713	1/18/2008 22:46	8.63	44.437	28.47	9.36	7.85	10.1	2.48
714	1/18/2008 23:01	8.61	44.589	28.57	9.3	7.84	10.4	2.44
715	1/18/2008 23:16	8.59	43.943	28.12	9.34	7.85	12.2	2.39
716	1/18/2008 23:31	8.58	44.118	28.24	9.34	7.85	12.0	2.34
717	1/18/2008 23:46	8.58	43.935	28.11	9.33	7.85	10.4	2.28
718	1/19/2008 00:01	8.53	43.847	28.04	9.31	7.84	10.0	2.23
719	1/19/2008 00:16	8.44	43.697	27.93	9.28	7.84	9.2	2.20
720	1/19/2008 00:31	8.33	43.262	27.62	9.3	7.84	8.4	2.13

sonde #1		Indian Island Long-Term Deployment				Water Quality Data		TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
721	1/19/2008 00:46	8.26	42.937	27.38	9.33	7.84	7.6	2.10
722	1/19/2008 01:01	8.22	42.871	27.33	9.33	7.84	7.4	2.07
723	1/19/2008 01:16	8.26	43.000	27.43	9.32	7.84	6.9	2.04
724	1/19/2008 01:31	8.23	42.863	27.33	9.06	7.82	2.9	2.02
725	1/19/2008 01:46	8.36	43.218	27.59	9.22	7.83	5.6	2.02
726	1/19/2008 02:01	8.44	43.567	27.84	9.27	7.84	7.4	2.02
727	1/19/2008 02:16	8.36	43.246	27.61	9.26	7.84	7.8	2.05
728	1/19/2008 02:31	8.21	43.263	27.61	9.29	7.84	7.6	2.08
729	1/19/2008 02:46	8.35	43.380	27.7	9.29	7.84	8.4	2.12
730	1/19/2008 03:01	8.36	43.418	27.73	9.29	7.84	9.0	2.16
731	1/19/2008 03:16	8.44	43.579	27.85	9.33	7.84	11.1	2.21
732	1/19/2008 03:31	8.42	43.944	28.1	9.29	7.84	11.2	2.26
733	1/19/2008 03:46	8.39	44.136	28.24	9.32	7.84	9.5	2.32
734	1/19/2008 04:01	8.34	43.988	28.13	9.34	7.84	8.6	2.39
735	1/19/2008 04:16	8.47	44.709	28.65	9.31	7.84	9.2	2.46
736	1/19/2008 04:31	8.39	44.289	28.35	9.32	7.84	8.9	2.53
737	1/19/2008 04:46	8.4	44.552	28.53	9.32	7.84	9.2	2.60
738	1/19/2008 05:01	8.42	44.708	28.64	9.37	7.85	11.7	2.67
739	1/19/2008 05:16	8.47	45.182	28.98	9.36	7.85	11.4	2.76
740	1/19/2008 05:31	8.46	45.284	29.06	9.36	7.85	10.4	2.84
741	1/19/2008 05:46	8.56	46.224	29.73	9.3	7.84	9.5	2.92
742	1/19/2008 06:01	8.69	47.126	30.38	9.22	7.84	11.2	3.01
743	1/19/2008 06:16	8.85	48.214	31.17	9.14	7.84	14.0	3.09
744	1/19/2008 06:31	8.85	48.238	31.19	9.11	7.84	17.0	3.17
745	1/19/2008 06:46	8.78	48.355	31.27	9.07	7.84	13.4	3.25
746	1/19/2008 07:01	8.81	48.616	31.46	9.04	7.83	11.7	3.32
747	1/19/2008 07:16	8.76	48.471	31.35	9.03	7.83	10.4	3.38
748	1/19/2008 07:31	8.79	48.708	31.52	8.91	7.83	15.0	3.42
749	1/19/2008 07:46	8.8	48.770	31.57	8.91	7.83	11.2	3.47
750	1/19/2008 08:01	8.8	48.910	31.67	8.87	7.83	9.8	3.51
751	1/19/2008 08:16	8.78	48.741	31.55	8.92	7.83	8.0	3.51
752	1/19/2008 08:31	8.78	48.352	31.27	9	7.83	10.6	3.52
753	1/19/2008 08:46	8.79	48.649	31.48	8.94	7.83	11.9	3.50
754	1/19/2008 09:01	8.65	47.526	30.67	9.03	7.83	10.5	3.47
755	1/19/2008 09:16	8.46	46.327	29.8	9.21	7.84	8.9	3.43
756	1/19/2008 09:31	8.36	46.210	29.71	9.21	7.83	10.2	3.35
757	1/19/2008 09:46	8.46	46.216	29.72	9.2	7.83	10.1	3.28
758	1/19/2008 10:01	8.41	45.329	29.08	9.25	7.83	7.9	3.20
759	1/19/2008 10:16	8.43	45.675	29.33	9.23	7.84	9.7	3.09
760	1/19/2008 10:31	8.57	45.894	29.5	9.21	7.83	10.4	2.97
761	1/19/2008 10:46	8.58	45.469	29.19	9.23	7.84	11.3	2.87
762	1/19/2008 11:01	8.59	45.932	29.52	9.24	7.84	16.9	2.75
763	1/19/2008 11:16	8.6	45.694	29.36	9.23	7.84	14.8	2.62
764	1/19/2008 11:31	8.7	44.984	28.86	9.43	7.85	9.1	2.48
765	1/19/2008 11:46	8.75	45.282	29.07	9.47	7.85	11.8	2.35

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
766	1/19/2008 12:01	8.86	45.380	29.15	9.49	7.86	7.9	2.23
767	1/19/2008 12:16	8.84	44.768	28.72	9.61	7.86	9.0	2.08
768	1/19/2008 12:31	8.91	44.740	28.7	9.64	7.87	9.9	1.92
769	1/19/2008 12:46	8.99	44.587	28.6	9.7	7.88	12.4	1.79
770	1/19/2008 13:01	9.02	44.243	28.36	9.81	7.89	10.4	1.65
771	1/19/2008 13:16	8.95	43.891	28.1	9.84	7.89	12.2	1.47
772	1/19/2008 13:31	8.91	43.473	27.8	9.76	7.89	13.3	1.30
773	1/19/2008 13:46	8.83	43.088	27.53	9.73	7.88	13.7	1.18
774	1/19/2008 14:01	8.79	43.005	27.47	9.69	7.88	12.2	1.03
775	1/19/2008 14:16	8.79	42.418	27.05	9.73	7.88	13.9	0.88
776	1/19/2008 14:31	8.81	42.436	27.07	9.73	7.88	14.4	0.78
777	1/19/2008 14:46	8.81	42.440	27.07	9.72	7.88	10.7	0.67
778	1/19/2008 15:01	8.86	42.515	27.13	9.55	7.87	12.0	0.63
779	1/19/2008 15:16	8.85	42.664	27.23	9.67	7.88	9.5	0.60
780	1/19/2008 15:31	8.85	42.732	27.28	9.65	7.88	8.6	0.60
781	1/19/2008 15:46	8.83	42.851	27.36	9.64	7.87	10.7	0.67
782	1/19/2008 16:01	8.82	42.586	27.17	9.64	7.87	11.5	0.73
783	1/19/2008 16:16	8.83	42.862	27.37	9.6	7.87	9.3	0.78
784	1/19/2008 16:31	8.83	42.791	27.32	9.64	7.87	8.4	0.87
785	1/19/2008 16:46	8.77	42.080	26.81	9.63	7.86	14.2	0.91
786	1/19/2008 17:01	8.79	42.285	26.96	9.57	7.86	7.4	0.96
787	1/19/2008 17:16	8.78	42.525	27.13	9.54	7.86	7.8	1.02
788	1/19/2008 17:31	8.77	42.666	27.23	9.55	7.86	9.2	1.10
789	1/19/2008 17:46	8.77	42.713	27.26	9.53	7.85	9.1	1.17
790	1/19/2008 18:01	8.75	42.660	27.22	9.52	7.85	8.7	1.22
791	1/19/2008 18:16	8.74	42.584	27.17	9.51	7.85	8.7	1.34
792	1/19/2008 18:31	8.73	42.831	27.34	9.48	7.84	10.1	1.44
793	1/19/2008 18:46	8.74	43.092	27.52	9.46	7.84	10.4	1.53
794	1/19/2008 19:01	8.74	43.855	28.06	9.38	7.84	10.0	1.63
795	1/19/2008 19:16	8.74	43.959	28.14	9.36	7.84	10.6	1.75
796	1/19/2008 19:31	8.73	44.175	28.29	9.32	7.84	12.3	1.86
797	1/19/2008 19:46	8.72	44.530	28.54	9.29	7.84	13.9	1.95
798	1/19/2008 20:01	8.72	44.497	28.52	9.29	7.84	13.9	2.02
799	1/19/2008 20:16	8.73	44.934	28.83	9.27	7.84	16.4	2.12
800	1/19/2008 20:31	8.73	44.906	28.81	9.28	7.84	16.7	2.20
801	1/19/2008 20:46	8.73	45.095	28.94	9.26	7.83	17.8	2.28
802	1/19/2008 21:01	8.72	45.237	29.04	9.26	7.83	20.0	2.36
803	1/19/2008 21:16	8.72	45.390	29.15	9.25	7.83	15.6	2.42
804	1/19/2008 21:31	8.72	45.505	29.23	9.23	7.83	15.4	2.50
805	1/19/2008 21:46	8.76	45.870	29.49	9.21	7.83	16.1	2.55
806	1/19/2008 22:01	8.79	46.547	29.98	9.18	7.83	14.3	2.60
807	1/19/2008 22:16	8.81	46.636	30.04	9.15	7.83	11.6	2.63
808	1/19/2008 22:31	8.82	46.826	30.18	9.12	7.83	10.3	2.67
809	1/19/2008 22:46	8.82	46.955	30.27	9.01	7.82	5.9	2.71
810	1/19/2008 23:01	8.81	46.625	30.03	9.07	7.83	10.7	2.71

sonde #1		Indian Island Long-Term Deployment				Water Quality Data		TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
811	1/19/2008 23:16	8.84	47.157	30.42	9.07	7.83	9.7	2.69
812	1/19/2008 23:31	8.83	46.919	30.25	9.12	7.83	11.1	2.68
813	1/19/2008 23:46	8.8	46.394	29.87	9.11	7.83	11.5	2.64
814	1/20/2008 00:01	8.76	46.106	29.66	9.14	7.83	10.8	2.58
815	1/20/2008 00:16	8.75	45.870	29.49	9.15	7.83	12.6	2.52
816	1/20/2008 00:31	8.72	45.311	29.09	9.17	7.83	15.7	2.44
817	1/20/2008 00:46	8.71	45.330	29.11	9.17	7.83	12.5	2.38
818	1/20/2008 01:01	8.69	45.092	28.94	9.11	7.82	9.0	2.32
819	1/20/2008 01:16	8.68	45.105	28.94	9.1	7.82	8.8	2.26
820	1/20/2008 01:31	8.68	45.062	28.91	9.13	7.82	9.2	2.18
821	1/20/2008 01:46	8.65	44.888	28.79	9.13	7.82	8.2	2.16
822	1/20/2008 02:01	8.64	44.570	28.56	9.16	7.82	8.4	2.12
823	1/20/2008 02:16	8.64	44.330	28.39	9.19	7.82	7.9	2.06
824	1/20/2008 02:31	8.63	44.253	28.34	9.16	7.82	7.6	2.03
825	1/20/2008 02:46	8.63	44.023	28.17	9.15	7.82	6.2	2.03
826	1/20/2008 03:01	8.66	44.193	28.3	9.08	7.82	5.8	2.03
827	1/20/2008 03:16	8.62	44.064	28.2	9.15	7.82	6.2	2.01
828	1/20/2008 03:31	8.59	44.059	28.2	9.11	7.82	6.4	2.05
829	1/20/2008 03:46	8.63	44.528	28.53	9.14	7.82	7.5	2.09
830	1/20/2008 04:01	8.65	44.766	28.7	9.11	7.82	11.1	2.12
831	1/20/2008 04:16	8.65	44.827	28.75	9.13	7.82	9.3	2.15
832	1/20/2008 04:31	8.66	44.693	28.65	9.15	7.82	11.1	2.23
833	1/20/2008 04:46	8.69	45.299	29.08	9.16	7.82	10.0	2.29
834	1/20/2008 05:01	8.71	45.594	29.29	9.14	7.82	10.9	2.37
835	1/20/2008 05:16	8.64	45.295	29.08	9.16	7.82	10.0	2.43
836	1/20/2008 05:31	8.66	45.627	29.31	9.17	7.83	10.9	2.51
837	1/20/2008 05:46	8.7	46.081	29.64	9.17	7.83	11.5	2.59
838	1/20/2008 06:01	8.74	46.652	30.05	9.14	7.83	10.9	2.66
839	1/20/2008 06:16	8.75	46.824	30.17	9.11	7.83	10.1	2.75
840	1/20/2008 06:31	8.8	47.269	30.49	9.07	7.83	11.1	2.84
841	1/20/2008 06:46	8.82	47.475	30.64	9.06	7.82	14.5	2.92
842	1/20/2008 07:01	8.8	47.640	30.76	9.06	7.82	14.1	3.01
843	1/20/2008 07:16	8.82	47.866	30.92	9.04	7.82	17.3	3.10
844	1/20/2008 07:31	8.82	48.321	31.25	8.99	7.82	20.2	3.17
845	1/20/2008 07:46	8.82	48.342	31.26	8.97	7.82	15.2	3.25
846	1/20/2008 08:01	8.82	48.490	31.37	8.96	7.82	13.5	3.33
847	1/20/2008 08:16	8.82	48.625	31.47	8.93	7.82	11.1	3.39
848	1/20/2008 08:31	8.84	48.737	31.55	8.88	7.81	7.3	3.45
849	1/20/2008 08:46	8.83	48.742	31.55	8.85	7.81	7.7	3.50
850	1/20/2008 09:01	8.83	48.906	31.67	8.81	7.81	6.8	3.53
851	1/20/2008 09:16	8.83	48.897	31.66	8.78	7.81	6.7	3.57
852	1/20/2008 09:31	8.83	48.891	31.66	8.61	7.8	6.1	3.56
853	1/20/2008 09:46	8.83	48.908	31.67	8.81	7.81	10.1	3.53
854	1/20/2008 10:01	8.79	48.336	31.26	8.94	7.82	8.4	3.54
855	1/20/2008 10:16	8.74	47.710	30.8	9.07	7.82	8.1	3.48

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
856	1/20/2008 10:31	8.73	47.390	30.57	9.08	7.82	8.9	3.40
857	1/20/2008 10:46	8.65	46.589	30	9.07	7.81	9.5	3.34
858	1/20/2008 11:01	8.67	46.206	29.73	9.07	7.82	11.1	3.23
859	1/20/2008 11:16	8.67	45.581	29.28	9.13	7.82	9.3	3.11
860	1/20/2008 11:31	8.73	46.007	29.59	9.11	7.82	10.8	2.98
861	1/20/2008 11:46	8.76	46.388	29.86	9.09	7.82	13.1	2.85
862	1/20/2008 12:01	8.77	46.485	29.93	9.06	7.82	14.9	2.72
863	1/20/2008 12:16	8.77	46.037	29.61	9.1	7.82	12.5	2.59
864	1/20/2008 12:31	8.79	45.913	29.53	9.12	7.83	10.8	2.45
865	1/20/2008 12:46	8.82	45.610	29.31	9.23	7.83	8.4	2.30
866	1/20/2008 13:01	8.84	45.844	29.48	9.31	7.84	7.3	2.16
867	1/20/2008 13:16	8.84	45.717	29.39	9.32	7.84	6.8	2.01
868	1/20/2008 13:31	8.87	45.340	29.12	9.35	7.84	13.5	1.86
869	1/20/2008 13:46	8.89	45.323	29.11	9.34	7.85	11.9	1.69
870	1/20/2008 14:01	8.96	45.228	29.05	9.41	7.85	16.7	1.51
871	1/20/2008 14:16	8.96	44.792	28.74	9.47	7.85	13.7	1.35
872	1/20/2008 14:31	8.98	44.511	28.54	9.44	7.85	11.8	1.20
873	1/20/2008 14:46	9.01	44.164	28.3	9.48	7.86	11.9	1.03
874	1/20/2008 15:01	9.03	43.980	28.17	9.49	7.86	11.1	0.87
875	1/20/2008 15:16	9.05	43.697	27.97	9.53	7.86	12.6	0.74
876	1/20/2008 15:31	9.06	43.335	27.72	9.55	7.87	11.8	0.59
877	1/20/2008 15:46	9.09	43.145	27.58	9.54	7.87	13.4	0.48
878	1/20/2008 16:01	9.1	43.451	27.8	9.57	7.87	15.0	0.45
879	1/20/2008 16:16	9.08	43.529	27.85	9.54	7.87	10.4	0.45
880	1/20/2008 16:31	9.05	43.623	27.92	9.5	7.86	10.5	0.51
881	1/20/2008 16:46	9.04	43.625	27.92	9.47	7.86	10.0	0.58
882	1/20/2008 17:01	9.03	43.640	27.93	9.45	7.86	10.5	0.66
883	1/20/2008 17:16	9.03	43.756	28.01	9.42	7.85	9.1	0.72
884	1/20/2008 17:31	8.97	42.940	27.43	9.39	7.84	9.0	0.79
885	1/20/2008 17:46	8.97	42.994	27.47	9.37	7.83	10.0	0.85
886	1/20/2008 18:01	8.97	43.191	27.61	9.34	7.83	9.5	0.91
887	1/20/2008 18:16	8.96	43.039	27.5	9.33	7.83	6.3	0.98
888	1/20/2008 18:31	8.96	43.341	27.71	9.33	7.83	8.7	1.06
889	1/20/2008 18:46	8.96	43.123	27.56	9.35	7.83	9.1	1.15
890	1/20/2008 19:01	8.95	43.387	27.75	9.33	7.83	9.8	1.24
891	1/20/2008 19:16	8.93	43.169	27.59	9.29	7.82	12.0	1.35
892	1/20/2008 19:31	8.92	43.541	27.85	9.28	7.82	11.0	1.45
893	1/20/2008 19:46	8.9	44.109	28.25	9.22	7.82	11.1	1.56
894	1/20/2008 20:01	8.88	44.098	28.24	9.2	7.82	11.5	1.68
895	1/20/2008 20:16	8.84	44.473	28.51	9.2	7.82	13.3	1.79
896	1/20/2008 20:31	8.82	44.865	28.78	9.18	7.82	15.1	1.91
897	1/20/2008 20:46	8.83	45.187	29.01	9.16	7.82	17.2	2.01
898	1/20/2008 21:01	8.82	45.429	29.18	9.15	7.82	17.7	2.12
899	1/20/2008 21:16	8.84	45.684	29.37	9.12	7.82	20.7	2.21
900	1/20/2008 21:31	8.83	45.813	29.46	9.12	7.82	24.8	2.30

sonde #1		Indian Island Long-Term Deployment			Water Quality Data			TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
901	1/20/2008 21:46	8.83	45.958	29.56	9.13	7.82	22.3	2.39
902	1/20/2008 22:01	8.86	46.606	30.02	9.13	7.82	19.8	2.46
903	1/20/2008 22:16	8.88	46.899	30.23	9.1	7.82	19.5	2.53
904	1/20/2008 22:31	8.89	47.379	30.58	9.06	7.82	17.8	2.60
905	1/20/2008 22:46	8.9	47.563	30.71	9.01	7.82	17.4	2.67
906	1/20/2008 23:01	8.91	47.898	30.95	8.89	7.81	14.3	2.73
907	1/20/2008 23:16	8.91	48.107	31.1	8.79	7.81	13.0	2.78
908	1/20/2008 23:31	8.92	48.211	31.18	8.71	7.81	11.1	2.82
909	1/20/2008 23:46	8.92	48.245	31.2	8.63	7.81	8.2	2.83
910	1/21/2008 00:01	8.92	48.161	31.14	8.71	7.81	13.6	2.81
911	1/21/2008 00:16	8.85	47.726	30.82	8.73	7.81	10.6	2.79
912	1/21/2008 00:31	8.79	46.435	29.9	8.83	7.81	12.5	2.74
913	1/21/2008 00:46	8.61	46.259	29.76	9.04	7.81	13.8	2.68
914	1/21/2008 01:01	8.66	46.336	29.82	9.04	7.81	11.4	2.60
915	1/21/2008 01:16	8.71	46.414	29.88	9.05	7.81	16.7	2.52
916	1/21/2008 01:31	8.72	46.286	29.79	9.02	7.81	13.7	2.46
917	1/21/2008 01:46	8.66	45.945	29.54	8.96	7.81	10.4	2.39
918	1/21/2008 02:01	8.68	46.242	29.75	8.99	7.81	10.4	2.31
919	1/21/2008 02:16	8.66	46.066	29.62	9.02	7.81	10.8	2.25
920	1/21/2008 02:31	8.61	45.809	29.44	9.05	7.81	11.4	2.19
921	1/21/2008 02:46	8.6	45.487	29.21	9.08	7.81	9.8	2.13
922	1/21/2008 03:01	8.59	44.987	28.85	9.07	7.81	8.6	2.08
923	1/21/2008 03:16	8.57	44.904	28.79	9.08	7.81	8.1	2.04
924	1/21/2008 03:31	8.53	44.862	28.76	9.04	7.81	7.6	2.02
925	1/21/2008 03:46	8.52	44.934	28.81	8.98	7.8	6.6	1.99
926	1/21/2008 04:01	8.44	44.991	28.85	8.99	7.8	7.6	1.97
927	1/21/2008 04:16	8.48	44.797	28.71	8.94	7.8	9.8	1.97
928	1/21/2008 04:31	8.46	44.765	28.69	9.02	7.81	7.3	2.00
929	1/21/2008 04:46	8.52	45.287	29.06	9.02	7.81	8.9	2.02
930	1/21/2008 05:01	8.61	45.605	29.29	9.01	7.81	10.2	2.04
931	1/21/2008 05:16	8.48	45.257	29.04	9.06	7.81	9.4	2.12
932	1/21/2008 05:31	8.61	45.796	29.43	9.03	7.81	11.7	2.18
933	1/21/2008 05:46	8.62	45.994	29.57	9.03	7.81	14.0	2.25
934	1/21/2008 06:01	8.63	46.089	29.64	9.01	7.81	10.4	2.33
935	1/21/2008 06:16	8.63	46.309	29.8	8.97	7.81	11.7	2.41
936	1/21/2008 06:31	8.75	47.047	30.33	8.9	7.81	23.8	2.49
937	1/21/2008 06:46	8.76	47.252	30.48	8.86	7.81	18.2	2.58
938	1/21/2008 07:01	8.77	47.286	30.5	8.8	7.81	13.8	2.67
939	1/21/2008 07:16	8.79	47.633	30.75	8.73	7.81	13.8	2.76
940	1/21/2008 07:31	8.77	47.734	30.82	8.73	7.81	20.5	2.85
941	1/21/2008 07:46	8.78	48.079	31.07	8.66	7.81	22.6	2.95
942	1/21/2008 08:01	8.77	48.224	31.17	8.58	7.81	18.2	3.05
943	1/21/2008 08:16	8.77	48.643	31.47	8.49	7.81	16.7	3.14
944	1/21/2008 08:31	8.77	48.805	31.59	8.44	7.81	13.9	3.23
945	1/21/2008 08:46	8.79	49.158	31.85	8.36	7.81	13.3	3.32

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
946	1/21/2008 09:01	8.81	49.314	31.96	8.33	7.81	11.8	3.40
947	1/21/2008 09:16	8.81	49.477	32.08	8.29	7.81	10.0	3.47
948	1/21/2008 09:31	8.81	49.415	32.03	8.27	7.81	9.0	3.53
949	1/21/2008 09:46	8.81	49.292	31.94	8.26	7.81	8.6	3.58
950	1/21/2008 10:01	8.82	49.473	32.07	8.21	7.81	6.7	3.62
951	1/21/2008 10:16	8.83	49.543	32.13	8.17	7.8	5.9	3.65
952	1/21/2008 10:31	8.8	49.352	31.99	8.25	7.81	8.4	3.64
953	1/21/2008 10:46	8.81	49.349	31.99	8.25	7.81	9.0	3.62
954	1/21/2008 11:01	8.93	48.581	31.44	8.56	7.81	8.7	3.59
955	1/21/2008 11:16	8.99	48.578	31.45	8.6	7.81	8.7	3.51
956	1/21/2008 11:31	8.98	48.278	31.23	8.67	7.81	8.2	3.43
957	1/21/2008 11:46	9.01	47.930	30.98	8.73	7.81	7.9	3.32
958	1/21/2008 12:01	8.99	47.883	30.95	8.77	7.82	8.7	3.20
959	1/21/2008 12:16	8.98	47.544	30.7	8.81	7.82	8.7	3.08
960	1/21/2008 12:31	8.95	46.944	30.27	8.89	7.82	10.7	2.95
961	1/21/2008 12:46	8.95	46.566	30	8.89	7.81	11.5	2.81
962	1/21/2008 13:01	8.99	46.522	29.97	8.93	7.82	10.1	2.68
963	1/21/2008 13:16	9.02	46.609	30.04	8.98	7.82	10.4	2.53
964	1/21/2008 13:31	9.11	46.530	29.99	9.06	7.83	7.9	2.38
965	1/21/2008 13:46	9.1	46.322	29.84	9.16	7.83	8.6	2.23
966	1/21/2008 14:01	9.24	46.232	29.78	9.32	7.85	8.9	2.08
967	1/21/2008 14:16	9.14	45.784	29.46	9.28	7.84	15.6	1.92
968	1/21/2008 14:31	9.19	46.107	29.69	9.36	7.85	11.2	1.76
969	1/21/2008 14:46	9.05	45.574	29.3	9.37	7.85	19.5	1.58
970	1/21/2008 15:01	9.05	45.370	29.16	9.49	7.86	14.9	1.39
971	1/21/2008 15:16	9.03	45.180	29.02	9.47	7.86	14.0	1.23
972	1/21/2008 15:31	9	44.911	28.83	9.42	7.85	14.8	1.06
973	1/21/2008 15:46	8.99	44.731	28.7	9.4	7.85	22.8	0.88
974	1/21/2008 16:01	8.98	44.446	28.5	9.43	7.85	17.6	0.72
975	1/21/2008 16:16	8.98	44.272	28.37	9.48	7.85	15.6	0.57
976	1/21/2008 16:31	8.97	44.091	28.25	9.48	7.85	12.8	0.44
977	1/21/2008 16:46	8.95	43.878	28.09	9.5	7.86	11.4	0.36
978	1/21/2008 17:01	8.95	44.003	28.18	9.47	7.85	11.0	0.36
979	1/21/2008 17:16	8.93	44.066	28.23	9.45	7.85	9.3	0.40
980	1/21/2008 17:31	8.93	44.171	28.3	9.42	7.84	13.6	0.48
981	1/21/2008 17:46	8.92	44.140	28.28	9.4	7.85	8.6	0.60
982	1/21/2008 18:01	8.89	44.043	28.21	9.4	7.84	8.6	0.68
983	1/21/2008 18:16	8.84	43.740	27.99	9.41	7.84	8.4	0.75
984	1/21/2008 18:31	8.85	43.224	27.62	9.41	7.83	9.5	0.82
985	1/21/2008 18:46	8.89	43.518	27.84	9.37	7.83	9.0	0.87
986	1/21/2008 19:01	8.92	43.647	27.93	9.36	7.83	8.7	0.95
987	1/21/2008 19:16	8.92	43.808	28.04	9.34	7.83	9.5	1.03
988	1/21/2008 19:31	8.92	43.819	28.05	9.34	7.83	9.5	1.13
989	1/21/2008 19:46	8.87	43.264	27.65	9.39	7.82	10.0	1.22
990	1/21/2008 20:01	8.9	43.494	27.82	9.38	7.82	10.5	1.33

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
991	1/21/2008 20:16	8.91	44.309	28.4	9.27	7.82	11.1	1.46
992	1/21/2008 20:31	8.9	44.578	28.59	9.2	7.81	11.7	1.57
993	1/21/2008 20:46	8.92	45.115	28.97	9.14	7.81	14.0	1.69
994	1/21/2008 21:01	8.9	44.824	28.76	9.15	7.81	14.6	1.81
995	1/21/2008 21:16	8.94	45.607	29.32	9.08	7.82	18.2	1.94
996	1/21/2008 21:31	8.9	45.740	29.41	9.06	7.81	20.5	2.04
997	1/21/2008 21:46	8.91	45.961	29.57	9.03	7.81	18.6	2.15
998	1/21/2008 22:01	8.92	46.162	29.71	8.97	7.81	23.9	2.25
999	1/21/2008 22:16	8.9	46.307	29.81	8.94	7.81	25.8	2.34
1000	1/21/2008 22:31	8.9	46.562	30	8.92	7.81	23.9	2.43
1001	1/21/2008 22:46	8.91	47.224	30.47	8.86	7.81	20.3	2.52
1002	1/21/2008 23:01	8.92	47.717	30.82	8.8	7.81	19.8	2.60
1003	1/21/2008 23:16	8.92	47.942	30.98	8.77	7.81	21.2	2.68
1004	1/21/2008 23:31	8.93	48.011	31.03	8.75	7.82	18.4	2.75
1005	1/21/2008 23:46	8.94	48.238	31.2	8.72	7.82	14.8	2.81
1006	1/22/2008 00:01	8.97	48.369	31.29	8.64	7.82	13.6	2.85
1007	1/22/2008 00:16	8.98	48.551	31.42	8.57	7.82	11.2	2.89
1008	1/22/2008 00:31	8.9	47.712	30.82	8.7	7.81	11.7	2.90
1009	1/22/2008 00:46	8.99	48.589	31.45	8.56	7.82	13.3	2.88
1010	1/22/2008 01:01	8.96	48.287	31.23	8.57	7.81	11.2	2.86
1011	1/22/2008 01:16	8.57	46.780	30.13	8.81	7.81	11.8	2.80
1012	1/22/2008 01:31	8.59	46.728	30.09	8.82	7.8	17.6	2.72
1013	1/22/2008 01:46	8.6	46.714	30.08	8.88	7.81	12.6	2.65
1014	1/22/2008 02:01	8.66	46.733	30.1	8.86	7.81	13.4	2.58
1015	1/22/2008 02:16	8.66	46.403	29.86	8.8	7.8	11.8	2.47
1016	1/22/2008 02:31	8.67	46.858	30.19	8.69	7.8	10.4	2.39
1017	1/22/2008 02:46	8.67	46.767	30.13	8.82	7.8	11.1	2.32
1018	1/22/2008 03:01	8.6	46.695	30.07	8.86	7.8	10.6	2.23
1019	1/22/2008 03:16	8.56	45.876	29.48	9.02	7.81	13.0	2.15
1020	1/22/2008 03:31	8.53	45.759	29.4	9.02	7.81	11.0	2.08
1021	1/22/2008 03:46	8.43	45.305	29.07	9.02	7.8	9.2	2.03
1022	1/22/2008 04:01	8.44	44.987	28.84	9.03	7.8	8.4	1.97
1023	1/22/2008 04:16	8.36	45.093	28.91	8.99	7.8	8.9	1.92
1024	1/22/2008 04:31	8.34	44.858	28.74	8.97	7.8	6.7	1.89
1025	1/22/2008 04:46	8.35	44.918	28.79	8.98	7.79	6.4	1.86
1026	1/22/2008 05:01	8.34	44.791	28.7	8.94	7.79	6.4	1.84
1027	1/22/2008 05:16	8.36	45.123	28.93	8.95	7.8	7.6	1.86
1028	1/22/2008 05:31	8.42	45.446	29.17	8.93	7.8	8.8	1.89
1029	1/22/2008 05:46	8.34	45.325	29.08	8.99	7.8	8.8	1.92
1030	1/22/2008 06:01	8.43	45.705	29.35	8.97	7.8	11.0	1.98
1031	1/22/2008 06:16	8.25	45.306	29.05	9.03	7.8	9.3	2.05
1032	1/22/2008 06:31	8.37	45.816	29.43	8.97	7.8	9.8	2.13
1033	1/22/2008 06:46	8.48	46.035	29.59	8.93	7.8	11.1	2.21
1034	1/22/2008 07:01	8.41	46.230	29.72	8.91	7.8	10.2	2.29
1035	1/22/2008 07:16	8.6	46.733	30.1	8.83	7.81	11.8	2.38

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1036	1/22/2008 07:31	8.65	47.176	30.42	8.83	7.81	12.4	2.46
1037	1/22/2008 07:46	8.66	47.200	30.43	8.81	7.81	11.4	2.55
1038	1/22/2008 08:01	8.69	47.350	30.54	8.78	7.81	11.7	2.64
1039	1/22/2008 08:16	8.71	47.480	30.64	8.73	7.81	13.4	2.73
1040	1/22/2008 08:31	8.73	47.948	30.97	8.68	7.81	16.9	2.83
1041	1/22/2008 08:46	8.71	48.149	31.12	8.61	7.82	14.4	2.93
1042	1/22/2008 09:01	8.73	48.478	31.35	8.55	7.82	14.6	3.03
1043	1/22/2008 09:16	8.77	48.923	31.68	8.45	7.82	12.5	3.13
1044	1/22/2008 09:31	8.81	49.111	31.81	8.36	7.82	13.0	3.21
1045	1/22/2008 09:46	8.85	49.461	32.07	8.31	7.82	12.2	3.31
1046	1/22/2008 10:01	8.88	49.633	32.19	8.27	7.82	8.9	3.39
1047	1/22/2008 10:16	8.89	49.712	32.25	8.28	7.82	7.7	3.47
1048	1/22/2008 10:31	8.85	49.591	32.16	8.31	7.82	6.8	3.53
1049	1/22/2008 10:46	8.91	49.659	32.22	8.25	7.82	6.1	3.58
1050	1/22/2008 11:01	8.93	49.582	32.16	8.21	7.82	4.2	3.62
1051	1/22/2008 11:16	8.85	49.408	32.03	8.3	7.82	8.4	3.63
1052	1/22/2008 11:31	8.9	49.745	32.28	8.24	7.82	7.5	3.62
1053	1/22/2008 11:46	8.91	49.651	32.21	8.22	7.82	8.1	3.58
1054	1/22/2008 12:01	8.92	49.789	32.31	8.21	7.82	7.1	3.52
1055	1/22/2008 12:16	9.04	48.396	31.32	8.71	7.83	7.7	3.44
1056	1/22/2008 12:31	8.99	48.045	31.06	8.76	7.82	8.1	3.34
1057	1/22/2008 12:46	9.04	48.322	31.26	8.76	7.83	8.8	3.23
1058	1/22/2008 13:01	8.97	47.753	30.85	8.81	7.82	9.9	3.11
1059	1/22/2008 13:16	8.98	47.450	30.64	8.86	7.82	9.2	2.98
1060	1/22/2008 13:31	9.04	47.279	30.52	8.93	7.82	9.9	2.83
1061	1/22/2008 13:46	9.09	47.076	30.38	8.98	7.83	8.5	2.68
1062	1/22/2008 14:01	9.04	47.095	30.39	9.03	7.83	8.9	2.54
1063	1/22/2008 14:16	9.12	47.301	30.54	9.09	7.84	8.5	2.39
1064	1/22/2008 14:31	9.09	46.850	30.21	9.23	7.84	9.3	2.26
1065	1/22/2008 14:46	9.02	46.506	29.96	9.26	7.84	12.8	2.09
1066	1/22/2008 15:01	9	46.670	30.08	9.26	7.84	13.2	1.93
1067	1/22/2008 15:16	9.11	46.813	30.19	9.42	7.87	12.0	1.77
1068	1/22/2008 15:31	8.93	46.289	29.8	9.39	7.85	19.0	1.58
1069	1/22/2008 15:46	8.92	45.786	29.44	9.49	7.86	21.6	1.42
1070	1/22/2008 16:01	8.95	45.678	29.37	9.52	7.86	19.8	1.24
1071	1/22/2008 16:16	8.92	45.522	29.26	9.45	7.85	21.2	1.06
1072	1/22/2008 16:31	8.89	45.538	29.27	9.37	7.84	18.7	0.89
1073	1/22/2008 16:46	8.87	45.260	29.07	9.41	7.84	21.4	0.73
1074	1/22/2008 17:01	8.81	45.011	28.89	9.43	7.84	21.4	0.57
1075	1/22/2008 17:16	8.7	44.643	28.62	9.46	7.84	17.8	0.44
1076	1/22/2008 17:31	8.65	44.743	28.69	9.46	7.84	15.0	0.39
1077	1/22/2008 17:46	8.67	44.835	28.75	9.34	7.83	13.6	0.36
1078	1/22/2008 18:01	8.67	44.708	28.66	9.43	7.84	10.1	0.42
1079	1/22/2008 18:16	8.72	44.633	28.61	9.42	7.84	12.0	0.51
1080	1/22/2008 18:31	8.72	44.892	28.8	9.4	7.84	11.5	0.60

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1081	1/22/2008 18:46	8.72	44.872	28.78	9.39	7.84	11.1	0.70
1082	1/22/2008 19:01	8.57	44.458	28.48	9.45	7.83	10.9	0.77
1083	1/22/2008 19:16	8.4	43.813	28.01	9.51	7.82	11.1	0.83
1084	1/22/2008 19:31	8.57	44.377	28.42	9.44	7.83	10.7	0.89
1085	1/22/2008 19:46	8.61	44.300	28.37	9.42	7.83	10.4	0.99
1086	1/22/2008 20:01	8.63	44.434	28.47	9.4	7.83	11.1	1.05
1087	1/22/2008 20:16	8.62	44.291	28.36	9.43	7.82	11.2	1.16
1088	1/22/2008 20:31	8.58	44.270	28.35	9.44	7.82	11.2	1.26
1089	1/22/2008 20:46	8.46	43.543	27.82	9.48	7.82	11.9	1.37
1090	1/22/2008 21:01	8.66	44.901	28.8	9.3	7.82	12.5	1.51
1091	1/22/2008 21:16	8.59	44.984	28.85	9.3	7.82	13.4	1.62
1092	1/22/2008 21:31	8.69	45.501	29.23	9.22	7.82	15.1	1.75
1093	1/22/2008 21:46	8.75	46.148	29.69	9.14	7.82	19.3	1.88
1094	1/22/2008 22:01	8.76	46.333	29.82	9.1	7.82	21.1	2.00
1095	1/22/2008 22:16	8.77	46.541	29.97	9.05	7.82	20.4	2.12
1096	1/22/2008 22:31	8.81	46.702	30.09	9.01	7.82	22.5	2.22
1097	1/22/2008 22:46	8.79	46.986	30.29	8.96	7.82	27.4	2.32
1098	1/22/2008 23:01	8.83	47.172	30.43	8.93	7.82	26.7	2.42
1099	1/22/2008 23:16	8.87	47.882	30.94	8.79	7.82	23.4	2.52
1100	1/22/2008 23:31	8.91	48.208	31.17	8.72	7.82	20.4	2.60
1101	1/22/2008 23:46	8.92	48.154	31.14	8.71	7.82	20.8	2.68
1102	1/23/2008 00:01	8.89	48.351	31.27	8.67	7.82	21.3	2.76
1103	1/23/2008 00:16	8.9	48.464	31.36	8.62	7.83	16.3	2.83
1104	1/23/2008 00:31	8.93	48.769	31.58	8.54	7.83	12.8	2.90
1105	1/23/2008 00:46	8.96	48.999	31.74	8.47	7.83	9.8	2.94
1106	1/23/2008 01:01	8.96	48.997	31.74	8.43	7.83	6.7	2.96
1107	1/23/2008 01:16	8.92	48.764	31.57	8.49	7.82	9.0	2.97
1108	1/23/2008 01:31	8.97	49.095	31.81	8.44	7.83	9.9	2.95
1109	1/23/2008 01:46	8.64	48.081	31.06	8.64	7.82	11.5	2.90
1110	1/23/2008 02:01	8.61	48.000	31	8.73	7.82	14.4	2.84
1111	1/23/2008 02:16	8.5	47.471	30.61	8.8	7.81	13.7	2.76
1112	1/23/2008 02:31	8.54	47.511	30.65	8.82	7.81	13.1	2.66
1113	1/23/2008 02:46	8.54	47.325	30.51	8.83	7.82	16.1	2.58
1114	1/23/2008 03:01	8.57	47.400	30.57	8.81	7.81	13.1	2.48
1115	1/23/2008 03:16	8.55	47.359	30.54	8.78	7.81	11.0	2.39
1116	1/23/2008 03:31	8.53	47.487	30.63	8.79	7.81	9.2	2.31
1117	1/23/2008 03:46	8.49	47.170	30.4	8.87	7.81	10.1	2.22
1118	1/23/2008 04:01	8.43	46.944	30.23	8.9	7.81	10.9	2.15
1119	1/23/2008 04:16	8.34	46.355	29.81	9.03	7.82	12.5	2.06
1120	1/23/2008 04:31	8.3	46.271	29.74	9.05	7.81	10.1	1.99
1121	1/23/2008 04:46	8.25	46.085	29.61	9.06	7.81	8.4	1.94
1122	1/23/2008 05:01	8.14	46.155	29.65	9.05	7.81	7.8	1.89
1123	1/23/2008 05:16	8.06	45.889	29.45	9.07	7.81	7.8	1.82
1124	1/23/2008 05:31	8.06	45.764	29.37	9.06	7.81	7.3	1.80
1125	1/23/2008 05:46	8.02	45.639	29.27	9.1	7.81	7.1	1.78

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1126	1/23/2008 06:01	7.97	45.500	29.17	8.99	7.8	5.9	1.77
1127	1/23/2008 06:16	8.13	45.948	29.5	8.93	7.81	9.1	1.78
1128	1/23/2008 06:31	8.18	46.102	29.61	9.01	7.81	7.9	1.82
1129	1/23/2008 06:46	8.14	46.155	29.65	9	7.8	7.9	1.87
1130	1/23/2008 07:01	8.05	46.106	29.61	9.06	7.81	8.8	1.93
1131	1/23/2008 07:16	7.94	45.752	29.35	9.1	7.81	9.7	1.99
1132	1/23/2008 07:31	8.14	46.310	29.76	9.02	7.81	9.7	2.09
1133	1/23/2008 07:46	8.27	46.453	29.87	8.98	7.81	10.3	2.17
1134	1/23/2008 08:01	8.37	47.003	30.27	8.88	7.81	10.9	2.25
1135	1/23/2008 08:16	8.45	47.292	30.48	8.84	7.81	11.0	2.35
1136	1/23/2008 08:31	8.57	47.595	30.71	8.8	7.82	10.9	2.43
1137	1/23/2008 08:46	8.6	47.742	30.82	8.78	7.82	12.6	2.53
1138	1/23/2008 09:01	8.62	47.969	30.98	8.75	7.82	12.5	2.62
1139	1/23/2008 09:16	8.68	48.241	31.18	8.65	7.82	15.6	2.72
1140	1/23/2008 09:31	8.7	48.525	31.39	8.58	7.82	15.8	2.82
1141	1/23/2008 09:46	8.72	48.799	31.58	8.53	7.83	14.1	2.92
1142	1/23/2008 10:01	8.76	49.033	31.75	8.48	7.83	12.6	3.02
1143	1/23/2008 10:16	8.81	49.376	32	8.38	7.83	11.8	3.12
1144	1/23/2008 10:31	8.87	49.592	32.16	8.29	7.83	10.9	3.21
1145	1/23/2008 10:46	8.88	49.683	32.23	8.23	7.83	9.3	3.29
1146	1/23/2008 11:01	8.91	49.534	32.13	8.22	7.83	8.0	3.38
1147	1/23/2008 11:16	8.93	49.656	32.21	8.19	7.83	6.6	3.44
1148	1/23/2008 11:31	8.93	49.792	32.31	8.17	7.83	5.3	3.50
1149	1/23/2008 11:46	8.96	49.823	32.34	8.1	7.83	4.7	3.54
1150	1/23/2008 12:01	8.98	49.814	32.33	7.98	7.83	3.2	3.56
1151	1/23/2008 12:16	8.91	49.577	32.16	8.16	7.83	4.6	3.56
1152	1/23/2008 12:31	8.94	49.877	32.38	8.15	7.83	7.6	3.54
1153	1/23/2008 12:46	8.97	49.761	32.29	8.13	7.83	5.9	3.49
1154	1/23/2008 13:01	9.17	49.542	32.15	8.48	7.85	6.8	3.41
1155	1/23/2008 13:16	9.01	49.386	32.03	8.4	7.84	9.1	3.33
1156	1/23/2008 13:31	9.07	48.646	31.5	8.67	7.84	7.9	3.21
1157	1/23/2008 13:46	9.08	48.842	31.64	8.69	7.84	7.9	3.08
1158	1/23/2008 14:01	9.13	48.652	31.51	8.77	7.84	7.7	2.97
1159	1/23/2008 14:16	9.14	48.028	31.06	8.92	7.84	8.6	2.82
1160	1/23/2008 14:31	9.11	48.004	31.04	8.9	7.84	9.0	2.69
1161	1/23/2008 14:46	9.11	47.917	30.98	8.93	7.84	8.4	2.55
1162	1/23/2008 15:01	9	47.683	30.8	9	7.84	7.8	2.39
1163	1/23/2008 15:16	9	48.456	31.36	8.98	7.85	9.8	2.25
1164	1/23/2008 15:31	9.04	47.835	30.92	9.07	7.85	7.4	2.10
1165	1/23/2008 15:46	8.9	46.798	30.16	9.23	7.84	8.7	1.95
1166	1/23/2008 16:01	8.81	46.982	30.29	9.24	7.84	9.0	1.78
1167	1/23/2008 16:16	8.73	46.721	30.1	9.27	7.85	11.1	1.61
1168	1/23/2008 16:31	8.66	46.445	29.9	9.34	7.84	12.3	1.46
1169	1/23/2008 16:46	8.66	46.430	29.88	9.36	7.85	11.4	1.28
1170	1/23/2008 17:01	8.63	46.077	29.63	9.34	7.84	13.9	1.13

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1171	1/23/2008 17:16	8.6	45.848	29.47	9.32	7.83	12.1	0.96
1172	1/23/2008 17:31	8.56	45.764	29.4	9.34	7.83	12.5	0.81
1173	1/23/2008 17:46	8.5	45.503	29.21	9.36	7.83	11.8	0.69
1174	1/23/2008 18:01	8.42	45.148	28.96	9.39	7.83	11.3	0.54
1175	1/23/2008 18:16	8.38	44.997	28.85	9.4	7.83	11.6	0.48
1176	1/23/2008 18:31	8.41	45.345	29.09	9.29	7.83	8.4	0.44
1177	1/23/2008 18:46	8.41	45.237	29.02	9.36	7.83	9.5	0.48
1178	1/23/2008 19:01	8.44	45.452	29.17	9.35	7.83	8.3	0.57
1179	1/23/2008 19:16	8.46	45.482	29.2	9.32	7.83	8.8	0.66
1180	1/23/2008 19:31	8.47	45.506	29.21	9.33	7.83	7.9	0.77
1181	1/23/2008 19:46	8.25	44.797	28.69	9.42	7.82	8.4	0.85
1182	1/23/2008 20:01	8.14	44.305	28.34	9.47	7.81	9.0	0.91
1183	1/23/2008 20:16	8.13	44.057	28.16	9.52	7.81	8.4	1.01
1184	1/23/2008 20:31	8.1	44.122	28.21	9.52	7.81	8.8	1.10
1185	1/23/2008 20:46	8.41	45.232	29.01	9.34	7.82	8.5	1.17
1186	1/23/2008 21:01	8.44	45.413	29.15	9.32	7.82	9.5	1.29
1187	1/23/2008 21:16	8.45	45.482	29.19	9.31	7.82	9.2	1.39
1188	1/23/2008 21:31	8.44	45.504	29.21	9.28	7.82	9.3	1.49
1189	1/23/2008 21:46	8.52	46.164	29.68	9.2	7.82	10.0	1.61
1190	1/23/2008 22:01	8.56	46.280	29.77	9.15	7.82	12.4	1.75
1191	1/23/2008 22:16	8.63	46.509	29.94	9.11	7.82	15.0	1.87
1192	1/23/2008 22:31	8.67	46.748	30.11	9.07	7.82	15.3	1.97
1193	1/23/2008 22:46	8.7	46.958	30.26	9.03	7.82	13.9	2.11
1194	1/23/2008 23:01	8.75	47.096	30.37	8.98	7.82	19.2	2.20
1195	1/23/2008 23:16	8.78	47.337	30.54	8.95	7.83	20.4	2.30
1196	1/23/2008 23:31	8.86	47.721	30.82	8.89	7.83	20.0	2.41
1197	1/23/2008 23:46	8.93	48.305	31.24	8.79	7.83	21.3	2.50
1198	1/24/2008 00:01	8.95	48.489	31.38	8.75	7.83	20.2	2.60
1199	1/24/2008 00:16	8.96	48.610	31.47	8.72	7.83	21.6	2.70
1200	1/24/2008 00:31	8.96	48.809	31.61	8.66	7.83	19.7	2.78
1201	1/24/2008 00:46	8.97	48.916	31.69	8.6	7.84	17.6	2.88
1202	1/24/2008 01:01	8.97	49.113	31.83	8.55	7.84	12.0	2.95
1203	1/24/2008 01:16	8.97	49.047	31.78	8.53	7.84	9.4	2.99
1204	1/24/2008 01:31	8.97	49.188	31.88	8.49	7.84	5.6	3.03
1205	1/24/2008 01:46	8.94	49.047	31.78	8.43	7.83	6.2	3.07
1206	1/24/2008 02:01	8.94	48.951	31.71	8.52	7.83	10.8	3.05
1207	1/24/2008 02:16	8.96	49.145	31.85	8.54	7.84	10.8	3.02
1208	1/24/2008 02:31	8.66	47.941	30.96	8.76	7.83	10.1	2.97
1209	1/24/2008 02:46	8.7	48.209	31.16	8.73	7.82	10.0	2.89
1210	1/24/2008 03:01	8.61	47.956	30.97	8.81	7.82	10.1	2.80
1211	1/24/2008 03:16	8.72	48.100	31.08	8.74	7.82	10.5	2.69
1212	1/24/2008 03:31	8.73	48.081	31.07	8.73	7.82	10.6	2.61
1213	1/24/2008 03:46	8.71	47.936	30.96	8.73	7.82	10.0	2.51
1214	1/24/2008 04:01	8.7	48.079	31.06	8.73	7.82	8.6	2.43
1215	1/24/2008 04:16	8.67	48.064	31.05	8.74	7.82	8.6	2.33

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1216	1/24/2008 04:31	8.52	47.409	30.57	8.85	7.82	9.2	2.24
1217	1/24/2008 04:46	8.56	47.644	30.74	8.83	7.82	7.6	2.16
1218	1/24/2008 05:01	8.49	47.413	30.57	8.88	7.82	7.6	2.07
1219	1/24/2008 05:16	8.39	46.846	30.16	8.98	7.82	8.1	2.00
1220	1/24/2008 05:31	8.35	46.706	30.06	8.95	7.81	8.3	1.91
1221	1/24/2008 05:46	8.28	46.546	29.94	9	7.81	7.1	1.86
1222	1/24/2008 06:01	8.21	46.377	29.81	9	7.81	6.5	1.79
1223	1/24/2008 06:16	8.17	46.110	29.62	9.01	7.8	6.4	1.74
1224	1/24/2008 06:31	8.13	45.995	29.53	9	7.8	5.9	1.71
1225	1/24/2008 06:46	8.09	46.014	29.54	9.01	7.8	5.1	1.70
1226	1/24/2008 07:01	8.14	46.190	29.67	8.93	7.8	5.0	1.70
1227	1/24/2008 07:16	8.21	46.349	29.79	8.96	7.8	5.9	1.72
1228	1/24/2008 07:31	8.24	46.441	29.86	8.96	7.81	9.5	1.77
1229	1/24/2008 07:46	8.22	46.329	29.78	8.98	7.81	7.2	1.81
1230	1/24/2008 08:01	8.02	45.906	29.46	9.06	7.8	9.0	1.90
1231	1/24/2008 08:16	8.15	46.141	29.64	9.02	7.81	8.9	1.97
1232	1/24/2008 08:31	8.27	46.587	29.97	8.96	7.81	8.7	2.06
1233	1/24/2008 08:46	8.38	46.966	30.25	8.89	7.81	9.1	2.15
1234	1/24/2008 09:01	8.53	47.527	30.66	8.82	7.82	9.5	2.24
1235	1/24/2008 09:16	8.6	47.689	30.78	8.81	7.82	9.2	2.31
1236	1/24/2008 09:31	8.65	47.801	30.86	8.8	7.83	9.1	2.41
1237	1/24/2008 09:46	8.64	47.912	30.94	8.79	7.83	9.7	2.50
1238	1/24/2008 10:01	8.68	48.229	31.17	8.75	7.83	11.7	2.59
1239	1/24/2008 10:16	8.72	48.301	31.23	8.69	7.83	11.5	2.68
1240	1/24/2008 10:31	8.74	48.509	31.38	8.65	7.83	12.5	2.79
1241	1/24/2008 10:46	8.79	48.626	31.46	8.6	7.83	14.0	2.89
1242	1/24/2008 11:01	8.83	48.875	31.65	8.56	7.84	12.9	2.98
1243	1/24/2008 11:16	8.88	49.266	31.93	8.5	7.84	9.8	3.07
1244	1/24/2008 11:31	8.91	49.112	31.82	8.46	7.84	8.8	3.15
1245	1/24/2008 11:46	8.93	49.397	32.03	8.42	7.84	8.4	3.24
1246	1/24/2008 12:01	8.94	49.419	32.05	8.39	7.84	5.9	3.31
1247	1/24/2008 12:16	8.93	49.366	32.01	8.41	7.84	6.7	3.36
1248	1/24/2008 12:31	8.95	49.440	32.06	8.33	7.84	4.6	3.39
1249	1/24/2008 12:46	8.92	49.164	31.86	8.28	7.84	3.7	3.43
1250	1/24/2008 13:01	8.9	49.318	31.97	8.37	7.84	4.5	3.43
1251	1/24/2008 13:16	8.93	49.346	31.99	8.37	7.84	5.7	3.40
1252	1/24/2008 13:31	8.93	49.296	31.96	8.49	7.84	7.3	3.36
1253	1/24/2008 13:46	8.93	49.400	32.03	8.43	7.84	6.7	3.30
1254	1/24/2008 14:01	8.89	48.815	31.61	8.73	7.85	7.3	3.20
1255	1/24/2008 14:16	8.86	48.585	31.44	8.92	7.85	6.9	3.09
1256	1/24/2008 14:31	8.81	48.389	31.3	8.94	7.85	7.3	2.97
1257	1/24/2008 14:46	8.75	48.255	31.2	8.92	7.84	8.4	2.86
1258	1/24/2008 15:01	8.74	48.053	31.05	8.96	7.84	7.6	2.73
1259	1/24/2008 15:16	8.75	48.088	31.08	8.99	7.84	7.8	2.60
1260	1/24/2008 15:31	8.75	47.928	30.96	9.04	7.84	7.6	2.47

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1261	1/24/2008 15:46	8.74	47.800	30.87	9.12	7.85	7.0	2.34
1262	1/24/2008 16:01	8.72	47.655	30.76	9.15	7.85	7.1	2.20
1263	1/24/2008 16:16	8.69	47.704	30.8	9.19	7.85	7.9	2.07
1264	1/24/2008 16:31	8.67	47.789	30.85	9.22	7.86	7.6	1.94
1265	1/24/2008 16:46	8.56	47.257	30.47	9.24	7.85	9.0	1.79
1266	1/24/2008 17:01	8.53	47.210	30.43	9.34	7.86	9.6	1.66
1267	1/24/2008 17:16	8.44	47.101	30.35	9.34	7.85	10.5	1.51
1268	1/24/2008 17:31	8.41	47.278	30.47	9.38	7.86	9.6	1.37
1269	1/24/2008 17:46	8.32	46.736	30.08	9.4	7.85	9.0	1.22
1270	1/24/2008 18:01	8.29	46.692	30.04	9.33	7.84	8.7	1.09
1271	1/24/2008 18:16	8.26	46.353	29.8	9.31	7.83	10.1	0.96
1272	1/24/2008 18:31	8.21	46.211	29.69	9.33	7.83	9.8	0.84
1273	1/24/2008 18:46	8.17	46.143	29.64	9.33	7.83	9.1	0.77
1274	1/24/2008 19:01	8.11	45.997	29.53	9.34	7.83	10.3	0.68
1275	1/24/2008 19:16	8.06	45.840	29.42	9.32	7.82	7.3	0.68
1276	1/24/2008 19:31	8.09	46.048	29.57	9.32	7.83	9.3	0.69
1277	1/24/2008 19:46	8.15	46.208	29.69	9.28	7.83	6.9	0.72
1278	1/24/2008 20:01	8.17	46.146	29.64	9.3	7.83	6.9	0.81
1279	1/24/2008 20:16	8.18	46.203	29.69	9.3	7.83	6.9	0.90
1280	1/24/2008 20:31	8.04	45.484	29.17	9.38	7.82	8.4	1.00
1281	1/24/2008 20:46	8.07	45.555	29.22	9.36	7.82	8.4	1.10
1282	1/24/2008 21:01	8.03	45.316	29.05	9.41	7.82	8.5	1.19
1283	1/24/2008 21:16	8.09	45.616	29.26	9.39	7.82	8.2	1.31
1284	1/24/2008 21:31	8.1	45.701	29.32	9.38	7.82	8.1	1.40
1285	1/24/2008 21:46	8.14	45.905	29.47	9.35	7.83	7.9	1.51
1286	1/24/2008 22:01	8.26	46.491	29.9	9.26	7.83	8.6	1.63
1287	1/24/2008 22:16	8.32	46.838	30.15	9.2	7.83	9.5	1.73
1288	1/24/2008 22:31	8.4	46.913	30.21	9.16	7.83	10.2	1.85
1289	1/24/2008 22:46	8.43	47.118	30.36	9.14	7.83	12.8	1.96
1290	1/24/2008 23:01	8.47	47.250	30.45	9.11	7.83	12.5	2.06
1291	1/24/2008 23:16	8.51	47.390	30.56	9.06	7.83	13.7	2.17
1292	1/24/2008 23:31	8.54	47.454	30.61	9.03	7.83	16.5	2.27
1293	1/24/2008 23:46	8.56	47.659	30.75	9	7.83	17.0	2.37
1294	1/25/2008 00:01	8.6	48.064	31.05	8.97	7.84	14.8	2.48
1295	1/25/2008 00:16	8.68	48.343	31.25	8.94	7.84	16.2	2.58
1296	1/25/2008 00:31	8.71	48.617	31.45	8.88	7.84	16.6	2.68
1297	1/25/2008 00:46	8.71	48.687	31.5	8.85	7.85	14.0	2.77
1298	1/25/2008 01:01	8.72	48.778	31.57	8.84	7.85	13.3	2.87
1299	1/25/2008 01:16	8.75	48.979	31.71	8.86	7.85	12.1	2.96
1300	1/25/2008 01:31	8.77	48.895	31.66	8.85	7.85	9.1	3.03
1301	1/25/2008 01:46	8.82	48.856	31.63	8.84	7.86	7.6	3.09
1302	1/25/2008 02:01	8.84	49.071	31.79	8.82	7.86	5.9	3.14
1303	1/25/2008 02:16	8.64	48.596	31.43	8.81	7.85	6.0	3.16
1304	1/25/2008 02:31	8.72	48.619	31.45	8.81	7.85	8.4	3.15
1305	1/25/2008 02:46	8.74	48.846	31.62	8.84	7.85	8.2	3.12

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1306	1/25/2008 03:01	8.69	48.672	31.49	8.87	7.85	8.1	3.08
1307	1/25/2008 03:16	8.36	48.257	31.17	8.93	7.84	7.9	3.01
1308	1/25/2008 03:31	8.29	48.007	30.98	8.98	7.84	8.3	2.91
1309	1/25/2008 03:46	8.39	47.962	30.96	8.94	7.83	7.5	2.82
1310	1/25/2008 04:01	8.45	48.123	31.08	8.92	7.84	7.1	2.72
1311	1/25/2008 04:16	8.45	48.166	31.11	8.9	7.83	9.1	2.62
1312	1/25/2008 04:31	8.44	48.015	31	8.9	7.83	7.7	2.53
1313	1/25/2008 04:46	8.46	48.301	31.21	8.85	7.83	6.5	2.44
1314	1/25/2008 05:01	8.35	47.824	30.85	8.89	7.83	6.8	2.34
1315	1/25/2008 05:16	8.34	47.906	30.91	8.9	7.83	6.8	2.25
1316	1/25/2008 05:31	8.31	47.866	30.88	8.92	7.83	6.4	2.16
1317	1/25/2008 05:46	8.26	47.659	30.73	8.96	7.83	7.1	2.08
1318	1/25/2008 06:01	8.18	47.263	30.44	9	7.82	7.2	2.01
1319	1/25/2008 06:16	8.16	47.412	30.55	8.99	7.82	6.7	1.94
1320	1/25/2008 06:31	8.09	47.271	30.44	8.99	7.82	7.1	1.85
1321	1/25/2008 06:46	7.97	47.180	30.36	8.99	7.81	7.1	1.81
1322	1/25/2008 07:01	7.87	46.804	30.09	9.03	7.81	7.0	1.76
1323	1/25/2008 07:16	7.83	46.568	29.92	9.03	7.81	7.6	1.69
1324	1/25/2008 07:31	7.82	46.529	29.89	8.98	7.8	11.8	1.69
1325	1/25/2008 07:46	7.76	46.367	29.77	8.97	7.8	7.6	1.69
1326	1/25/2008 08:01	7.96	46.718	30.03	8.98	7.81	6.7	1.71
1327	1/25/2008 08:16	7.91	46.839	30.12	9	7.81	6.8	1.73
1328	1/25/2008 08:31	7.92	46.856	30.13	9	7.81	7.3	1.79
1329	1/25/2008 08:46	7.78	46.525	29.88	9.06	7.81	7.8	1.88
1330	1/25/2008 09:01	7.69	46.420	29.8	9.08	7.8	7.4	1.94
1331	1/25/2008 09:16	7.99	46.900	30.17	9	7.81	7.7	2.02
1332	1/25/2008 09:31	8.04	47.054	30.28	8.99	7.81	7.5	2.11
1333	1/25/2008 09:46	8.15	47.437	30.56	8.94	7.82	7.6	2.19
1334	1/25/2008 10:01	8.3	47.815	30.84	8.94	7.83	7.5	2.27
1335	1/25/2008 10:16	8.39	48.083	31.04	8.93	7.83	7.7	2.36
1336	1/25/2008 10:31	8.42	48.100	31.06	8.94	7.84	7.9	2.44
1337	1/25/2008 10:46	8.45	48.121	31.08	8.96	7.84	8.4	2.53
1338	1/25/2008 11:01	8.48	48.247	31.17	8.95	7.84	8.3	2.62
1339	1/25/2008 11:16	8.53	48.202	31.14	8.93	7.84	9.7	2.69
1340	1/25/2008 11:31	8.56	48.281	31.2	8.93	7.85	9.8	2.78
1341	1/25/2008 11:46	8.62	48.539	31.39	8.92	7.85	9.8	2.87
1342	1/25/2008 12:01	8.68	48.560	31.41	8.9	7.86	9.8	2.96
1343	1/25/2008 12:16	8.74	48.666	31.49	8.87	7.86	8.4	3.04
1344	1/25/2008 12:31	8.83	49.057	31.78	8.85	7.87	7.3	3.11
1345	1/25/2008 12:46	8.86	49.040	31.77	8.81	7.87	5.9	3.18
1346	1/25/2008 13:01	8.88	48.975	31.72	8.8	7.87	5.9	3.23
1347	1/25/2008 13:16	8.88	49.187	31.87	8.7	7.87	2.9	3.26
Mean		9.02	43.609	27.92	9.20	7.85	12.3	2.20
Minimum		7.69	36.637	23.05	7.98	7.78	2.9	0.36
Maximum		10.19	49.877	32.38	9.91	8.00	45.2	3.65

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
	Standard Dev.	0.55	3.425	2.40	0.32	0.04	5.2	0.73

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					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	1/25/2008 13:31	8.64	49.171	31.84	8.8	7.67	6.4	3.25
1	1/25/2008 13:46	8.8	49.773	32.29	8.36	7.7	6.8	3.26
2	1/25/2008 14:01	8.85	49.901	32.39	8.24	7.72	6.5	3.24
3	1/25/2008 14:16	8.8	49.784	32.3	8.3	7.73	7.2	3.18
4	1/25/2008 14:31	8.82	49.843	32.34	8.21	7.73	8.3	3.31
5	1/25/2008 14:46	8.59	49.057	31.76	8.58	7.73	7.3	3.24
6	1/25/2008 15:01	8.56	48.977	31.7	8.58	7.73	6.9	3.13
7	1/25/2008 15:16	8.55	48.952	31.68	8.56	7.73	6.6	3.04
8	1/25/2008 15:31	8.51	48.867	31.61	8.56	7.72	6.9	2.92
9	1/25/2008 15:46	8.53	48.953	31.68	8.52	7.72	6.8	2.82
10	1/25/2008 16:01	8.46	48.755	31.53	8.55	7.72	6.5	2.72
11	1/25/2008 16:16	8.49	48.864	31.61	8.56	7.72	6.3	2.60
12	1/25/2008 16:31	8.46	48.784	31.55	8.57	7.72	7.6	2.48
13	1/25/2008 16:46	8.45	48.799	31.56	8.58	7.72	7.7	2.34
14	1/25/2008 17:01	8.38	48.561	31.38	8.6	7.71	7.4	2.24
15	1/25/2008 17:16	8.27	48.213	31.13	8.64	7.71	8.4	2.12
16	1/25/2008 17:31	8.29	48.221	31.13	8.71	7.72	7.7	2.00
17	1/25/2008 17:46	8.26	48.207	31.12	8.7	7.71	7.7	1.86
18	1/25/2008 18:01	8.14	47.820	30.83	8.73	7.7	9.1	1.74
19	1/25/2008 18:16	8.19	48.066	31.01	8.73	7.7	9.2	1.62
20	1/25/2008 18:31	8.13	47.935	30.92	8.74	7.7	8.6	1.47
21	1/25/2008 18:46	8.07	47.702	30.74	8.74	7.69	9.6	1.38
22	1/25/2008 19:01	8.02	47.549	30.63	8.75	7.69	8.1	1.29
23	1/25/2008 19:16	7.97	47.438	30.55	8.76	7.68	8.5	1.20
24	1/25/2008 19:31	7.92	47.294	30.44	8.77	7.68	7.9	1.14
25	1/25/2008 19:46	7.9	47.259	30.41	8.73	7.68	5.5	1.09
26	1/25/2008 20:01	7.9	47.248	30.41	8.67	7.67	4.9	1.10
27	1/25/2008 20:16	7.92	47.294	30.44	8.75	7.68	6.8	1.15
28	1/25/2008 20:31	7.96	47.367	30.5	8.76	7.68	6.6	1.19
29	1/25/2008 20:46	7.97	47.401	30.52	8.77	7.68	6.9	1.26
30	1/25/2008 21:01	7.88	47.126	30.32	8.82	7.68	7.6	1.34
31	1/25/2008 21:16	7.81	46.766	30.06	8.87	7.66	7.4	1.43
32	1/25/2008 21:31	7.78	46.530	29.89	8.87	7.67	8.3	1.57
33	1/25/2008 21:46	7.74	46.301	29.72	8.9	7.66	7.2	1.64
34	1/25/2008 22:01	7.83	46.738	30.04	8.84	7.67	7.2	1.74
35	1/25/2008 22:16	7.86	46.862	30.13	8.84	7.67	7.4	1.85
36	1/25/2008 22:31	8.08	47.600	30.67	8.74	7.68	7.9	1.96
37	1/25/2008 22:46	8.17	47.925	30.91	8.7	7.69	8.2	2.05
38	1/25/2008 23:01	8.2	48.037	30.99	8.69	7.69	8.6	2.16
39	1/25/2008 23:16	8.22	48.104	31.04	8.68	7.69	9.7	2.26
40	1/25/2008 23:31	8.27	48.233	31.14	8.67	7.69	10.1	2.36
41	1/25/2008 23:46	8.32	48.379	31.25	8.66	7.7	10.7	2.45
42	1/26/2008 00:01	8.34	48.433	31.29	8.64	7.7	11.6	2.56
43	1/26/2008 00:16	8.41	48.569	31.39	8.64	7.7	13.7	2.66
44	1/26/2008 00:31	8.48	48.782	31.55	8.66	7.71	15.3	2.75

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	1/26/2008 00:46	8.56	49.059	31.76	8.74	7.72	13.2	2.85
46	1/26/2008 01:01	8.65	49.320	31.95	8.82	7.73	15.5	2.96
47	1/26/2008 01:16	8.73	49.538	32.11	8.85	7.73	13.9	3.04
48	1/26/2008 01:31	8.86	49.841	32.34	8.79	7.74	11.6	3.14
49	1/26/2008 01:46	8.98	50.129	32.56	8.65	7.73	9.7	3.22
50	1/26/2008 02:01	9.03	50.226	32.63	8.58	7.72	7.2	3.31
51	1/26/2008 02:16	9.04	50.258	32.66	8.53	7.73	6.5	3.35
52	1/26/2008 02:31	9.05	50.286	32.68	8.47	7.72	5.6	3.39
53	1/26/2008 02:46	9.01	50.166	32.59	8.46	7.72	6.7	3.41
54	1/26/2008 03:01	9.01	50.181	32.6	8.5	7.72	7.4	3.41
55	1/26/2008 03:16	9.03	50.247	32.65	8.47	7.72	7.1	3.39
56	1/26/2008 03:31	9.05	50.296	32.69	8.44	7.72	7.5	3.33
57	1/26/2008 03:46	8.7	49.455	32.05	8.66	7.71	8.6	3.28
58	1/26/2008 04:01	8.58	49.110	31.79	8.7	7.7	7.5	3.21
59	1/26/2008 04:16	8.63	49.272	31.92	8.66	7.7	7.5	3.09
60	1/26/2008 04:31	8.56	49.058	31.76	8.69	7.7	6.8	3.01
61	1/26/2008 04:46	8.59	49.157	31.83	8.69	7.7	6.5	2.92
62	1/26/2008 05:01	8.58	49.129	31.81	8.68	7.7	6.9	2.82
63	1/26/2008 05:16	8.51	48.968	31.69	8.66	7.69	6.5	2.73
64	1/26/2008 05:31	8.47	48.794	31.56	8.64	7.69	6.2	2.66
65	1/26/2008 05:46	8.46	48.728	31.51	8.66	7.69	6.5	2.53
66	1/26/2008 06:01	8.34	48.378	31.25	8.68	7.68	6.5	2.47
67	1/26/2008 06:16	8.27	48.110	31.05	8.68	7.67	6.6	2.38
68	1/26/2008 06:31	8.23	47.984	30.96	8.68	7.67	6.4	2.30
69	1/26/2008 06:46	8.31	48.128	31.07	8.7	7.68	5.8	2.23
70	1/26/2008 07:01	8.25	47.867	30.88	8.69	7.67	5.7	2.17
71	1/26/2008 07:16	8.25	47.738	30.78	8.66	7.67	5.8	2.09
72	1/26/2008 07:31	8.15	47.467	30.58	8.65	7.65	5.7	2.03
73	1/26/2008 07:46	8.14	47.359	30.51	8.65	7.67	4.9	1.96
74	1/26/2008 08:01	8.07	47.197	30.38	8.62	7.66	4.7	1.93
75	1/26/2008 08:16	8.03	47.139	30.34	8.57	7.65	4.4	1.89
76	1/26/2008 08:31	8.03	47.095	30.31	8.47	7.64	3.2	1.88
77	1/26/2008 08:46	8.11	47.275	30.44	8.56	7.66	4.7	1.89
78	1/26/2008 09:01	8.11	47.325	30.48	8.6	7.66	5.0	1.92
79	1/26/2008 09:16	8.13	47.360	30.51	8.61	7.66	5.9	1.96
80	1/26/2008 09:31	8.12	47.388	30.53	8.59	7.66	6.4	2.01
81	1/26/2008 09:46	7.99	46.715	30.03	8.67	7.65	7.4	2.10
82	1/26/2008 10:01	8.08	46.959	30.22	8.66	7.66	6.8	2.17
83	1/26/2008 10:16	8.13	47.275	30.45	8.64	7.66	6.7	2.26
84	1/26/2008 10:31	8.18	47.438	30.57	8.63	7.67	6.6	2.33
85	1/26/2008 10:46	8.3	48.027	31	8.61	7.68	6.8	2.41
86	1/26/2008 11:01	8.39	48.273	31.18	8.65	7.69	6.6	2.49
87	1/26/2008 11:16	8.44	48.466	31.32	8.67	7.7	6.3	2.56
88	1/26/2008 11:31	8.46	48.510	31.35	8.69	7.7	6.6	2.63
89	1/26/2008 11:46	8.47	48.544	31.38	8.68	7.7	6.8	2.72

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	1/26/2008 12:01	8.53	48.727	31.52	8.64	7.7	7.9	2.80
91	1/26/2008 12:16	8.59	48.865	31.62	8.63	7.7	7.0	2.85
92	1/26/2008 12:31	8.63	48.974	31.7	8.63	7.71	7.1	2.93
93	1/26/2008 12:46	8.7	49.057	31.77	8.62	7.71	7.4	3.00
94	1/26/2008 13:01	8.78	49.252	31.91	8.6	7.71	7.2	3.06
95	1/26/2008 13:16	8.83	49.363	32	8.59	7.72	7.1	3.13
96	1/26/2008 13:31	8.89	49.512	32.11	8.58	7.72	6.4	3.19
97	1/26/2008 13:46	8.9	49.529	32.12	8.56	7.72	4.9	3.22
98	1/26/2008 14:01	8.96	49.660	32.22	8.57	7.72	4.6	3.25
99	1/26/2008 14:16	8.87	49.618	32.18	8.48	7.71	3.6	3.28
100	1/26/2008 14:31	8.91	49.557	32.14	8.56	7.72	5.5	3.27
101	1/26/2008 14:46	8.97	49.695	32.25	8.59	7.72	6.7	3.26
102	1/26/2008 15:01	8.96	49.679	32.23	8.58	7.72	6.7	3.21
103	1/26/2008 15:16	8.83	48.875	31.65	8.89	7.73	6.0	3.17
104	1/26/2008 15:31	8.75	48.637	31.47	8.96	7.73	6.3	3.08
105	1/26/2008 15:46	8.73	48.515	31.38	8.88	7.72	5.9	3.00
106	1/26/2008 16:01	8.68	48.345	31.25	8.94	7.72	5.5	2.91
107	1/26/2008 16:16	8.64	48.236	31.17	8.95	7.71	5.1	2.81
108	1/26/2008 16:31	8.64	48.257	31.19	8.89	7.71	5.4	2.71
109	1/26/2008 16:46	8.63	48.325	31.24	8.9	7.71	5.5	2.62
110	1/26/2008 17:01	8.62	48.408	31.29	8.88	7.72	5.4	2.53
111	1/26/2008 17:16	8.55	48.154	31.11	8.85	7.7	6.2	2.43
112	1/26/2008 17:31	8.57	48.257	31.18	8.84	7.7	5.3	2.32
113	1/26/2008 17:46	8.47	47.892	30.91	8.82	7.69	6.1	2.24
114	1/26/2008 18:01	8.51	48.078	31.05	8.81	7.7	5.7	2.13
115	1/26/2008 18:16	8.48	47.970	30.97	8.8	7.69	6.4	2.02
116	1/26/2008 18:31	8.47	47.930	30.94	8.79	7.69	6.1	1.93
117	1/26/2008 18:46	8.47	47.969	30.97	8.78	7.69	6.1	1.84
118	1/26/2008 19:01	8.41	47.749	30.81	8.81	7.69	5.8	1.74
119	1/26/2008 19:16	8.36	47.462	30.6	8.83	7.68	5.7	1.63
120	1/26/2008 19:31	8.33	47.281	30.47	8.83	7.68	5.5	1.57
121	1/26/2008 19:46	8.32	47.188	30.4	8.83	7.67	5.7	1.50
122	1/26/2008 20:01	8.31	47.199	30.41	8.79	7.67	4.9	1.44
123	1/26/2008 20:16	8.3	47.102	30.34	8.78	7.67	3.9	1.43
124	1/26/2008 20:31	8.31	47.126	30.35	8.77	7.67	4.4	1.41
125	1/26/2008 20:46	8.31	47.157	30.38	8.82	7.67	4.4	1.42
126	1/26/2008 21:01	8.32	47.195	30.4	8.82	7.67	4.9	1.47
127	1/26/2008 21:16	8.31	47.155	30.37	8.84	7.67	5.0	1.52
128	1/26/2008 21:31	8.32	46.940	30.22	8.86	7.67	5.0	1.60
129	1/26/2008 21:46	8.32	46.948	30.23	8.85	7.67	5.5	1.68
130	1/26/2008 22:01	8.31	46.644	30.01	8.87	7.66	5.9	1.76
131	1/26/2008 22:16	8.33	46.810	30.13	8.85	7.67	6.0	1.87
132	1/26/2008 22:31	8.34	46.797	30.12	8.85	7.67	6.0	1.95
133	1/26/2008 22:46	8.37	46.956	30.24	8.82	7.67	5.8	2.04
134	1/26/2008 23:01	8.43	47.436	30.58	8.79	7.68	5.9	2.12

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	1/26/2008 23:16	8.49	47.945	30.95	8.76	7.69	6.7	2.21
136	1/26/2008 23:31	8.5	48.048	31.03	8.76	7.69	6.8	2.29
137	1/26/2008 23:46	8.5	48.086	31.05	8.78	7.69	7.4	2.38
138	1/27/2008 00:01	8.54	48.108	31.07	8.79	7.69	7.6	2.47
139	1/27/2008 00:16	8.58	48.158	31.11	8.77	7.69	8.4	2.55
140	1/27/2008 00:31	8.61	48.249	31.18	8.76	7.69	10.0	2.65
141	1/27/2008 00:46	8.68	48.494	31.36	8.74	7.7	11.2	2.74
142	1/27/2008 01:01	8.74	48.733	31.54	8.74	7.7	11.4	2.84
143	1/27/2008 01:16	8.84	49.066	31.78	8.74	7.71	11.6	2.95
144	1/27/2008 01:31	8.95	49.418	32.05	8.73	7.72	10.1	3.03
145	1/27/2008 01:46	9	49.588	32.17	8.72	7.72	10.1	3.14
146	1/27/2008 02:01	9.05	49.732	32.28	8.74	7.73	10.3	3.22
147	1/27/2008 02:16	9.1	49.890	32.4	8.75	7.73	8.8	3.30
148	1/27/2008 02:31	9.17	50.097	32.55	8.77	7.74	7.3	3.36
149	1/27/2008 02:46	9.2	50.193	32.62	8.76	7.74	6.1	3.41
150	1/27/2008 03:01	9.22	50.243	32.66	8.74	7.74	6.0	3.44
151	1/27/2008 03:16	9.06	49.801	32.33	8.73	7.73	6.7	3.46
152	1/27/2008 03:31	9.2	50.217	32.64	8.74	7.74	6.5	3.45
153	1/27/2008 03:46	9.21	50.237	32.66	8.77	7.74	7.7	3.41
154	1/27/2008 04:01	9	49.629	32.2	8.73	7.72	8.3	3.37
155	1/27/2008 04:16	9.02	49.726	32.27	8.74	7.72	8.5	3.30
156	1/27/2008 04:31	8.98	49.568	32.16	8.72	7.72	7.3	3.23
157	1/27/2008 04:46	8.94	49.460	32.08	8.73	7.72	7.2	3.14
158	1/27/2008 05:01	8.96	49.474	32.09	8.76	7.72	6.8	3.04
159	1/27/2008 05:16	8.88	49.229	31.9	8.72	7.71	6.3	2.96
160	1/27/2008 05:31	8.83	49.029	31.76	8.71	7.7	5.8	2.87
161	1/27/2008 05:46	8.78	48.893	31.65	8.68	7.7	5.8	2.77
162	1/27/2008 06:01	8.76	48.833	31.61	8.65	7.69	6.0	2.68
163	1/27/2008 06:16	8.68	48.558	31.41	8.64	7.69	6.0	2.60
164	1/27/2008 06:31	8.68	48.591	31.43	8.62	7.68	5.2	2.52
165	1/27/2008 06:46	8.62	48.334	31.24	8.65	7.68	6.3	2.41
166	1/27/2008 07:01	8.47	47.627	30.72	8.7	7.67	7.0	2.35
167	1/27/2008 07:16	8.55	47.879	30.91	8.65	7.67	5.5	2.27
168	1/27/2008 07:31	8.43	47.320	30.5	8.67	7.66	5.0	2.19
169	1/27/2008 07:46	8.53	47.849	30.89	8.62	7.67	5.0	2.11
170	1/27/2008 08:01	8.42	47.363	30.53	8.64	7.65	4.9	2.06
171	1/27/2008 08:16	8.43	47.399	30.56	8.59	7.65	4.6	2.00
172	1/27/2008 08:31	8.41	47.331	30.51	8.6	7.65	4.3	1.96
173	1/27/2008 08:46	8.39	47.306	30.49	8.56	7.65	4.4	1.92
174	1/27/2008 09:01	8.38	47.265	30.46	8.56	7.64	3.9	1.89
175	1/27/2008 09:16	8.35	47.152	30.37	8.53	7.64	3.2	1.89
176	1/27/2008 09:31	8.4	47.276	30.47	8.55	7.65	4.0	1.88
177	1/27/2008 09:46	8.4	47.365	30.53	8.55	7.65	4.1	1.90
178	1/27/2008 10:01	8.41	47.375	30.54	8.58	7.65	4.6	1.94
179	1/27/2008 10:16	8.42	47.285	30.48	8.58	7.65	4.8	2.00

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	1/27/2008 10:31	8.4	47.006	30.27	8.6	7.64	5.4	2.05
181	1/27/2008 10:46	8.41	47.059	30.31	8.58	7.64	5.3	2.11
182	1/27/2008 11:01	8.42	47.149	30.38	8.61	7.65	5.2	2.19
183	1/27/2008 11:16	8.45	47.335	30.51	8.59	7.65	5.4	2.26
184	1/27/2008 11:31	8.5	47.515	30.65	8.58	7.65	5.2	2.33
185	1/27/2008 11:46	8.59	47.985	30.99	8.58	7.67	5.7	2.40
186	1/27/2008 12:01	8.63	48.158	31.12	8.61	7.67	5.6	2.48
187	1/27/2008 12:16	8.69	48.444	31.33	8.64	7.68	5.9	2.54
188	1/27/2008 12:31	8.7	48.522	31.38	8.62	7.68	5.7	2.62
189	1/27/2008 12:46	8.71	48.557	31.41	8.63	7.69	5.3	2.70
190	1/27/2008 13:01	8.72	48.598	31.44	8.65	7.69	5.3	2.76
191	1/27/2008 13:16	8.73	48.612	31.45	8.63	7.69	6.3	2.81
192	1/27/2008 13:31	8.73	48.621	31.46	8.64	7.69	5.2	2.88
193	1/27/2008 13:46	8.75	48.641	31.47	8.63	7.69	4.9	2.93
194	1/27/2008 14:01	8.75	48.673	31.49	8.59	7.69	4.4	2.98
195	1/27/2008 14:16	8.76	48.686	31.5	8.6	7.69	4.3	3.03
196	1/27/2008 14:31	8.76	48.694	31.51	8.54	7.69	4.8	3.04
197	1/27/2008 14:46	8.73	48.671	31.49	8.58	7.69	5.2	3.05
198	1/27/2008 15:01	8.67	48.570	31.41	8.67	7.69	8.6	3.07
199	1/27/2008 15:16	8.68	48.582	31.42	8.64	7.69	8.3	3.07
200	1/27/2008 15:31	8.58	48.474	31.34	8.75	7.7	8.0	3.03
201	1/27/2008 15:46	8.59	48.500	31.36	8.8	7.7	8.3	2.99
202	1/27/2008 16:01	8.6	48.574	31.41	8.79	7.7	8.1	2.96
203	1/27/2008 16:16	8.6	48.595	31.43	8.79	7.7	8.2	2.90
204	1/27/2008 16:31	8.55	48.467	31.33	8.78	7.7	12.7	2.84
205	1/27/2008 16:46	8.49	48.360	31.25	8.81	7.7	13.5	2.75
206	1/27/2008 17:01	8.46	48.292	31.2	8.81	7.7	12.7	2.68
207	1/27/2008 17:16	8.37	48.083	31.04	8.82	7.69	12.7	2.59
208	1/27/2008 17:31	8.21	47.513	30.62	8.84	7.68	23.1	2.53
209	1/27/2008 17:46	8.19	47.570	30.66	8.81	7.67	25.2	2.46
210	1/27/2008 18:01	8.15	47.494	30.6	8.8	7.67	37.5	2.38
211	1/27/2008 18:16	8.08	47.222	30.4	8.77	7.66	27.7	2.31
212	1/27/2008 18:31	8.07	47.386	30.52	8.77	7.66	21.0	2.23
213	1/27/2008 18:46	7.95	46.852	30.13	8.8	7.65	28.3	2.16
214	1/27/2008 19:01	7.91	46.893	30.15	8.8	7.65	25.3	2.11
215	1/27/2008 19:16	7.86	46.886	30.15	8.82	7.65	22.6	2.01
216	1/27/2008 19:31	7.79	46.598	29.94	8.81	7.64	24.4	1.98
217	1/27/2008 19:46	7.77	46.599	29.93	8.79	7.64	22.7	1.90
218	1/27/2008 20:01	7.77	46.700	30.01	8.77	7.64	22.0	1.83
219	1/27/2008 20:16	7.75	46.646	29.97	8.75	7.64	21.8	1.78
220	1/27/2008 20:31	7.75	46.554	29.9	8.71	7.63	21.5	1.74
221	1/27/2008 20:46	7.74	46.467	29.84	8.75	7.63	21.1	1.73
222	1/27/2008 21:01	7.69	46.286	29.71	8.75	7.63	18.0	1.69
223	1/27/2008 21:16	7.77	46.560	29.91	8.72	7.63	20.1	1.73
224	1/27/2008 21:31	7.8	46.596	29.93	8.73	7.63	21.0	1.72

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	1/27/2008 21:46	7.66	46.259	29.68	8.81	7.63	21.7	1.77
226	1/27/2008 22:01	7.78	46.259	29.69	8.78	7.63	22.0	1.82
227	1/27/2008 22:16	7.68	45.366	29.05	8.89	7.63	22.5	1.88
228	1/27/2008 22:31	7.8	45.551	29.19	8.86	7.63	20.9	1.97
229	1/27/2008 22:46	7.81	45.366	29.06	8.86	7.63	19.9	2.05
230	1/27/2008 23:01	7.87	45.876	29.43	8.8	7.63	21.5	2.11
231	1/27/2008 23:16	8.02	46.387	29.8	8.78	7.65	20.1	2.18
232	1/27/2008 23:31	8.13	46.792	30.1	8.76	7.66	17.6	2.26
233	1/27/2008 23:46	8.26	47.396	30.54	8.74	7.67	17.4	2.35
234	1/28/2008 00:01	8.21	47.221	30.41	8.79	7.67	15.3	2.43
235	1/28/2008 00:16	8.17	47.329	30.49	8.79	7.67	14.0	2.51
236	1/28/2008 00:31	8.18	47.321	30.48	8.81	7.68	13.7	2.59
237	1/28/2008 00:46	8.25	47.461	30.59	8.79	7.68	14.3	2.68
238	1/28/2008 01:01	8.37	47.770	30.82	8.77	7.69	16.9	2.76
239	1/28/2008 01:16	8.4	47.875	30.9	8.78	7.69	18.0	2.86
240	1/28/2008 01:31	8.47	48.091	31.06	8.79	7.7	17.9	2.94
241	1/28/2008 01:46	8.49	48.170	31.11	8.79	7.7	16.4	3.02
242	1/28/2008 02:01	8.54	48.267	31.19	8.79	7.71	14.0	3.13
243	1/28/2008 02:16	8.62	48.561	31.4	8.82	7.72	12.4	3.19
244	1/28/2008 02:31	8.66	48.771	31.56	8.86	7.72	12.6	3.27
245	1/28/2008 02:46	8.7	48.942	31.68	8.88	7.73	10.2	3.35
246	1/28/2008 03:01	8.77	49.154	31.84	8.91	7.74	7.9	3.39
247	1/28/2008 03:16	8.78	49.226	31.89	8.89	7.74	6.0	3.44
248	1/28/2008 03:31	8.8	49.259	31.92	8.8	7.73	3.4	3.45
249	1/28/2008 03:46	8.78	49.198	31.87	8.86	7.74	7.9	3.46
250	1/28/2008 04:01	8.8	49.314	31.96	8.88	7.74	7.7	3.45
251	1/28/2008 04:16	8.78	49.289	31.94	8.9	7.74	8.6	3.43
252	1/28/2008 04:31	8.64	48.938	31.68	8.88	7.73	9.1	3.38
253	1/28/2008 04:46	8.45	48.824	31.58	8.88	7.72	9.3	3.33
254	1/28/2008 05:01	8.47	48.896	31.63	8.9	7.72	9.3	3.26
255	1/28/2008 05:16	8.35	48.542	31.37	8.89	7.71	9.7	3.18
256	1/28/2008 05:31	8.29	48.424	31.28	8.87	7.71	8.7	3.08
257	1/28/2008 05:46	8.2	48.064	31.01	8.81	7.69	8.6	3.00
258	1/28/2008 06:01	8.27	48.294	31.18	8.83	7.7	9.6	2.94
259	1/28/2008 06:16	8.09	47.874	30.87	8.85	7.69	9.1	2.86
260	1/28/2008 06:31	7.95	47.489	30.58	8.83	7.68	9.6	2.78
261	1/28/2008 06:46	7.85	47.239	30.4	8.83	7.67	11.5	2.69
262	1/28/2008 07:01	7.79	47.118	30.3	8.81	7.66	10.5	2.61
263	1/28/2008 07:16	7.75	47.037	30.24	8.82	7.66	11.0	2.56
264	1/28/2008 07:31	7.71	46.876	30.13	8.82	7.66	11.9	2.46
265	1/28/2008 07:46	7.72	46.939	30.17	8.81	7.66	11.4	2.36
266	1/28/2008 08:01	7.64	46.593	29.92	8.82	7.65	11.9	2.31
267	1/28/2008 08:16	7.58	46.382	29.76	8.83	7.65	13.7	2.25
268	1/28/2008 08:31	7.4	45.577	29.18	8.87	7.63	15.8	2.17
269	1/28/2008 08:46	7.44	46.144	29.58	8.85	7.63	15.1	2.10

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	1/28/2008 09:01	7.42	46.193	29.62	8.87	7.64	14.9	2.05
271	1/28/2008 09:16	7.42	46.381	29.75	8.93	7.65	13.0	1.97
272	1/28/2008 09:31	7.36	46.165	29.59	8.94	7.64	13.0	1.95
273	1/28/2008 09:46	7.31	45.996	29.47	8.94	7.64	13.4	1.88
274	1/28/2008 10:01	7.28	45.903	29.4	8.92	7.63	12.4	1.86
275	1/28/2008 10:16	7.29	45.802	29.33	8.89	7.63	9.9	1.85
276	1/28/2008 10:31	7.42	46.202	29.62	8.82	7.63	11.0	1.86
277	1/28/2008 10:46	7.46	46.313	29.7	8.78	7.63	13.3	1.88
278	1/28/2008 11:01	7.48	46.138	29.58	8.78	7.63	13.1	1.92
279	1/28/2008 11:16	7.48	46.112	29.56	8.77	7.63	12.7	1.96
280	1/28/2008 11:31	7.5	45.914	29.43	8.77	7.63	14.6	2.02
281	1/28/2008 11:46	7.46	45.415	29.07	8.84	7.63	15.3	2.08
282	1/28/2008 12:01	7.49	45.510	29.14	8.82	7.63	14.0	2.13
283	1/28/2008 12:16	7.53	45.623	29.22	8.8	7.63	13.8	2.19
284	1/28/2008 12:31	7.59	45.899	29.42	8.78	7.63	14.9	2.27
285	1/28/2008 12:46	7.63	45.357	29.04	8.83	7.64	12.7	2.31
286	1/28/2008 13:01	7.74	45.702	29.3	8.83	7.64	11.6	2.38
287	1/28/2008 13:16	7.83	46.099	29.58	8.83	7.65	10.4	2.43
288	1/28/2008 13:31	7.91	46.312	29.74	8.81	7.66	9.6	2.47
289	1/28/2008 13:46	7.94	46.645	29.98	8.8	7.66	9.3	2.53
290	1/28/2008 14:01	7.96	46.674	30	8.82	7.67	8.8	2.56
291	1/28/2008 14:16	7.95	46.530	29.9	8.83	7.67	7.9	2.60
292	1/28/2008 14:31	7.97	46.693	30.02	8.83	7.67	8.0	2.68
293	1/28/2008 14:46	7.99	46.747	30.06	8.82	7.67	7.4	2.71
294	1/28/2008 15:01	8.02	46.914	30.18	8.76	7.67	6.6	2.72
295	1/28/2008 15:16	8.02	46.932	30.19	8.79	7.67	6.5	2.79
296	1/28/2008 15:31	8.04	46.977	30.23	8.77	7.67	4.5	2.79
297	1/28/2008 15:46	8.02	47.027	30.26	8.7	7.66	4.7	2.82
298	1/28/2008 16:01	7.99	47.218	30.39	8.7	7.67	6.5	2.83
299	1/28/2008 16:16	7.98	47.210	30.39	8.65	7.66	5.8	2.81
300	1/28/2008 16:31	7.98	47.207	30.38	8.69	7.66	7.5	2.81
301	1/28/2008 16:46	7.97	47.165	30.35	8.72	7.67	8.2	2.76
302	1/28/2008 17:01	7.96	47.071	30.29	8.7	7.66	8.0	2.72
303	1/28/2008 17:16	7.99	46.926	30.18	8.73	7.67	8.9	2.67
304	1/28/2008 17:31	7.98	46.865	30.14	8.81	7.67	10.0	2.62
305	1/28/2008 17:46	7.93	46.699	30.02	8.83	7.67	8.9	2.57
306	1/28/2008 18:01	7.94	46.405	29.81	8.84	7.67	10.8	2.53
307	1/28/2008 18:16	7.88	46.347	29.76	8.79	7.66	11.0	2.46
308	1/28/2008 18:31	7.86	46.006	29.52	8.82	7.66	19.6	2.39
309	1/28/2008 18:46	7.8	45.758	29.34	8.84	7.65	11.5	2.35
310	1/28/2008 19:01	7.75	45.693	29.29	8.83	7.65	17.1	2.30
311	1/28/2008 19:16	7.77	46.084	29.57	8.74	7.65	10.8	2.21
312	1/28/2008 19:31	7.67	45.641	29.25	8.86	7.65	10.2	2.20
313	1/28/2008 19:46	7.58	45.219	28.94	8.92	7.64	8.8	2.11
314	1/28/2008 20:01	7.55	45.305	29	8.91	7.64	7.7	2.03

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	1/28/2008 20:16	7.55	45.363	29.04	8.86	7.64	9.9	2.02
316	1/28/2008 20:31	7.48	45.188	28.91	8.82	7.63	8.0	1.97
317	1/28/2008 20:46	7.44	45.023	28.79	8.8	7.63	6.5	1.93
318	1/28/2008 21:01	7.45	44.976	28.76	8.84	7.63	7.2	1.92
319	1/28/2008 21:16	7.53	44.937	28.74	8.83	7.64	10.2	1.92
320	1/28/2008 21:31	7.59	45.315	29.01	8.93	7.65	9.7	1.94
321	1/28/2008 21:46	7.61	44.942	28.75	8.96	7.65	9.0	1.94
322	1/28/2008 22:01	7.54	44.941	28.74	8.98	7.65	10.1	1.96
323	1/28/2008 22:16	7.57	45.324	29.01	8.91	7.64	8.8	2.00
324	1/28/2008 22:31	7.59	45.362	29.04	8.91	7.64	10.3	2.06
325	1/28/2008 22:46	7.66	45.178	28.92	8.91	7.64	9.7	2.08
326	1/28/2008 23:01	7.66	45.247	28.97	8.92	7.64	9.9	2.14
327	1/28/2008 23:16	7.71	45.400	29.08	8.88	7.64	9.9	2.20
328	1/28/2008 23:31	7.77	45.451	29.12	8.86	7.65	12.4	2.26
329	1/28/2008 23:46	7.79	45.293	29.01	8.89	7.65	12.3	2.31
330	1/29/2008 00:01	7.81	45.142	28.9	8.9	7.65	9.1	2.38
331	1/29/2008 00:16	7.81	45.013	28.81	8.93	7.65	9.3	2.45
332	1/29/2008 00:31	7.85	45.495	29.16	8.91	7.66	8.6	2.51
333	1/29/2008 00:46	7.92	46.288	29.73	8.86	7.66	11.4	2.57
334	1/29/2008 01:01	7.94	46.494	29.87	8.86	7.67	12.1	2.65
335	1/29/2008 01:16	7.83	45.422	29.1	9.03	7.67	10.8	2.71
336	1/29/2008 01:31	7.95	46.213	29.67	8.93	7.67	9.2	2.80
337	1/29/2008 01:46	8.05	46.772	30.08	8.87	7.68	10.6	2.85
338	1/29/2008 02:01	8.1	46.912	30.18	8.88	7.68	11.9	2.93
339	1/29/2008 02:16	8.13	46.998	30.25	8.87	7.68	11.6	3.01
340	1/29/2008 02:31	8.2	47.174	30.38	8.91	7.69	11.9	3.08
341	1/29/2008 02:46	8.27	47.352	30.51	8.94	7.7	15.7	3.14
342	1/29/2008 03:01	8.32	47.625	30.71	9	7.71	16.0	3.20
343	1/29/2008 03:16	8.38	47.843	30.87	9.01	7.71	9.4	3.27
344	1/29/2008 03:31	8.42	48.002	30.99	9.04	7.71	9.7	3.31
345	1/29/2008 03:46	8.46	48.154	31.1	9.06	7.72	7.8	3.35
346	1/29/2008 04:01	8.5	48.314	31.22	9.1	7.72	6.3	3.37
347	1/29/2008 04:16	8.51	48.372	31.26	9.06	7.72	7.8	3.39
348	1/29/2008 04:31	8.49	48.292	31.2	9.04	7.72	8.5	3.40
349	1/29/2008 04:46	8.56	48.517	31.37	9.11	7.72	11.4	3.38
350	1/29/2008 05:01	8.49	48.324	31.22	9.03	7.71	7.8	3.34
351	1/29/2008 05:16	8.33	47.832	30.86	9.06	7.71	8.3	3.30
352	1/29/2008 05:31	8.02	46.805	30.1	9.04	7.69	9.6	3.26
353	1/29/2008 05:46	7.91	45.960	29.49	9.07	7.68	11.1	3.19
354	1/29/2008 06:01	7.78	45.737	29.32	9.05	7.67	11.0	3.11
355	1/29/2008 06:16	7.71	45.746	29.32	9.03	7.66	7.4	3.04
356	1/29/2008 06:31	7.69	45.655	29.26	9.01	7.66	7.9	2.97
357	1/29/2008 06:46	7.82	46.047	29.55	9	7.67	8.3	2.89
358	1/29/2008 07:01	7.63	45.588	29.21	9.08	7.66	8.5	2.81
359	1/29/2008 07:16	7.67	45.768	29.34	9.03	7.66	7.6	2.74

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	1/29/2008 07:31	7.5	45.001	28.78	9.07	7.65	7.2	2.64
361	1/29/2008 07:46	7.56	45.415	29.08	9.03	7.65	7.3	2.56
362	1/29/2008 08:01	7.55	45.350	29.03	9.05	7.65	8.6	2.49
363	1/29/2008 08:16	7.46	44.535	28.45	9.1	7.64	11.6	2.41
364	1/29/2008 08:31	7.37	44.001	28.06	9.15	7.64	13.8	2.32
365	1/29/2008 08:46	7.43	44.407	28.36	9.18	7.65	16.4	2.28
366	1/29/2008 09:01	7.38	44.454	28.38	9.21	7.65	15.5	2.22
367	1/29/2008 09:16	7.35	44.740	28.58	9.2	7.64	15.2	2.16
368	1/29/2008 09:31	7.31	44.789	28.61	9.2	7.64	14.8	2.09
369	1/29/2008 09:46	7.27	44.741	28.58	9.22	7.64	15.9	2.04
370	1/29/2008 10:01	7.26	44.695	28.54	9.22	7.64	16.3	1.97
371	1/29/2008 10:16	7.27	44.711	28.56	9.24	7.64	12.3	1.91
372	1/29/2008 10:31	7.26	44.667	28.52	9.24	7.64	11.6	1.88
373	1/29/2008 10:46	7.2	44.332	28.28	9.13	7.63	8.5	1.87
374	1/29/2008 11:01	7.27	44.626	28.5	9.13	7.64	9.7	1.84
375	1/29/2008 11:16	7.3	44.778	28.61	9.07	7.63	8.6	1.83
376	1/29/2008 11:31	7.3	44.818	28.63	9.09	7.64	12.5	1.87
377	1/29/2008 11:46	7.3	44.753	28.59	9.12	7.64	11.9	1.89
378	1/29/2008 12:01	7.3	44.653	28.52	9.12	7.63	10.5	1.91
379	1/29/2008 12:16	7.31	44.587	28.47	9.1	7.63	11.8	1.95
380	1/29/2008 12:31	7.33	44.557	28.45	9.12	7.63	10.8	2.02
381	1/29/2008 12:46	7.33	44.507	28.42	9.11	7.63	11.1	2.06
382	1/29/2008 13:01	7.35	44.499	28.41	9.09	7.63	9.8	2.11
383	1/29/2008 13:16	7.37	44.571	28.47	9.08	7.63	9.0	2.18
384	1/29/2008 13:31	7.39	44.213	28.22	9.09	7.63	7.6	2.21
385	1/29/2008 13:46	7.4	44.575	28.47	8.97	7.63	6.8	2.24
386	1/29/2008 14:01	7.47	44.796	28.63	9.01	7.64	7.2	2.30
387	1/29/2008 14:16	7.52	44.627	28.52	9.01	7.64	7.7	2.32
388	1/29/2008 14:31	7.58	44.776	28.63	9.02	7.64	6.5	2.36
389	1/29/2008 14:46	7.62	44.869	28.7	9	7.64	6.2	2.39
390	1/29/2008 15:01	7.67	44.929	28.74	9.05	7.65	6.3	2.44
391	1/29/2008 15:16	7.68	45.301	29.01	9	7.65	5.7	2.48
392	1/29/2008 15:31	7.71	45.359	29.05	9	7.66	6.1	2.50
393	1/29/2008 15:46	7.77	45.283	29	9.05	7.66	5.5	2.55
394	1/29/2008 16:01	7.75	45.516	29.16	9.04	7.66	5.5	2.57
395	1/29/2008 16:16	7.75	45.585	29.21	9	7.66	4.8	2.60
396	1/29/2008 16:31	7.73	45.699	29.29	8.93	7.65	4.4	2.62
397	1/29/2008 16:46	7.77	45.650	29.26	8.88	7.65	4.9	2.63
398	1/29/2008 17:01	7.79	45.444	29.12	9.06	7.66	5.9	2.63
399	1/29/2008 17:16	7.73	45.113	28.88	9.14	7.66	9.7	2.65
400	1/29/2008 17:31	7.7	45.125	28.88	9.01	7.65	4.2	2.65
401	1/29/2008 17:46	7.72	45.279	28.99	8.99	7.65	4.9	2.63
402	1/29/2008 18:01	7.7	45.362	29.05	8.97	7.65	6.8	2.60
403	1/29/2008 18:16	7.68	45.200	28.94	8.98	7.65	7.6	2.57
404	1/29/2008 18:31	7.65	44.944	28.75	9.04	7.65	8.9	2.53

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	1/29/2008 18:46	7.46	44.751	28.6	9.08	7.64	9.4	2.49
406	1/29/2008 19:01	7.46	44.676	28.55	9.09	7.64	8.4	2.46
407	1/29/2008 19:16	7.66	44.510	28.45	9.39	7.71	8.6	2.39
408	1/29/2008 19:31	7.87	44.456	28.42	9.75	7.77	9.1	2.35
409	1/29/2008 19:46	7.76	44.372	28.36	9.68	7.74	9.3	2.34
410	1/29/2008 20:01	7.67	44.570	28.49	9.46	7.7	8.5	2.28
411	1/29/2008 20:16	7.59	44.802	28.65	9.39	7.68	9.3	2.25
412	1/29/2008 20:31	7.57	44.712	28.58	9.39	7.68	10.1	2.21
413	1/29/2008 20:46	7.55	44.590	28.49	9.46	7.7	9.6	2.21
414	1/29/2008 21:01	7.52	44.531	28.45	9.46	7.71	7.6	2.16
415	1/29/2008 21:16	7.46	44.512	28.43	9.4	7.69	8.1	2.11
416	1/29/2008 21:31	7.43	44.531	28.44	9.22	7.66	5.8	2.12
417	1/29/2008 21:46	7.42	44.586	28.48	8.97	7.64	3.5	2.10
418	1/29/2008 22:01	7.42	44.599	28.49	8.97	7.64	3.5	2.09
419	1/29/2008 22:16	7.38	44.684	28.55	9.14	7.64	6.8	2.11
420	1/29/2008 22:31	7.52	44.638	28.53	9.27	7.67	6.0	2.10
421	1/29/2008 22:46	7.53	44.557	28.47	9.37	7.68	8.3	2.12
422	1/29/2008 23:01	7.47	44.508	28.43	9.37	7.68	8.0	2.15
423	1/29/2008 23:16	7.45	44.495	28.42	9.37	7.67	9.9	2.20
424	1/29/2008 23:31	7.47	44.524	28.44	9.36	7.67	8.3	2.22
425	1/29/2008 23:46	7.54	44.336	28.31	9.35	7.67	9.0	2.27
426	1/30/2008 00:01	7.55	44.287	28.28	9.34	7.67	10.2	2.33
427	1/30/2008 00:16	7.57	44.407	28.37	9.35	7.67	9.1	2.37
428	1/30/2008 00:31	7.59	44.339	28.32	9.3	7.67	8.6	2.43
429	1/30/2008 00:46	7.61	44.471	28.41	9.24	7.66	8.6	2.49
430	1/30/2008 01:01	7.62	44.571	28.49	9.21	7.66	8.2	2.55
431	1/30/2008 01:16	7.69	45.003	28.8	9.15	7.66	8.0	2.60
432	1/30/2008 01:31	7.72	45.337	29.04	9.13	7.67	7.9	2.66
433	1/30/2008 01:46	7.72	45.189	28.93	9.14	7.67	7.0	2.72
434	1/30/2008 02:01	7.79	45.582	29.22	9.1	7.67	7.1	2.80
435	1/30/2008 02:16	7.79	45.107	28.88	9.16	7.67	7.4	2.84
436	1/30/2008 02:31	7.88	45.151	28.92	9.2	7.68	7.5	2.92
437	1/30/2008 02:46	7.95	45.500	29.17	9.19	7.68	7.3	2.99
438	1/30/2008 03:01	8.03	45.683	29.3	9.2	7.69	7.9	3.04
439	1/30/2008 03:16	8.1	46.038	29.56	9.21	7.7	7.1	3.10
440	1/30/2008 03:31	8.16	46.173	29.66	9.22	7.7	8.0	3.17
441	1/30/2008 03:46	8.25	46.751	30.08	9.21	7.71	7.2	3.21
442	1/30/2008 04:01	8.32	46.974	30.25	9.22	7.72	5.4	3.25
443	1/30/2008 04:16	8.34	46.966	30.24	9.23	7.72	5.4	3.30
444	1/30/2008 04:31	8.37	47.001	30.27	9.19	7.72	5.2	3.33
445	1/30/2008 04:46	8.42	47.406	30.56	9.14	7.72	3.5	3.34
446	1/30/2008 05:01	8.37	47.272	30.46	9.07	7.71	3.6	3.35
447	1/30/2008 05:16	8.41	47.526	30.65	9.09	7.71	5.7	3.33
448	1/30/2008 05:31	8.33	47.209	30.41	9.09	7.71	4.3	3.33
449	1/30/2008 05:46	8.21	46.973	30.24	9.16	7.71	6.1	3.29

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	1/30/2008 06:01	8.22	47.281	30.46	9.17	7.72	6.0	3.22
451	1/30/2008 06:16	8.18	46.490	29.89	9.1	7.7	7.5	3.18
452	1/30/2008 06:31	8.19	46.598	29.97	9.12	7.7	12.7	3.15
453	1/30/2008 06:46	8.13	46.353	29.79	9.14	7.7	9.4	3.07
454	1/30/2008 07:01	7.97	45.930	29.48	9.16	7.68	10.8	2.99
455	1/30/2008 07:16	7.61	44.583	28.49	9.23	7.67	8.0	2.94
456	1/30/2008 07:31	7.53	44.183	28.21	9.15	7.65	20.8	2.87
457	1/30/2008 07:46	7.56	44.518	28.44	9.19	7.66	9.6	2.80
458	1/30/2008 08:01	7.46	44.161	28.18	9.18	7.65	7.6	2.74
459	1/30/2008 08:16	7.35	43.699	27.85	9.22	7.64	8.7	2.65
460	1/30/2008 08:31	7.43	44.058	28.11	9.16	7.64	6.9	2.60
461	1/30/2008 08:46	7.38	43.818	27.94	9.23	7.64	8.0	2.51
462	1/30/2008 09:01	7.35	43.776	27.9	9.24	7.65	7.1	2.43
463	1/30/2008 09:16	7.31	43.576	27.76	9.29	7.64	7.0	2.36
464	1/30/2008 09:31	7.27	43.438	27.66	9.35	7.64	8.6	2.28
465	1/30/2008 09:46	7.24	43.549	27.74	9.41	7.65	8.6	2.18
466	1/30/2008 10:01	7.25	43.630	27.79	9.54	7.66	8.3	2.14
467	1/30/2008 10:16	7.24	43.655	27.81	9.5	7.66	7.8	2.05
468	1/30/2008 10:31	7.22	43.715	27.85	9.52	7.66	9.4	1.98
469	1/30/2008 10:46	7.22	43.703	27.84	9.47	7.66	6.7	1.95
470	1/30/2008 11:01	7.21	43.712	27.85	9.49	7.66	8.6	1.86
471	1/30/2008 11:16	7.2	43.732	27.86	9.4	7.65	7.3	1.83
472	1/30/2008 11:31	7.2	43.794	27.9	9.22	7.64	4.0	1.77
473	1/30/2008 11:46	7.19	44.008	28.05	9.07	7.62	4.9	1.73
474	1/30/2008 12:01	7.22	43.985	28.04	9.09	7.62	6.8	1.74
475	1/30/2008 12:16	7.34	43.708	27.86	9.54	7.67	7.4	1.73
476	1/30/2008 12:31	7.36	43.672	27.83	9.49	7.66	7.5	1.72
477	1/30/2008 12:46	7.35	43.791	27.91	9.3	7.64	7.2	1.75
478	1/30/2008 13:01	7.28	43.946	28.02	9.27	7.64	7.9	1.79
479	1/30/2008 13:16	7.23	44.048	28.09	9.21	7.63	6.9	1.81
480	1/30/2008 13:31	7.29	43.940	28.01	9.22	7.64	6.7	1.82
481	1/30/2008 13:46	7.29	43.899	27.99	9.21	7.63	7.1	1.89
482	1/30/2008 14:01	7.29	43.800	27.92	9.23	7.63	6.6	1.92
483	1/30/2008 14:16	7.28	43.754	27.88	9.24	7.63	8.7	1.96
484	1/30/2008 14:31	7.29	43.790	27.91	9.2	7.63	6.6	1.98
485	1/30/2008 14:46	7.29	43.824	27.93	9.17	7.63	7.3	2.05
486	1/30/2008 15:01	7.29	43.686	27.84	9.19	7.63	7.6	2.12
487	1/30/2008 15:16	7.32	43.752	27.89	9.17	7.63	7.4	2.11
488	1/30/2008 15:31	7.35	43.839	27.95	9.14	7.63	6.8	2.16
489	1/30/2008 15:46	7.41	44.009	28.07	9.13	7.63	6.7	2.22
490	1/30/2008 16:01	7.49	44.167	28.19	9.11	7.64	6.5	2.24
491	1/30/2008 16:16	7.51	44.137	28.17	9.1	7.64	6.0	2.27
492	1/30/2008 16:31	7.53	44.273	28.27	9.08	7.64	6.2	2.33
493	1/30/2008 16:46	7.55	44.419	28.37	9.04	7.64	17.6	2.34
494	1/30/2008 17:01	7.56	44.575	28.48	9.04	7.64	6.1	2.36

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	1/30/2008 17:16	7.56	44.694	28.57	8.56	7.64	6.8	2.40
496	1/30/2008 17:31	7.55	44.794	28.64	9.01	7.64	4.3	2.40
497	1/30/2008 17:46	7.55	44.862	28.69	9.07	7.65	4.6	2.44
498	1/30/2008 18:01	7.56	44.957	28.75	9.07	7.65	4.7	2.46
499	1/30/2008 18:16	7.57	44.976	28.77	9.07	7.65	4.3	2.47
500	1/30/2008 18:31	7.57	44.951	28.75	8.94	7.64	2.9	2.51
501	1/30/2008 18:46	7.58	45.010	28.79	8.94	7.64	3.8	2.51
502	1/30/2008 19:01	7.57	44.970	28.76	8.85	7.63	2.4	2.52
503	1/30/2008 19:16	7.59	45.039	28.81	8.85	7.63	3.6	2.51
504	1/30/2008 19:31	7.6	45.070	28.84	8.82	7.63	4.8	2.49
505	1/30/2008 19:46	7.58	45.007	28.79	8.88	7.64	3.9	2.48
506	1/30/2008 20:01	7.57	44.985	28.77	9.04	7.65	5.5	2.48
507	1/30/2008 20:16	7.54	44.861	28.68	9	7.64	4.7	2.42
508	1/30/2008 20:31	7.53	44.299	28.29	9.09	7.64	5.8	2.41
509	1/30/2008 20:46	7.53	44.355	28.33	8.99	7.63	5.5	2.38
510	1/30/2008 21:01	7.53	44.126	28.17	9.04	7.64	5.4	2.36
511	1/30/2008 21:16	7.54	44.230	28.24	9.06	7.64	6.1	2.33
512	1/30/2008 21:31	7.52	44.176	28.2	9.17	7.65	6.1	2.33
513	1/30/2008 21:46	7.52	44.180	28.2	9.09	7.64	4.1	2.28
514	1/30/2008 22:01	7.45	43.785	27.92	9.09	7.63	5.5	2.26
515	1/30/2008 22:16	7.4	43.756	27.89	9.08	7.63	5.5	2.28
516	1/30/2008 22:31	7.39	43.442	27.67	8.97	7.61	3.4	2.26
517	1/30/2008 22:46	7.42	43.528	27.74	9.03	7.62	4.9	2.26
518	1/30/2008 23:01	7.43	43.321	27.59	9.1	7.63	4.5	2.26
519	1/30/2008 23:16	7.49	43.830	27.95	9.12	7.64	5.9	2.26
520	1/30/2008 23:31	7.48	43.602	27.79	9.16	7.63	6.6	2.26
521	1/30/2008 23:46	7.52	44.256	28.26	9.14	7.64	5.4	2.29
522	1/31/2008 00:01	7.54	44.194	28.21	9.1	7.64	6.1	2.30
523	1/31/2008 00:16	7.56	44.460	28.4	9.09	7.64	5.7	2.32
524	1/31/2008 00:31	7.54	43.938	28.03	9.15	7.64	6.0	2.35
525	1/31/2008 00:46	7.61	44.564	28.48	9.11	7.65	6.9	2.41
526	1/31/2008 01:01	7.62	44.029	28.1	9.17	7.65	7.1	2.45
527	1/31/2008 01:16	7.61	43.890	28.01	9.22	7.65	6.9	2.50
528	1/31/2008 01:31	7.56	43.691	27.86	9.29	7.65	7.6	2.54
529	1/31/2008 01:46	7.6	43.969	28.06	9.27	7.66	7.2	2.57
530	1/31/2008 02:01	7.62	43.969	28.06	9.29	7.66	7.7	2.65
531	1/31/2008 02:16	7.71	44.178	28.22	9.3	7.67	7.2	2.71
532	1/31/2008 02:31	7.72	44.005	28.1	9.35	7.67	7.5	2.78
533	1/31/2008 02:46	7.81	44.393	28.38	9.33	7.68	7.6	2.82
534	1/31/2008 03:01	7.89	44.679	28.58	9.36	7.69	8.2	2.86
535	1/31/2008 03:16	8.04	45.524	29.19	9.34	7.7	7.9	2.94
536	1/31/2008 03:31	8.03	45.427	29.12	9.38	7.7	8.1	3.01
537	1/31/2008 03:46	8.15	45.708	29.33	9.42	7.71	6.9	3.04
538	1/31/2008 04:01	8.22	46.035	29.57	9.46	7.72	8.0	3.07
539	1/31/2008 04:16	8.29	46.358	29.81	9.48	7.72	8.3	3.14

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	1/31/2008 04:31	8.3	46.379	29.82	9.53	7.73	6.6	3.17
541	1/31/2008 04:46	8.22	45.861	29.45	9.57	7.73	6.9	3.20
542	1/31/2008 05:01	8.37	46.566	29.96	9.54	7.74	5.7	3.26
543	1/31/2008 05:16	8.38	46.606	29.99	9.55	7.74	5.5	3.29
544	1/31/2008 05:31	8.39	46.614	30	9.54	7.74	4.3	3.31
545	1/31/2008 05:46	8.42	46.874	30.18	9.51	7.73	4.2	3.32
546	1/31/2008 06:01	8.4	46.870	30.18	9.48	7.74	6.7	3.31
547	1/31/2008 06:16	8.35	46.534	29.93	9.47	7.74	3.7	3.31
548	1/31/2008 06:31	8.28	46.296	29.76	9.55	7.74	7.2	3.28
549	1/31/2008 06:46	8.18	45.657	29.3	9.57	7.73	8.5	3.23
550	1/31/2008 07:01	8.26	45.139	28.94	9.5	7.73	9.9	3.21
551	1/31/2008 07:16	8.07	45.587	29.24	9.56	7.72	12.1	3.17
552	1/31/2008 07:31	8.07	44.679	28.6	9.58	7.72	10.8	3.11
553	1/31/2008 07:46	8.03	44.152	28.22	9.55	7.71	12.3	3.05
554	1/31/2008 08:01	8	43.855	28.01	9.5	7.7	15.2	3.01
555	1/31/2008 08:16	8.03	45.139	28.92	9.38	7.69		2.94
556	1/31/2008 08:31	8.07	45.488	29.17	9.37	7.69	17.1	2.85
557	1/31/2008 08:46	7.8	43.912	28.04	9.44	7.68	21.8	2.81
558	1/31/2008 09:01	7.83	44.023	28.12	9.44	7.68	18.3	2.75
559	1/31/2008 09:16	7.77	43.431	27.7	9.49	7.68	16.8	2.67
560	1/31/2008 09:31	7.75	43.362	27.64	9.48	7.67	17.1	2.61
561	1/31/2008 09:46	7.7	43.305	27.6	9.47	7.67	17.3	2.52
562	1/31/2008 10:01	7.75	43.763	27.93	9.43	7.67	19.9	2.45
563	1/31/2008 10:16	7.74	43.621	27.83	9.45	7.67	18.8	2.35
564	1/31/2008 10:31	7.76	43.481	27.73	9.43	7.67	17.9	2.26
565	1/31/2008 10:46	7.69	43.050	27.42	9.49	7.67	18.2	2.19
566	1/31/2008 11:01	7.6	43.378	27.64	9.47	7.66	19.9	2.08
567	1/31/2008 11:16	7.6	42.594	27.09	9.52	7.66	18.7	2.03
568	1/31/2008 11:31	7.6	42.676	27.15	9.5	7.66	17.9	1.94
569	1/31/2008 11:46	7.56	43.067	27.42	9.46	7.66	19.0	1.86
570	1/31/2008 12:01	7.53	43.524	27.74	9.34	7.64	19.8	1.79
571	1/31/2008 12:16	7.57	42.577	27.08	9.41	7.65	11.8	1.74
572	1/31/2008 12:31	7.62	41.696	26.47	9.58	7.67	11.1	1.73
573	1/31/2008 12:46	7.56	42.568	27.07	9.3	7.64	12.4	1.66
574	1/31/2008 13:01	7.5	42.652	27.13	9.19	7.62	10.2	1.64
575	1/31/2008 13:16	7.55	42.538	27.05	9.32	7.64	12.6	1.66
576	1/31/2008 13:31	7.59	42.313	26.9	9.47	7.65	10.8	1.64
577	1/31/2008 13:46	7.55	42.206	26.82	9.47	7.65	11.3	1.65
578	1/31/2008 14:01	7.57	41.993	26.67	9.5	7.65	11.8	1.67
579	1/31/2008 14:16	7.52	42.378	26.94	9.46	7.64	14.3	1.69
580	1/31/2008 14:31	7.48	41.857	26.57	9.52	7.64	13.5	1.75
581	1/31/2008 14:46	7.55	41.447	26.29	9.49	7.64	14.4	1.78
582	1/31/2008 15:01	7.53	42.014	26.68	9.43	7.64	11.8	1.81
583	1/31/2008 15:16	7.52	42.499	27.02	9.39	7.64	9.4	1.86
584	1/31/2008 15:31	7.55	42.132	26.77	9.44	7.64	11.8	1.89

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	1/31/2008 15:46	7.56	42.272	26.87	9.39	7.64	11.2	1.93
586	1/31/2008 16:01	7.54	41.547	26.36	9.48	7.64	12.7	2.00
587	1/31/2008 16:16	7.56	42.308	26.89	9.37	7.64	9.5	2.01
588	1/31/2008 16:31	7.55	42.708	27.17	9.36	7.64	9.9	2.07
589	1/31/2008 16:46	7.57	42.591	27.09	9.4	7.64	10.2	2.12
590	1/31/2008 17:01	7.57	42.515	27.04	9.36	7.64	9.9	2.16
591	1/31/2008 17:16	7.58	42.587	27.09	9.36	7.64	9.6	2.21
592	1/31/2008 17:31	7.58	42.618	27.11	9.35	7.64	9.6	2.26
593	1/31/2008 17:46	7.59	42.744	27.2	9.37	7.64	8.6	2.32
594	1/31/2008 18:01	7.61	42.777	27.22	9.35	7.64	9.0	2.34
595	1/31/2008 18:16	7.64	42.855	27.28	9.34	7.65	8.2	2.39
596	1/31/2008 18:31	7.67	42.944	27.35	9.39	7.65	8.5	2.43
597	1/31/2008 18:46	7.66	42.928	27.33	9.39	7.65	8.2	2.47
598	1/31/2008 19:01	7.67	43.111	27.46	9.35	7.65	6.6	2.50
599	1/31/2008 19:16	7.64	43.129	27.47	9.3	7.64	8.0	2.51
600	1/31/2008 19:31	7.6	42.216	26.83	9.34	7.64	7.8	2.55
601	1/31/2008 19:46	7.61	42.475	27.01	9.32	7.64	8.9	2.55
602	1/31/2008 20:01	7.64	42.642	27.13	9.26	7.64	7.0	2.55
603	1/31/2008 20:16	7.62	42.524	27.05	9.32	7.64	9.9	2.59
604	1/31/2008 20:31	7.61	42.727	27.19	9.26	7.64	8.6	2.57
605	1/31/2008 20:46	7.61	42.689	27.16	9.29	7.64	7.7	2.58
606	1/31/2008 21:01	7.6	42.443	26.99	9.42	7.65	9.6	2.55
607	1/31/2008 21:16	7.6	42.559	27.07	9.28	7.64	7.2	2.55
608	1/31/2008 21:31	7.6	42.357	26.93	9.32	7.64	7.1	2.53
609	1/31/2008 21:46	7.59	42.715	27.18	9.26	7.63	9.0	2.50
610	1/31/2008 22:01	7.54	42.067	26.72	9.36	7.64	9.0	2.49
611	1/31/2008 22:16	7.51	41.562	26.36	9.43	7.64	10.7	2.48
612	1/31/2008 22:31	7.5	40.913	25.91	9.45	7.64	11.1	2.45
613	1/31/2008 22:46	7.51	41.547	26.35	9.41	7.64	12.7	2.43
614	1/31/2008 23:01	7.48	41.988	26.66	9.36	7.63	9.1	2.43
615	1/31/2008 23:16	7.49	42.012	26.68	9.29	7.63	7.7	2.40
616	1/31/2008 23:31	7.48	42.107	26.74	9.3	7.63	6.8	2.39
617	1/31/2008 23:46	7.46	42.270	26.86	9.25	7.62	7.1	2.39
618	2/1/2008 00:01	7.45	41.959	26.64	9.3	7.62	7.1	2.40
619	2/1/2008 00:16	7.44	41.764	26.5	9.13	7.61	5.0	2.40
620	2/1/2008 00:31	7.49	41.924	26.62	9.39	7.63	12.9	2.42
621	2/1/2008 00:46	7.47	42.036	26.69	9.4	7.63	12.4	2.43
622	2/1/2008 01:01	7.51	41.955	26.64	9.33	7.63	9.2	2.45
623	2/1/2008 01:16	7.46	41.938	26.62	9.42	7.63	10.5	2.46
624	2/1/2008 01:31	7.52	42.337	26.91	9.33	7.63	10.0	2.50
625	2/1/2008 01:46	7.55	42.681	27.15	9.26	7.63	9.7	2.52
626	2/1/2008 02:01	7.6	42.832	27.26	9.28	7.64	9.7	2.56
627	2/1/2008 02:16	7.64	43.059	27.42	9.28	7.64	8.6	2.60
628	2/1/2008 02:31	7.66	43.086	27.44	9.32	7.64	12.2	2.63
629	2/1/2008 02:46	7.66	43.044	27.41	9.33	7.65	11.9	2.70

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
630	2/1/2008 03:01	7.71	43.377	27.65	9.34	7.65	10.6	2.71
631	2/1/2008 03:16	7.71	43.412	27.68	9.38	7.66	14.8	2.78
632	2/1/2008 03:31	7.69	43.110	27.46	9.41	7.66	11.5	2.82
633	2/1/2008 03:46	7.72	43.263	27.57	9.43	7.66	8.3	2.85
634	2/1/2008 04:01	7.82	43.976	28.08	9.43	7.67	8.8	2.93
635	2/1/2008 04:16	7.9	44.293	28.31	9.49	7.69	12.1	3.01
636	2/1/2008 04:31	7.92	44.452	28.43	9.52	7.69	13.5	3.06
637	2/1/2008 04:46	8.07	44.924	28.77	9.53	7.7	11.5	3.11
638	2/1/2008 05:01	8.07	44.919	28.77	9.57	7.71	12.5	3.15
639	2/1/2008 05:16	8.06	44.866	28.73	9.52	7.7	9.9	3.21
640	2/1/2008 05:31	8.07	44.834	28.71	9.52	7.7	9.9	3.25
641	2/1/2008 05:46	8.07	44.757	28.65	9.48	7.7	8.2	3.24
642	2/1/2008 06:01	7.9	44.125	28.19	9.44	7.68	10.2	3.34
643	2/1/2008 06:16	7.95	44.456	28.43	9.34	7.68	5.5	3.36
644	2/1/2008 06:31	8	44.816	28.69	9.33	7.68	5.8	3.31
645	2/1/2008 06:46	8.02	44.816	28.69	9.33	7.69	6.6	3.34
646	2/1/2008 07:01	8.05	44.958	28.79	9.42	7.69	8.0	3.32
647	2/1/2008 07:16	8.1	45.087	28.89	9.41	7.7	12.3	3.31
648	2/1/2008 07:31	8	44.404	28.4	9.44	7.69	10.8	3.36
649	2/1/2008 07:46	8.01	43.906	28.05	9.48	7.69	8.8	3.32
650	2/1/2008 08:01	7.78	42.294	26.9	9.43	7.65	11.1	3.27
651	2/1/2008 08:16	7.79	42.485	27.03	9.36	7.65	11.6	3.19
652	2/1/2008 08:31	7.73	42.608	27.11	9.27	7.64	13.5	3.17
653	2/1/2008 08:46	7.79	43.426	27.69	9.36	7.66	14.6	3.13
654	2/1/2008 09:01	7.68	42.259	26.87	9.44	7.65	19.8	3.07
655	2/1/2008 09:16	7.65	42.296	26.89	9.4	7.64	21.0	3.00
656	2/1/2008 09:31	7.63	42.443	26.99	9.35	7.64	23.6	2.92
657	2/1/2008 09:46	7.57	41.373	26.24	9.42	7.63	18.5	2.84
658	2/1/2008 10:01	7.61	41.941	26.64	9.34	7.63	15.2	2.75
659	2/1/2008 10:16	7.51	39.829	25.16	9.5	7.62	16.0	2.64
660	2/1/2008 10:31	7.51	39.863	25.18	9.56	7.62	15.6	2.54
661	2/1/2008 10:46	7.48	39.948	25.24	9.52	7.62	15.3	2.50
662	2/1/2008 11:01	7.5	40.899	25.9	9.47	7.62	12.9	2.38
663	2/1/2008 11:16	7.51	40.469	25.6	9.58	7.63	13.5	2.29
664	2/1/2008 11:31	7.54	40.464	25.6	9.67	7.63	13.0	2.21
665	2/1/2008 11:46	7.54	40.490	25.62	9.67	7.63	15.1	2.12
666	2/1/2008 12:01	7.53	40.511	25.63	9.66	7.63	12.8	2.00
667	2/1/2008 12:16	7.61	40.492	25.63	9.82	7.65	12.8	1.92
668	2/1/2008 12:31	7.51	40.383	25.54	9.73	7.64	13.4	1.82
669	2/1/2008 12:46	7.61	40.281	25.48	9.81	7.65	12.2	1.74
670	2/1/2008 13:01	7.62	40.005	25.29	9.88	7.66	10.1	1.67
671	2/1/2008 13:16	7.51	39.968	25.26	9.71	7.63	11.0	1.62
672	2/1/2008 13:31	7.47	39.946	25.24	9.58	7.62	9.1	1.56
673	2/1/2008 13:46	7.7	39.731	25.1	9.78	7.66	10.2	1.49
674	2/1/2008 14:01	7.68	39.561	24.98	9.78	7.65	5.7	1.54

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	2/1/2008 14:16	7.83	39.261	24.79	9.96	7.67	8.5	1.49
676	2/1/2008 14:31	7.78	39.201	24.74	10	7.66	10.5	1.45
677	2/1/2008 14:46	7.7	39.155	24.7	9.84	7.65	8.6	1.51
678	2/1/2008 15:01	7.78	39.549	24.98	9.93	7.66	10.2	1.52
679	2/1/2008 15:16	7.68	39.013	24.6	9.91	7.65	9.0	1.57
680	2/1/2008 15:31	7.56	39.193	24.72	9.76	7.63	8.5	1.56
681	2/1/2008 15:46	7.54	39.313	24.8	9.71	7.63	8.5	1.64
682	2/1/2008 16:01	7.6	39.398	24.87	9.79	7.63	10.2	1.66
683	2/1/2008 16:16	7.56	39.397	24.86	9.72	7.62	11.3	1.71
684	2/1/2008 16:31	7.51	39.877	25.19	9.61	7.62	15.4	1.78
685	2/1/2008 16:46	7.54	39.187	24.72	9.64	7.61	20.8	1.83
686	2/1/2008 17:01	7.55	39.639	25.03	9.58	7.61	9.0	1.85
687	2/1/2008 17:16	7.53	39.544	24.96	9.53	7.6	11.2	1.94
688	2/1/2008 17:31	7.51	39.747	25.1	9.48	7.6	11.5	2.02
689	2/1/2008 17:46	7.52	39.628	25.02	9.47	7.59	11.7	2.05
690	2/1/2008 18:01	7.51	39.565	24.98	9.46	7.59	12.6	2.12
691	2/1/2008 18:16	7.49	39.500	24.93	9.48	7.59	12.0	2.19
692	2/1/2008 18:31	7.48	39.181	24.71	9.48	7.59	11.6	2.23
693	2/1/2008 18:46	7.47	39.459	24.9	9.46	7.59	10.5	2.29
694	2/1/2008 19:01	7.48	39.645	25.03	9.43	7.59	10.8	2.36
695	2/1/2008 19:16	7.5	39.047	24.62	9.43	7.6	10.8	2.38
696	2/1/2008 19:31	7.51	39.970	25.26	9.4	7.6	11.5	2.44
697	2/1/2008 19:46	7.51	39.785	25.13	9.43	7.6	11.2	2.48
698	2/1/2008 20:01	7.51	39.774	25.12	9.44	7.61	10.4	2.53
699	2/1/2008 20:16	7.55	40.422	25.57	9.42	7.61	10.5	2.58
700	2/1/2008 20:31	7.6	40.700	25.77	9.39	7.62	7.4	2.61
701	2/1/2008 20:46	7.63	40.675	25.75	9.38	7.62	8.7	2.64
702	2/1/2008 21:01	7.69	40.994	25.98	9.38	7.63	8.0	2.64
703	2/1/2008 21:16	7.62	40.976	25.96	9.23	7.61	6.5	2.65
704	2/1/2008 21:31	7.54	40.254	25.46	9.31	7.6	7.3	2.70
705	2/1/2008 21:46	7.54	40.161	25.39	9.22	7.59	6.2	2.73
706	2/1/2008 22:01	7.57	40.581	25.69	9.29	7.61	7.3	2.66
707	2/1/2008 22:16	7.64	40.265	25.47	9.45	7.62	9.0	2.67
708	2/1/2008 22:31	7.6	40.713	25.78	9.28	7.6	6.7	2.66
709	2/1/2008 22:46	7.57	40.378	25.54	9.36	7.61	8.5	2.61
710	2/1/2008 23:01	7.62	40.349	25.53	9.43	7.61	9.9	2.63
711	2/1/2008 23:16	7.59	40.526	25.65	9.39	7.61	8.3	2.59
712	2/1/2008 23:31	7.54	40.281	25.48	9.3	7.6	8.6	2.54
713	2/1/2008 23:46	7.53	40.091	25.34	9.34	7.6	9.3	2.52
714	2/2/2008 00:01	7.54	39.399	24.86	9.35	7.59	8.3	2.50
715	2/2/2008 00:16	7.5	38.346	24.13	9.39	7.58	8.4	2.46
716	2/2/2008 00:31	7.47	37.732	23.7	9.41	7.57	8.5	2.47
717	2/2/2008 00:46	7.5	37.299	23.41	9.44	7.57	8.3	2.46
718	2/2/2008 01:01	7.49	37.598	23.61	9.4	7.57	8.4	2.42
719	2/2/2008 01:16	7.49	38.147	23.99	9.28	7.56	7.2	2.42

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	2/2/2008 01:31	7.5	39.509	24.94	9.2	7.58	6.8	2.44
721	2/2/2008 01:46	7.53	39.416	24.87	9.3	7.58	8.0	2.41
722	2/2/2008 02:01	7.51	39.914	25.22	9.3	7.59	7.7	2.43
723	2/2/2008 02:16	7.5	39.838	25.16	9.33	7.59	7.4	2.46
724	2/2/2008 02:31	7.5	39.552	24.97	9.37	7.59	9.3	2.50
725	2/2/2008 02:46	7.61	40.571	25.68	9.34	7.61	9.9	2.50
726	2/2/2008 03:01	7.63	40.566	25.68	9.33	7.6	9.0	2.51
727	2/2/2008 03:16	7.7	40.985	25.98	9.37	7.62	10.4	2.57
728	2/2/2008 03:31	7.69	40.375	25.55	9.43	7.62	12.3	2.63
729	2/2/2008 03:46	7.78	40.990	25.99	9.44	7.63	10.3	2.67
730	2/2/2008 04:01	7.91	41.623	26.44	9.46	7.65	13.2	2.72
731	2/2/2008 04:16	7.93	41.635	26.45	9.51	7.65	10.8	2.77
732	2/2/2008 04:31	7.98	41.752	26.53	9.56	7.66	11.5	2.82
733	2/2/2008 04:46	8.14	42.600	27.14	9.63	7.68	11.1	2.87
734	2/2/2008 05:01	8.31	43.392	27.71	9.72	7.7	11.7	2.94
735	2/2/2008 05:16	8.38	43.742	27.96	9.76	7.71	11.0	3.00
736	2/2/2008 05:31	8.46	44.125	28.23	9.81	7.72	10.7	3.03
737	2/2/2008 05:46	8.42	43.675	27.91	9.84	7.72	12.4	3.09
738	2/2/2008 06:01	8.39	43.359	27.69	9.81	7.71	13.0	3.13
739	2/2/2008 06:16	8.46	43.640	27.89	9.8	7.72	13.3	3.19
740	2/2/2008 06:31	8.54	44.229	28.31	9.81	7.73	12.6	3.24
741	2/2/2008 06:46	8.59	44.574	28.56	9.8	7.73	10.6	3.26
742	2/2/2008 07:01	8.52	43.753	27.98	9.81	7.72	11.8	3.32
743	2/2/2008 07:16	8.64	44.652	28.62	9.79	7.73	9.1	3.32
744	2/2/2008 07:31	8.62	44.526	28.53	9.77	7.73	9.4	3.36
745	2/2/2008 07:46	8.58	44.646	28.61	9.63	7.72	12.9	3.36
746	2/2/2008 08:01	8.57	44.598	28.58	9.47	7.71	8.8	3.34
747	2/2/2008 08:16	8.62	44.804	28.73	9.74	7.73	9.3	3.33
748	2/2/2008 08:31	8.62	44.489	28.5	9.8	7.73	9.5	3.29
749	2/2/2008 08:46	8.54	43.952	28.12	9.72	7.72	9.6	3.27
750	2/2/2008 09:01	8.56	44.229	28.32	9.73	7.72	8.8	3.22
751	2/2/2008 09:16	8.44	43.235	27.61	9.75	7.71	10.2	3.15
752	2/2/2008 09:31	8.37	43.078	27.49	9.82	7.72	10.5	3.09
753	2/2/2008 09:46	8.44	43.435	27.75	9.77	7.71	11.0	3.02
754	2/2/2008 10:01	8.08	41.831	26.59	9.85	7.69	16.8	2.96
755	2/2/2008 10:16	7.96	40.887	25.93	9.74	7.67	18.6	2.85
756	2/2/2008 10:31	7.94	40.898	25.93	9.72	7.67	18.3	2.78
757	2/2/2008 10:46	7.66	37.523	23.57	9.81	7.63	18.4	2.72
758	2/2/2008 11:01	7.75	38.676	24.38	9.81	7.64	16.8	2.62
759	2/2/2008 11:16	7.84	40.247	25.47	9.74	7.66	16.2	2.53
760	2/2/2008 11:31	7.9	40.507	25.66	9.74	7.67	16.2	2.43
761	2/2/2008 11:46	7.66	39.949	25.25	9.62	7.62	20.0	2.34
762	2/2/2008 12:01	7.62	39.581	24.99	9.66	7.62	19.1	2.23
763	2/2/2008 12:16	7.66	39.781	25.14	9.63	7.63	16.8	2.13
764	2/2/2008 12:31	7.61	39.359	24.84	9.73	7.63	16.9	2.04

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	2/2/2008 12:46	7.61	39.182	24.72	9.74	7.63	16.5	1.93
766	2/2/2008 13:01	7.63	38.993	24.59	9.82	7.64	18.7	1.82
767	2/2/2008 13:16	7.55	38.417	24.18	9.75	7.62	17.0	1.74
768	2/2/2008 13:31	7.54	38.441	24.2	9.78	7.62	17.6	1.64
769	2/2/2008 13:46	7.53	38.381	24.16	9.8	7.63	16.3	1.58
770	2/2/2008 14:01	7.51	38.327	24.12	9.8	7.63	19.1	1.51
771	2/2/2008 14:16	7.46	38.187	24.02	9.7	7.61	15.5	1.43
772	2/2/2008 14:31	7.45	38.181	24.01	9.7	7.61	17.2	1.38
773	2/2/2008 14:46	7.46	38.187	24.02	9.64	7.6	15.5	1.37
774	2/2/2008 15:01	7.47	38.163	24	9.6	7.6	14.1	1.37
775	2/2/2008 15:16	7.56	38.082	23.95	9.68	7.61	12.3	1.35
776	2/2/2008 15:31	7.52	38.220	24.04	9.71	7.61	11.4	1.38
777	2/2/2008 15:46	7.52	38.707	24.38	9.62	7.61	11.8	1.40
778	2/2/2008 16:01	7.52	38.286	24.09	9.69	7.61	13.0	1.44
779	2/2/2008 16:16	7.53	38.582	24.3	9.61	7.6	10.5	1.46
780	2/2/2008 16:31	7.55	38.383	24.16	9.63	7.6	20.4	1.55
781	2/2/2008 16:46	7.54	38.109	23.97	9.65	7.59	14.1	1.59
782	2/2/2008 17:01	7.55	37.947	23.86	9.64	7.59	13.8	1.63
783	2/2/2008 17:16	7.55	37.626	23.64	9.65	7.58	11.8	1.70
784	2/2/2008 17:31	7.58	37.672	23.67	9.66	7.59	12.3	1.77
785	2/2/2008 17:46	7.59	37.384	23.47	9.68	7.59	12.9	1.85
786	2/2/2008 18:01	7.58	37.290	23.41	9.68	7.59	14.4	1.91
787	2/2/2008 18:16	7.57	37.220	23.36	9.73	7.6	13.9	1.96
788	2/2/2008 18:31	7.55	37.509	23.56	9.72	7.6	13.8	2.03
789	2/2/2008 18:46	7.59	37.526	23.57	9.73	7.6	13.2	2.10
790	2/2/2008 19:01	7.58	37.082	23.26	9.79	7.61	18.4	2.17
791	2/2/2008 19:16	7.69	36.942	23.17	9.81	7.61	20.5	2.23
792	2/2/2008 19:31	7.72	37.361	23.47	9.8	7.62	16.8	2.30
793	2/2/2008 19:46	7.73	37.743	23.73	9.79	7.63	16.6	2.37
794	2/2/2008 20:01	7.8	37.661	23.68	9.82	7.63	23.8	2.43
795	2/2/2008 20:16	7.86	38.524	24.28	9.8	7.64	15.1	2.50
796	2/2/2008 20:31	7.89	38.834	24.49	9.77	7.65	13.1	2.56
797	2/2/2008 20:46	7.93	39.216	24.76	9.76	7.65	13.2	2.65
798	2/2/2008 21:01	7.99	39.684	25.09	9.75	7.66	13.0	2.70
799	2/2/2008 21:16	8	40.053	25.35	9.72	7.66	12.7	2.72
800	2/2/2008 21:31	8.02	40.319	25.53	9.7	7.66	10.1	2.76
801	2/2/2008 21:46	8.04	40.523	25.68	9.66	7.66	8.3	2.82
802	2/2/2008 22:01	8.04	40.558	25.7	9.59	7.66	10.2	2.84
803	2/2/2008 22:16	8.08	40.760	25.85	9.69	7.67	11.2	2.85
804	2/2/2008 22:31	8.08	40.701	25.8	9.69	7.67	11.8	2.85
805	2/2/2008 22:46	8.05	40.491	25.66	9.71	7.67	12.2	2.84
806	2/2/2008 23:01	8.02	40.151	25.42	9.65	7.66	9.3	2.83
807	2/2/2008 23:16	7.95	39.656	25.07	9.69	7.65	10.5	2.79
808	2/2/2008 23:31	7.91	39.423	24.9	9.7	7.65	11.5	2.77
809	2/2/2008 23:46	7.88	39.154	24.71	9.69	7.64	11.6	2.71

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	2/3/2008 00:01	7.83	38.748	24.43	9.64	7.64	14.6	2.70
811	2/3/2008 00:16	7.73	38.177	24.03	9.66	7.62	12.4	2.65
812	2/3/2008 00:31	7.73	38.256	24.08	9.65	7.62	12.5	2.61
813	2/3/2008 00:46	7.74	38.292	24.11	9.62	7.62	12.3	2.57
814	2/3/2008 01:01	7.67	38.058	23.94	9.66	7.62	12.4	2.53
815	2/3/2008 01:16	7.67	38.106	23.98	9.65	7.62	11.3	2.53
816	2/3/2008 01:31	7.68	38.090	23.97	9.66	7.62	12.4	2.49
817	2/3/2008 01:46	7.69	38.184	24.03	9.6	7.62	10.5	2.50
818	2/3/2008 02:01	7.71	38.359	24.15	9.55	7.62	10.6	2.49
819	2/3/2008 02:16	7.71	38.461	24.22	9.48	7.61	8.1	2.49
820	2/3/2008 02:31	7.66	38.195	24.04	9.48	7.61	9.8	2.49
821	2/3/2008 02:46	7.69	38.203	24.04	9.51	7.61	8.9	2.47
822	2/3/2008 03:01	7.69	38.223	24.06	9.54	7.61	9.3	2.49
823	2/3/2008 03:16	7.66	38.163	24.01	9.64	7.62	10.5	2.52
824	2/3/2008 03:31	7.65	38.162	24.01	9.65	7.62	10.9	2.54
825	2/3/2008 03:46	7.68	38.238	24.07	9.59	7.62	9.3	2.56
826	2/3/2008 04:01	7.71	38.349	24.15	9.59	7.62	10.2	2.61
827	2/3/2008 04:16	7.71	38.361	24.15	9.61	7.62	11.2	2.64
828	2/3/2008 04:31	7.69	38.249	24.08	9.64	7.62	10.8	2.67
829	2/3/2008 04:46	7.72	38.348	24.15	9.63	7.62	10.1	2.73
830	2/3/2008 05:01	7.87	39.365	24.86	9.6	7.64	12.7	2.79
831	2/3/2008 05:16	7.9	39.580	25.01	9.63	7.65	9.7	2.83
832	2/3/2008 05:31	8.06	40.530	25.68	9.59	7.66	20.9	2.91
833	2/3/2008 05:46	8.13	41.076	26.07	9.61	7.68	11.6	2.95
834	2/3/2008 06:01	8.09	40.879	25.93	9.65	7.68	9.1	3.02
835	2/3/2008 06:16	8.17	41.468	26.35	9.62	7.69	10.0	3.07
836	2/3/2008 06:31	8.1	41.159	26.13	9.65	7.69	12.1	3.12
837	2/3/2008 06:46	8.24	41.779	26.57	9.63	7.7	8.5	3.21
838	2/3/2008 07:01	8.3	42.302	26.94	9.63	7.71	9.1	3.25
839	2/3/2008 07:16	8.28	42.252	26.9	9.6	7.72	7.4	3.29
840	2/3/2008 07:31	8.29	41.895	26.65	9.56	7.7	7.8	3.36
841	2/3/2008 07:46	8.45	43.017	27.45	9.56	7.73	6.6	3.38
842	2/3/2008 08:01	8.37	42.544	27.11	9.49	7.71	6.6	3.40
843	2/3/2008 08:16	8.38	42.527	27.1	9.46	7.71	6.5	3.45
844	2/3/2008 08:31	8.35	42.530	27.1	9.51	7.71	7.6	3.44
845	2/3/2008 08:46	8.2	41.607	26.45	9.58	7.7	8.3	3.44
846	2/3/2008 09:01	8.31	42.222	26.88	9.52	7.7	7.5	3.42
847	2/3/2008 09:16	8.16	41.104	26.09	9.57	7.68	8.6	3.39
848	2/3/2008 09:31	7.86	40.021	25.32	9.62	7.67	9.6	3.37
849	2/3/2008 09:46	7.84	39.560	24.99	9.68	7.66	9.7	3.30
850	2/3/2008 10:01	7.86	39.632	25.04	9.67	7.66	8.7	3.23
851	2/3/2008 10:16	7.85	39.538	24.98	9.74	7.67	11.0	3.16
852	2/3/2008 10:31	7.9	39.574	25.01	9.75	7.67	10.1	3.08
853	2/3/2008 10:46	7.94	39.183	24.74	9.81	7.68	9.7	3.00
854	2/3/2008 11:01	7.92	39.533	24.98	9.85	7.67	8.8	2.91

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	2/3/2008 11:16	7.86	38.969	24.59	9.84	7.67	9.4	2.83
856	2/3/2008 11:31	7.82	38.544	24.29	9.83	7.66	11.0	2.71
857	2/3/2008 11:46	7.75	38.280	24.1	9.81	7.65	11.0	2.63
858	2/3/2008 12:01	7.72	38.105	23.98	9.79	7.64	12.1	2.54
859	2/3/2008 12:16	7.78	38.111	23.99	9.76	7.64	16.3	2.42
860	2/3/2008 12:31	7.81	37.600	23.63	9.83	7.64	13.5	2.33
861	2/3/2008 12:46	8.04	36.547	22.92	10.19	7.68	16.0	2.20
862	2/3/2008 13:01	8.08	36.516	22.9	10.23	7.69	18.4	2.09
863	2/3/2008 13:16	8.1	35.558	22.25	10.41	7.68	18.0	1.96
864	2/3/2008 13:31	8.24	35.082	21.93	10.45	7.7	19.2	1.84
865	2/3/2008 13:46	8.35	34.569	21.58	10.48	7.7	21.7	1.73
866	2/3/2008 14:01	8.38	33.934	21.15	10.37	7.69	25.2	1.61
867	2/3/2008 14:16	8.38	33.789	21.05	10.27	7.68	28.4	1.49
868	2/3/2008 14:31	8.36	33.742	21.02	10.14	7.66	32.2	1.38
869	2/3/2008 14:46	8.37	33.654	20.96	10.13	7.67	30.4	1.31
870	2/3/2008 15:01	8.34	33.773	21.04	10.02	7.65	33.6	1.21
871	2/3/2008 15:16	8.37	33.583	20.91	9.93	7.64	22.0	1.19
872	2/3/2008 15:31	8.23	33.621	20.93	9.69	7.59	24.7	1.16
873	2/3/2008 15:46	8.33	33.656	20.96	9.92	7.62	24.8	1.14
874	2/3/2008 16:01	8.24	33.558	20.89	9.91	7.61	22.3	1.15
875	2/3/2008 16:16	8.21	33.418	20.79	9.8	7.59	22.9	1.18
876	2/3/2008 16:31	8.2	33.561	20.89	9.84	7.59	24.0	1.22
877	2/3/2008 16:46	8.24	32.820	20.38	9.86	7.58	21.3	1.23
878	2/3/2008 17:01	8.22	33.229	20.66	9.78	7.58	23.1	1.29
879	2/3/2008 17:16	8.19	32.734	20.32	9.79	7.58	23.4	1.36
880	2/3/2008 17:31	8.13	32.792	20.36	9.79	7.57	21.2	1.41
881	2/3/2008 17:46	8.18	32.431	20.12	9.8	7.55	23.1	1.49
882	2/3/2008 18:01	8.12	33.235	20.66	9.77	7.56	19.5	1.53
883	2/3/2008 18:16	8.06	33.613	20.92	9.75	7.57	19.7	1.62
884	2/3/2008 18:31	8.05	33.323	20.72	9.78	7.57	19.4	1.69
885	2/3/2008 18:46	8.03	34.984	21.85	9.71	7.58	18.7	1.77
886	2/3/2008 19:01	8.04	35.567	22.25	9.71	7.6	20.2	1.88
887	2/3/2008 19:16	8.05	35.597	22.27	9.75	7.6	19.9	1.95
888	2/3/2008 19:31	8.05	35.689	22.33	9.73	7.6	16.0	2.02
889	2/3/2008 19:46	8.05	36.203	22.69	9.73	7.61	17.4	2.11
890	2/3/2008 20:01	8.06	36.240	22.71	9.73	7.61	17.6	2.19
891	2/3/2008 20:16	8.05	36.622	22.98	9.73	7.62	16.0	2.26
892	2/3/2008 20:31	8.05	36.909	23.17	9.72	7.62	15.5	2.34
893	2/3/2008 20:46	8.05	36.930	23.19	9.71	7.62	15.7	2.41
894	2/3/2008 21:01	8.06	36.374	22.81	9.74	7.62	16.6	2.48
895	2/3/2008 21:16	8.07	37.511	23.59	9.68	7.63	14.5	2.54
896	2/3/2008 21:31	8.08	37.775	23.77	9.68	7.63	13.3	2.60
897	2/3/2008 21:46	8.09	37.917	23.87	9.67	7.63	12.5	2.65
898	2/3/2008 22:01	8.1	38.958	24.59	9.62	7.64	12.8	2.72
899	2/3/2008 22:16	8.12	39.552	25.01	9.58	7.65	14.4	2.76

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
900	2/3/2008 22:31	8.13	39.464	24.95	9.59	7.65	15.1	2.78
901	2/3/2008 22:46	8.13	39.624	25.06	9.59	7.65	13.0	2.81
902	2/3/2008 23:01	8.14	39.478	24.96	9.54	7.65	12.1	2.82
903	2/3/2008 23:16	8.18	39.799	25.18	9.53	7.66	9.3	2.84
904	2/3/2008 23:31	8.15	39.500	24.97	9.54	7.65	9.5	2.83
905	2/3/2008 23:46	8.14	39.643	25.07	9.55	7.65	10.3	2.80
906	2/4/2008 00:01	8.11	39.319	24.84	9.55	7.65	14.7	2.78
907	2/4/2008 00:16	8.1	39.119	24.7	9.59	7.65	20.2	2.74
908	2/4/2008 00:31	8.05	37.618	23.66	9.64	7.64	22.6	2.72
909	2/4/2008 00:46	7.97	36.083	22.6	9.66	7.61	25.3	2.64
910	2/4/2008 01:01	7.75	33.823	21.04	9.67	7.57	17.3	2.62
911	2/4/2008 01:16	7.95	36.480	22.87	9.63	7.61	17.6	2.57
912	2/4/2008 01:31	7.97	36.726	23.04	9.65	7.62	15.4	2.49
913	2/4/2008 01:46	7.9	36.307	22.75	9.63	7.61	14.9	2.46
914	2/4/2008 02:01	7.83	36.043	22.56	9.6	7.6	11.8	2.44
915	2/4/2008 02:16	7.9	36.353	22.78	9.56	7.61	12.3	2.40
916	2/4/2008 02:31	7.63	34.692	21.63	9.6	7.58	11.2	2.36
917	2/4/2008 02:46	7.62	34.556	21.54	9.56	7.57	11.0	2.35
918	2/4/2008 03:01	7.73	35.444	22.15	9.47	7.58	8.7	2.32
919	2/4/2008 03:16	7.67	35.084	21.9	9.44	7.57	10.2	2.30
920	2/4/2008 03:31	7.63	34.727	21.65	9.51	7.57	10.4	2.32
921	2/4/2008 03:46	7.73	35.012	21.85	9.6	7.58	11.5	2.33
922	2/4/2008 04:01	7.73	35.130	21.93	9.63	7.59	11.4	2.35
923	2/4/2008 04:16	7.77	34.969	21.83	9.65	7.59	11.2	2.34
924	2/4/2008 04:31	7.78	35.166	21.96	9.63	7.59	11.8	2.40
925	2/4/2008 04:46	7.98	36.985	23.22	9.54	7.61	13.8	2.43
926	2/4/2008 05:01	8.01	37.427	23.53	9.57	7.62	14.3	2.46
927	2/4/2008 05:16	8.03	37.516	23.59	9.59	7.63	18.9	2.51
928	2/4/2008 05:31	8.09	38.007	23.93	9.61	7.65	14.6	2.58
929	2/4/2008 05:46	8.18	38.709	24.42	9.61	7.66	20.1	2.64
930	2/4/2008 06:01	8.19	38.757	24.46	9.61	7.66	17.8	2.69
931	2/4/2008 06:16	8.32	39.682	25.11	9.58	7.68	14.1	2.79
932	2/4/2008 06:31	8.44	40.668	25.8	9.55	7.7	15.2	2.82
933	2/4/2008 06:46	8.53	41.323	26.27	9.54	7.71	19.5	2.91
934	2/4/2008 07:01	8.59	41.773	26.59	9.52	7.71	17.6	2.97
935	2/4/2008 07:16	8.47	40.554	25.73	9.57	7.7	14.1	3.04
936	2/4/2008 07:31	8.43	40.391	25.61	9.58	7.7	14.7	3.14
937	2/4/2008 07:46	8.64	41.863	26.65	9.54	7.73	14.9	3.19
938	2/4/2008 08:01	8.64	41.738	26.57	9.52	7.73	13.3	3.25
939	2/4/2008 08:16	8.83	43.134	27.56	9.45	7.74	14.7	3.32
940	2/4/2008 08:31	8.84	43.336	27.7	9.46	7.75	13.5	3.36
941	2/4/2008 08:46	8.89	43.942	28.13	9.41	7.75	11.0	3.39
942	2/4/2008 09:01	9	44.503	28.54	9.32	7.75	10.2	3.42
943	2/4/2008 09:16	8.91	44.163	28.29	9.29	7.75	8.3	3.44
944	2/4/2008 09:31	8.87	43.533	27.84	9.32	7.74	8.2	3.46

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
945	2/4/2008 09:46	8.94	44.214	28.33	9.32	7.75	9.9	3.44
946	2/4/2008 10:01	8.96	44.343	28.42	9.31	7.75	10.1	3.37
947	2/4/2008 10:16	8.86	42.743	27.29	9.41	7.74	12.8	3.37
948	2/4/2008 10:31	8.6	41.821	26.62	9.45	7.73	13.4	3.31
949	2/4/2008 10:46	8.2	37.733	23.75	9.61	7.68	15.5	3.23
950	2/4/2008 11:01	8.29	38.885	24.55	9.6	7.7	13.8	3.17
951	2/4/2008 11:16	8.59	41.530	26.42	9.5	7.72	22.7	3.07
952	2/4/2008 11:31	8.57	41.301	26.26	9.52	7.71	22.0	2.96
953	2/4/2008 11:46	8.41	39.502	24.99	9.62	7.69	17.8	2.86
954	2/4/2008 12:01	8.31	39.326	24.86	9.62	7.69	15.8	2.78
955	2/4/2008 12:16	8.3	39.605	25.05	9.59	7.69	16.5	2.67
956	2/4/2008 12:31	8.33	38.882	24.55	9.55	7.68	16.4	2.55
957	2/4/2008 12:46	8.37	38.358	24.19	9.61	7.68	19.8	2.47
958	2/4/2008 13:01	8.4	38.650	24.4	9.6	7.68	26.5	2.32
959	2/4/2008 13:16	8.46	37.501	23.6	9.83	7.69	22.5	2.21
960	2/4/2008 13:31	8.48	37.020	23.27	9.85	7.69	30.7	2.08
961	2/4/2008 13:46	8.51	36.354	22.82	10.03	7.7	28.4	1.96
962	2/4/2008 14:01	8.48	36.204	22.71	9.9	7.67	31.7	1.81
963	2/4/2008 14:16	8.61	36.215	22.73	9.97	7.7	32.6	1.67
964	2/4/2008 14:31	8.61	36.020	22.59	9.83	7.67	33.2	1.54
965	2/4/2008 14:46	8.57	35.729	22.39	9.76	7.64	33.8	1.43
966	2/4/2008 15:01	8.54	35.386	22.15	9.72	7.63	35.1	1.29
967	2/4/2008 15:16	8.53	35.193	22.02	9.69	7.61	34.7	1.19
968	2/4/2008 15:31	8.54	35.036	21.91	9.68	7.61	37.3	1.07
969	2/4/2008 15:46	8.56	34.781	21.74	9.68	7.6	39.1	1.00
970	2/4/2008 16:01	8.56	34.706	21.69	9.65	7.6	32.6	0.97
971	2/4/2008 16:16	8.55	34.784	21.74	9.6	7.6	26.2	0.94
972	2/4/2008 16:31	8.6	34.840	21.78	9.68	7.61	24.4	0.99
973	2/4/2008 16:46	8.5	34.779	21.73	9.66	7.6	23.8	1.02
974	2/4/2008 17:01	8.49	34.841	21.78	9.6	7.6	20.2	1.07
975	2/4/2008 17:16	8.54	35.040	21.92	9.57	7.6	25.6	1.08
976	2/4/2008 17:31	8.5	35.248	22.06	9.59	7.6	26.6	1.15
977	2/4/2008 17:46	8.46	35.170	22	9.62	7.61	18.7	1.20
978	2/4/2008 18:01	8.46	34.787	21.74	9.63	7.6	19.0	1.28
979	2/4/2008 18:16	8.48	35.138	21.98	9.59	7.6	18.2	1.34
980	2/4/2008 18:31	8.48	35.254	22.06	9.59	7.6	17.9	1.40
981	2/4/2008 18:46	8.49	35.389	22.15	9.57	7.6	19.8	1.47
982	2/4/2008 19:01	8.49	35.296	22.09	9.58	7.6	20.6	1.56
983	2/4/2008 19:16	8.49	35.355	22.13	9.58	7.6	17.8	1.62
984	2/4/2008 19:31	8.49	35.900	22.5	9.57	7.62	17.6	1.71
985	2/4/2008 19:46	8.51	36.482	22.9	9.58	7.63	17.3	1.80
986	2/4/2008 20:01	8.51	36.545	22.95	9.59	7.63	17.6	1.90
987	2/4/2008 20:16	8.51	36.921	23.21	9.57	7.64	16.8	2.00
988	2/4/2008 20:31	8.49	36.960	23.23	9.59	7.65	16.6	2.10
989	2/4/2008 20:46	8.48	36.864	23.17	9.62	7.65	19.0	2.20

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
990	2/4/2008 21:01	8.47	37.051	23.29	9.63	7.66	17.6	2.29
991	2/4/2008 21:16	8.47	37.299	23.47	9.63	7.66	16.8	2.37
992	2/4/2008 21:31	8.48	37.772	23.79	9.61	7.67	13.2	2.45
993	2/4/2008 21:46	8.49	37.986	23.94	9.6	7.67	14.4	2.51
994	2/4/2008 22:01	8.5	38.436	24.25	9.59	7.68	14.6	2.59
995	2/4/2008 22:16	8.52	38.878	24.56	9.56	7.69	13.5	2.65
996	2/4/2008 22:31	8.55	39.274	24.84	9.54	7.69	13.4	2.70
997	2/4/2008 22:46	8.61	39.712	25.15	9.58	7.7	15.5	2.75
998	2/4/2008 23:01	8.63	39.731	25.16	9.62	7.7	14.0	2.78
999	2/4/2008 23:16	8.69	40.204	25.5	9.65	7.71	12.6	2.83
1000	2/4/2008 23:31	8.67	39.957	25.32	9.62	7.7	10.9	2.85
1001	2/4/2008 23:46	8.72	40.589	25.77	9.53	7.7	15.1	2.88
1002	2/5/2008 00:01	8.77	40.934	26.01	9.72	7.72	17.1	2.86
1003	2/5/2008 00:16	8.77	41.080	26.11	9.72	7.72	13.0	2.81
1004	2/5/2008 00:31	8.69	40.487	25.69	9.66	7.71	14.9	2.80
1005	2/5/2008 00:46	8.6	39.905	25.28	9.55	7.7	19.3	2.76
1006	2/5/2008 01:01	8.57	39.529	25.02	9.56	7.7	24.8	2.69
1007	2/5/2008 01:16	8.55	39.246	24.82	9.52	7.69	24.1	2.63
1008	2/5/2008 01:31	8.42	37.717	23.75	9.56	7.67	25.9	2.55
1009	2/5/2008 01:46	8.3	37.957	23.91	9.54	7.66	16.6	2.51
1010	2/5/2008 02:01	8.18	37.273	23.43	9.56	7.65	15.5	2.45
1011	2/5/2008 02:16	8.14	36.856	23.14	9.56	7.64	13.6	2.39
1012	2/5/2008 02:31	8.09	36.667	23.01	9.54	7.63	12.9	2.32
1013	2/5/2008 02:46	8.05	36.607	22.97	9.52	7.63	12.3	2.29
1014	2/5/2008 03:01	8.05	36.686	23.02	9.5	7.63	12.4	2.25
1015	2/5/2008 03:16	8.1	37.099	23.31	9.46	7.63	11.6	2.20
1016	2/5/2008 03:31	7.93	36.501	22.89	9.46	7.62	10.7	2.18
1017	2/5/2008 03:46	8.13	37.130	23.33	9.45	7.63	9.9	2.14
1018	2/5/2008 04:01	7.89	36.194	22.67	9.43	7.61	9.9	2.14
1019	2/5/2008 04:16	7.94	36.485	22.88	9.48	7.62	10.2	2.15
1020	2/5/2008 04:31	8.02	36.401	22.82	9.53	7.62	9.8	2.16
1021	2/5/2008 04:46	7.88	36.156	22.65	9.5	7.62	10.1	2.19
1022	2/5/2008 05:01	8.14	36.725	23.05	9.48	7.63	12.3	2.22
1023	2/5/2008 05:16	8.16	36.947	23.21	9.5	7.63	11.9	2.26
1024	2/5/2008 05:31	8.15	36.856	23.14	9.46	7.63	17.7	2.32
1025	2/5/2008 05:46	8.38	38.486	24.28	9.52	7.67	21.3	2.38
1026	2/5/2008 06:01	8.44	38.889	24.57	9.53	7.68	16.0	2.44
1027	2/5/2008 06:16	8.51	39.455	24.96	9.56	7.69	16.6	2.50
1028	2/5/2008 06:31	8.54	39.716	25.15	9.59	7.7	16.5	2.56
1029	2/5/2008 06:46	8.75	41.724	26.56	9.63	7.73	17.6	2.63
1030	2/5/2008 07:01	8.74	41.926	26.7	9.67	7.74	16.4	2.70
1031	2/5/2008 07:16	8.54	40.446	25.66	9.66	7.71	18.0	2.76
1032	2/5/2008 07:31	8.61	40.929	26	9.67	7.73	18.6	2.86
1033	2/5/2008 07:46	8.57	41.203	26.19	9.6	7.72	19.1	2.92
1034	2/5/2008 08:01	8.65	41.638	26.5	9.67	7.74	16.0	3.00

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth
			mS/cm	ppt	mg/L		NTU	meters
1035	2/5/2008 08:16	8.78	42.585	27.17	9.63	7.74	16.0	3.09
1036	2/5/2008 08:31	8.87	43.411	27.76	9.62	7.75	16.2	3.17
1037	2/5/2008 08:46	8.86	43.498	27.82	9.6	7.75	26.1	3.23
1038	2/5/2008 09:01	8.96	44.395	28.46	9.58	7.76	14.6	3.29
1039	2/5/2008 09:16	9.02	45.152	29	9.55	7.77	12.7	3.36
1040	2/5/2008 09:31	9.01	45.104	28.97	9.56	7.77	10.6	3.42
1041	2/5/2008 09:46	9.01	45.215	29.04	9.53	7.77	10.5	3.44
1042	2/5/2008 10:01	9.01	45.238	29.06	9.51	7.77	9.4	3.46
1043	2/5/2008 10:16	9.05	45.558	29.29	9.48	7.77	9.9	3.48
1044	2/5/2008 10:31	9.09	46.144	29.71	9.43	7.78	9.3	3.46
1045	2/5/2008 10:46	8.97	44.633	28.63	9.48	7.76	10.7	3.42
1046	2/5/2008 11:01	8.73	41.768	26.59	9.62	7.73	11.4	3.40
1047	2/5/2008 11:16	8.66	40.319	25.57	9.6	7.71	12.1	3.34
1048	2/5/2008 11:31	8.72	39.921	25.3	9.64	7.7	16.1	3.25
1049	2/5/2008 11:46	8.78	41.776	26.6	9.63	7.73	20.3	3.15
1050	2/5/2008 12:01	8.76	40.471	25.69	9.76	7.72	27.8	3.05
1051	2/5/2008 12:16	8.81	41.015	26.07	9.73	7.73	19.0	2.93
1052	2/5/2008 12:31	8.86	40.337	25.6	9.77	7.73	15.1	2.85
1053	2/5/2008 12:46	8.83	40.155	25.47	9.71	7.73	14.7	2.74
1054	2/5/2008 13:01	8.86	40.260	25.54	9.71	7.73	17.6	2.62
1055	2/5/2008 13:16	8.96	39.990	25.36	9.9	7.75	13.8	2.51
1056	2/5/2008 13:31	8.96	39.389	24.94	10.02	7.75	10.5	2.38
1057	2/5/2008 13:46	9.04	38.950	24.64	10.31	7.77	13.5	2.26
1058	2/5/2008 14:01	8.94	39.062	24.71	10.1	7.75	22.6	2.12
1059	2/5/2008 14:16	8.82	38.167	24.09	9.99	7.72	23.0	1.96
1060	2/5/2008 14:31	8.83	37.631	23.72	10	7.72	23.4	1.83
1061	2/5/2008 14:46	8.87	37.472	23.61	10.18	7.75	26.3	1.67
1062	2/5/2008 15:01	8.66	36.813	23.14	10.03	7.7	14.8	1.52
1063	2/5/2008 15:16	8.56	36.409	22.86	9.79	7.67	13.7	1.38
1064	2/5/2008 15:31	8.55	36.303	22.78	9.75	7.66	15.2	1.23
1065	2/5/2008 15:46	8.55	35.395	22.16	9.76	7.66	13.5	1.14
1066	2/5/2008 16:01	8.55	36.039	22.6	9.74	7.66	14.3	1.01
1067	2/5/2008 16:16	8.55	35.829	22.46	9.73	7.65	13.5	0.91
1068	2/5/2008 16:31	8.54	34.921	21.83	9.71	7.65	11.9	0.88
1069	2/5/2008 16:46	8.59	35.655	22.34	9.62	7.65	9.5	0.85
1070	2/5/2008 17:01	8.6	36.014	22.59	9.75	7.66	10.6	0.88
1071	2/5/2008 17:16	8.56	35.966	22.55	9.75	7.66	10.0	0.93
1072	2/5/2008 17:31	8.54	35.853	22.47	9.72	7.65	16.4	0.98
1073	2/5/2008 17:46	8.55	35.987	22.57	9.72	7.66	9.0	1.03
1074	2/5/2008 18:01	8.53	35.435	22.19	9.77	7.65	10.1	1.09
1075	2/5/2008 18:16	8.58	35.352	22.13	9.69	7.66	11.0	1.13
1076	2/5/2008 18:31	8.57	35.933	22.53	9.67	7.65	9.3	1.19
1077	2/5/2008 18:46	8.57	36.103	22.65	9.67	7.65	10.8	1.25
1078	2/5/2008 19:01	8.58	36.212	22.72	9.64	7.65	9.9	1.31
1079	2/5/2008 19:16	8.57	36.258	22.75	9.65	7.65	11.5	1.39

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1080	2/5/2008 19:31	8.59	36.496	22.92	9.66	7.65	12.7	1.48
1081	2/5/2008 19:46	8.6	36.690	23.05	9.65	7.65	15.2	1.56
1082	2/5/2008 20:01	8.63	36.723	23.08	9.65	7.65	13.2	1.67
1083	2/5/2008 20:16	8.65	36.757	23.1	9.66	7.65	15.0	1.78
1084	2/5/2008 20:31	8.67	37.067	23.32	9.65	7.66	14.6	1.87
1085	2/5/2008 20:46	8.68	37.254	23.45	9.65	7.66	13.0	1.99
1086	2/5/2008 21:01	8.71	37.592	23.68	9.65	7.67	11.1	2.09
1087	2/5/2008 21:16	8.79	38.931	24.62	9.6	7.69	14.9	2.19
1088	2/5/2008 21:31	8.74	37.952	23.93	9.66	7.68	14.6	2.28
1089	2/5/2008 21:46	8.85	39.987	25.35	9.57	7.71	17.7	2.37
1090	2/5/2008 22:01	8.84	40.088	25.42	9.58	7.71	18.5	2.47
1091	2/5/2008 22:16	8.84	40.129	25.45	9.58	7.71	18.0	2.53
1092	2/5/2008 22:31	8.84	40.410	25.65	9.58	7.71	18.4	2.61
1093	2/5/2008 22:46	8.85	40.820	25.94	9.57	7.72	22.6	2.68
1094	2/5/2008 23:01	8.88	41.459	26.39	9.57	7.73	24.8	2.74
1095	2/5/2008 23:16	8.95	41.982	26.76	9.56	7.74	21.5	2.79
1096	2/5/2008 23:31	8.98	42.225	26.93	9.49	7.74	15.8	2.83
1097	2/5/2008 23:46	9.01	42.465	27.1	9.51	7.74	11.3	2.89
1098	2/6/2008 00:01	8.96	42.228	26.93	9.49	7.74	14.3	2.90
1099	2/6/2008 00:16	9.04	42.779	27.32	9.5	7.75	15.2	2.90
1100	2/6/2008 00:31	9.03	42.749	27.3	9.52	7.75	13.9	2.92
1101	2/6/2008 00:46	9	42.456	27.09	9.51	7.74	14.7	2.88
1102	2/6/2008 01:01	8.92	41.671	26.54	9.55	7.74	23.8	2.83
1103	2/6/2008 01:16	8.86	40.941	26.02	9.52	7.72	21.0	2.79
1104	2/6/2008 01:31	8.84	40.418	25.65	9.54	7.71	27.5	2.71
1105	2/6/2008 01:46	8.82	40.121	25.45	9.55	7.71	28.1	2.64
1106	2/6/2008 02:01	8.75	39.497	25.01	9.52	7.69	17.4	2.58
1107	2/6/2008 02:16	8.69	39.793	25.21	9.38	7.68	15.1	2.50
1108	2/6/2008 02:31	8.63	39.673	25.12	9.43	7.69	12.3	2.42
1109	2/6/2008 02:46	8.64	38.891	24.58	9.48	7.68	14.6	2.35
1110	2/6/2008 03:01	8.55	38.540	24.33	9.46	7.67	12.6	2.30
1111	2/6/2008 03:16	8.59	37.188	23.4	9.5	7.67	12.8	2.24
1112	2/6/2008 03:31	8.56	37.707	23.75	9.43	7.66	11.5	2.16
1113	2/6/2008 03:46	8.5	37.002	23.26	9.43	7.65	11.2	2.11
1114	2/6/2008 04:01	8.5	37.891	23.88	9.35	7.65	9.6	2.08
1115	2/6/2008 04:16	8.5	37.569	23.65	9.36	7.64	9.5	2.04
1116	2/6/2008 04:31	8.58	37.994	23.95	9.34	7.66	9.6	2.03
1117	2/6/2008 04:46	8.53	37.705	23.75	9.38	7.64	10.1	2.04
1118	2/6/2008 05:01	8.47	37.593	23.67	9.39	7.65	8.7	2.05
1119	2/6/2008 05:16	8.47	37.568	23.65	9.36	7.64	8.2	2.05
1120	2/6/2008 05:31	8.64	38.349	24.2	9.42	7.67	10.0	2.12
1121	2/6/2008 05:46	8.61	38.251	24.13	9.43	7.66	13.1	2.14
1122	2/6/2008 06:01	8.53	37.980	23.94	9.42	7.65	16.3	2.20
1123	2/6/2008 06:16	8.55	37.722	23.76	9.46	7.65	10.2	2.26
1124	2/6/2008 06:31	8.66	38.647	24.41	9.46	7.68	11.3	2.32

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth
			mS/cm	ppt	mg/L		NTU	meters
1125	2/6/2008 06:46	8.67	38.799	24.52	9.48	7.68	12.5	2.40
1126	2/6/2008 07:01	8.73	39.434	24.96	9.46	7.69	11.8	2.42
1127	2/6/2008 07:16	8.74	39.444	24.97	9.47	7.69	17.5	2.51
1128	2/6/2008 07:31	8.77	39.938	25.32	9.49	7.71	12.4	2.59
1129	2/6/2008 07:46	8.67	39.799	25.21	9.52	7.71	11.5	2.66
1130	2/6/2008 08:01	8.71	40.351	25.6	9.52	7.72	11.6	2.75
1131	2/6/2008 08:16	8.68	39.487	24.99	9.57	7.73	12.5	2.83
1132	2/6/2008 08:31	8.83	41.546	26.44	9.5	7.74	14.8	2.91
1133	2/6/2008 08:46	8.82	41.291	26.26	9.53	7.74	15.5	3.01
1134	2/6/2008 09:01	8.86	41.944	26.72	9.52	7.76	11.2	3.05
1135	2/6/2008 09:16	8.99	43.258	27.66	9.47	7.77	14.0	3.19
1136	2/6/2008 09:31	9.2	45.418	29.2	9.43	7.79	23.8	3.27
1137	2/6/2008 09:46	9.2	45.787	29.46	9.39	7.8	31.0	3.32
1138	2/6/2008 10:01	9.21	46.004	29.62	9.37	7.8	22.7	3.40
1139	2/6/2008 10:16	9.21	46.099	29.69	9.39	7.8	16.3	3.46
1140	2/6/2008 10:31	9.21	46.268	29.81	9.42	7.8	14.7	3.50
1141	2/6/2008 10:46	9.21	46.438	29.93	9.41	7.8	10.7	3.53
1142	2/6/2008 11:01	9.21	46.260	29.8	9.38	7.79	13.8	3.53
1143	2/6/2008 11:16	9.21	46.387	29.89	9.39	7.79	14.8	3.53
1144	2/6/2008 11:31	9.21	46.461	29.95	9.4	7.79	13.9	3.49
1145	2/6/2008 11:46	9.2	46.021	29.63	9.43	7.79	27.8	3.45
1146	2/6/2008 12:01	9.19	44.658	28.66	9.5	7.78	19.7	3.35
1147	2/6/2008 12:16	9.25	43.769	28.04	9.58	7.79	17.4	3.28
1148	2/6/2008 12:31	9.31	43.238	27.66	9.58	7.79	16.7	3.17
1149	2/6/2008 12:46	9.39	42.723	27.3	9.65	7.78	14.8	3.06
1150	2/6/2008 13:01	9.51	41.959	26.77	9.64	7.77	11.3	2.97
1151	2/6/2008 13:16	9.44	41.766	26.63	9.61	7.76	15.5	2.84
1152	2/6/2008 13:31	9.67	41.471	26.44	9.67	7.77	17.0	2.72
1153	2/6/2008 13:46	9.49	41.069	26.15	9.67	7.76	11.8	2.61
1154	2/6/2008 14:01	9.58	40.600	25.82	9.9	7.77	10.2	2.49
1155	2/6/2008 14:16	9.7	40.638	25.86	9.93	7.79	9.9	2.35
1156	2/6/2008 14:31	9.48	39.767	25.23	10.18	7.76	12.5	2.20
1157	2/6/2008 14:46	9.5	39.440	25.01	10.12	7.76	10.5	2.09
1158	2/6/2008 15:01	9.53	38.228	24.16	10.05	7.77	11.2	1.94
1159	2/6/2008 15:16	9.49	38.627	24.44	10.05	7.76	13.0	1.77
1160	2/6/2008 15:31	9.45	37.523	23.67	9.93	7.74	12.1	1.64
1161	2/6/2008 15:46	9.49	38.080	24.06	9.78	7.74	13.0	1.48
1162	2/6/2008 16:01	9.39	37.794	23.86	9.64	7.7	13.2	1.34
1163	2/6/2008 16:16	9.36	36.616	23.04	9.62	7.69	14.3	1.21
1164	2/6/2008 16:31	9.38	37.174	23.43	9.58	7.69	15.5	1.09
1165	2/6/2008 16:46	9.39	36.977	23.29	9.6	7.69	14.4	0.95
1166	2/6/2008 17:01	9.39	36.794	23.16	9.49	7.68	9.9	0.88
1167	2/6/2008 17:16	9.39	36.820	23.18	9.44	7.67	9.1	0.84
1168	2/6/2008 17:31	9.34	36.922	23.25	9.48	7.68	9.8	0.84
1169	2/6/2008 17:46	9.27	37.164	23.41	9.56	7.68	9.4	0.87

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	2/6/2008 18:01	9.34	37.040	23.33	9.51	7.68	9.8	0.90
1171	2/6/2008 18:16	9.25	35.939	22.57	9.6	7.67	8.5	0.98
1172	2/6/2008 18:31	9.22	36.309	22.82	9.56	7.67	9.7	1.03
1173	2/6/2008 18:46	9.2	36.286	22.8	9.56	7.66	9.1	1.12
1174	2/6/2008 19:01	9.28	36.875	23.21	9.49	7.66	9.3	1.14
1175	2/6/2008 19:16	9.26	36.372	22.87	9.5	7.65	10.3	1.22
1176	2/6/2008 19:31	9.28	37.008	23.31	9.52	7.67	8.5	1.29
1177	2/6/2008 19:46	9.31	37.218	23.45	9.51	7.67	9.7	1.38
1178	2/6/2008 20:01	9.32	37.297	23.51	9.49	7.66	10.1	1.46
1179	2/6/2008 20:16	9.32	36.665	23.07	9.53	7.67	11.4	1.55
1180	2/6/2008 20:31	9.31	36.904	23.24	9.54	7.67	12.9	1.67
1181	2/6/2008 20:46	9.29	37.499	23.65	9.52	7.68	12.4	1.78
1182	2/6/2008 21:01	9.29	38.262	24.18	9.49	7.69	13.3	1.89
1183	2/6/2008 21:16	9.3	38.527	24.36	9.5	7.69	13.3	1.98
1184	2/6/2008 21:31	9.33	39.582	25.1	9.49	7.71	17.0	2.11
1185	2/6/2008 21:46	9.33	40.219	25.54	9.46	7.71	15.7	2.21
1186	2/6/2008 22:01	9.33	40.149	25.49	9.49	7.72	17.6	2.32
1187	2/6/2008 22:16	9.33	40.489	25.73	9.48	7.72	18.1	2.41
1188	2/6/2008 22:31	9.31	40.611	25.82	9.47	7.72	17.0	2.51
1189	2/6/2008 22:46	9.31	41.003	26.09	9.45	7.73	26.7	2.59
1190	2/6/2008 23:01	9.32	41.412	26.38	9.46	7.73	35.2	2.66
1191	2/6/2008 23:16	9.34	42.099	26.86	9.46	7.74	40.1	2.73
1192	2/6/2008 23:31	9.35	42.652	27.25	9.49	7.75	28.2	2.79
1193	2/6/2008 23:46	9.38	43.492	27.85	9.56	7.76	27.4	2.86
1194	2/7/2008 00:01	9.42	44.147	28.31	9.62	7.77	20.2	2.89
1195	2/7/2008 00:16	9.44	44.469	28.54	9.63	7.77	14.3	2.93
1196	2/7/2008 00:31	9.43	44.474	28.55	9.6	7.77	15.0	2.95
1197	2/7/2008 00:46	9.45	44.658	28.68	9.61	7.77	12.8	2.99
1198	2/7/2008 01:01	9.43	44.441	28.52	9.6	7.77	11.5	2.98
1199	2/7/2008 01:16	9.44	44.516	28.58	9.63	7.77	13.8	2.94
1200	2/7/2008 01:31	9.42	44.015	28.22	9.59	7.76	17.5	2.90
1201	2/7/2008 01:46	9.35	42.986	27.49	9.49	7.74	16.6	2.82
1202	2/7/2008 02:01	9.33	42.455	27.11	9.45	7.74	38.6	2.77
1203	2/7/2008 02:16	9.31	41.981	26.78	9.41	7.73	24.6	2.67
1204	2/7/2008 02:31	9.27	41.323	26.31	9.38	7.72	21.6	2.58
1205	2/7/2008 02:46	9.19	40.597	25.8	9.31	7.7	12.1	2.50
1206	2/7/2008 03:01	9.18	39.946	25.34	9.33	7.69	19.5	2.41
1207	2/7/2008 03:16	9.15	39.967	25.36	9.32	7.69	13.3	2.32
1208	2/7/2008 03:31	9.14	39.515	25.04	9.3	7.69	10.3	2.25
1209	2/7/2008 03:46	9.12	39.281	24.88	9.29	7.69	9.9	2.16
1210	2/7/2008 04:01	9.1	39.078	24.73	9.24	7.68	9.8	2.10
1211	2/7/2008 04:16	9.08	38.824	24.56	9.22	7.67	9.1	2.04
1212	2/7/2008 04:31	9.07	38.740	24.5	9.17	7.67	9.0	1.97
1213	2/7/2008 04:46	9.09	38.621	24.42	9.17	7.67	8.0	1.91
1214	2/7/2008 05:01	9.1	38.326	24.21	9.19	7.66	8.2	1.90

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth
			mS/cm	ppt	mg/L		NTU	meters
1215	2/7/2008 05:16	9.11	38.831	24.56	9.09	7.66	7.8	1.88
1216	2/7/2008 05:31	9.09	39.049	24.71	9.16	7.67	7.6	1.88
1217	2/7/2008 05:46	9.05	38.168	24.1	9.17	7.66	6.6	1.88
1218	2/7/2008 06:01	9.03	38.063	24.02	9.17	7.65	6.9	1.89
1219	2/7/2008 06:16	9.15	39.065	24.73	9.2	7.68	7.9	1.93
1220	2/7/2008 06:31	9.1	38.769	24.52	9.22	7.67	8.7	2.01
1221	2/7/2008 06:46	9.06	37.671	23.75	9.26	7.67	12.9	2.05
1222	2/7/2008 07:01	9.09	38.626	24.42	9.24	7.67	9.7	2.12
1223	2/7/2008 07:16	9.14	39.318	24.9	9.26	7.68	17.6	2.21
1224	2/7/2008 07:31	9.19	40.195	25.52	9.28	7.69	11.8	2.28
1225	2/7/2008 07:46	9.19	40.373	25.64	9.29	7.69	10.6	2.35
1226	2/7/2008 08:01	9.2	40.572	25.78	9.31	7.7	9.7	2.43
1227	2/7/2008 08:16	9.19	40.661	25.84	9.36	7.7	11.4	2.53
1228	2/7/2008 08:31	9.21	41.053	26.12	9.4	7.72	12.2	2.61
1229	2/7/2008 08:46	9.2	41.171	26.2	9.44	7.72	11.3	2.69
1230	2/7/2008 09:01	9.23	41.533	26.46	9.46	7.73	11.5	2.79
1231	2/7/2008 09:16	9.26	41.859	26.69	9.5	7.73	13.5	2.87
1232	2/7/2008 09:31	9.34	43.113	27.58	9.54	7.74	10.8	2.95
1233	2/7/2008 09:46	9.38	44.119	28.29	9.59	7.76	12.1	3.05
1234	2/7/2008 10:01	9.38	45.085	28.98	9.62	7.77	23.8	3.13
1235	2/7/2008 10:16	9.37	45.358	29.17	9.61	7.77	25.9	3.20
1236	2/7/2008 10:31	9.38	45.620	29.36	9.62	7.77	22.0	3.30
1237	2/7/2008 10:46	9.38	46.145	29.73	9.62	7.78	20.7	3.36
1238	2/7/2008 11:01	9.39	46.288	29.83	9.6	7.78	14.1	3.40
1239	2/7/2008 11:16	9.39	46.442	29.94	9.58	7.78	11.3	3.48
1240	2/7/2008 11:31	9.4	46.657	30.1	9.55	7.78	10.0	3.49
1241	2/7/2008 11:46	9.4	46.083	29.69	9.57	7.77	20.0	3.49
1242	2/7/2008 12:01	9.4	45.768	29.46	9.62	7.78	12.9	3.49
1243	2/7/2008 12:16	9.4	46.774	30.18	9.58	7.78	11.6	3.45
1244	2/7/2008 12:31	9.41	45.919	29.57	9.6	7.78	13.0	3.40
1245	2/7/2008 12:46	9.46	43.543	27.89	9.59	7.76	15.1	3.33
1246	2/7/2008 13:01	9.46	43.148	27.61	9.6	7.76	12.8	3.24
1247	2/7/2008 13:16	9.5	43.263	27.69	9.61	7.76	12.3	3.15
1248	2/7/2008 13:31	9.54	43.572	27.91	9.6	7.76	12.4	3.04
1249	2/7/2008 13:46	9.62	42.982	27.5	9.6	7.75	11.0	2.90
1250	2/7/2008 14:01	9.64	42.238	26.98	9.67	7.75	10.8	2.80
1251	2/7/2008 14:16	9.65	41.886	26.73	9.68	7.75	9.4	2.67
1252	2/7/2008 14:31	9.63	42.244	26.98	9.64	7.75	10.3	2.52
1253	2/7/2008 14:46	9.66	41.821	26.68	9.69	7.76	9.6	2.40
1254	2/7/2008 15:01	9.61	40.755	25.93	9.51	7.72	11.2	2.28
1255	2/7/2008 15:16	9.64	40.403	25.69	9.71	7.74	10.4	2.11
1256	2/7/2008 15:31	9.66	40.175	25.53	9.79	7.74	11.6	1.96
1257	2/7/2008 15:46	9.62	39.523	25.07	9.51	7.72	13.4	1.82
1258	2/7/2008 16:01	9.63	39.343	24.95	9.51	7.71	11.8	1.67
1259	2/7/2008 16:16	9.62	39.276	24.9	9.41	7.7	13.2	1.50

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1260	2/7/2008 16:31	9.62	38.925	24.65	9.28	7.68	16.5	1.35
1261	2/7/2008 16:46	9.62	38.530	24.38	9.28	7.67	15.3	1.23
1262	2/7/2008 17:01	9.61	38.279	24.2	9.27	7.67	15.1	1.07
1263	2/7/2008 17:16	9.62	38.057	24.05	9.24	7.66	12.8	0.97
1264	2/7/2008 17:31	9.62	37.922	23.96	9.17	7.65	12.2	0.85
1265	2/7/2008 17:46	9.62	37.181	23.44	9.21	7.66	11.4	0.82
1266	2/7/2008 18:01	9.61	37.376	23.58	9.19	7.66	12.3	0.80
1267	2/7/2008 18:16	9.6	38.335	24.24	9.18	7.66	14.1	0.86
1268	2/7/2008 18:31	9.6	37.756	23.84	9.23	7.66	12.8	0.92
1269	2/7/2008 18:46	9.58	38.480	24.34	9.18	7.66	10.5	0.97
1270	2/7/2008 19:01	9.57	38.412	24.29	9.2	7.66	9.5	1.05
1271	2/7/2008 19:16	9.53	37.683	23.79	9.23	7.65	10.1	1.11
1272	2/7/2008 19:31	9.54	37.678	23.78	9.19	7.64	10.9	1.17
1273	2/7/2008 19:46	9.56	37.937	23.96	9.13	7.64	9.6	1.24
1274	2/7/2008 20:01	9.56	38.129	24.1	9.13	7.64	10.4	1.33
1275	2/7/2008 20:16	9.56	38.332	24.24	9.13	7.64	10.6	1.39
1276	2/7/2008 20:31	9.56	38.340	24.24	9.13	7.64	10.2	1.49
1277	2/7/2008 20:46	9.55	38.510	24.36	9.19	7.65	10.5	1.61
1278	2/7/2008 21:01	9.54	38.642	24.45	9.23	7.66	13.4	1.70
1279	2/7/2008 21:16	9.52	37.789	23.86	9.32	7.66	11.4	1.82
1280	2/7/2008 21:31	9.51	39.185	24.83	9.32	7.67	11.1	1.95
1281	2/7/2008 21:46	9.54	40.701	25.89	9.36	7.7	15.4	2.06
1282	2/7/2008 22:01	9.55	40.774	25.94	9.41	7.71	17.0	2.17
1283	2/7/2008 22:16	9.54	41.049	26.14	9.42	7.71	15.4	2.27
1284	2/7/2008 22:31	9.53	41.161	26.21	9.43	7.71	20.7	2.38
1285	2/7/2008 22:46	9.52	41.342	26.34	9.42	7.71	24.1	2.48
1286	2/7/2008 23:01	9.51	41.619	26.53	9.44	7.72	24.9	2.56
1287	2/7/2008 23:16	9.5	42.001	26.8	9.46	7.72	26.2	2.66
1288	2/7/2008 23:31	9.53	42.799	27.37	9.48	7.73	45.2	2.74
1289	2/7/2008 23:46	9.53	43.815	28.08	9.54	7.75	30.5	2.81
1290	2/8/2008 00:01	9.53	44.280	28.41	9.55	7.75	26.3	2.89
1291	2/8/2008 00:16	9.55	44.760	28.76	9.57	7.76	23.2	2.96
1292	2/8/2008 00:31	9.56	45.152	29.04	9.55	7.76	19.4	3.01
1293	2/8/2008 00:46	9.56	45.374	29.19	9.55	7.76	15.9	3.06
1294	2/8/2008 01:01	9.56	45.597	29.35	9.52	7.76	11.3	3.09
1295	2/8/2008 01:16	9.55	45.570	29.33	9.54	7.76	11.8	3.11
1296	2/8/2008 01:31	9.54	45.761	29.47	9.54	7.77	15.0	3.09
1297	2/8/2008 01:46	9.55	45.712	29.43	9.53	7.77	22.1	3.05
1298	2/8/2008 02:01	9.52	44.893	28.85	9.49	7.75	21.3	3.00
1299	2/8/2008 02:16	9.49	43.640	27.96	9.42	7.74	16.9	2.94
1300	2/8/2008 02:31	9.49	43.304	27.72	9.43	7.73	24.8	2.84
1301	2/8/2008 02:46	9.44	42.832	27.38	9.44	7.73	19.6	2.75
1302	2/8/2008 03:01	9.4	41.195	26.23	9.36	7.71	15.9	2.66
1303	2/8/2008 03:16	9.41	41.198	26.23	9.35	7.71	18.0	2.56
1304	2/8/2008 03:31	9.39	41.398	26.37	9.29	7.7	13.7	2.47

sonde #3 Indian Island Long-Term Deployment Water Quality Data TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	2/8/2008 03:46	9.38	41.089	26.15	9.28	7.69	13.2	2.37
1306	2/8/2008 04:01	9.38	40.623	25.83	9.25	7.68	13.2	2.29
1307	2/8/2008 04:16	9.37	40.526	25.76	9.22	7.67	11.0	2.21
1308	2/8/2008 04:31	9.34	40.060	25.43	9.13	7.66	10.2	2.12
1309	2/8/2008 04:46	9.29	40.132	25.48	9.06	7.65	8.8	2.03
1310	2/8/2008 05:01	9.26	39.624	25.12	9.02	7.64	9.3	1.96
1311	2/8/2008 05:16	9.24	39.348	24.93	8.97	7.63	8.9	1.89
1312	2/8/2008 05:31	9.23	39.437	24.99	8.94	7.63	8.8	1.81
1313	2/8/2008 05:46	9.24	39.374	24.95	8.89	7.62	6.9	1.77
1314	2/8/2008 06:01	9.19	38.820	24.56	8.94	7.61	6.8	1.75
1315	2/8/2008 06:16	9.2	39.080	24.74	8.8	7.61	6.9	1.74
1316	2/8/2008 06:31	9.19	39.140	24.78	8.92	7.63	6.6	1.73
1317	2/8/2008 06:46	9.21	38.957	24.66	8.94	7.62	7.2	1.77
1318	2/8/2008 07:01	9.28	39.462	25.01	8.95	7.63		1.84
1319	2/8/2008 07:16	9.32	39.745	25.21	9.02	7.64	12.0	1.87
1320	2/8/2008 07:31	9.17	39.102	24.75	9.04	7.63	9.8	1.94
1321	2/8/2008 07:46	9.22	38.320	24.21	9.12	7.63	9.1	2.04
1322	2/8/2008 08:01	9.23	39.115	24.77	9.11	7.64	9.3	2.12
1323	2/8/2008 08:16	9.33	40.656	25.85	9.16	7.66	9.9	2.21
1324	2/8/2008 08:31	9.36	40.437	25.7	9.25	7.68	11.9	2.29
1325	2/8/2008 08:46	9.33	40.277	25.58	9.25	7.68	11.9	2.38
1326	2/8/2008 09:01	9.33	41.468	26.42	9.27	7.69	11.5	2.47
1327	2/8/2008 09:16	9.35	41.887	26.71	9.33	7.71	12.9	2.55
1328	2/8/2008 09:31	9.37	41.934	26.75	9.36	7.71	11.5	2.63
1329	2/8/2008 09:46	9.43	43.268	27.69	9.38	7.73	11.0	2.71
1330	2/8/2008 10:01	9.45	43.774	28.05	9.41	7.74	12.7	2.80
1331	2/8/2008 10:16	9.46	44.096	28.28	9.44	7.74	16.8	2.87
1332	2/8/2008 10:31	9.46	44.494	28.56	9.44	7.75	19.7	2.99
1333	2/8/2008 10:46	9.43	44.640	28.66	9.45	7.75	21.8	3.06
1334	2/8/2008 11:01	9.41	45.000	28.92	9.47	7.75	29.0	3.12
1335	2/8/2008 11:16	9.4	45.470	29.25	9.49	7.76	22.1	3.22
1336	2/8/2008 11:31	9.4	44.980	28.9	9.53	7.76	21.8	3.30
1337	2/8/2008 11:46	9.41	46.205	29.78	9.55	7.77	14.8	3.38
Mean		8.27	42.776	27.29	9.28	7.67	11.9	2.42
Minimum		7.19	32.431	20.12	8.21	7.55	2.4	0.80
Maximum		9.70	50.296	32.69	10.48	7.80	45.2	3.53
Standard Dev.		0.65	4.154	2.92	0.39	0.05	5.8	0.61

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						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	2/8/2008 12:16	9.44	46.710	30.14	9.78	7.91	14.5	3.22
1	2/8/2008 12:31	9.46	46.704	30.14	9.72	7.91	8.1	3.27
2	2/8/2008 12:46	9.51	46.164	29.75	9.77	7.92	9.0	3.23
3	2/8/2008 13:01	9.48	46.470	29.97	9.77	7.92	9.0	3.17
4	2/8/2008 13:16	9.98	44.452	28.56	10.04	7.94	9.8	3.15
5	2/8/2008 13:31	9.97	44.408	28.53	9.9	7.92	11.1	3.06
6	2/8/2008 13:46	9.8	44.540	28.61	9.86	7.92	12.4	2.95
7	2/8/2008 14:01	9.79	44.301	28.44	9.73	7.91	17.5	2.86
8	2/8/2008 14:16	9.97	43.618	27.97	9.7	7.91	12.8	2.75
9	2/8/2008 14:31	10.13	43.561	27.94	9.8	7.91	9.2	2.64
10	2/8/2008 14:46	10.15	43.416	27.84	9.69	7.91	12.7	2.52
11	2/8/2008 15:01	10.21	43.015	27.56	9.77	7.92	10.0	2.39
12	2/8/2008 15:16	10.21	42.660	27.3	9.7	7.91	9.6	2.28
13	2/8/2008 15:31	10.25	41.780	26.69	9.87	7.91	8.4	2.14
14	2/8/2008 15:46	10.16	41.236	26.3	9.62	7.89	11.4	2.01
15	2/8/2008 16:01	10.16	40.791	25.99	9.82	7.89	9.5	1.88
16	2/8/2008 16:16	10.15	40.803	25.99	9.73	7.89	11.8	1.72
17	2/8/2008 16:31	10.17	40.575	25.83	9.7	7.9	13.7	1.61
18	2/8/2008 16:46	10.15	40.358	25.68	9.72	7.9	14.8	1.42
19	2/8/2008 17:01	10.1	40.127	25.52	9.58	7.89	16.5	1.25
20	2/8/2008 17:16	10.07	39.470	25.06	9.42	7.85	22.7	1.13
21	2/8/2008 17:31	10.06	39.257	24.91	9.36	7.84	22.4	1.01
22	2/8/2008 17:46	10.06	39.137	24.82	9.28	7.83	21.4	0.91
23	2/8/2008 18:01	10.08	38.841	24.62	9.29	7.83	19.3	0.77
24	2/8/2008 18:16	10.08	38.749	24.55	9.25	7.82	13.4	0.71
25	2/8/2008 18:31	10.06	39.044	24.76	9.22	7.82	10.6	0.68
26	2/8/2008 18:46	10.05	38.946	24.69	9.22	7.82	15.3	0.72
27	2/8/2008 19:01	10.03	39.319	24.95	9.19	7.82	14.2	0.73
28	2/8/2008 19:16	10.02	39.287	24.93	9.26	7.82	12.2	0.75
29	2/8/2008 19:31	10.03	39.205	24.87	9.33	7.83	11.7	0.85
30	2/8/2008 19:46	10.03	39.029	24.75	9.24	7.82	12.5	0.91
31	2/8/2008 20:01	9.98	38.149	24.13	9.28	7.8	11.0	1.00
32	2/8/2008 20:16	10.03	38.693	24.51	9.26	7.81	11.7	1.11
33	2/8/2008 20:31	10.03	38.625	24.46	9.28	7.81	10.7	1.17
34	2/8/2008 20:46	10.01	38.644	24.48	9.27	7.81	9.5	1.26
35	2/8/2008 21:01	10.01	38.626	24.46	9.26	7.81	12.3	1.38
36	2/8/2008 21:16	10	39.231	24.89	9.3	7.82	10.9	1.44
37	2/8/2008 21:31	9.93	38.500	24.37	9.39	7.81	9.2	1.55
38	2/8/2008 21:46	9.91	39.835	25.3	9.37	7.83	12.9	1.67
39	2/8/2008 22:01	9.91	39.582	25.13	9.42	7.83	10.4	1.77
40	2/8/2008 22:16	9.94	41.136	26.22	9.47	7.85	13.0	1.90
41	2/8/2008 22:31	9.95	41.344	26.36	9.5	7.86	15.0	2.02
42	2/8/2008 22:46	9.94	41.934	26.78	9.52	7.86	17.2	2.09
43	2/8/2008 23:01	9.87	41.577	26.52	9.54	7.86	21.6	2.23
44	2/8/2008 23:16	9.84	42.085	26.88	9.53	7.87	25.0	2.34

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
45	2/8/2008 23:31	9.83	42.492	27.17	9.56	7.87	22.4	2.43
46	2/8/2008 23:46	9.82	43.084	27.58	9.57	7.88	23.9	2.49
47	2/9/2008 00:01	9.79	44.099	28.3	9.62	7.89	28.1	2.55
48	2/9/2008 00:16	9.77	44.780	28.78	9.66	7.9	27.8	2.68
49	2/9/2008 00:31	9.77	45.372	29.2	9.73	7.9	28.5	2.73
50	2/9/2008 00:46	9.74	45.889	29.57	9.77	7.91	22.4	2.81
51	2/9/2008 01:01	9.67	46.458	29.97	9.82	7.91	15.9	2.91
52	2/9/2008 01:16	9.62	46.906	30.29	9.85	7.92	14.4	2.94
53	2/9/2008 01:31	9.58	47.076	30.41	9.82	7.92	9.9	2.94
54	2/9/2008 01:46	9.59	46.940	30.31	9.74	7.91	10.3	3.00
55	2/9/2008 02:01	9.58	47.056	30.4	9.84	7.92	13.1	3.02
56	2/9/2008 02:16	9.59	46.748	30.18	9.87	7.92	12.7	2.94
57	2/9/2008 02:31	9.52	43.960	28.19	9.58	7.88	15.7	2.87
58	2/9/2008 02:46	9.53	43.776	28.06	9.56	7.88	13.7	2.80
59	2/9/2008 03:01	9.61	44.095	28.29	9.56	7.88	19.4	2.69
60	2/9/2008 03:16	9.62	43.738	28.04	9.57	7.88	17.2	2.62
61	2/9/2008 03:31	9.54	43.810	28.08	9.53	7.88	16.8	2.48
62	2/9/2008 03:46	9.54	43.383	27.78	9.49	7.87	13.9	2.39
63	2/9/2008 04:01	9.52	42.789	27.36	9.45	7.86	12.9	2.28
64	2/9/2008 04:16	9.54	42.572	27.21	9.43	7.86	14.4	2.22
65	2/9/2008 04:31	9.52	42.146	26.91	9.39	7.85	12.6	2.10
66	2/9/2008 04:46	9.53	41.512	26.46	9.34	7.84	9.9	2.02
67	2/9/2008 05:01	9.49	41.216	26.25	9.34	7.84	9.8	1.90
68	2/9/2008 05:16	9.46	41.002	26.1	9.25	7.83	11.0	1.81
69	2/9/2008 05:31	9.44	40.735	25.91	9.2	7.82	8.4	1.72
70	2/9/2008 05:46	9.39	40.421	25.69	9.15	7.81	7.5	1.64
71	2/9/2008 06:01	9.33	39.957	25.36	9.13	7.8	7.9	1.54
72	2/9/2008 06:16	9.28	39.855	25.29	9.08	7.8	7.6	1.47
73	2/9/2008 06:31	9.35	39.996	25.39	9.04	7.8	5.6	1.45
74	2/9/2008 06:46	9.23	39.631	25.13	8.96	7.78	5.2	1.40
75	2/9/2008 07:01	9.24	39.590	25.1	8.93	7.78	7.1	1.36
76	2/9/2008 07:16	9.25	39.819	25.26	9.05	7.79	7.6	1.34
77	2/9/2008 07:31	9.23	39.785	25.23	9.09	7.79	5.7	1.38
78	2/9/2008 07:46	9.35	40.105	25.46	9.08	7.8	6.4	1.45
79	2/9/2008 08:01	9.39	40.358	25.64	9.12	7.8	7.0	1.50
80	2/9/2008 08:16	9.34	40.137	25.49	9.15	7.8	7.8	1.58
81	2/9/2008 08:31	9.44	40.379	25.66	9.15	7.8	8.1	1.66
82	2/9/2008 08:46	9.49	40.496	25.74	9.17	7.81	9.2	1.73
83	2/9/2008 09:01	9.52	41.340	26.34	9.2	7.82	10.3	1.83
84	2/9/2008 09:16	9.5	41.613	26.53	9.29	7.83	10.0	1.93
85	2/9/2008 09:31	9.48	41.355	26.35	9.3	7.83	9.3	2.00
86	2/9/2008 09:46	9.55	42.378	27.07	9.38	7.85	9.8	2.10
87	2/9/2008 10:01	9.52	42.443	27.11	9.43	7.85	10.2	2.21
88	2/9/2008 10:16	9.57	42.674	27.28	9.45	7.86	9.2	2.29
89	2/9/2008 10:31	9.61	43.473	27.85	9.51	7.87	10.8	2.34

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	2/9/2008 10:46	9.59	44.279	28.42	9.55	7.88	13.7	2.44
91	2/9/2008 11:01	9.6	44.474	28.56	9.58	7.88	17.0	2.49
92	2/9/2008 11:16	9.59	44.651	28.68	9.62	7.88	14.8	2.61
93	2/9/2008 11:31	9.59	44.962	28.9	9.62	7.88	16.5	2.68
94	2/9/2008 11:46	9.57	45.242	29.1	9.65	7.89	15.6	2.78
95	2/9/2008 12:01	9.53	45.680	29.41	9.62	7.89	15.5	2.83
96	2/9/2008 12:16	9.52	46.388	29.91	9.59	7.89	14.3	2.93
97	2/9/2008 12:31	9.5	46.760	30.18	9.61	7.9	13.2	2.96
98	2/9/2008 12:46	9.52	46.932	30.3	9.6	7.9	9.7	3.02
99	2/9/2008 13:01	9.52	47.172	30.47	9.62	7.9	7.3	3.03
100	2/9/2008 13:16	9.52	47.081	30.41	9.53	7.89	5.9	3.05
101	2/9/2008 13:31	9.49	47.223	30.51	9.64	7.9	10.0	3.10
102	2/9/2008 13:46	9.63	46.576	30.06	9.79	7.91	9.0	3.05
103	2/9/2008 14:01	9.66	46.474	29.98	9.73	7.9	11.9	3.00
104	2/9/2008 14:16	10.16	44.742	28.78	9.86	7.91	9.7	2.93
105	2/9/2008 14:31	9.89	45.179	29.07	9.81	7.9	11.1	2.82
106	2/9/2008 14:46	9.98	44.790	28.8	9.85	7.9	13.9	2.70
107	2/9/2008 15:01	10.14	44.297	28.46	9.88	7.91	8.6	2.61
108	2/9/2008 15:16	10.17	44.063	28.3	9.8	7.9	8.1	2.49
109	2/9/2008 15:31	10.28	43.754	28.08	9.79	7.89	8.7	2.36
110	2/9/2008 15:46	10.24	43.472	27.88	9.69	7.88	8.1	2.27
111	2/9/2008 16:01	10.25	42.708	27.34	9.51	7.87	10.7	2.16
112	2/9/2008 16:16	10.24	42.768	27.38	9.61	7.88	7.0	2.03
113	2/9/2008 16:31	10.25	41.896	26.77	9.7	7.88	7.6	1.91
114	2/9/2008 16:46	10.24	41.587	26.55	9.75	7.88	10.7	1.77
115	2/9/2008 17:01	10.26	41.348	26.38	9.62	7.87	10.1	1.66
116	2/9/2008 17:16	10.28	41.152	26.24	9.75	7.88	8.2	1.52
117	2/9/2008 17:31	10.27	40.835	26.02	9.65	7.87	9.7	1.35
118	2/9/2008 17:46	10.24	40.684	25.91	9.58	7.86	10.3	1.23
119	2/9/2008 18:01	10.23	40.358	25.69	9.49	7.85	10.1	1.13
120	2/9/2008 18:16	10.22	40.093	25.5	9.45	7.84	11.7	1.01
121	2/9/2008 18:31	10.22	39.941	25.39	9.42	7.84	10.4	0.91
122	2/9/2008 18:46	10.22	39.897	25.36	9.37	7.83	10.0	0.85
123	2/9/2008 19:01	10.21	39.800	25.29	9.33	7.83	6.7	0.81
124	2/9/2008 19:16	10.19	39.858	25.33	9.19	7.82	6.2	0.77
125	2/9/2008 19:31	10.19	40.115	25.51	9.31	7.83	7.3	0.79
126	2/9/2008 19:46	10.21	40.258	25.61	9.33	7.83	7.3	0.85
127	2/9/2008 20:01	10.16	39.959	25.4	9.4	7.83	7.4	0.92
128	2/9/2008 20:16	10.17	40.177	25.56	9.37	7.83	7.4	1.01
129	2/9/2008 20:31	10.09	38.408	24.32	9.51	7.81	7.6	1.07
130	2/9/2008 20:46	10.15	38.790	24.58	9.5	7.81	7.5	1.18
131	2/9/2008 21:01	10.15	39.218	24.88	9.43	7.82	7.7	1.25
132	2/9/2008 21:16	10.13	38.979	24.72	9.44	7.81	7.3	1.33
133	2/9/2008 21:31	10.16	39.392	25.01	9.41	7.82	7.8	1.45
134	2/9/2008 21:46	10.14	39.849	25.32	9.43	7.82	7.8	1.56

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	2/9/2008 22:01	10.08	40.099	25.5	9.44	7.83	8.1	1.65
136	2/9/2008 22:16	10.06	39.513	25.09	9.5	7.82	7.5	1.75
137	2/9/2008 22:31	10.09	41.972	26.81	9.47	7.85	9.5	1.86
138	2/9/2008 22:46	10.11	42.160	26.95	9.51	7.85	10.9	1.97
139	2/9/2008 23:01	10.1	42.469	27.16	9.53	7.86	11.2	2.08
140	2/9/2008 23:16	10.02	42.463	27.16	9.54	7.86	14.2	2.18
141	2/9/2008 23:31	9.99	42.893	27.46	9.57	7.86	18.1	2.28
142	2/9/2008 23:46	9.99	43.365	27.79	9.6	7.87	20.6	2.37
143	2/10/2008 00:01	9.95	43.634	27.98	9.62	7.87	19.7	2.47
144	2/10/2008 00:16	9.93	44.130	28.33	9.62	7.87	20.7	2.56
145	2/10/2008 00:31	9.85	45.447	29.26	9.65	7.88	19.5	2.66
146	2/10/2008 00:46	9.82	45.909	29.59	9.66	7.88	18.0	2.74
147	2/10/2008 01:01	9.79	46.427	29.96	9.67	7.89	16.7	2.84
148	2/10/2008 01:16	9.76	46.943	30.33	9.65	7.89	16.6	2.91
149	2/10/2008 01:31	9.71	47.142	30.47	9.68	7.89	12.3	2.97
150	2/10/2008 01:46	9.67	47.398	30.65	9.69	7.89	11.1	3.04
151	2/10/2008 02:01	9.64	47.661	30.83	9.7	7.9	6.9	3.07
152	2/10/2008 02:16	9.67	47.497	30.72	9.66	7.89	11.2	3.07
153	2/10/2008 02:31	9.63	47.621	30.8	9.75	7.9	11.5	3.07
154	2/10/2008 02:46	9.68	46.217	29.8	9.63	7.89	10.9	3.04
155	2/10/2008 03:01	9.71	45.497	29.29	9.57	7.88	13.9	2.95
156	2/10/2008 03:16	9.74	44.416	28.52	9.51	7.86	12.3	2.87
157	2/10/2008 03:31	9.76	44.544	28.62	9.5	7.87	14.2	2.77
158	2/10/2008 03:46	9.77	44.334	28.47	9.49	7.86	13.0	2.65
159	2/10/2008 04:01	9.8	44.367	28.49	9.49	7.86	15.5	2.55
160	2/10/2008 04:16	9.77	43.654	27.98	9.41	7.85	10.1	2.45
161	2/10/2008 04:31	9.79	43.790	28.08	9.41	7.85	10.3	2.34
162	2/10/2008 04:46	9.83	43.166	27.64	9.4	7.85	10.7	2.24
163	2/10/2008 05:01	9.85	42.293	27.03	9.37	7.84	9.9	2.13
164	2/10/2008 05:16	9.84	42.124	26.91	9.33	7.83	8.8	2.02
165	2/10/2008 05:31	9.8	42.042	26.85	9.28	7.83	8.1	1.92
166	2/10/2008 05:46	9.78	41.601	26.54	9.24	7.82	7.5	1.83
167	2/10/2008 06:01	9.75	41.593	26.53	9.18	7.81	7.6	1.70
168	2/10/2008 06:16	9.69	41.067	26.16	9.13	7.8	6.2	1.62
169	2/10/2008 06:31	9.64	40.955	26.07	9.09	7.8	6.4	1.52
170	2/10/2008 06:46	9.64	40.718	25.91	9.03	7.79	5.9	1.41
171	2/10/2008 07:01	9.62	40.673	25.88	8.97	7.78	6.2	1.35
172	2/10/2008 07:16	9.62	40.652	25.86	8.98	7.78	6.1	1.29
173	2/10/2008 07:31	9.62	40.654	25.86	8.93	7.78	5.1	1.25
174	2/10/2008 07:46	9.62	40.680	25.88	8.82	7.77	3.6	1.26
175	2/10/2008 08:01	9.59	40.535	25.78	8.96	7.78	4.2	1.25
176	2/10/2008 08:16	9.62	40.780	25.95	9.03	7.79	4.5	1.27
177	2/10/2008 08:31	9.64	40.663	25.87	9.04	7.79	4.9	1.32
178	2/10/2008 08:46	9.69	40.975	26.09	9.03	7.79	5.1	1.38
179	2/10/2008 09:01	9.63	40.813	25.97	9.07	7.79	5.4	1.47

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	2/10/2008 09:16	9.7	40.977	26.09	9.07	7.8	5.7	1.55
181	2/10/2008 09:31	9.71	40.992	26.1	9.11	7.8	7.1	1.64
182	2/10/2008 09:46	9.75	41.232	26.27	9.12	7.8	6.5	1.72
183	2/10/2008 10:01	9.78	42.165	26.93	9.2	7.82	8.0	1.83
184	2/10/2008 10:16	9.79	42.328	27.05	9.24	7.82	7.5	1.89
185	2/10/2008 10:31	9.8	42.391	27.09	9.31	7.83	7.1	2.00
186	2/10/2008 10:46	9.82	42.907	27.46	9.33	7.84	7.9	2.07
187	2/10/2008 11:01	9.86	43.158	27.64	9.36	7.84	7.1	2.15
188	2/10/2008 11:16	9.92	43.366	27.79	9.41	7.85	7.1	2.24
189	2/10/2008 11:31	9.86	43.853	28.13	9.42	7.85	8.2	2.30
190	2/10/2008 11:46	9.83	44.392	28.51	9.42	7.85	9.5	2.38
191	2/10/2008 12:01	9.86	44.454	28.56	9.45	7.86	11.0	2.46
192	2/10/2008 12:16	9.84	44.672	28.71	9.48	7.86	10.6	2.52
193	2/10/2008 12:31	9.82	44.951	28.91	9.49	7.86	10.6	2.61
194	2/10/2008 12:46	9.82	45.022	28.96	9.52	7.87	10.4	2.69
195	2/10/2008 13:01	9.78	45.708	29.45	9.5	7.87	10.4	2.75
196	2/10/2008 13:16	9.73	46.233	29.82	9.49	7.87	9.6	2.81
197	2/10/2008 13:31	9.67	46.380	29.92	9.43	7.87	6.7	2.85
198	2/10/2008 13:46	9.68	46.922	30.31	9.36	7.87	6.4	2.90
199	2/10/2008 14:01	9.69	47.062	30.41	9.32	7.87	4.7	2.92
200	2/10/2008 14:16	9.7	46.938	30.32	9.36	7.87	8.8	2.91
201	2/10/2008 14:31	9.67	46.878	30.27	9.4	7.87	10.0	2.88
202	2/10/2008 14:46	9.91	45.860	29.56	9.51	7.87	7.5	2.84
203	2/10/2008 15:01	10.25	44.437	28.57	10.08	7.9	11.5	2.77
204	2/10/2008 15:16	10.26	44.458	28.58	10.04	7.91	7.1	2.67
205	2/10/2008 15:31	10.19	44.167	28.37	9.73	7.88	9.3	2.58
206	2/10/2008 15:46	10.25	43.890	28.18	9.67	7.88	7.0	2.47
207	2/10/2008 16:01	10.21	44.085	28.31	9.63	7.88	7.5	2.38
208	2/10/2008 16:16	10.25	43.503	27.9	9.62	7.87	7.8	2.27
209	2/10/2008 16:31	10.27	43.151	27.66	9.59	7.87	7.3	2.16
210	2/10/2008 16:46	10.26	42.722	27.35	9.67	7.87	6.5	2.07
211	2/10/2008 17:01	10.27	42.470	27.17	9.64	7.88	6.3	1.95
212	2/10/2008 17:16	10.29	42.313	27.06	9.66	7.87	6.6	1.82
213	2/10/2008 17:31	10.25	42.329	27.07	9.61	7.87	6.5	1.72
214	2/10/2008 17:46	10.3	41.840	26.73	9.64	7.87	6.6	1.61
215	2/10/2008 18:01	10.34	41.532	26.52	9.6	7.86	6.9	1.48
216	2/10/2008 18:16	10.35	41.344	26.38	9.56	7.86	8.3	1.37
217	2/10/2008 18:31	10.34	41.254	26.32	9.49	7.86	7.6	1.25
218	2/10/2008 18:46	10.34	41.178	26.27	9.45	7.85	7.8	1.19
219	2/10/2008 19:01	10.35	40.962	26.11	9.43	7.84	7.8	1.09
220	2/10/2008 19:16	10.36	40.627	25.88	9.41	7.84	6.4	1.04
221	2/10/2008 19:31	10.36	40.735	25.96	9.32	7.83	5.1	0.99
222	2/10/2008 19:46	10.34	40.709	25.94	9.29	7.83	3.4	0.98
223	2/10/2008 20:01	10.35	40.877	26.06	9.26	7.83	4.8	0.99
224	2/10/2008 20:16	10.34	40.931	26.09	9.31	7.84	5.4	1.04

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	2/10/2008 20:31	10.31	41.004	26.14	9.36	7.84	5.5	1.10
226	2/10/2008 20:46	10.31	40.978	26.12	9.38	7.84	5.1	1.16
227	2/10/2008 21:01	10.3	40.741	25.96	9.37	7.83	5.7	1.24
228	2/10/2008 21:16	10.21	39.139	24.83	9.48	7.81	5.6	1.32
229	2/10/2008 21:31	10.29	40.484	25.78	9.4	7.83	6.0	1.42
230	2/10/2008 21:46	10.29	40.428	25.74	9.42	7.83	5.8	1.52
231	2/10/2008 22:01	10.26	39.985	25.42	9.46	7.82	5.6	1.62
232	2/10/2008 22:16	10.26	40.612	25.87	9.47	7.83	5.7	1.71
233	2/10/2008 22:31	10.22	42.033	26.86	9.41	7.84	6.9	1.81
234	2/10/2008 22:46	10.2	42.226	27	9.41	7.84	7.2	1.90
235	2/10/2008 23:01	10.19	42.755	27.37	9.41	7.84	7.3	2.00
236	2/10/2008 23:16	10.19	42.826	27.42	9.45	7.85	7.6	2.10
237	2/10/2008 23:31	10.16	43.601	27.97	9.46	7.85	11.2	2.19
238	2/10/2008 23:46	10.13	43.617	27.98	9.47	7.86	12.3	2.28
239	2/11/2008 00:01	10.09	43.936	28.2	9.48	7.86	12.7	2.37
240	2/11/2008 00:16	10.04	44.322	28.47	9.49	7.86	12.8	2.46
241	2/11/2008 00:31	9.99	44.681	28.73	9.49	7.86	12.1	2.55
242	2/11/2008 00:46	9.94	45.248	29.13	9.47	7.86	16.8	2.65
243	2/11/2008 01:01	9.85	46.414	29.95	9.47	7.87	19.2	2.75
244	2/11/2008 01:16	9.81	46.791	30.22	9.48	7.87	14.8	2.84
245	2/11/2008 01:31	9.77	47.424	30.67	9.49	7.88	14.4	2.94
246	2/11/2008 01:46	9.73	47.980	31.07	9.47	7.88	15.7	3.02
247	2/11/2008 02:01	9.68	48.232	31.25	9.46	7.88	12.9	3.12
248	2/11/2008 02:16	9.65	48.385	31.35	9.45	7.88	9.2	3.15
249	2/11/2008 02:31	9.64	48.541	31.46	9.41	7.88	8.2	3.21
250	2/11/2008 02:46	9.67	48.265	31.27	9.36	7.88	10.6	3.22
251	2/11/2008 03:01	9.64	48.656	31.55	9.43	7.88	11.5	3.19
252	2/11/2008 03:16	9.76	45.827	29.53	9.43	7.86	9.4	3.19
253	2/11/2008 03:31	9.77	46.581	30.07	9.41	7.86	12.6	3.10
254	2/11/2008 03:46	9.84	45.632	29.39	9.37	7.86	11.4	2.99
255	2/11/2008 04:01	9.85	45.860	29.56	9.35	7.86	10.8	2.92
256	2/11/2008 04:16	9.86	45.293	29.15	9.35	7.85	12.1	2.81
257	2/11/2008 04:31	9.87	45.054	28.98	9.37	7.86	12.1	2.70
258	2/11/2008 04:46	9.91	44.583	28.65	9.31	7.85	12.4	2.63
259	2/11/2008 05:01	9.94	44.029	28.26	9.35	7.85	10.4	2.50
260	2/11/2008 05:16	9.93	44.226	28.4	9.26	7.84	9.4	2.38
261	2/11/2008 05:31	9.92	44.368	28.5	9.28	7.84	7.1	2.28
262	2/11/2008 05:46	9.95	43.631	27.98	9.26	7.83	7.5	2.17
263	2/11/2008 06:01	9.97	43.249	27.71	9.24	7.83	8.1	2.06
264	2/11/2008 06:16	10	42.972	27.51	9.19	7.82	7.3	1.95
265	2/11/2008 06:31	9.99	42.480	27.17	9.15	7.82	7.6	1.85
266	2/11/2008 06:46	9.98	42.292	27.03	9.06	7.81	6.6	1.73
267	2/11/2008 07:01	9.98	42.095	26.89	9.02	7.8	6.0	1.61
268	2/11/2008 07:16	9.98	41.652	26.58	8.96	7.79	6.2	1.49
269	2/11/2008 07:31	9.96	41.259	26.3	8.93	7.78	5.1	1.39

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	2/11/2008 07:46	9.95	41.170	26.24	8.88	7.78	4.6	1.33
271	2/11/2008 08:01	9.96	41.176	26.25	8.86	7.78	5.0	1.23
272	2/11/2008 08:16	9.98	41.207	26.27	8.84	7.78	4.8	1.20
273	2/11/2008 08:31	9.98	40.950	26.09	8.66	7.76	3.2	1.18
274	2/11/2008 08:46	9.99	41.520	26.49	8.86	7.78	3.8	1.14
275	2/11/2008 09:01	9.98	41.557	26.52	8.9	7.79	4.1	1.17
276	2/11/2008 09:16	9.99	41.612	26.55	8.93	7.79	4.5	1.23
277	2/11/2008 09:31	10.01	41.607	26.55	8.94	7.79	4.7	1.29
278	2/11/2008 09:46	10.01	41.594	26.54	8.94	7.79	4.6	1.34
279	2/11/2008 10:01	9.99	41.366	26.38	8.97	7.79	4.6	1.42
280	2/11/2008 10:16	10.01	41.644	26.58	8.98	7.79	4.5	1.51
281	2/11/2008 10:31	10.01	41.679	26.6	9.01	7.8	5.4	1.60
282	2/11/2008 10:46	10	41.461	26.45	9.04	7.79	5.0	1.68
283	2/11/2008 11:01	9.99	41.708	26.62	9.08	7.8	5.4	1.76
284	2/11/2008 11:16	10	42.921	27.48	9.1	7.81	6.2	1.86
285	2/11/2008 11:31	10	43.172	27.66	9.15	7.82	5.9	1.91
286	2/11/2008 11:46	9.99	43.461	27.86	9.19	7.83	5.7	1.99
287	2/11/2008 12:01	10.02	43.296	27.74	9.23	7.83	5.9	2.06
288	2/11/2008 12:16	10	43.911	28.18	9.24	7.83	6.0	2.14
289	2/11/2008 12:31	10.01	44.081	28.3	9.24	7.84	6.5	2.21
290	2/11/2008 12:46	9.99	44.531	28.62	9.26	7.84	8.9	2.28
291	2/11/2008 13:01	10.01	44.606	28.67	9.27	7.84	7.2	2.34
292	2/11/2008 13:16	10.02	44.720	28.76	9.29	7.84	9.4	2.42
293	2/11/2008 13:31	9.99	44.978	28.94	9.29	7.85	8.3	2.46
294	2/11/2008 13:46	9.95	45.060	28.99	9.3	7.85	6.9	2.52
295	2/11/2008 14:01	9.95	45.134	29.05	9.31	7.85	7.0	2.58
296	2/11/2008 14:16	9.95	45.362	29.21	9.3	7.85	5.7	2.62
297	2/11/2008 14:31	9.91	45.491	29.3	9.26	7.85	3.9	2.66
298	2/11/2008 14:46	9.87	45.814	29.53	9.24	7.85	5.4	2.70
299	2/11/2008 15:01	9.98	45.437	29.26	9.26	7.85	6.0	2.70
300	2/11/2008 15:16	9.91	45.372	29.21	9.21	7.85	5.2	2.70
301	2/11/2008 15:31	9.9	45.559	29.35	9.22	7.85	7.7	2.68
302	2/11/2008 15:46	9.95	45.419	29.25	9.21	7.85	10.8	2.64
303	2/11/2008 16:01	10.21	44.326	28.49	9.61	7.88	5.6	2.57
304	2/11/2008 16:16	10.14	44.466	28.58	9.51	7.87	6.1	2.51
305	2/11/2008 16:31	10.16	44.366	28.51	9.53	7.87	6.3	2.42
306	2/11/2008 16:46	10.18	44.207	28.4	9.44	7.86	6.7	2.32
307	2/11/2008 17:01	10.18	43.947	28.22	9.43	7.86	5.3	2.24
308	2/11/2008 17:16	10.25	43.408	27.84	9.49	7.85	7.8	2.13
309	2/11/2008 17:31	10.31	43.657	28.02	9.6	7.89	6.4	2.03
310	2/11/2008 17:46	10.26	42.802	27.41	9.41	7.84	6.9	1.92
311	2/11/2008 18:01	10.28	42.640	27.29	9.37	7.84	6.5	1.84
312	2/11/2008 18:16	10.3	42.323	27.07	9.34	7.85	5.7	1.76
313	2/11/2008 18:31	10.32	42.258	27.03	9.36	7.85	5.4	1.65
314	2/11/2008 18:46	10.36	42.091	26.91	9.34	7.85	5.5	1.56

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	2/11/2008 19:01	10.39	42.003	26.85	9.31	7.84	5.5	1.49
316	2/11/2008 19:16	10.41	41.851	26.74	9.28	7.84	6.4	1.38
317	2/11/2008 19:31	10.44	41.717	26.65	9.28	7.84	6.6	1.34
318	2/11/2008 19:46	10.42	41.695	26.63	9.23	7.83	6.4	1.28
319	2/11/2008 20:01	10.43	41.540	26.53	9.19	7.83	6.4	1.27
320	2/11/2008 20:16	10.43	41.546	26.53	9.03	7.82	3.2	1.26
321	2/11/2008 20:31	10.38	41.635	26.59	9.17	7.83	4.1	1.26
322	2/11/2008 20:46	10.33	41.872	26.75	9.22	7.84	4.0	1.27
323	2/11/2008 21:01	10.32	41.964	26.82	9.2	7.83	4.9	1.32
324	2/11/2008 21:16	10.29	41.890	26.77	9.2	7.83	5.7	1.37
325	2/11/2008 21:31	10.26	42.070	26.89	9.19	7.83	4.0	1.41
326	2/11/2008 21:46	10.27	41.952	26.81	9.21	7.83	4.8	1.52
327	2/11/2008 22:01	10.27	41.995	26.84	9.21	7.82	5.1	1.57
328	2/11/2008 22:16	10.28	42.095	26.91	9.2	7.82	5.7	1.65
329	2/11/2008 22:31	10.26	42.215	26.99	9.21	7.83	5.3	1.74
330	2/11/2008 22:46	10.23	42.873	27.46	9.24	7.83	6.2	1.82
331	2/11/2008 23:01	10.2	43.102	27.62	9.25	7.83	6.0	1.92
332	2/11/2008 23:16	10.16	43.608	27.97	9.26	7.84	7.3	2.01
333	2/11/2008 23:31	10.13	43.830	28.13	9.29	7.84	6.5	2.10
334	2/11/2008 23:46	10.12	44.315	28.47	9.3	7.85	8.6	2.19
335	2/12/2008 00:01	10.08	44.541	28.63	9.32	7.85	8.4	2.27
336	2/12/2008 00:16	10.03	45.208	29.1	9.3	7.85	8.2	2.37
337	2/12/2008 00:31	10	45.282	29.15	9.32	7.85	10.1	2.46
338	2/12/2008 00:46	9.97	45.432	29.26	9.33	7.85	12.5	2.56
339	2/12/2008 01:01	9.94	45.785	29.51	9.32	7.85	11.8	2.65
340	2/12/2008 01:16	9.88	46.167	29.78	9.34	7.86	17.0	2.74
341	2/12/2008 01:31	9.84	46.790	30.22	9.35	7.86	14.2	2.85
342	2/12/2008 01:46	9.8	47.175	30.49	9.38	7.86	15.9	2.92
343	2/12/2008 02:01	9.78	47.862	30.99	9.38	7.86	13.8	3.00
344	2/12/2008 02:16	9.75	48.203	31.23	9.38	7.87	12.2	3.09
345	2/12/2008 02:31	9.72	48.470	31.42	9.36	7.87	9.5	3.16
346	2/12/2008 02:46	9.7	48.588	31.5	9.33	7.87	9.2	3.21
347	2/12/2008 03:01	9.69	48.730	31.6	9.34	7.87	7.7	3.24
348	2/12/2008 03:16	9.69	48.748	31.62	9.25	7.86	5.2	3.26
349	2/12/2008 03:31	9.69	48.778	31.64	9.33	7.87	10.2	3.26
350	2/12/2008 03:46	9.74	47.658	30.84	9.33	7.86	10.6	3.22
351	2/12/2008 04:01	9.73	47.648	30.83	9.28	7.85	9.2	3.18
352	2/12/2008 04:16	9.77	46.726	30.17	9.3	7.85	8.6	3.11
353	2/12/2008 04:31	9.8	46.030	29.68	9.26	7.85	7.2	3.03
354	2/12/2008 04:46	9.81	46.017	29.67	9.24	7.84	9.6	2.93
355	2/12/2008 05:01	9.82	46.029	29.68	9.24	7.84	10.6	2.82
356	2/12/2008 05:16	9.8	46.034	29.68	9.21	7.84	7.9	2.71
357	2/12/2008 05:31	9.82	45.100	29.01	9.21	7.84	8.2	2.62
358	2/12/2008 05:46	9.84	45.118	29.03	9.22	7.84	7.0	2.51
359	2/12/2008 06:01	9.85	45.140	29.04	9.21	7.84	7.1	2.39

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	2/12/2008 06:16	9.86	44.802	28.8	9.16	7.83	7.3	2.27
361	2/12/2008 06:31	9.92	44.239	28.41	9.14	7.83	6.1	2.20
362	2/12/2008 06:46	10	43.597	27.96	9.09	7.82	7.1	2.08
363	2/12/2008 07:01	9.97	43.665	28	9.04	7.82	7.5	1.96
364	2/12/2008 07:16	9.95	43.767	28.08	8.99	7.81	6.7	1.84
365	2/12/2008 07:31	9.97	43.124	27.62	8.96	7.8	7.2	1.73
366	2/12/2008 07:46	10.01	43.061	27.58	8.93	7.8	5.2	1.64
367	2/12/2008 08:01	10.02	42.388	27.1	8.89	7.79	5.6	1.52
368	2/12/2008 08:16	10.03	42.491	27.18	8.82	7.79	5.0	1.41
369	2/12/2008 08:31	10.03	42.540	27.21	8.78	7.79	4.7	1.34
370	2/12/2008 08:46	10.05	42.419	27.13	8.78	7.79	4.5	1.25
371	2/12/2008 09:01	10.06	42.255	27.01	8.74	7.78	5.1	1.20
372	2/12/2008 09:16	10.08	42.248	27.01	8.73	7.78	4.9	1.14
373	2/12/2008 09:31	10.07	42.206	26.98	8.45	7.77	4.0	1.13
374	2/12/2008 09:46	10.08	42.688	27.32	8.75	7.79	3.7	1.11
375	2/12/2008 10:01	10.09	42.448	27.15	8.85	7.79	3.8	1.15
376	2/12/2008 10:16	10.1	42.686	27.32	8.87	7.8	4.1	1.18
377	2/12/2008 10:31	10.1	42.352	27.08	8.77	7.8	4.1	1.25
378	2/12/2008 10:46	10.11	42.564	27.23	8.92	7.8	4.5	1.32
379	2/12/2008 11:01	10.08	41.714	26.63	8.94	7.79	5.0	1.38
380	2/12/2008 11:16	10.05	41.321	26.35	8.94	7.78	4.9	1.46
381	2/12/2008 11:31	10.05	42.012	26.84	8.93	7.79	5.0	1.54
382	2/12/2008 11:46	10.05	41.924	26.78	8.93	7.79	5.2	1.60
383	2/12/2008 12:01	10.06	42.046	26.86	8.9	7.79	4.0	1.66
384	2/12/2008 12:16	10.05	42.342	27.07	8.95	7.8	4.6	1.74
385	2/12/2008 12:31	10.03	43.129	27.63	8.97	7.8	4.7	1.81
386	2/12/2008 12:46	10.02	43.439	27.85	9.01	7.81	5.4	1.88
387	2/12/2008 13:01	10.02	43.481	27.88	9.04	7.82	5.3	1.92
388	2/12/2008 13:16	10	44.101	28.31	9.07	7.82	5.4	2.00
389	2/12/2008 13:31	10	44.182	28.37	9.11	7.83	5.5	2.07
390	2/12/2008 13:46	9.98	44.413	28.54	9.09	7.83	5.4	2.13
391	2/12/2008 14:01	9.97	44.645	28.7	9.1	7.83	5.1	2.20
392	2/12/2008 14:16	9.96	44.728	28.76	9.12	7.83	5.1	2.27
393	2/12/2008 14:31	9.98	44.901	28.88	9.12	7.83	5.7	2.31
394	2/12/2008 14:46	9.96	45.062	29	9.11	7.83	5.9	2.36
395	2/12/2008 15:01	9.94	45.148	29.06	9.13	7.83	5.5	2.41
396	2/12/2008 15:16	9.94	45.229	29.11	9.1	7.83	7.1	2.45
397	2/12/2008 15:31	9.96	45.341	29.19	9.07	7.83	4.2	2.48
398	2/12/2008 15:46	9.95	45.387	29.23	9.07	7.83	4.3	2.52
399	2/12/2008 16:01	9.97	45.269	29.14	8.9	7.82	4.2	2.51
400	2/12/2008 16:16	9.95	45.040	28.98	9	7.82	4.3	2.50
401	2/12/2008 16:31	9.94	45.519	29.32	9.12	7.84	5.5	2.49
402	2/12/2008 16:46	9.94	45.387	29.23	9.14	7.84	6.0	2.46
403	2/12/2008 17:01	10	44.965	28.93	9.15	7.83	7.2	2.40
404	2/12/2008 17:16	10.25	44.453	28.58	9.63	7.9	6.4	2.35

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	2/12/2008 17:31	10.14	44.623	28.69	9.54	7.89	12.6	2.28
406	2/12/2008 17:46	10.05	44.707	28.75	9.42	7.87	7.0	2.22
407	2/12/2008 18:01	10.08	44.492	28.6	9.33	7.86	9.8	2.15
408	2/12/2008 18:16	10.08	44.384	28.52	9.4	7.87	10.4	2.05
409	2/12/2008 18:31	10.1	43.755	28.07	9.34	7.86	13.6	1.99
410	2/12/2008 18:46	10.13	43.075	27.59	9.31	7.85	16.0	1.92
411	2/12/2008 19:01	10.14	43.049	27.58	9.21	7.84	16.4	1.83
412	2/12/2008 19:16	10.18	42.911	27.48	9.2	7.84	16.1	1.77
413	2/12/2008 19:31	10.2	42.717	27.34	9.19	7.83	18.6	1.74
414	2/12/2008 19:46	10.23	42.509	27.2	9.18	7.83	20.3	1.62
415	2/12/2008 20:01	10.22	42.624	27.28	9.16	7.83	19.8	1.59
416	2/12/2008 20:16	10.26	42.569	27.24	9.13	7.83	17.8	1.55
417	2/12/2008 20:31	10.29	42.694	27.33	9.18	7.83	18.7	1.51
418	2/12/2008 20:46	10.35	42.400	27.13	9.13	7.83	15.8	1.53
419	2/12/2008 21:01	10.33	42.419	27.14	9.02	7.82	11.2	1.49
420	2/12/2008 21:16	10.26	42.753	27.37	9.05	7.83	12.6	1.52
421	2/12/2008 21:31	10.21	42.813	27.41	9.09	7.83	12.5	1.52
422	2/12/2008 21:46	10.26	42.755	27.37	9.13	7.83	12.6	1.55
423	2/12/2008 22:01	10.28	42.674	27.32	9.11	7.83	13.4	1.61
424	2/12/2008 22:16	10.24	42.854	27.44	9.08	7.82	12.1	1.67
425	2/12/2008 22:31	10.21	42.748	27.37	9.11	7.82	11.3	1.72
426	2/12/2008 22:46	10.2	42.686	27.32	9.1	7.82	10.5	1.78
427	2/12/2008 23:01	10.21	42.660	27.3	9.15	7.83	11.1	1.85
428	2/12/2008 23:16	10.2	42.727	27.35	9.14	7.83	10.8	1.93
429	2/12/2008 23:31	10.21	42.776	27.39	9.18	7.83	9.7	1.98
430	2/12/2008 23:46	10.18	43.075	27.6	9.18	7.83	10.8	2.08
431	2/13/2008 00:01	10.16	43.381	27.81	9.19	7.83	10.0	2.14
432	2/13/2008 00:16	10.12	43.724	28.05	9.23	7.84	10.0	2.25
433	2/13/2008 00:31	10.09	43.934	28.2	9.26	7.84	8.6	2.32
434	2/13/2008 00:46	10.05	44.362	28.5	9.27	7.85	7.9	2.39
435	2/13/2008 01:01	10.03	44.638	28.7	9.25	7.85	8.7	2.49
436	2/13/2008 01:16	9.96	45.499	29.31	9.24	7.85	6.5	2.57
437	2/13/2008 01:31	9.91	46.494	30.01	9.23	7.85	12.2	2.67
438	2/13/2008 01:46	9.88	46.779	30.22	9.23	7.85	19.0	2.74
439	2/13/2008 02:01	9.86	46.898	30.3	9.23	7.85	15.9	2.83
440	2/13/2008 02:16	9.83	47.144	30.47	9.22	7.86	17.0	2.91
441	2/13/2008 02:31	9.79	47.601	30.8	9.23	7.86	17.4	2.98
442	2/13/2008 02:46	9.77	47.919	31.03	9.22	7.86	12.9	3.07
443	2/13/2008 03:01	9.76	48.021	31.1	9.22	7.86	10.7	3.12
444	2/13/2008 03:16	9.75	48.349	31.33	9.2	7.86	9.0	3.17
445	2/13/2008 03:31	9.74	48.556	31.48	9.17	7.86	6.8	3.22
446	2/13/2008 03:46	9.73	48.618	31.53	9.14	7.86	6.2	3.22
447	2/13/2008 04:01	9.74	48.433	31.39	8.97	7.85	6.2	3.25
448	2/13/2008 04:16	9.73	48.345	31.33	9.17	7.86	10.0	3.23
449	2/13/2008 04:31	9.69	47.947	31.04	9.17	7.85	21.2	3.19

sonde #1		Indian Island Long-Term Deployment			Water Quality Data			TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
450	2/13/2008 04:46	9.64	48.101	31.15	9.19	7.86	23.9	3.15
451	2/13/2008 05:01	9.65	48.158	31.19	9.21	7.86	23.8	3.08
452	2/13/2008 05:16	9.62	48.587	31.5	9.2	7.86	26.3	3.02
453	2/13/2008 05:31	9.66	47.677	30.85	9.21	7.86	28.9	2.94
454	2/13/2008 05:46	9.68	46.325	29.88	9.23	7.85	45.0	2.82
455	2/13/2008 06:01	9.62	47.014	30.37	9.21	7.85	46.6	2.74
456	2/13/2008 06:16	9.57	46.986	30.34	9.23	7.85	57.5	2.65
457	2/13/2008 06:31	9.53	46.849	30.24	9.21	7.85	71.5	2.56
458	2/13/2008 06:46	9.59	46.075	29.7	9.2	7.85	55.7	2.42
459	2/13/2008 07:01	9.6	45.648	29.39	9.22	7.85	53.1	2.34
460	2/13/2008 07:16	9.68	44.812	28.8	9.24	7.84	42.1	2.23
461	2/13/2008 07:31	9.65	44.474	28.56	9.23	7.84	50.6	2.12
462	2/13/2008 07:46	9.66	44.003	28.23	9.21	7.83	42.3	2.00
463	2/13/2008 08:01	9.62	44.016	28.23	9.25	7.84	40.8	1.89
464	2/13/2008 08:16	9.55	44.195	28.35	9.26	7.84	39.5	1.79
465	2/13/2008 08:31	9.69	43.149	27.62	9.21	7.83	49.9	1.68
466	2/13/2008 08:46	9.6	43.501	27.87	9.27	7.84	41.9	1.57
467	2/13/2008 09:01	9.64	42.845	27.4	9.28	7.83	42.6	1.48
468	2/13/2008 09:16	9.73	42.687	27.3	9.21	7.83	42.4	1.39
469	2/13/2008 09:31	9.72	42.658	27.28	9.19	7.83	41.5	1.26
470	2/13/2008 09:46	9.74	42.454	27.13	9.17	7.83	52.6	1.19
471	2/13/2008 10:01	9.76	42.376	27.08	9.13	7.82	51.3	1.16
472	2/13/2008 10:16	9.79	42.362	27.07	9.01	7.81	36.1	1.09
473	2/13/2008 10:31	9.8	42.480	27.16	8.93	7.8	28.6	1.02
474	2/13/2008 10:46	9.82	42.417	27.11	8.81	7.8	29.3	1.07
475	2/13/2008 11:01	9.83	42.368	27.08	9.01	7.81	27.5	1.08
476	2/13/2008 11:16	9.83	42.528	27.19	9.03	7.81	25.0	1.06
477	2/13/2008 11:31	9.86	42.512	27.18	9.06	7.82	28.6	1.12
478	2/13/2008 11:46	9.86	42.277	27.02	9.03	7.81	28.7	1.17
479	2/13/2008 12:01	9.88	42.460	27.15	9.03	7.81	25.4	1.23
480	2/13/2008 12:16	9.89	42.531	27.2	8.99	7.81	31.3	1.25
481	2/13/2008 12:31	9.87	42.611	27.25	9.01	7.81	21.7	1.33
482	2/13/2008 12:46	9.89	42.572	27.23	8.98	7.81	21.4	1.39
483	2/13/2008 13:01	9.91	42.645	27.28	9.01	7.81	22.0	1.45
484	2/13/2008 13:16	9.92	42.618	27.26	9.04	7.81	21.8	1.50
485	2/13/2008 13:31	9.93	42.504	27.18	9.03	7.81	21.7	1.58
486	2/13/2008 13:46	9.94	42.448	27.14	9.12	7.81	21.6	1.68
487	2/13/2008 14:01	9.82	42.866	27.43	9.01	7.81	19.0	1.72
488	2/13/2008 14:16	9.83	43.275	27.72	9.04	7.82	18.3	1.79
489	2/13/2008 14:31	9.77	43.877	28.14	9.07	7.82	16.9	1.83
490	2/13/2008 14:46	9.79	43.758	28.06	9.05	7.82	15.3	1.90
491	2/13/2008 15:01	9.8	43.899	28.16	9.14	7.83	16.7	1.99
492	2/13/2008 15:16	9.91	43.800	28.1	9.09	7.83	14.5	2.02
493	2/13/2008 15:31	9.96	43.617	27.97	9.11	7.83	13.4	2.09
494	2/13/2008 15:46	9.92	43.738	28.05	9.16	7.83	14.8	2.14

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	2/13/2008 16:01	10.13	43.605	27.97	9.18	7.85	14.0	2.18
496	2/13/2008 16:16	10.05	43.506	27.9	9.2	7.85	11.8	2.21
497	2/13/2008 16:31	10.17	43.423	27.84	9.13	7.86	10.8	2.21
498	2/13/2008 16:46	10.39	43.404	27.84	8.98	7.89	11.7	2.27
499	2/13/2008 17:01	10.48	43.632	28.01	9.3	7.93	20.8	2.28
500	2/13/2008 17:16	10.13	43.986	28.24	9.3	7.91	23.0	2.29
501	2/13/2008 17:31	9.82	44.528	28.61	9.15	7.84	20.9	2.27
502	2/13/2008 17:46	9.74	44.651	28.69	9.15	7.84	21.7	2.23
503	2/13/2008 18:01	9.67	44.522	28.59	9.23	7.85	28.9	2.21
504	2/13/2008 18:16	9.63	44.428	28.52	9.25	7.85	37.3	2.20
505	2/13/2008 18:31	9.54	44.452	28.54	9.23	7.85	33.6	2.17
506	2/13/2008 18:46	9.51	44.632	28.66	9.22	7.85	26.4	2.15
507	2/13/2008 19:01	9.45	44.284	28.41	9.24	7.85	31.5	2.09
508	2/13/2008 19:16	9.46	44.004	28.21	9.29	7.85	38.3	2.03
509	2/13/2008 19:31	9.66	43.564	27.91	9.29	7.84	39.2	1.99
510	2/13/2008 19:46	9.71	43.343	27.76	9.29	7.84	39.2	1.93
511	2/13/2008 20:01	9.7	43.102	27.59	9.28	7.84	35.8	1.88
512	2/13/2008 20:16	9.62	43.253	27.69	9.26	7.84	34.9	1.83
513	2/13/2008 20:31	9.68	42.833	27.4	9.25	7.83	34.0	1.78
514	2/13/2008 20:46	9.64	43.223	27.67	9.2	7.83	30.8	1.73
515	2/13/2008 21:01	9.63	43.115	27.6	9.2	7.83	28.9	1.71
516	2/13/2008 21:16	9.71	43.081	27.58	9.15	7.83	28.3	1.67
517	2/13/2008 21:31	9.71	42.917	27.46	9.15	7.83	21.4	1.68
518	2/13/2008 21:46	9.65	43.094	27.58	8.83	7.8	12.2	1.67
519	2/13/2008 22:01	9.67	43.354	27.77	9.01	7.83	18.9	1.67
520	2/13/2008 22:16	9.56	43.152	27.62	9.16	7.83	19.8	1.67
521	2/13/2008 22:31	9.6	43.352	27.76	9.16	7.83	20.5	1.69
522	2/13/2008 22:46	9.55	43.223	27.67	9.2	7.83	18.7	1.69
523	2/13/2008 23:01	9.6	43.246	27.69	9.21	7.83	22.7	1.79
524	2/13/2008 23:16	9.57	43.202	27.65	9.22	7.83	21.5	1.82
525	2/13/2008 23:31	9.52	43.089	27.57	9.24	7.83	22.3	1.83
526	2/13/2008 23:46	9.52	43.098	27.58	9.24	7.83	21.5	1.90
527	2/14/2008 00:01	9.67	44.309	28.44	9.21	7.83	23.0	1.96
528	2/14/2008 00:16	9.68	44.188	28.36	9.24	7.84	22.0	2.02
529	2/14/2008 00:31	9.68	44.429	28.53	9.24	7.84	18.5	2.08
530	2/14/2008 00:46	9.66	44.677	28.7	9.26	7.84	16.3	2.14
531	2/14/2008 01:01	9.65	45.228	29.1	9.27	7.84	14.5	2.21
532	2/14/2008 01:16	9.61	45.274	29.13	9.3	7.85	16.7	2.29
533	2/14/2008 01:31	9.52	45.077	28.98	9.34	7.85	16.3	2.36
534	2/14/2008 01:46	9.42	45.487	29.27	9.34	7.85	14.6	2.43
535	2/14/2008 02:01	9.39	45.685	29.4	9.34	7.85	16.4	2.52
536	2/14/2008 02:16	9.34	46.134	29.72	9.36	7.85	15.4	2.59
537	2/14/2008 02:31	9.43	46.717	30.14	9.37	7.86	12.9	2.68
538	2/14/2008 02:46	9.44	47.116	30.43	9.38	7.86	14.1	2.75
539	2/14/2008 03:01	9.42	47.212	30.5	9.39	7.86	13.1	2.82

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
540	2/14/2008 03:16	9.39	47.385	30.62	9.38	7.86	11.5	2.89
541	2/14/2008 03:31	9.42	47.796	30.91	9.37	7.86	11.0	2.95
542	2/14/2008 03:46	9.35	47.802	30.91	9.34	7.86	9.2	3.01
543	2/14/2008 04:01	9.37	47.994	31.05	9.34	7.86	9.0	3.08
544	2/14/2008 04:16	9.43	48.022	31.08	9.32	7.86	8.9	3.11
545	2/14/2008 04:31	9.4	48.090	31.12	9.25	7.86	6.5	3.14
546	2/14/2008 04:46	9.46	48.039	31.09	9.18	7.86	6.9	3.14
547	2/14/2008 05:01	9.45	47.811	30.93	9.31	7.86	10.4	3.15
548	2/14/2008 05:16	9.38	47.514	30.71	9.3	7.86	12.5	3.12
549	2/14/2008 05:31	9.02	46.614	30.04	9.25	7.85	12.0	3.09
550	2/14/2008 05:46	9	46.528	29.98	9.28	7.85	11.7	3.03
551	2/14/2008 06:01	8.96	45.972	29.58	9.29	7.85	12.6	2.97
552	2/14/2008 06:16	9.04	46.115	29.69	9.23	7.84	14.3	2.91
553	2/14/2008 06:31	8.99	45.764	29.43	9.27	7.84	14.1	2.83
554	2/14/2008 06:46	9.1	45.972	29.59	9.26	7.85	23.3	2.72
555	2/14/2008 07:01	9.12	46.232	29.78	9.2	7.84	15.3	2.65
556	2/14/2008 07:16	9.15	45.699	29.4	9.22	7.84	17.1	2.54
557	2/14/2008 07:31	9.06	45.422	29.2	9.21	7.84	14.2	2.45
558	2/14/2008 07:46	8.92	44.999	28.89	9.17	7.83	13.7	2.35
559	2/14/2008 08:01	8.89	45.121	28.97	9.17	7.83	11.9	2.28
560	2/14/2008 08:16	8.94	45.232	29.05	9.19	7.84	12.7	2.16
561	2/14/2008 08:31	8.94	45.229	29.05	9.24	7.84	11.1	2.05
562	2/14/2008 08:46	8.93	45.004	28.89	9.26	7.84	11.5	1.96
563	2/14/2008 09:01	8.99	44.645	28.64	9.29	7.84	12.8	1.83
564	2/14/2008 09:16	8.97	44.716	28.69	9.36	7.85	12.6	1.73
565	2/14/2008 09:31	8.95	44.533	28.56	9.44	7.85	11.8	1.63
566	2/14/2008 09:46	8.96	44.129	28.27	9.5	7.85	11.7	1.50
567	2/14/2008 10:01	8.98	43.874	28.09	9.44	7.84	12.2	1.41
568	2/14/2008 10:16	9.02	43.772	28.02	9.55	7.85	12.6	1.29
569	2/14/2008 10:31	9.08	43.772	28.03	9.42	7.85	12.4	1.20
570	2/14/2008 10:46	9.08	43.763	28.02	9.2	7.83	11.9	1.12
571	2/14/2008 11:01	9.1	43.641	27.94	9.19	7.83	11.0	1.07
572	2/14/2008 11:16	9.18	43.539	27.87	9.27	7.83	11.8	0.99
573	2/14/2008 11:31	9.18	43.824	28.07	9.07	7.82	5.9	0.96
574	2/14/2008 11:46	9.32	43.634	27.94	9.41	7.84	6.1	0.96
575	2/14/2008 12:01	9.48	43.622	27.95	9.39	7.84	9.6	0.96
576	2/14/2008 12:16	9.36	43.853	28.1	9.3	7.83	10.8	0.99
577	2/14/2008 12:31	9.23	43.932	28.15	9.24	7.83	10.3	1.02
578	2/14/2008 12:46	9.13	44.273	28.38	9.11	7.82	10.8	1.06
579	2/14/2008 13:01	9.13	44.367	28.45	9.08	7.82	9.8	1.09
580	2/14/2008 13:16	9.34	43.838	28.09	9.19	7.82	12.0	1.15
581	2/14/2008 13:31	9.37	43.809	28.07	9.17	7.82	10.4	1.19
582	2/14/2008 13:46	9.28	43.885	28.12	9.14	7.82	10.8	1.24
583	2/14/2008 14:01	9.24	43.792	28.05	9.13	7.82	10.1	1.27
584	2/14/2008 14:16	9.16	43.963	28.17	9.14	7.82	11.1	1.36

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	2/14/2008 14:31	9.17	44.024	28.21	9.13	7.82	10.3	1.41
586	2/14/2008 14:46	9.16	44.003	28.19	9.12	7.82	10.4	1.46
587	2/14/2008 15:01	9.12	44.393	28.47	9.1	7.82	9.7	1.54
588	2/14/2008 15:16	9.17	44.671	28.67	9.13	7.83	11.2	1.61
589	2/14/2008 15:31	9.21	44.621	28.64	9.16	7.83	10.3	1.66
590	2/14/2008 15:46	9.24	44.686	28.68	9.19	7.83	10.0	1.75
591	2/14/2008 16:01	9.25	44.991	28.9	9.2	7.84	9.0	1.81
592	2/14/2008 16:16	9.24	45.514	29.27	9.17	7.84	8.6	1.87
593	2/14/2008 16:31	9.27	45.422	29.21	9.18	7.84	8.7	1.93
594	2/14/2008 16:46	9.25	45.555	29.3	9.17	7.84	8.3	1.99
595	2/14/2008 17:01	9.27	45.619	29.35	9.17	7.84	8.4	2.03
596	2/14/2008 17:16	9.27	45.431	29.22	9.18	7.84	7.8	2.09
597	2/14/2008 17:31	9.27	45.430	29.21	9.16	7.84	7.2	2.13
598	2/14/2008 17:46	9.25	45.471	29.24	9.12	7.84	5.9	2.16
599	2/14/2008 18:01	9.24	45.642	29.36	9.09	7.84	6.8	2.19
600	2/14/2008 18:16	9.2	45.759	29.44	9.08	7.84	5.9	2.22
601	2/14/2008 18:31	9.27	45.650	29.37	9.06	7.84	6.5	2.22
602	2/14/2008 18:46	9.3	45.214	29.06	8.94	7.82	3.5	2.25
603	2/14/2008 19:01	9.24	45.689	29.4	8.85	7.82	3.1	2.26
604	2/14/2008 19:16	9.21	45.877	29.53	8.89	7.83	4.8	2.25
605	2/14/2008 19:31	9.21	45.845	29.51	8.97	7.83	6.1	2.24
606	2/14/2008 19:46	9.21	45.897	29.54	8.98	7.83	6.7	2.22
607	2/14/2008 20:01	9.22	45.770	29.45	9.01	7.83	8.6	2.18
608	2/14/2008 20:16	9.24	45.694	29.4	8.99	7.83	6.9	2.15
609	2/14/2008 20:31	9.27	45.585	29.32	9	7.83	7.3	2.11
610	2/14/2008 20:46	9.32	45.109	28.99	9.03	7.83	6.8	2.07
611	2/14/2008 21:01	9.26	45.227	29.07	9.01	7.83	7.8	2.04
612	2/14/2008 21:16	9.22	44.709	28.7	8.92	7.83	8.2	2.00
613	2/14/2008 21:31	9.13	44.460	28.52	8.98	7.83	8.7	1.95
614	2/14/2008 21:46	9.16	44.489	28.54	8.94	7.83	6.8	1.93
615	2/14/2008 22:01	9.09	44.476	28.53	8.93	7.82	5.3	1.91
616	2/14/2008 22:16	9.13	44.552	28.58	8.79	7.82	3.8	1.88
617	2/14/2008 22:31	9.17	44.860	28.8	8.39	7.78	2.1	1.88
618	2/14/2008 22:46	9.19	44.912	28.84	8.86	7.82	7.3	1.87
619	2/14/2008 23:01	9.21	44.689	28.68	9.01	7.83	6.3	1.87
620	2/14/2008 23:16	9.19	44.495	28.55	9.06	7.85	7.0	1.90
621	2/14/2008 23:31	9.22	44.699	28.69	9.06	7.84	7.1	1.90
622	2/14/2008 23:46	9.14	44.576	28.6	9.1	7.84	6.7	1.92
623	2/15/2008 00:01	9.27	45.252	29.09	9.06	7.83	6.9	1.98
624	2/15/2008 00:16	9.23	44.846	28.8	9.07	7.83	7.0	1.98
625	2/15/2008 00:31	9.23	44.849	28.8	9.06	7.83	7.0	2.01
626	2/15/2008 00:46	9.22	45.402	29.19	9.08	7.83	8.4	2.08
627	2/15/2008 01:01	9.27	45.372	29.17	9.12	7.84	7.4	2.11
628	2/15/2008 01:16	9.28	45.527	29.28	9.16	7.84	7.9	2.17
629	2/15/2008 01:31	9.24	45.504	29.27	9.2	7.84	7.3	2.21

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
630	2/15/2008 01:46	9.27	45.791	29.47	9.2	7.84	7.8	2.28
631	2/15/2008 02:01	9.29	46.032	29.64	9.21	7.84	7.9	2.35
632	2/15/2008 02:16	9.25	46.020	29.63	9.22	7.84	8.4	2.40
633	2/15/2008 02:31	9.1	46.061	29.65	9.25	7.84	7.9	2.46
634	2/15/2008 02:46	9.01	45.936	29.56	9.27	7.85	8.5	2.54
635	2/15/2008 03:01	8.98	45.884	29.52	9.28	7.85	8.4	2.62
636	2/15/2008 03:16	9.03	46.396	29.89	9.28	7.84	7.5	2.70
637	2/15/2008 03:31	9.01	46.593	30.03	9.3	7.84	8.4	2.74
638	2/15/2008 03:46	9.07	47.157	30.43	9.31	7.84	7.9	2.81
639	2/15/2008 04:01	9.21	47.994	31.04	9.27	7.84	8.1	2.89
640	2/15/2008 04:16	9.11	47.997	31.04	9.28	7.84	7.8	2.97
641	2/15/2008 04:31	9.16	48.602	31.47	9.26	7.83	6.9	3.01
642	2/15/2008 04:46	9.27	49.413	32.07	9.23	7.83	6.9	3.08
643	2/15/2008 05:01	9.26	49.561	32.17	9.2	7.83	6.9	3.04
644	2/15/2008 05:16	9.25	49.579	32.18	9.12	7.82	5.1	3.16
645	2/15/2008 05:31	9.22	49.463	32.1	9.07	7.82	6.3	3.18
646	2/15/2008 05:46	9.2	49.572	32.18	9.07	7.82	5.9	3.22
647	2/15/2008 06:01	9.24	49.336	32.01	9.04	7.82	5.6	3.22
648	2/15/2008 06:16	9.26	49.579	32.19	9.08	7.82	7.0	3.18
649	2/15/2008 06:31	9.28	49.423	32.07	9.12	7.82	6.7	3.09
650	2/15/2008 06:46	8.92	46.701	30.1	9.1	7.83	15.8	3.12
651	2/15/2008 07:01	8.94	46.856	30.21	9.08	7.83	7.1	3.00
652	2/15/2008 07:16	8.67	46.522	29.95	9.14	7.83	7.9	3.00
653	2/15/2008 07:31	8.79	46.619	30.03	9.13	7.83	6.8	2.90
654	2/15/2008 07:46	8.96	47.061	30.36	9.15	7.83	9.6	2.82
655	2/15/2008 08:01	9.04	47.162	30.43	9.16	7.83	9.7	2.75
656	2/15/2008 08:16	8.89	47.071	30.36	9.15	7.83	7.0	2.67
657	2/15/2008 08:31	8.93	47.164	30.43	9.16	7.83	6.9	2.49
658	2/15/2008 08:46	8.93	47.045	30.34	9.22	7.83	7.8	2.45
659	2/15/2008 09:01	8.91	46.722	30.11	9.22	7.84	7.6	2.33
660	2/15/2008 09:16	8.96	46.951	30.28	9.31	7.84	6.4	2.28
661	2/15/2008 09:31	8.92	46.098	29.67	9.26	7.84	7.8	2.19
662	2/15/2008 09:46	8.97	45.768	29.43	9.41	7.84	8.2	2.02
663	2/15/2008 10:01	9.07	45.706	29.4	9.5	7.86	6.8	1.95
664	2/15/2008 10:16	9.16	45.722	29.42	9.65	7.87	6.5	1.84
665	2/15/2008 10:31	9.22	45.562	29.31	9.6	7.87	7.9	1.72
666	2/15/2008 10:46	9.28	45.122	29	9.69	7.86	8.2	1.59
667	2/15/2008 11:01	9.48	45.217	29.08	9.77	7.88	7.2	1.49
668	2/15/2008 11:16	9.5	44.915	28.86	9.68	7.88	6.7	1.33
669	2/15/2008 11:31	9.57	44.740	28.74	9.63	7.88	6.7	1.24
670	2/15/2008 11:46	9.54	44.637	28.67	9.51	7.87	6.3	1.14
671	2/15/2008 12:01	9.55	44.454	28.54	9.45	7.87	6.7	1.04
672	2/15/2008 12:16	9.69	44.515	28.59	9.47	7.87	6.5	1.04
673	2/15/2008 12:31	9.55	44.531	28.59	9.32	7.86	5.3	0.96
674	2/15/2008 12:46	9.89	44.310	28.46	9.42	7.87	3.3	0.92

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	2/15/2008 13:01	9.64	44.630	28.67	9.38	7.86	5.0	0.92
676	2/15/2008 13:16	9.77	44.540	28.61	9.36	7.86	6.1	0.90
677	2/15/2008 13:31	9.65	44.574	28.63	9.37	7.86	7.3	0.95
678	2/15/2008 13:46	9.8	44.481	28.57	9.37	7.86	7.4	0.95
679	2/15/2008 14:01	9.82	44.376	28.5	9.33	7.86	8.5	0.95
680	2/15/2008 14:16	9.77	44.629	28.68	9.34	7.86	7.9	1.01
681	2/15/2008 14:31	9.82	43.579	27.93	9.32	7.84	9.5	1.04
682	2/15/2008 14:46	9.74	43.953	28.2	9.32	7.85	8.3	1.14
683	2/15/2008 15:01	9.7	43.018	27.53	9.35	7.84	8.1	1.17
684	2/15/2008 15:16	9.43	44.162	28.32	9.29	7.84	6.5	1.28
685	2/15/2008 15:31	9.36	44.230	28.37	9.25	7.84	6.9	1.30
686	2/15/2008 15:46	9.36	43.986	28.2	9.24	7.84	5.7	1.36
687	2/15/2008 16:01	9.39	44.059	28.25	9.25	7.84	7.3	1.45
688	2/15/2008 16:16	9.34	44.299	28.42	9.21	7.84	6.5	1.49
689	2/15/2008 16:31	9.39	44.406	28.5	9.22	7.84	7.5	1.59
690	2/15/2008 16:46	9.38	44.744	28.73	9.19	7.83	6.9	1.64
691	2/15/2008 17:01	9.42	45.047	28.95	9.19	7.83	6.5	1.70
692	2/15/2008 17:16	9.29	45.884	29.54	9.15	7.83	7.0	1.80
693	2/15/2008 17:31	9.3	45.889	29.54	9.15	7.83	6.9	1.85
694	2/15/2008 17:46	9.26	46.026	29.64	9.17	7.84	7.4	1.92
695	2/15/2008 18:01	9.21	46.214	29.77	9.16	7.83	6.8	2.01
696	2/15/2008 18:16	9.22	46.153	29.73	9.16	7.83	6.6	2.05
697	2/15/2008 18:31	9.19	46.423	29.92	9.14	7.83	6.8	2.11
698	2/15/2008 18:46	9.18	46.390	29.89	9.14	7.83	7.3	2.19
699	2/15/2008 19:01	9.19	46.464	29.95	9.1	7.83	6.7	2.19
700	2/15/2008 19:16	9.21	46.577	30.03	9.09	7.83	4.6	2.24
701	2/15/2008 19:31	9.24	46.563	30.02	9.1	7.83	6.2	2.31
702	2/15/2008 19:46	9.24	46.654	30.09	9.07	7.83	4.6	2.34
703	2/15/2008 20:01	9.25	46.565	30.02	9.06	7.83	4.9	2.39
704	2/15/2008 20:16	9.27	46.721	30.13	9.03	7.82	4.3	2.37
705	2/15/2008 20:31	9.22	46.467	29.95	8.94	7.82	3.7	2.39
706	2/15/2008 20:46	9.24	46.757	30.16	8.97	7.82	6.7	2.40
707	2/15/2008 21:01	9.28	46.872	30.24	8.98	7.82	6.1	2.39
708	2/15/2008 21:16	9.28	46.746	30.15	9.03	7.82	6.3	2.39
709	2/15/2008 21:31	9.26	46.663	30.09	8.96	7.82	4.4	2.38
710	2/15/2008 21:46	9.21	46.413	29.91	8.91	7.82	4.4	2.34
711	2/15/2008 22:01	9.22	46.297	29.83	8.93	7.82	4.6	2.27
712	2/15/2008 22:16	9.22	46.412	29.91	8.95	7.82	5.4	2.23
713	2/15/2008 22:31	9.22	46.150	29.72	8.93	7.82	4.6	2.25
714	2/15/2008 22:46	9.2	45.864	29.52	8.94	7.82	4.2	2.18
715	2/15/2008 23:01	9.21	46.050	29.65	8.87	7.82	2.8	2.16
716	2/15/2008 23:16	9.22	46.094	29.68	8.88	7.82	3.6	2.12
717	2/15/2008 23:31	9.24	45.474	29.24	8.87	7.82	3.5	2.08
718	2/15/2008 23:46	9.25	45.242	29.08	8.83	7.83	4.1	2.07
719	2/16/2008 00:01	9.18	45.521	29.27	8.75	7.81	1.6	2.09

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	2/16/2008 00:16	9.17	45.438	29.21	8.7	7.82	3.8	2.01
721	2/16/2008 00:31	9.19	45.722	29.42	8.86	7.82	3.6	2.04
722	2/16/2008 00:46	9.25	45.385	29.18	8.66	7.82	3.2	2.04
723	2/16/2008 01:01	9.16	45.105	28.98	8.81	7.82	3.8	2.08
724	2/16/2008 01:16	9.21	45.839	29.5	8.96	7.83	4.5	2.09
725	2/16/2008 01:31	9.19	45.892	29.54	8.99	7.82	4.9	2.09
726	2/16/2008 01:46	9.18	45.958	29.58	8.96	7.82	5.4	2.15
727	2/16/2008 02:01	9.14	45.658	29.37	9	7.82	5.1	2.17
728	2/16/2008 02:16	9.19	46.247	29.79	9.05	7.82	7.4	2.23
729	2/16/2008 02:31	9.19	46.448	29.94	9.05	7.82	5.4	2.30
730	2/16/2008 02:46	9.23	46.764	30.16	9.08	7.82	6.4	2.35
731	2/16/2008 03:01	9.21	46.857	30.23	9.08	7.82	5.7	2.39
732	2/16/2008 03:16	9.19	46.406	29.91	9.11	7.82	6.3	2.47
733	2/16/2008 03:31	9.2	46.923	30.27	9.1	7.82	5.4	2.49
734	2/16/2008 03:46	9.19	47.117	30.41	9.13	7.82	5.6	2.60
735	2/16/2008 04:01	9.13	47.297	30.54	9.14	7.82	6.2	2.64
736	2/16/2008 04:16	9.09	47.344	30.57	9.15	7.83	6.5	2.69
737	2/16/2008 04:31	9.12	47.586	30.74	9.15	7.82	6.4	2.77
738	2/16/2008 04:46	9.15	48.320	31.27	9.16	7.81	6.4	2.81
739	2/16/2008 05:01	9.1	48.381	31.31	9.17	7.81	5.9	2.90
740	2/16/2008 05:16	9.07	48.677	31.52	9.16	7.81	5.8	2.96
741	2/16/2008 05:31	9.02	48.737	31.56	9.14	7.81	5.3	3.01
742	2/16/2008 05:46	9.07	49.075	31.81	9.12	7.8	5.6	3.10
743	2/16/2008 06:01	9.13	49.969	32.46	9.08	7.79	5.7	3.13
744	2/16/2008 06:16	9.11	50.013	32.49	9.03	7.79	4.8	3.16
745	2/16/2008 06:31	9.09	50.160	32.59	8.94	7.78	4.5	3.20
746	2/16/2008 06:46	9.1	49.915	32.41	8.92	7.78	5.9	3.22
747	2/16/2008 07:01	9.11	49.619	32.2	8.96	7.79	5.0	3.22
748	2/16/2008 07:16	9.1	49.896	32.4	8.96	7.78	6.5	3.19
749	2/16/2008 07:31	9.11	50.142	32.58	8.92	7.78	6.1	3.18
750	2/16/2008 07:46	9.12	50.074	32.53	8.97	7.78	7.7	3.16
751	2/16/2008 08:01	9.05	47.743	30.85	8.96	7.8	5.4	3.11
752	2/16/2008 08:16	8.97	47.346	30.56	9	7.81	7.0	3.07
753	2/16/2008 08:31	8.87	47.051	30.34	8.99	7.81	5.4	3.00
754	2/16/2008 08:46	8.94	47.203	30.46	9.04	7.81	5.5	2.92
755	2/16/2008 09:01	8.93	47.154	30.42	9.07	7.81	6.1	2.84
756	2/16/2008 09:16	8.97	47.308	30.53	9.07	7.81	5.4	2.76
757	2/16/2008 09:31	9.05	47.217	30.47	9.09	7.81	7.0	2.66
758	2/16/2008 09:46	9.07	47.508	30.68	9.12	7.81	5.7	2.57
759	2/16/2008 10:01	9.1	47.285	30.53	9.17	7.82	4.9	2.45
760	2/16/2008 10:16	9.13	46.950	30.29	9.21	7.83	5.0	2.35
761	2/16/2008 10:31	9.1	46.929	30.27	9.23	7.83	4.8	2.25
762	2/16/2008 10:46	9.12	46.473	29.95	9.31	7.84	5.0	2.13
763	2/16/2008 11:01	9.16	46.453	29.94	9.38	7.84	5.7	1.99
764	2/16/2008 11:16	9.25	46.270	29.81	9.68	7.86	4.9	1.87

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	2/16/2008 11:31	9.31	46.082	29.68	9.56	7.86	6.3	1.77
766	2/16/2008 11:46	9.38	46.124	29.72	9.47	7.87	7.1	1.64
767	2/16/2008 12:01	9.35	45.960	29.6	9.42	7.85	6.7	1.49
768	2/16/2008 12:16	9.5	45.708	29.43	9.65	7.87	7.0	1.35
769	2/16/2008 12:31	9.54	45.408	29.22	9.49	7.87	6.7	1.23
770	2/16/2008 12:46	9.46	45.111	29	9.39	7.86	6.8	1.14
771	2/16/2008 13:01	9.47	44.970	28.9	9.35	7.86	5.9	1.01
772	2/16/2008 13:16	9.44	44.810	28.78	9.33	7.86	5.5	0.93
773	2/16/2008 13:31	9.48	44.800	28.78	9.34	7.87	7.1	0.85
774	2/16/2008 13:46	9.48	44.816	28.79	9.23	7.85	2.8	0.80
775	2/16/2008 14:01	9.55	44.792	28.78	9.24	7.86	3.9	0.78
776	2/16/2008 14:16	9.57	45.002	28.93	9.34	7.87	4.6	0.77
777	2/16/2008 14:31	9.42	45.282	29.12	9.25	7.85	4.5	0.79
778	2/16/2008 14:46	9.51	45.271	29.12	9.32	7.86	5.3	0.81
779	2/16/2008 15:01	9.52	45.388	29.2	9.31	7.85	4.6	0.85
780	2/16/2008 15:16	9.49	45.175	29.05	9.3	7.85	4.6	0.91
781	2/16/2008 15:31	9.47	45.207	29.07	9.27	7.85	4.3	0.97
782	2/16/2008 15:46	9.54	44.379	28.49	9.27	7.85	5.6	1.02
783	2/16/2008 16:01	9.51	44.814	28.79	9.23	7.85	4.6	1.07
784	2/16/2008 16:16	9.47	44.815	28.79	9.21	7.84	4.4	1.14
785	2/16/2008 16:31	9.43	44.926	28.87	9.18	7.84	4.6	1.19
786	2/16/2008 16:46	9.43	45.050	28.95	9.19	7.84	5.3	1.28
787	2/16/2008 17:01	9.42	45.139	29.02	9.16	7.83	5.0	1.34
788	2/16/2008 17:16	9.37	45.045	28.95	9.14	7.83	5.6	1.44
789	2/16/2008 17:31	9.36	45.373	29.18	9.14	7.83	6.1	1.52
790	2/16/2008 17:46	9.36	45.225	29.07	9.14	7.83	6.7	1.61
791	2/16/2008 18:01	9.36	45.503	29.27	9.11	7.83	6.1	1.69
792	2/16/2008 18:16	9.3	45.978	29.61	9.1	7.82	6.2	1.76
793	2/16/2008 18:31	9.24	46.302	29.83	9.08	7.82	6.4	1.87
794	2/16/2008 18:46	9.22	46.397	29.9	9.1	7.82	7.1	1.94
795	2/16/2008 19:01	9.22	46.533	30	9.09	7.82	7.3	2.02
796	2/16/2008 19:16	9.2	46.634	30.07	9.09	7.82	7.5	2.10
797	2/16/2008 19:31	9.22	46.680	30.1	9.09	7.82	8.1	2.15
798	2/16/2008 19:46	9.23	46.929	30.28	9.09	7.82	9.5	2.22
799	2/16/2008 20:01	9.22	46.991	30.32	9.08	7.81	8.5	2.28
800	2/16/2008 20:16	9.22	46.942	30.29	9.08	7.81	7.8	2.32
801	2/16/2008 20:31	9.22	47.130	30.42	9.06	7.81	7.4	2.38
802	2/16/2008 20:46	9.21	47.278	30.53	9.05	7.81	6.5	2.42
803	2/16/2008 21:01	9.21	47.356	30.58	9.06	7.81	6.2	2.48
804	2/16/2008 21:16	9.2	47.614	30.77	9.06	7.81	5.7	2.48
805	2/16/2008 21:31	9.21	47.939	31	9.02	7.8	4.5	2.52
806	2/16/2008 21:46	9.22	47.907	30.98	8.9	7.79	3.5	2.54
807	2/16/2008 22:01	9.21	47.574	30.74	8.92	7.8	4.1	2.52
808	2/16/2008 22:16	9.21	47.836	30.93	9	7.8	6.5	2.51
809	2/16/2008 22:31	9.27	46.396	29.9	8.85	7.81	5.0	2.50

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	2/16/2008 22:46	9.24	46.722	30.13	8.87	7.8	4.6	2.47
811	2/16/2008 23:01	9.24	46.835	30.21	8.83	7.8	4.6	2.41
812	2/16/2008 23:16	9.24	46.711	30.13	8.87	7.81	5.9	2.35
813	2/16/2008 23:31	9.24	46.650	30.08	8.86	7.81	5.6	2.32
814	2/16/2008 23:46	9.23	46.523	29.99	8.85	7.81	5.3	2.25
815	2/17/2008 00:01	9.23	46.650	30.08	8.84	7.81	4.8	2.21
816	2/17/2008 00:16	9.21	46.455	29.94	8.79	7.8	4.6	2.15
817	2/17/2008 00:31	9.22	46.374	29.88	8.83	7.81	4.5	2.11
818	2/17/2008 00:46	9.21	46.280	29.82	8.84	7.8	3.9	2.08
819	2/17/2008 01:01	9.22	46.216	29.77	8.8	7.8	3.9	2.03
820	2/17/2008 01:16	9.22	46.130	29.71	8.76	7.8	3.2	2.02
821	2/17/2008 01:31	9.22	46.031	29.64	8.7	7.79	2.1	1.99
822	2/17/2008 01:46	9.22	46.363	29.88	8.72	7.8	3.4	2.01
823	2/17/2008 02:01	9.21	46.106	29.69	8.78	7.8	3.9	2.00
824	2/17/2008 02:16	9.2	45.853	29.51	8.83	7.8	2.8	2.01
825	2/17/2008 02:31	9.2	46.152	29.72	8.81	7.8	4.2	2.03
826	2/17/2008 02:46	9.22	46.533	30	8.88	7.8	5.0	2.05
827	2/17/2008 03:01	9.22	46.596	30.04	8.92	7.81	5.4	2.10
828	2/17/2008 03:16	9.2	46.488	29.96	8.92	7.81	5.9	2.14
829	2/17/2008 03:31	9.21	46.368	29.88	8.93	7.81	5.9	2.18
830	2/17/2008 03:46	9.22	46.952	30.3	8.99	7.81	6.8	2.24
831	2/17/2008 04:01	9.22	47.466	30.66	9.05	7.8	6.4	2.29
832	2/17/2008 04:16	9.19	47.108	30.41	9.04	7.81	6.3	2.35
833	2/17/2008 04:31	9.19	47.467	30.66	9.05	7.81	6.4	2.42
834	2/17/2008 04:46	9.18	47.545	30.72	9.07	7.81	6.7	2.49
835	2/17/2008 05:01	9.15	47.541	30.71	9.1	7.81	6.6	2.56
836	2/17/2008 05:16	9.16	48.009	31.05	9.12	7.81	6.2	2.63
837	2/17/2008 05:31	9.16	48.170	31.16	9.14	7.81	6.7	2.70
838	2/17/2008 05:46	9.19	48.945	31.72	9.18	7.8	7.8	2.77
839	2/17/2008 06:01	9.2	49.025	31.78	9.19	7.8	8.3	2.84
840	2/17/2008 06:16	9.19	49.218	31.92	9.19	7.8	8.9	2.92
841	2/17/2008 06:31	9.17	49.375	32.03	9.18	7.8	8.9	3.00
842	2/17/2008 06:46	9.16	49.419	32.06	9.17	7.8	7.8	3.06
843	2/17/2008 07:01	9.15	49.422	32.06	9.17	7.8	6.8	3.12
844	2/17/2008 07:16	9.14	49.507	32.12	9.16	7.8	5.9	3.18
845	2/17/2008 07:31	9.14	49.612	32.2	9.12	7.8	6.9	3.20
846	2/17/2008 07:46	9.14	49.795	32.33	9.1	7.8	5.1	3.26
847	2/17/2008 08:01	9.13	49.698	32.26	9.09	7.8	5.4	3.28
848	2/17/2008 08:16	9.14	49.816	32.35	8.98	7.8	4.7	3.27
849	2/17/2008 08:31	9.14	49.504	32.12	9.04	7.8	6.7	3.28
850	2/17/2008 08:46	9.14	49.422	32.06	9.06	7.8	7.6	3.25
851	2/17/2008 09:01	9.1	48.471	31.38	9.06	7.8	5.5	3.21
852	2/17/2008 09:16	9.11	48.495	31.39	9.06	7.8	6.1	3.14
853	2/17/2008 09:31	9.12	47.755	30.86	9.05	7.8	7.4	3.07
854	2/17/2008 09:46	9.14	47.861	30.94	9.05	7.8	5.4	3.00

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	2/17/2008 10:01	9.17	48.577	31.46	9.09	7.8	6.5	2.92
856	2/17/2008 10:16	9.15	48.457	31.37	9.07	7.8	7.9	2.80
857	2/17/2008 10:31	9.15	47.939	31	9.05	7.8	6.8	2.71
858	2/17/2008 10:46	9.16	47.678	30.81	9.02	7.8	8.1	2.60
859	2/17/2008 11:01	9.19	47.536	30.71	9.02	7.81	5.8	2.50
860	2/17/2008 11:16	9.25	47.307	30.55	9.1	7.81	5.4	2.38
861	2/17/2008 11:31	9.28	47.487	30.68	9.26	7.82	5.0	2.26
862	2/17/2008 11:46	9.32	47.191	30.47	9.23	7.82	5.4	2.15
863	2/17/2008 12:01	9.41	47.276	30.54	9.5	7.85	4.7	2.03
864	2/17/2008 12:16	9.4	46.942	30.3	9.29	7.83	6.5	1.89
865	2/17/2008 12:31	9.49	46.933	30.3	9.45	7.85	7.0	1.74
866	2/17/2008 12:46	9.54	46.255	29.82	9.46	7.86	7.3	1.62
867	2/17/2008 13:01	9.54	46.110	29.72	9.41	7.84	7.7	1.48
868	2/17/2008 13:16	9.75	45.937	29.61	9.59	7.87	6.0	1.33
869	2/17/2008 13:31	9.72	45.661	29.41	9.52	7.85	6.5	1.18
870	2/17/2008 13:46	9.72	45.477	29.28	9.33	7.85	6.0	1.08
871	2/17/2008 14:01	9.78	45.451	29.26	9.34	7.85	6.7	0.95
872	2/17/2008 14:16	9.81	45.326	29.17	9.35	7.86	5.1	0.83
873	2/17/2008 14:31	9.84	45.156	29.05	9.34	7.86	4.7	0.76
874	2/17/2008 14:46	9.9	45.159	29.06	9.33	7.86	5.1	0.69
875	2/17/2008 15:01	9.91	45.154	29.06	9.05	7.84	2.0	0.65
876	2/17/2008 15:16	9.9	45.151	29.06	9.38	7.87	6.2	0.66
877	2/17/2008 15:31	9.82	45.164	29.06	9.34	7.86	6.2	0.69
878	2/17/2008 15:46	9.79	45.238	29.11	9.33	7.85	7.3	0.73
879	2/17/2008 16:01	9.74	45.493	29.29	9.27	7.85	8.1	0.78
880	2/17/2008 16:16	9.72	45.411	29.23	9.27	7.85	6.7	0.84
881	2/17/2008 16:31	9.78	44.504	28.59	9.27	7.84	7.4	0.90
882	2/17/2008 16:46	9.76	44.609	28.66	9.23	7.84	6.4	0.97
883	2/17/2008 17:01	9.73	44.789	28.79	9.19	7.84	6.4	1.03
884	2/17/2008 17:16	9.7	44.810	28.8	9.18	7.83	5.4	1.09
885	2/17/2008 17:31	9.7	44.824	28.81	9.18	7.83	5.7	1.16
886	2/17/2008 17:46	9.69	45.057	28.98	9.17	7.83	5.7	1.25
887	2/17/2008 18:01	9.69	44.837	28.82	9.18	7.83	6.2	1.31
888	2/17/2008 18:16	9.65	45.019	28.95	9.14	7.82	6.5	1.40
889	2/17/2008 18:31	9.56	45.702	29.43	9.11	7.82	6.8	1.51
890	2/17/2008 18:46	9.54	45.772	29.48	9.09	7.82	7.9	1.60
891	2/17/2008 19:01	9.49	45.833	29.52	9.11	7.82	7.6	1.70
892	2/17/2008 19:16	9.43	46.352	29.88	9.09	7.82	8.3	1.79
893	2/17/2008 19:31	9.38	46.617	30.07	9.09	7.82	10.0	1.89
894	2/17/2008 19:46	9.37	46.643	30.09	9.1	7.82	9.8	1.98
895	2/17/2008 20:01	9.36	46.705	30.13	9.1	7.81	10.0	2.07
896	2/17/2008 20:16	9.34	46.751	30.16	9.1	7.81	10.8	2.14
897	2/17/2008 20:31	9.33	46.903	30.27	9.09	7.81	12.8	2.22
898	2/17/2008 20:46	9.32	46.973	30.32	9.1	7.81	13.9	2.29
899	2/17/2008 21:01	9.31	47.124	30.43	9.1	7.81	12.5	2.37

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
900	2/17/2008 21:16	9.3	47.374	30.6	9.09	7.81	12.3	2.42
901	2/17/2008 21:31	9.31	47.738	30.87	9.1	7.81	10.4	2.49
902	2/17/2008 21:46	9.31	48.080	31.11	9.09	7.81	9.5	2.54
903	2/17/2008 22:01	9.31	48.299	31.27	9.08	7.81	7.6	2.59
904	2/17/2008 22:16	9.31	48.419	31.35	9.06	7.81	6.1	2.63
905	2/17/2008 22:31	9.31	48.309	31.28	8.98	7.8	4.2	2.66
906	2/17/2008 22:46	9.31	48.102	31.13	8.97	7.8	6.9	2.67
907	2/17/2008 23:01	9.31	48.420	31.36	8.98	7.8	7.1	2.65
908	2/17/2008 23:16	9.32	48.083	31.11	8.98	7.8	7.2	2.62
909	2/17/2008 23:31	9.32	47.609	30.77	8.97	7.8	6.8	2.59
910	2/17/2008 23:46	9.35	46.851	30.23	8.82	7.8	6.2	2.53
911	2/18/2008 00:01	9.32	47.177	30.46	8.94	7.8	8.7	2.46
912	2/18/2008 00:16	9.33	47.100	30.41	8.9	7.8	7.0	2.40
913	2/18/2008 00:31	9.33	46.847	30.23	8.86	7.8	5.6	2.33
914	2/18/2008 00:46	9.3	46.978	30.32	8.88	7.8	5.2	2.26
915	2/18/2008 01:01	9.32	46.968	30.31	8.88	7.8	5.7	2.20
916	2/18/2008 01:16	9.32	46.854	30.23	8.88	7.8	5.9	2.13
917	2/18/2008 01:31	9.32	46.845	30.23	8.83	7.8	4.7	2.08
918	2/18/2008 01:46	9.34	46.558	30.02	8.84	7.8	5.1	2.02
919	2/18/2008 02:01	9.37	46.388	29.9	8.86	7.8	5.1	1.97
920	2/18/2008 02:16	9.38	46.093	29.69	8.81	7.8	3.9	1.94
921	2/18/2008 02:31	9.41	45.985	29.62	8.8	7.8	3.7	1.90
922	2/18/2008 02:46	9.42	45.934	29.58	8.79	7.8	3.2	1.88
923	2/18/2008 03:01	9.42	45.730	29.44	8.58	7.78	1.2	1.88
924	2/18/2008 03:16	9.38	46.013	29.64	8.82	7.8	4.5	1.87
925	2/18/2008 03:31	9.35	46.209	29.78	8.74	7.78	4.7	1.89
926	2/18/2008 03:46	9.35	46.134	29.72	8.8	7.79	5.0	1.92
927	2/18/2008 04:01	9.34	46.382	29.9	8.83	7.79	6.0	1.96
928	2/18/2008 04:16	9.32	46.127	29.71	8.88	7.8	7.0	2.00
929	2/18/2008 04:31	9.34	46.334	29.86	8.87	7.8	6.4	2.06
930	2/18/2008 04:46	9.32	46.666	30.1	8.9	7.8	8.6	2.12
931	2/18/2008 05:01	9.32	46.977	30.32	8.92	7.8	8.6	2.19
932	2/18/2008 05:16	9.31	47.142	30.44	8.92	7.8	8.6	2.27
933	2/18/2008 05:31	9.31	47.397	30.62	8.95	7.8	9.3	2.34
934	2/18/2008 05:46	9.31	47.718	30.85	8.98	7.8	10.8	2.41
935	2/18/2008 06:01	9.31	48.051	31.09	8.98	7.8	10.4	2.49
936	2/18/2008 06:16	9.31	48.181	31.18	8.99	7.81	9.8	2.56
937	2/18/2008 06:31	9.3	48.277	31.25	8.98	7.81	8.3	2.64
938	2/18/2008 06:46	9.3	48.395	31.34	8.97	7.81	10.5	2.72
939	2/18/2008 07:01	9.28	48.450	31.37	8.98	7.81	13.2	2.80
940	2/18/2008 07:16	9.27	48.628	31.5	8.98	7.81	13.0	2.88
941	2/18/2008 07:31	9.27	48.907	31.7	8.94	7.81	13.1	2.96
942	2/18/2008 07:46	9.25	49.269	31.96	8.9	7.81	11.4	3.04
943	2/18/2008 08:01	9.25	49.538	32.15	8.84	7.81	8.9	3.12
944	2/18/2008 08:16	9.25	49.571	32.18	8.8	7.81	7.7	3.18

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
945	2/18/2008 08:31	9.24	49.493	32.12	8.78	7.81	6.5	3.25
946	2/18/2008 08:46	9.25	49.658	32.24	8.73	7.81	4.9	3.30
947	2/18/2008 09:01	9.25	49.672	32.25	8.71	7.81	4.7	3.34
948	2/18/2008 09:16	9.25	49.729	32.29	8.65	7.81	3.3	3.37
949	2/18/2008 09:31	9.25	49.433	32.08	8.69	7.81	6.1	3.37
950	2/18/2008 09:46	9.25	49.629	32.22	8.65	7.81	5.7	3.37
951	2/18/2008 10:01	9.25	49.630	32.22	8.65	7.81	6.1	3.34
952	2/18/2008 10:16	9.28	48.725	31.57	8.9	7.81	5.9	3.28
953	2/18/2008 10:31	9.3	48.463	31.38	8.94	7.81	5.6	3.20
954	2/18/2008 10:46	9.32	48.524	31.43	8.96	7.81	5.8	3.11
955	2/18/2008 11:01	9.33	48.390	31.33	8.98	7.81	6.0	3.01
956	2/18/2008 11:16	9.34	48.161	31.17	8.95	7.8	7.1	2.90
957	2/18/2008 11:31	9.34	47.788	30.9	8.96	7.81	8.4	2.77
958	2/18/2008 11:46	9.35	47.788	30.9	8.96	7.81	7.1	2.65
959	2/18/2008 12:01	9.37	47.612	30.78	9.04	7.81	5.0	2.53
960	2/18/2008 12:16	9.37	47.583	30.76	9.01	7.81	7.3	2.40
961	2/18/2008 12:31	9.4	47.341	30.59	9.07	7.81	6.5	2.27
962	2/18/2008 12:46	9.42	46.881	30.26	9.02	7.81	9.3	2.14
963	2/18/2008 13:01	9.43	47.603	30.78	9.16	7.83	5.1	2.02
964	2/18/2008 13:16	9.47	46.849	30.24	9.21	7.83	5.9	1.87
965	2/18/2008 13:31	9.5	46.848	30.24	9.23	7.84	6.5	1.73
966	2/18/2008 13:46	9.55	46.816	30.22	9.47	7.85	7.2	1.56
967	2/18/2008 14:01	9.58	46.309	29.86	9.47	7.85	7.4	1.42
968	2/18/2008 14:16	9.6	46.241	29.81	9.23	7.84	8.1	1.28
969	2/18/2008 14:31	9.64	45.934	29.6	9.29	7.85	7.7	1.13
970	2/18/2008 14:46	9.63	45.799	29.5	9.11	7.83	6.8	0.98
971	2/18/2008 15:01	9.65	45.644	29.39	9.08	7.83	6.4	0.86
972	2/18/2008 15:16	9.69	45.639	29.39	9.07	7.83	6.0	0.74
973	2/18/2008 15:31	9.72	45.261	29.12	9.04	7.83	5.0	0.66
974	2/18/2008 15:46	9.73	45.357	29.19	8.99	7.83	3.1	0.59
975	2/18/2008 16:01	9.73	45.479	29.28	9.1	7.84	5.7	0.59
976	2/18/2008 16:16	9.7	45.446	29.25	9.08	7.83	5.4	0.61
977	2/18/2008 16:31	9.68	45.536	29.32	9.07	7.83	5.3	0.66
978	2/18/2008 16:46	9.67	45.617	29.37	9.05	7.83	5.1	0.71
979	2/18/2008 17:01	9.66	45.755	29.47	9.04	7.83	5.6	0.77
980	2/18/2008 17:16	9.65	45.624	29.38	9.02	7.82	5.4	0.84
981	2/18/2008 17:31	9.68	44.862	28.84	9.01	7.81	6.6	0.92
982	2/18/2008 17:46	9.69	44.706	28.73	8.99	7.81	6.4	0.99
983	2/18/2008 18:01	9.68	44.668	28.7	8.99	7.81	6.1	1.07
984	2/18/2008 18:16	9.66	44.879	28.85	8.96	7.81	6.0	1.15
985	2/18/2008 18:31	9.65	45.186	29.07	8.95	7.81	6.4	1.24
986	2/18/2008 18:46	9.63	45.109	29.01	8.95	7.81	6.3	1.31
987	2/18/2008 19:01	9.61	45.396	29.21	8.93	7.81	6.6	1.41
988	2/18/2008 19:16	9.55	45.884	29.56	8.93	7.81	7.2	1.53
989	2/18/2008 19:31	9.52	46.155	29.75	8.94	7.8	8.1	1.64

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
990	2/18/2008 19:46	9.5	46.234	29.8	8.96	7.81	8.9	1.74
991	2/18/2008 20:01	9.46	46.494	29.99	8.97	7.81	10.1	1.83
992	2/18/2008 20:16	9.44	46.793	30.2	8.97	7.81	9.6	1.95
993	2/18/2008 20:31	9.42	47.038	30.37	8.97	7.81	12.4	2.06
994	2/18/2008 20:46	9.41	47.270	30.54	8.95	7.81	13.3	2.14
995	2/18/2008 21:01	9.4	47.325	30.58	8.95	7.8	16.7	2.23
996	2/18/2008 21:16	9.39	47.490	30.69	8.97	7.81	18.9	2.33
997	2/18/2008 21:31	9.38	47.670	30.82	8.96	7.81	16.3	2.41
998	2/18/2008 21:46	9.38	48.122	31.15	8.9	7.81	18.0	2.48
999	2/18/2008 22:01	9.38	48.467	31.39	8.85	7.81	13.9	2.55
1000	2/18/2008 22:16	9.39	48.478	31.4	8.84	7.81	13.7	2.64
1001	2/18/2008 22:31	9.39	48.582	31.48	8.81	7.81	12.3	2.70
1002	2/18/2008 22:46	9.39	48.695	31.56	8.78	7.81	8.4	2.76
1003	2/18/2008 23:01	9.38	48.701	31.56	8.77	7.81	7.5	2.81
1004	2/18/2008 23:16	9.38	48.795	31.63	8.7	7.81	4.8	2.83
1005	2/18/2008 23:31	9.39	48.404	31.35	8.67	7.8	6.5	2.83
1006	2/18/2008 23:46	9.38	48.584	31.48	8.69	7.8	8.5	2.82
1007	2/19/2008 00:01	9.38	48.740	31.59	8.7	7.81	10.2	2.79
1008	2/19/2008 00:16	9.33	47.809	30.92	8.72	7.79	7.8	2.74
1009	2/19/2008 00:31	9.29	47.561	30.74	8.75	7.8	7.4	2.67
1010	2/19/2008 00:46	9.29	47.809	30.92	8.78	7.8	9.0	2.58
1011	2/19/2008 01:01	9.29	47.581	30.75	8.76	7.8	7.3	2.51
1012	2/19/2008 01:16	9.28	47.657	30.81	8.78	7.8	6.7	2.42
1013	2/19/2008 01:31	9.28	47.753	30.87	8.79	7.8	6.5	2.35
1014	2/19/2008 01:46	9.28	47.643	30.8	8.76	7.8	6.5	2.26
1015	2/19/2008 02:01	9.26	47.320	30.56	8.77	7.79	6.5	2.20
1016	2/19/2008 02:16	9.26	47.172	30.46	8.78	7.79	7.6	2.12
1017	2/19/2008 02:31	9.29	46.854	30.23	8.8	7.8	7.0	2.05
1018	2/19/2008 02:46	9.2	47.041	30.36	8.76	7.79	5.8	1.99
1019	2/19/2008 03:01	9.3	46.331	29.86	8.8	7.8	5.7	1.94
1020	2/19/2008 03:16	9.27	46.389	29.9	8.73	7.79	5.1	1.89
1021	2/19/2008 03:31	9.26	46.358	29.88	8.67	7.79	4.0	1.84
1022	2/19/2008 03:46	9.26	46.225	29.78	8.63	7.78	3.4	1.80
1023	2/19/2008 04:01	9.28	46.165	29.74	8.63	7.78	3.2	1.79
1024	2/19/2008 04:16	9.26	46.232	29.79	8.64	7.79	4.1	1.78
1025	2/19/2008 04:31	9.26	46.570	30.03	8.71	7.79	4.9	1.81
1026	2/19/2008 04:46	9.29	46.595	30.05	8.75	7.79	5.5	1.83
1027	2/19/2008 05:01	9.22	46.565	30.02	8.73	7.79	5.4	1.89
1028	2/19/2008 05:16	9.19	46.442	29.93	8.77	7.79	6.2	1.93
1029	2/19/2008 05:31	9.22	46.606	30.05	8.75	7.79	7.5	2.01
1030	2/19/2008 05:46	9.22	46.827	30.21	8.76	7.79	8.2	2.07
1031	2/19/2008 06:01	9.24	46.996	30.33	8.77	7.79	7.4	2.14
1032	2/19/2008 06:16	9.25	47.241	30.51	8.77	7.79	7.8	2.22
1033	2/19/2008 06:31	9.27	47.687	30.83	8.76	7.8	7.8	2.29
1034	2/19/2008 06:46	9.27	47.708	30.84	8.79	7.8	7.9	2.38

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1035	2/19/2008 07:01	9.28	47.935	31.01	8.78	7.8	8.9	2.46
1036	2/19/2008 07:16	9.29	48.093	31.12	8.78	7.8	9.2	2.55
1037	2/19/2008 07:31	9.29	48.137	31.15	8.76	7.81	10.8	2.64
1038	2/19/2008 07:46	9.28	48.563	31.46	8.72	7.81	14.4	2.74
1039	2/19/2008 08:01	9.25	48.563	31.45	8.7	7.81	18.3	2.85
1040	2/19/2008 08:16	9.24	48.739	31.58	8.67	7.82	16.6	2.94
1041	2/19/2008 08:31	9.23	48.929	31.71	8.65	7.82	14.0	3.04
1042	2/19/2008 08:46	9.22	49.162	31.88	8.62	7.83	13.9	3.13
1043	2/19/2008 09:01	9.22	49.256	31.95	8.59	7.83	12.5	3.21
1044	2/19/2008 09:16	9.21	49.211	31.92	8.57	7.83	9.6	3.28
1045	2/19/2008 09:31	9.2	49.357	32.02	8.55	7.83	7.5	3.34
1046	2/19/2008 09:46	9.2	49.335	32	8.57	7.83	5.4	3.39
1047	2/19/2008 10:01	9.2	49.295	31.98	8.58	7.83	4.5	3.42
1048	2/19/2008 10:16	9.2	49.253	31.95	8.54	7.83	3.5	3.44
1049	2/19/2008 10:31	9.22	48.998	31.76	8.49	7.82	4.2	3.45
1050	2/19/2008 10:46	9.21	49.195	31.9	8.51	7.83	7.3	3.42
1051	2/19/2008 11:01	9.2	49.392	32.05	8.52	7.83	6.2	3.37
1052	2/19/2008 11:16	9.26	48.485	31.4	8.71	7.82	7.6	3.31
1053	2/19/2008 11:31	9.29	48.523	31.43	8.71	7.81	5.8	3.23
1054	2/19/2008 11:46	9.3	48.147	31.16	8.74	7.81	5.6	3.12
1055	2/19/2008 12:01	9.31	48.013	31.06	8.76	7.81	6.1	3.02
1056	2/19/2008 12:16	9.33	47.988	31.05	8.81	7.81	5.5	2.90
1057	2/19/2008 12:31	9.38	47.880	30.97	8.85	7.81	5.4	2.77
1058	2/19/2008 12:46	9.4	47.623	30.79	8.83	7.81	6.8	2.64
1059	2/19/2008 13:01	9.47	47.895	30.99	8.92	7.82	6.2	2.50
1060	2/19/2008 13:16	9.52	47.830	30.95	8.94	7.82	5.3	2.38
1061	2/19/2008 13:31	9.58	47.412	30.65	8.99	7.82	5.6	2.24
1062	2/19/2008 13:46	9.63	47.225	30.52	9.12	7.83	5.6	2.10
1063	2/19/2008 14:01	9.63	47.152	30.47	9.15	7.82	7.8	1.97
1064	2/19/2008 14:16	9.61	46.962	30.33	9.1	7.82	7.8	1.81
1065	2/19/2008 14:31	9.6	46.905	30.29	9.11	7.82	7.9	1.65
1066	2/19/2008 14:46	9.65	47.083	30.42	9.2	7.84	8.4	1.50
1067	2/19/2008 15:01	9.62	46.967	30.33	9.14	7.83	7.3	1.34
1068	2/19/2008 15:16	9.65	46.900	30.29	9.21	7.83	8.1	1.21
1069	2/19/2008 15:31	9.64	46.722	30.16	9.09	7.83	8.3	1.05
1070	2/19/2008 15:46	9.63	46.687	30.14	9.02	7.82	7.5	0.93
1071	2/19/2008 16:01	9.65	46.614	30.08	8.99	7.82	6.8	0.79
1072	2/19/2008 16:16	9.69	46.192	29.78	9	7.82	7.2	0.66
1073	2/19/2008 16:31	9.71	46.140	29.75	8.95	7.82	4.6	0.61
1074	2/19/2008 16:46	9.73	46.120	29.74	8.91	7.81	3.1	0.56
1075	2/19/2008 17:01	9.71	46.205	29.8	9	7.82	6.2	0.58
1076	2/19/2008 17:16	9.69	46.318	29.87	8.99	7.82	6.1	0.64
1077	2/19/2008 17:31	9.67	46.286	29.85	8.98	7.82	6.4	0.72
1078	2/19/2008 17:46	9.67	46.358	29.9	9	7.82	7.2	0.82
1079	2/19/2008 18:01	9.65	45.320	29.16	9.01	7.8	17.1	0.88

sonde #1		Indian Island Long-Term Deployment			Water Quality Data			TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1080	2/19/2008 18:16	9.64	45.164	29.05	9	7.8	12.6	0.97
1081	2/19/2008 18:31	9.64	45.005	28.94	8.99	7.79	12.4	1.06
1082	2/19/2008 18:46	9.64	45.286	29.14	8.98	7.8	8.5	1.15
1083	2/19/2008 19:01	9.63	45.704	29.43	8.96	7.8	7.3	1.23
1084	2/19/2008 19:16	9.62	45.850	29.54	8.95	7.8	8.0	1.30
1085	2/19/2008 19:31	9.62	46.034	29.67	8.95	7.8	7.1	1.42
1086	2/19/2008 19:46	9.59	46.267	29.83	8.93	7.81	7.2	1.51
1087	2/19/2008 20:01	9.53	46.862	30.25	8.9	7.8	8.2	1.62
1088	2/19/2008 20:16	9.51	47.110	30.43	8.89	7.81	9.4	1.73
1089	2/19/2008 20:31	9.51	47.195	30.49	8.91	7.81	10.1	1.84
1090	2/19/2008 20:46	9.49	47.455	30.68	8.89	7.81	11.7	1.95
1091	2/19/2008 21:01	9.48	47.439	30.66	8.87	7.81	12.7	2.05
1092	2/19/2008 21:16	9.47	47.512	30.71	8.86	7.81	12.5	2.16
1093	2/19/2008 21:31	9.47	47.662	30.82	8.83	7.81	15.0	2.26
1094	2/19/2008 21:46	9.45	47.824	30.94	8.82	7.81	17.5	2.35
1095	2/19/2008 22:01	9.42	48.148	31.17	8.82	7.81	15.8	2.45
1096	2/19/2008 22:16	9.4	48.453	31.38	8.79	7.81	20.2	2.54
1097	2/19/2008 22:31	9.39	48.629	31.51	8.78	7.82	18.4	2.63
1098	2/19/2008 22:46	9.38	48.661	31.53	8.77	7.82	17.2	2.71
1099	2/19/2008 23:01	9.38	48.736	31.59	8.75	7.82	17.0	2.79
1100	2/19/2008 23:16	9.36	48.888	31.69	8.73	7.82	12.9	2.86
1101	2/19/2008 23:31	9.34	48.989	31.77	8.74	7.82	10.0	2.91
1102	2/19/2008 23:46	9.33	48.959	31.74	8.76	7.82	6.4	2.95
1103	2/20/2008 00:01	9.34	48.688	31.55	8.62	7.81	5.8	2.97
1104	2/20/2008 00:16	9.33	48.929	31.72	8.66	7.81	7.9	2.96
1105	2/20/2008 00:31	9.33	48.944	31.73	8.68	7.81	6.8	2.92
1106	2/20/2008 00:46	9.32	48.878	31.68	8.7	7.81	9.6	2.87
1107	2/20/2008 01:01	9.33	48.003	31.06	8.66	7.8	8.4	2.80
1108	2/20/2008 01:16	9.32	48.108	31.13	8.7	7.8	7.9	2.72
1109	2/20/2008 01:31	9.33	47.939	31.01	8.68	7.8	7.7	2.63
1110	2/20/2008 01:46	9.32	48.225	31.22	8.68	7.8	7.8	2.51
1111	2/20/2008 02:01	9.31	48.216	31.21	8.68	7.8	6.5	2.42
1112	2/20/2008 02:16	9.31	48.007	31.06	8.67	7.8	7.4	2.34
1113	2/20/2008 02:31	9.3	47.479	30.68	8.67	7.8	7.8	2.24
1114	2/20/2008 02:46	9.3	47.415	30.63	8.67	7.79	6.3	2.14
1115	2/20/2008 03:01	9.28	47.560	30.74	8.69	7.8	6.7	2.08
1116	2/20/2008 03:16	9.3	47.327	30.57	8.72	7.8	7.7	2.00
1117	2/20/2008 03:31	9.25	47.596	30.76	8.68	7.79	6.2	1.90
1118	2/20/2008 03:46	9.26	47.043	30.36	8.7	7.79	5.8	1.85
1119	2/20/2008 04:01	9.23	46.957	30.3	8.64	7.79	5.4	1.79
1120	2/20/2008 04:16	9.19	46.734	30.14	8.63	7.78	4.8	1.73
1121	2/20/2008 04:31	9.18	46.686	30.1	8.61	7.78	4.6	1.66
1122	2/20/2008 04:46	9.22	46.658	30.09	8.58	7.78	4.1	1.64
1123	2/20/2008 05:01	9.18	46.443	29.93	8.5	7.77	2.4	1.64
1124	2/20/2008 05:16	9.16	46.492	29.96	8.65	7.78	4.1	1.64

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1125	2/20/2008 05:31	9.21	46.693	30.11	8.63	7.78	5.1	1.66
1126	2/20/2008 05:46	9.24	46.779	30.17	8.67	7.79	5.3	1.70
1127	2/20/2008 06:01	9.23	46.866	30.24	8.68	7.79	5.7	1.76
1128	2/20/2008 06:16	9.14	46.467	29.94	8.69	7.78	7.6	1.82
1129	2/20/2008 06:31	9.13	46.338	29.85	8.69	7.78	7.0	1.90
1130	2/20/2008 06:46	9.24	46.964	30.31	8.69	7.79	7.6	1.99
1131	2/20/2008 07:01	9.27	47.297	30.55	8.68	7.79	7.6	2.08
1132	2/20/2008 07:16	9.26	47.608	30.77	8.67	7.79	7.0	2.17
1133	2/20/2008 07:31	9.26	47.957	31.02	8.71	7.8	8.1	2.25
1134	2/20/2008 07:46	9.28	48.080	31.11	8.73	7.8	7.6	2.34
1135	2/20/2008 08:01	9.28	48.037	31.08	8.74	7.8	9.1	2.42
1136	2/20/2008 08:16	9.27	48.273	31.25	8.73	7.81	9.9	2.52
1137	2/20/2008 08:31	9.26	48.368	31.31	8.73	7.81	11.5	2.63
1138	2/20/2008 08:46	9.26	48.468	31.39	8.74	7.81	13.5	2.71
1139	2/20/2008 09:01	9.22	48.673	31.53	8.75	7.81	15.9	2.82
1140	2/20/2008 09:16	9.17	48.989	31.75	8.76	7.81	14.8	2.92
1141	2/20/2008 09:31	9.15	49.258	31.95	8.76	7.82	13.6	3.01
1142	2/20/2008 09:46	9.13	49.442	32.08	8.8	7.82	11.9	3.11
1143	2/20/2008 10:01	9.14	49.387	32.04	8.83	7.82	10.6	3.20
1144	2/20/2008 10:16	9.13	49.668	32.24	8.81	7.82	9.7	3.27
1145	2/20/2008 10:31	9.14	49.632	32.21	8.8	7.82	7.6	3.36
1146	2/20/2008 10:46	9.15	49.645	32.22	8.79	7.82	5.6	3.37
1147	2/20/2008 11:01	9.15	49.776	32.32	8.68	7.82	2.9	3.42
1148	2/20/2008 11:16	9.19	49.325	32	8.78	7.82	5.4	3.41
1149	2/20/2008 11:31	9.15	49.490	32.11	8.72	7.82	7.5	3.39
1150	2/20/2008 11:46	9.16	49.543	32.15	8.73	7.82	6.4	3.38
1151	2/20/2008 12:01	9.3	49.457	32.1	8.83	7.82	6.7	3.30
1152	2/20/2008 12:16	9.5	49.039	31.81	9.06	7.83	7.9	3.21
1153	2/20/2008 12:31	9.66	48.767	31.63	9.02	7.83	7.6	3.10
1154	2/20/2008 12:46	9.65	48.741	31.61	8.98	7.83	6.1	2.99
1155	2/20/2008 13:01	9.7	48.661	31.55	9	7.83	5.1	2.86
1156	2/20/2008 13:16	9.75	48.550	31.48	9.02	7.83	5.4	2.74
1157	2/20/2008 13:31	9.83	48.492	31.44	9.04	7.83	5.3	2.63
1158	2/20/2008 13:46	9.89	48.415	31.39	9.09	7.83	5.0	2.48
1159	2/20/2008 14:01	9.98	48.450	31.42	9.08	7.83	5.6	2.37
1160	2/20/2008 14:16	10.01	48.233	31.27	9.11	7.84	5.5	2.26
1161	2/20/2008 14:31	10.08	48.599	31.54	9.21	7.85	5.1	2.11
1162	2/20/2008 14:46	10.17	47.875	31.02	9.19	7.84	6.0	1.98
1163	2/20/2008 15:01	10.19	47.312	30.62	9.33	7.84	6.8	1.82
1164	2/20/2008 15:16	10.3	47.395	30.68	9.46	7.86	8.4	1.68
1165	2/20/2008 15:31	10.26	47.248	30.57	9.51	7.86	10.8	1.53
1166	2/20/2008 15:46	10.35	47.080	30.46	9.48	7.87	9.3	1.38
1167	2/20/2008 16:01	10.36	47.137	30.5	9.49	7.86	7.9	1.22
1168	2/20/2008 16:16	10.28	47.074	30.45	9.27	7.85	8.4	1.07
1169	2/20/2008 16:31	10.32	46.685	30.17	9.27	7.84	7.3	0.97

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	2/20/2008 16:46	10.33	46.741	30.22	9.25	7.84	7.7	0.80
1171	2/20/2008 17:01	10.35	46.709	30.19	9.23	7.84	6.8	0.74
1172	2/20/2008 17:16	10.39	46.407	29.98	9.21	7.84	5.7	0.66
1173	2/20/2008 17:31	10.4	46.322	29.92	9.17	7.84	4.6	0.62
1174	2/20/2008 17:46	10.37	46.443	30	9.23	7.84	6.2	0.63
1175	2/20/2008 18:01	10.33	46.547	30.08	9.24	7.84	5.6	0.69
1176	2/20/2008 18:16	10.31	46.493	30.04	9.23	7.84	6.0	0.78
1177	2/20/2008 18:31	10.29	46.472	30.02	9.23	7.84	5.9	0.88
1178	2/20/2008 18:46	10.28	45.860	29.58	9.19	7.82	7.8	0.93
1179	2/20/2008 19:01	10.28	46.201	29.83	9.16	7.82	6.5	1.01
1180	2/20/2008 19:16	10.29	46.222	29.84	9.15	7.82	7.3	1.13
1181	2/20/2008 19:31	10.29	46.020	29.7	9.16	7.82	7.3	1.23
1182	2/20/2008 19:46	10.27	46.191	29.82	9.15	7.82	7.9	1.33
1183	2/20/2008 20:01	10.25	46.250	29.86	9.15	7.82	6.9	1.43
1184	2/20/2008 20:16	10.16	46.323	29.91	9.14	7.82	7.0	1.54
1185	2/20/2008 20:31	10.1	46.911	30.32	9.08	7.82	7.6	1.65
1186	2/20/2008 20:46	10.03	47.274	30.58	9.05	7.82	8.6	1.77
1187	2/20/2008 21:01	10.01	47.397	30.67	9.04	7.82	10.5	1.86
1188	2/20/2008 21:16	9.97	47.535	30.76	8.99	7.82	15.9	1.98
1189	2/20/2008 21:31	9.94	47.547	30.77	8.97	7.82	13.6	2.09
1190	2/20/2008 21:46	9.92	47.789	30.94	8.95	7.82	13.4	2.18
1191	2/20/2008 22:01	9.9	47.733	30.9	8.94	7.82	15.8	2.28
1192	2/20/2008 22:16	9.85	47.931	31.04	8.99	7.82	16.5	2.39
1193	2/20/2008 22:31	9.78	48.491	31.44	9.08	7.82	17.1	2.49
1194	2/20/2008 22:46	9.73	48.740	31.61	9.13	7.83	18.3	2.59
1195	2/20/2008 23:01	9.71	48.937	31.75	9.16	7.83	17.7	2.68
1196	2/20/2008 23:16	9.66	48.983	31.78	9.16	7.83	17.4	2.78
1197	2/20/2008 23:31	9.6	49.267	31.98	9.1	7.83	16.2	2.85
1198	2/20/2008 23:46	9.54	49.346	32.04	9.05	7.83	11.8	2.92
1199	2/21/2008 00:01	9.52	49.461	32.12	8.99	7.83	10.4	2.99
1200	2/21/2008 00:16	9.51	49.511	32.15	8.97	7.83	8.6	3.03
1201	2/21/2008 00:31	9.5	49.508	32.15	8.91	7.82	5.8	3.05
1202	2/21/2008 00:46	9.56	49.220	31.95	8.84	7.82	5.6	3.05
1203	2/21/2008 01:01	9.51	49.319	32.02	8.86	7.82	8.2	3.04
1204	2/21/2008 01:16	9.5	49.399	32.07	8.88	7.82	7.4	2.99
1205	2/21/2008 01:31	9.64	48.637	31.53	8.95	7.82	10.0	2.92
1206	2/21/2008 01:46	9.66	48.585	31.5	8.93	7.82	8.5	2.84
1207	2/21/2008 02:01	9.68	48.166	31.2	8.94	7.82	7.5	2.74
1208	2/21/2008 02:16	9.7	48.618	31.52	8.94	7.81	7.4	2.60
1209	2/21/2008 02:31	9.68	48.526	31.46	8.96	7.82	7.9	2.51
1210	2/21/2008 02:46	9.7	48.397	31.37	8.92	7.81	8.3	2.42
1211	2/21/2008 03:01	9.75	48.047	31.12	8.9	7.81	9.7	2.30
1212	2/21/2008 03:16	9.73	48.165	31.2	8.88	7.81	6.7	2.21
1213	2/21/2008 03:31	9.78	47.793	30.94	8.89	7.81	7.2	2.11
1214	2/21/2008 03:46	9.79	47.701	30.87	8.9	7.81	7.8	2.03

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	2/21/2008 04:01	9.78	47.637	30.82	8.91	7.81	9.3	1.94
1216	2/21/2008 04:16	9.82	47.548	30.76	8.89	7.81	8.4	1.85
1217	2/21/2008 04:31	9.81	47.399	30.66	8.85	7.8	8.1	1.77
1218	2/21/2008 04:46	9.82	47.374	30.64	8.83	7.8	7.4	1.68
1219	2/21/2008 05:01	9.84	47.202	30.52	8.8	7.8	6.5	1.62
1220	2/21/2008 05:16	9.86	47.067	30.42	8.8	7.8	6.1	1.57
1221	2/21/2008 05:31	9.88	46.768	30.21	8.77	7.8	5.4	1.51
1222	2/21/2008 05:46	9.91	46.766	30.21	8.75	7.8	4.3	1.49
1223	2/21/2008 06:01	9.89	46.836	30.26	8.76	7.8	5.3	1.49
1224	2/21/2008 06:16	9.88	46.881	30.29	8.83	7.8	5.7	1.53
1225	2/21/2008 06:31	9.86	46.872	30.28	8.82	7.8	5.9	1.57
1226	2/21/2008 06:46	9.86	46.895	30.3	8.82	7.8	6.5	1.64
1227	2/21/2008 07:01	9.78	46.539	30.04	8.79	7.79	8.7	1.71
1228	2/21/2008 07:16	9.81	46.861	30.27	8.81	7.8	8.9	1.80
1229	2/21/2008 07:31	9.82	46.995	30.37	8.83	7.8	7.5	1.90
1230	2/21/2008 07:46	9.78	47.464	30.7	8.83	7.8	7.1	1.99
1231	2/21/2008 08:01	9.73	47.871	30.99	8.88	7.81	7.9	2.07
1232	2/21/2008 08:16	9.72	48.011	31.09	8.94	7.82	7.4	2.15
1233	2/21/2008 08:31	9.72	48.128	31.17	8.97	7.82	7.6	2.25
1234	2/21/2008 08:46	9.7	48.209	31.23	8.97	7.82	8.6	2.33
1235	2/21/2008 09:01	9.68	48.463	31.41	8.98	7.82	9.8	2.42
1236	2/21/2008 09:16	9.65	48.551	31.47	8.98	7.82	11.6	2.52
1237	2/21/2008 09:31	9.6	48.679	31.56	8.98	7.82	12.9	2.61
1238	2/21/2008 09:46	9.55	48.943	31.75	8.98	7.82	12.9	2.70
1239	2/21/2008 10:01	9.5	49.065	31.83	8.97	7.82	12.9	2.80
1240	2/21/2008 10:16	9.43	49.381	32.06	8.93	7.82	12.6	2.91
1241	2/21/2008 10:31	9.4	49.406	32.07	8.91	7.83	11.4	3.01
1242	2/21/2008 10:46	9.38	49.604	32.21	8.89	7.83	10.0	3.09
1243	2/21/2008 11:01	9.38	49.686	32.27	8.89	7.83	9.5	3.18
1244	2/21/2008 11:16	9.4	49.676	32.27	8.92	7.83	8.2	3.23
1245	2/21/2008 11:31	9.42	49.509	32.15	8.96	7.83	7.8	3.30
1246	2/21/2008 11:46	9.44	49.660	32.26	8.94	7.83	5.7	3.33
1247	2/21/2008 12:01	9.53	49.378	32.06	8.9	7.83	4.6	3.36
1248	2/21/2008 12:16	9.47	49.686	32.28	8.81	7.83	7.0	3.35
1249	2/21/2008 12:31	9.55	49.571	32.2	8.85	7.83	6.7	3.31
1250	2/21/2008 12:46	9.79	49.228	31.97	9.04	7.84	8.7	3.27
1251	2/21/2008 13:01	9.81	49.122	31.89	9.02	7.83	9.7	3.18
1252	2/21/2008 13:16	9.82	48.930	31.76	9.02	7.83	10.8	3.09
1253	2/21/2008 13:31	9.84	49.253	31.99	9.04	7.84	10.3	2.98
1254	2/21/2008 13:46	9.94	48.942	31.77	9.01	7.83	15.1	2.87
1255	2/21/2008 14:01	9.97	48.712	31.61	8.98	7.83	16.7	2.74
1256	2/21/2008 14:16	10.13	48.519	31.48	8.99	7.83	18.2	2.62
1257	2/21/2008 14:31	10.17	48.616	31.55	8.99	7.83	19.1	2.50
1258	2/21/2008 14:46	10.22	48.308	31.33	8.97	7.82	22.7	2.37
1259	2/21/2008 15:01	10.27	48.066	31.16	8.95	7.82	22.3	2.24

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1260	2/21/2008 15:16	10.28	48.503	31.48	8.97	7.83	21.5	2.11
1261	2/21/2008 15:31	10.26	48.312	31.34	9.04	7.83	19.1	1.98
1262	2/21/2008 15:46	10.33	47.541	30.79	9.06	7.83	18.5	1.84
1263	2/21/2008 16:01	10.36	47.848	31.01	9.03	7.83	19.6	1.70
1264	2/21/2008 16:16	10.38	47.621	30.85	9.06	7.83	20.2	1.57
1265	2/21/2008 16:31	10.42	47.333	30.65	9.1	7.84	19.5	1.44
1266	2/21/2008 16:46	10.49	47.225	30.57	9.14	7.85	20.4	1.28
1267	2/21/2008 17:01	10.53	46.663	30.17	9.09	7.84	19.1	1.17
1268	2/21/2008 17:16	10.52	46.500	30.05	9.03	7.83	17.2	1.05
1269	2/21/2008 17:31	10.53	46.486	30.04	8.98	7.83	17.0	0.94
1270	2/21/2008 17:46	10.54	46.596	30.12	8.91	7.82	11.8	0.90
1271	2/21/2008 18:01	10.55	46.631	30.15	8.86	7.82	9.6	0.84
1272	2/21/2008 18:16	10.52	46.331	29.93	8.94	7.83	12.4	0.83
1273	2/21/2008 18:31	10.53	46.339	29.94	8.95	7.82	12.0	0.79
1274	2/21/2008 18:46	10.53	46.484	30.04	8.96	7.82	14.2	0.86
1275	2/21/2008 19:01	10.51	46.364	29.96	8.97	7.82	13.7	0.94
1276	2/21/2008 19:16	10.51	46.491	30.05	8.95	7.82	13.7	1.02
1277	2/21/2008 19:31	10.68	45.708	29.5	9.1	7.82	14.9	1.10
1278	2/21/2008 19:46	10.68	45.758	29.53	9.07	7.82	13.7	1.23
1279	2/21/2008 20:01	10.61	46.157	29.81	9.02	7.82	15.3	1.32
1280	2/21/2008 20:16	10.57	46.475	30.04	8.98	7.82	16.6	1.40
1281	2/21/2008 20:31	10.53	46.738	30.22	8.97	7.82	15.5	1.53
1282	2/21/2008 20:46	10.46	47.001	30.41	8.96	7.82	15.2	1.65
1283	2/21/2008 21:01	10.41	47.240	30.58	8.97	7.82	15.9	1.77
1284	2/21/2008 21:16	10.39	47.317	30.63	8.97	7.82	15.3	1.87
1285	2/21/2008 21:31	10.37	47.317	30.63	8.96	7.82	16.2	1.96
1286	2/21/2008 21:46	10.35	47.441	30.72	8.95	7.82	17.1	2.06
1287	2/21/2008 22:01	10.32	47.690	30.9	8.95	7.82	19.8	2.16
1288	2/21/2008 22:16	10.28	47.557	30.8	8.96	7.82	22.2	2.25
1289	2/21/2008 22:31	10.21	47.992	31.11	8.97	7.82	27.2	2.35
1290	2/21/2008 22:46	10.14	48.202	31.25	8.99	7.83	24.7	2.46
1291	2/21/2008 23:01	10.06	48.460	31.43	9.02	7.83	30.0	2.57
1292	2/21/2008 23:16	9.99	48.693	31.6	9.06	7.83	22.8	2.67
1293	2/21/2008 23:31	9.93	48.913	31.75	9.06	7.83	22.8	2.75
1294	2/21/2008 23:46	9.88	49.235	31.98	9.06	7.83	24.2	2.87
1295	2/22/2008 00:01	9.73	49.716	32.32	9.05	7.83	16.9	2.95
1296	2/22/2008 00:16	9.66	50.136	32.62	8.99	7.82	14.3	3.01
1297	2/22/2008 00:31	9.61	50.209	32.67	8.96	7.82	11.8	3.08
1298	2/22/2008 00:46	9.58	50.315	32.74	8.9	7.82	9.4	3.13
1299	2/22/2008 01:01	9.71	49.823	32.39	8.87	7.82	8.9	3.14
1300	2/22/2008 01:16	9.65	50.123	32.61	8.85	7.82	8.3	3.14
1301	2/22/2008 01:31	9.58	50.246	32.69	8.89	7.82	11.3	3.13
1302	2/22/2008 01:46	9.95	48.752	31.64	8.93	7.82	12.5	3.04
1303	2/22/2008 02:01	9.94	48.896	31.74	8.91	7.82	10.6	3.00
1304	2/22/2008 02:16	9.97	48.754	31.64	8.89	7.82	10.6	2.91

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	2/22/2008 02:31	9.96	48.651	31.56	8.9	7.82	13.9	2.79
1306	2/22/2008 02:46	10.06	48.183	31.24	8.87	7.82	16.2	2.69
1307	2/22/2008 03:01	10.05	48.301	31.32	8.86	7.82	11.1	2.57
1308	2/22/2008 03:16	10.04	48.579	31.52	8.86	7.82	10.9	2.45
1309	2/22/2008 03:31	10.09	48.208	31.25	8.86	7.82	10.3	2.34
1310	2/22/2008 03:46	10.07	48.293	31.31	8.84	7.82	9.4	2.27
1311	2/22/2008 04:01	10.13	47.955	31.08	8.85	7.82	11.7	2.14
1312	2/22/2008 04:16	10.06	48.039	31.13	8.85	7.81	8.4	2.04
1313	2/22/2008 04:31	10.17	47.683	30.88	8.81	7.81	10.4	1.95
1314	2/22/2008 04:46	10.17	47.587	30.81	8.79	7.81	9.6	1.83
1315	2/22/2008 05:01	10.14	47.644	30.85	8.75	7.81	8.6	1.75
1316	2/22/2008 05:16	10.16	47.558	30.79	8.7	7.8	7.8	1.67
1317	2/22/2008 05:31	10.19	47.153	30.5	8.66	7.8	8.1	1.60
1318	2/22/2008 05:46	10.18	47.130	30.49	8.65	7.8	7.1	1.52
1319	2/22/2008 06:01	10.24	46.849	30.29	8.63	7.8	6.5	1.45
1320	2/22/2008 06:16	10.24	47.010	30.4	8.57	7.8	5.1	1.43
1321	2/22/2008 06:31	10.26	46.919	30.34	8.57	7.8	5.9	1.37
1322	2/22/2008 06:46	10.23	47.019	30.41	8.6	7.8	5.4	1.37
1323	2/22/2008 07:01	10.22	46.852	30.29	8.64	7.8	6.2	1.44
1324	2/22/2008 07:16	10.26	47.000	30.4	8.65	7.8	7.4	1.49
1325	2/22/2008 07:31	10.27	47.062	30.44	8.68	7.8	7.5	1.52
1326	2/22/2008 07:46	10.26	46.718	30.2	8.65	7.8	8.9	1.62
1327	2/22/2008 08:01	10.27	46.841	30.28	8.66	7.8	9.2	1.73
1328	2/22/2008 08:16	10.26	47.008	30.4	8.68	7.8	9.0	1.82
1329	2/22/2008 08:31	10.24	47.124	30.48	8.71	7.8	9.6	1.91
1330	2/22/2008 08:46	10.18	47.695	30.89	8.74	7.81	9.7	2.01
1331	2/22/2008 09:01	10.14	47.789	30.96	8.81	7.81	9.8	2.09
1332	2/22/2008 09:16	10.11	47.806	30.97	8.84	7.81	9.9	2.19
1333	2/22/2008 09:31	10.1	47.849	31	8.85	7.82	10.4	2.27
1334	2/22/2008 09:46	10.08	48.131	31.2	8.85	7.82	10.9	2.35
1335	2/22/2008 10:01	10.05	48.232	31.27	8.85	7.82	12.5	2.44
1336	2/22/2008 10:16	10.01	48.362	31.36	8.88	7.82	12.6	2.54
1337	2/22/2008 10:31	9.97	48.318	31.33	8.89	7.82	16.8	2.63
1338	2/22/2008 10:46	9.89	48.787	31.66	8.89	7.82	19.1	2.73
1339	2/22/2008 11:01	9.84	49.137	31.91	8.92	7.82	15.6	2.84
1340	2/22/2008 11:16	9.77	49.320	32.04	8.98	7.82	14.9	2.93
1341	2/22/2008 11:31	9.71	49.497	32.16	9.06	7.83	13.1	3.00
1342	2/22/2008 11:46	9.68	49.556	32.2	9.08	7.83	12.7	3.09
1343	2/22/2008 12:01	9.67	49.731	32.32	9.07	7.83	10.4	3.13
1344	2/22/2008 12:16	9.63	49.776	32.35	9.08	7.83	9.4	3.20
1345	2/22/2008 12:31	9.64	49.901	32.44	9.03	7.83	5.0	3.23
1346	2/22/2008 12:46	9.71	49.656	32.27	9	7.82	7.8	3.26
1347	2/22/2008 13:01	9.66	49.793	32.37	8.98	7.82	7.6	3.22
1348	2/22/2008 13:16	9.62	49.722	32.31	9.04	7.83	8.5	3.19
1349	2/22/2008 13:31	10.08	48.981	31.81	9.06	7.83	8.8	3.13

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1350	2/22/2008 13:46	10.13	48.862	31.73	9.11	7.83	7.4	3.03
1351	2/22/2008 14:01	10.29	48.247	31.3	9.05	7.83	6.5	2.92
1352	2/22/2008 14:16	10.27	48.668	31.6	9.04	7.83	6.9	2.82
1353	2/22/2008 14:31	10.25	48.911	31.77	9.05	7.83	7.1	2.71
1354	2/22/2008 14:46	10.28	48.755	31.66	9.07	7.83	7.0	2.61
1355	2/22/2008 15:01	10.32	48.707	31.63	9.07	7.84	6.3	2.48
1356	2/22/2008 15:16	10.42	48.484	31.47	9.05	7.83	7.2	2.36
1357	2/22/2008 15:31	10.42	48.514	31.5	9.13	7.84	6.6	2.23
1358	2/22/2008 15:46	10.49	47.997	31.13	9.06	7.83	8.1	2.12
1359	2/22/2008 16:01	10.45	48.729	31.65	9.18	7.85	5.9	2.01
1360	2/22/2008 16:16	10.54	48.127	31.22	9.24	7.85	6.2	1.88
1361	2/22/2008 16:31	10.58	47.914	31.07	9.47	7.88	5.9	1.75
1362	2/22/2008 16:46	10.58	47.853	31.03	9.38	7.86	7.4	1.63
1363	2/22/2008 17:01	10.59	47.724	30.94	9.22	7.87	7.6	1.50
1364	2/22/2008 17:16	10.6	47.658	30.89	9.33	7.87	7.9	1.36
1365	2/22/2008 17:31	10.6	47.471	30.76	9.26	7.87	7.7	1.24
1366	2/22/2008 17:46	10.6	47.271	30.61	9.1	7.85	8.1	1.12
1367	2/22/2008 18:01	10.58	47.377	30.69	9.02	7.85	7.3	1.05
1368	2/22/2008 18:16	10.58	47.291	30.62	9	7.84	7.3	0.96
1369	2/22/2008 18:31	10.61	47.081	30.48	8.93	7.84	6.4	0.94
1370	2/22/2008 18:46	10.62	46.835	30.3	8.83	7.83	4.3	0.90
1371	2/22/2008 19:01	10.56	46.955	30.38	8.98	7.84	6.1	0.92
1372	2/22/2008 19:16	10.57	47.040	30.44	9	7.84	6.3	0.97
1373	2/22/2008 19:31	10.59	47.051	30.45	8.98	7.84	7.1	1.02
1374	2/22/2008 19:46	10.58	47.138	30.51	8.97	7.84	7.8	1.12
1375	2/22/2008 20:01	10.63	46.437	30.01	8.98	7.83	8.7	1.21
1376	2/22/2008 20:16	10.64	46.501	30.06	8.96	7.83	9.0	1.31
1377	2/22/2008 20:31	10.65	46.109	29.78	8.98	7.82	8.4	1.42
1378	2/22/2008 20:46	10.63	46.256	29.88	8.97	7.83	8.1	1.52
1379	2/22/2008 21:01	10.65	46.990	30.41	8.96	7.83	8.4	1.60
1380	2/22/2008 21:16	10.59	47.261	30.6	8.97	7.83	7.9	1.73
1381	2/22/2008 21:31	10.44	47.490	30.76	8.94	7.83	8.9	1.82
1382	2/22/2008 21:46	10.41	47.747	30.94	8.91	7.82	8.9	1.91
1383	2/22/2008 22:01	10.39	47.563	30.81	8.91	7.82	9.2	2.01
1384	2/22/2008 22:16	10.35	47.811	30.98	8.92	7.82	10.2	2.12
1385	2/22/2008 22:31	10.31	48.053	31.16	8.93	7.83	11.8	2.21
1386	2/22/2008 22:46	10.28	48.019	31.13	8.94	7.82	13.1	2.31
1387	2/22/2008 23:01	10.21	48.152	31.22	8.96	7.82	15.4	2.41
1388	2/22/2008 23:16	10.12	48.389	31.39	8.99	7.83	15.9	2.51
1389	2/22/2008 23:31	10.03	48.655	31.57	9.04	7.83	17.0	2.61
1390	2/22/2008 23:46	9.91	49.050	31.85	9.12	7.83	16.7	2.71
1391	2/23/2008 00:01	9.83	49.279	32.01	9.16	7.84	16.2	2.80
1392	2/23/2008 00:16	9.8	49.383	32.08	9.15	7.84	16.2	2.88
1393	2/23/2008 00:31	9.7	49.438	32.12	9.17	7.84	16.6	2.98
1394	2/23/2008 00:46	9.61	49.522	32.17	9.18	7.84	11.1	3.04

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1395	2/23/2008 01:01	9.54	49.418	32.09	9.15	7.85	7.5	3.09
1396	2/23/2008 01:16	9.53	49.782	32.35	9.12	7.85	7.0	3.13
1397	2/23/2008 01:31	9.64	48.893	31.72	8.98	7.83	9.0	3.16
1398	2/23/2008 01:46	9.53	49.884	32.42	9.04	7.84	6.8	3.17
1399	2/23/2008 02:01	9.54	49.818	32.38	9.04	7.84	7.5	3.12
1400	2/23/2008 02:16	9.61	48.217	31.23	9.02	7.83	8.5	3.07
1401	2/23/2008 02:31	9.65	48.332	31.31	8.96	7.82	8.0	3.00
1402	2/23/2008 02:46	9.68	48.539	31.47	8.95	7.82	9.0	2.88
1403	2/23/2008 03:01	9.71	48.350	31.33	8.91	7.82	9.2	2.78
1404	2/23/2008 03:16	9.73	48.370	31.35	8.91	7.82	9.9	2.68
1405	2/23/2008 03:31	9.75	48.405	31.37	8.94	7.82	10.4	2.56
1406	2/23/2008 03:46	9.77	48.460	31.42	8.93	7.82	8.6	2.44
1407	2/23/2008 04:01	9.71	48.385	31.36	8.89	7.82	7.9	2.35
1408	2/23/2008 04:16	9.75	48.172	31.21	8.87	7.82	7.5	2.23
1409	2/23/2008 04:31	9.69	48.265	31.27	8.91	7.82	7.2	2.13
1410	2/23/2008 04:46	9.78	47.999	31.08	8.9	7.82	7.3	2.03
1411	2/23/2008 05:01	9.73	47.974	31.06	8.88	7.82	6.9	1.93
1412	2/23/2008 05:16	9.81	47.589	30.79	8.83	7.82	7.5	1.82
1413	2/23/2008 05:31	9.62	47.818	30.94	8.81	7.81	5.6	1.72
1414	2/23/2008 05:46	9.68	47.628	30.81	8.75	7.81	6.1	1.62
1415	2/23/2008 06:01	9.64	47.727	30.88	8.74	7.81	6.1	1.53
1416	2/23/2008 06:16	9.55	47.689	30.85	8.7	7.81	5.6	1.44
1417	2/23/2008 06:31	9.62	47.418	30.66	8.7	7.81	5.0	1.37
1418	2/23/2008 06:46	9.65	47.372	30.63	8.68	7.81	4.9	1.32
1419	2/23/2008 07:01	9.66	47.116	30.44	8.65	7.81	4.2	1.29
1420	2/23/2008 07:16	9.66	47.230	30.52	8.64	7.81	4.2	1.28
1421	2/23/2008 07:31	9.66	47.245	30.54	8.71	7.81	4.5	1.31
1422	2/23/2008 07:46	9.69	47.154	30.47	8.72	7.81	4.7	1.34
1423	2/23/2008 08:01	9.65	46.981	30.35	8.73	7.81	5.1	1.41
1424	2/23/2008 08:16	9.5	46.922	30.29	8.74	7.81	6.5	1.49
1425	2/23/2008 08:31	9.37	46.611	30.06	8.73	7.8	7.2	1.58
1426	2/23/2008 08:46	9.61	46.926	30.3	8.72	7.8	6.8	1.66
1427	2/23/2008 09:01	9.69	47.204	30.51	8.73	7.81	6.5	1.77
1428	2/23/2008 09:16	9.72	47.476	30.7	8.76	7.81	6.8	1.86
1429	2/23/2008 09:31	9.72	47.845	30.97	8.81	7.81	6.5	1.93
1430	2/23/2008 09:46	9.75	47.932	31.03	8.86	7.82	6.7	2.01
1431	2/23/2008 10:01	9.79	48.026	31.1	8.89	7.82	6.8	2.10
1432	2/23/2008 10:16	9.8	48.046	31.12	8.9	7.82	7.2	2.18
1433	2/23/2008 10:31	9.77	48.095	31.15	8.92	7.82	8.0	2.26
1434	2/23/2008 10:46	9.73	48.173	31.21	8.94	7.83	9.7	2.35
1435	2/23/2008 11:01	9.72	48.444	31.4	8.95	7.83	9.3	2.44
1436	2/23/2008 11:16	9.66	48.634	31.53	8.97	7.83	11.1	2.54
1437	2/23/2008 11:31	9.58	48.651	31.54	9.01	7.83	12.9	2.63
1438	2/23/2008 11:46	9.52	48.795	31.64	9.04	7.83	11.5	2.72
1439	2/23/2008 12:01	9.43	49.302	32	9.08	7.84	12.2	2.80

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1440	2/23/2008 12:16	9.39	49.407	32.07	9.1	7.84	9.8	2.87
1441	2/23/2008 12:31	9.37	49.551	32.17	9.06	7.84	8.5	2.93
1442	2/23/2008 12:46	9.36	49.702	32.28	9.05	7.84	6.5	2.99
1443	2/23/2008 13:01	9.33	49.547	32.17	9.04	7.84	5.7	3.02
1444	2/23/2008 13:16	9.33	49.532	32.16	9.01	7.84	3.8	3.06
1445	2/23/2008 13:31	9.4	49.269	31.97	8.96	7.84	4.8	3.07
1446	2/23/2008 13:46	9.36	49.537	32.16	8.96	7.84	4.8	3.06
1447	2/23/2008 14:01	9.33	49.642	32.24	9	7.84	7.7	3.01
1448	2/23/2008 14:16	9.44	49.112	31.86	9.02	7.84	7.6	2.95
1449	2/23/2008 14:31	9.55	48.722	31.59	9.11	7.84	5.6	2.87
1450	2/23/2008 14:46	9.56	48.559	31.47	9.08	7.84	7.0	2.78
1451	2/23/2008 15:01	9.59	48.522	31.45	9.02	7.83	5.1	2.68
1452	2/23/2008 15:16	9.59	48.596	31.5	8.97	7.83	6.5	2.56
1453	2/23/2008 15:31	9.57	48.743	31.6	8.99	7.83	5.6	2.46
1454	2/23/2008 15:46	9.58	48.470	31.41	9	7.83	5.4	2.38
1455	2/23/2008 16:01	9.63	48.349	31.33	8.94	7.83	5.3	2.23
1456	2/23/2008 16:16	9.67	48.224	31.24	8.92	7.83	6.0	2.14
1457	2/23/2008 16:31	9.63	48.401	31.36	8.93	7.83	5.0	2.05
1458	2/23/2008 16:46	9.64	48.067	31.12	8.91	7.83	5.9	1.93
1459	2/23/2008 17:01	9.6	48.140	31.17	8.96	7.83	6.2	1.84
1460	2/23/2008 17:16	9.59	48.236	31.24	8.93	7.83	4.7	1.70
1461	2/23/2008 17:31	9.59	47.966	31.05	8.89	7.83	6.5	1.61
1462	2/23/2008 17:46	9.56	47.671	30.84	8.9	7.83	6.8	1.53
1463	2/23/2008 18:01	9.52	47.762	30.9	8.88	7.83	7.0	1.40
1464	2/23/2008 18:16	9.53	47.567	30.76	8.84	7.82	7.3	1.33
1465	2/23/2008 18:31	9.5	47.704	30.85	8.81	7.82	6.5	1.24
1466	2/23/2008 18:46	9.45	47.380	30.62	8.81	7.82	7.0	1.18
1467	2/23/2008 19:01	9.44	47.368	30.61	8.78	7.82	6.1	1.12
1468	2/23/2008 19:16	9.43	47.343	30.59	8.73	7.82	4.0	1.11
1469	2/23/2008 19:31	9.41	47.299	30.56	8.76	7.82	6.1	1.11
1470	2/23/2008 19:46	9.42	47.440	30.66	8.81	7.82	6.2	1.12
1471	2/23/2008 20:01	9.42	47.277	30.54	8.83	7.82	6.9	1.20
1472	2/23/2008 20:16	9.45	47.279	30.55	8.83	7.82	6.7	1.26
1473	2/23/2008 20:31	9.21	46.542	30	8.93	7.82	8.6	1.34
1474	2/23/2008 20:46	9.17	46.458	29.94	8.95	7.81	8.0	1.45
1475	2/23/2008 21:01	9.37	47.089	30.41	8.87	7.82	6.8	1.55
1476	2/23/2008 21:16	9.43	47.382	30.62	8.84	7.82	6.1	1.65
1477	2/23/2008 21:31	9.48	47.669	30.83	8.86	7.82	6.0	1.74
1478	2/23/2008 21:46	9.51	47.963	31.04	8.88	7.82	6.2	1.84
1479	2/23/2008 22:01	9.52	48.015	31.08	8.91	7.82	6.0	1.93
1480	2/23/2008 22:16	9.54	48.089	31.13	8.9	7.82	6.5	2.02
1481	2/23/2008 22:31	9.54	48.187	31.2	8.93	7.83	7.7	2.11
1482	2/23/2008 22:46	9.52	48.437	31.38	8.94	7.83	9.0	2.20
1483	2/23/2008 23:01	9.49	48.414	31.36	8.97	7.83	9.7	2.28
1484	2/23/2008 23:16	9.45	48.558	31.46	8.98	7.83	11.5	2.39

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1485	2/23/2008 23:31	9.38	48.662	31.53	9.01	7.83	11.4	2.49
1486	2/23/2008 23:46	9.31	49.065	31.82	9.04	7.84	12.5	2.59
1487	2/24/2008 00:01	9.24	49.258	31.95	9.05	7.84	12.0	2.69
1488	2/24/2008 00:16	9.18	49.473	32.1	9.06	7.85	12.1	2.80
1489	2/24/2008 00:31	9.11	49.541	32.15	9.06	7.85	11.7	2.89
1490	2/24/2008 00:46	9.09	49.875	32.39	9.04	7.85	10.3	2.98
1491	2/24/2008 01:01	9.07	49.988	32.47	9.04	7.85	8.6	3.06
1492	2/24/2008 01:16	9.06	49.938	32.43	9.03	7.85	5.7	3.13
1493	2/24/2008 01:31	9.04	49.679	32.24	8.98	7.85	5.0	3.18
1494	2/24/2008 01:46	9.04	49.959	32.44	9.01	7.85	3.8	3.22
1495	2/24/2008 02:01	9.07	49.396	32.04	8.85	7.84	4.2	3.23
1496	2/24/2008 02:16	9.06	50.039	32.5	8.92	7.85	4.8	3.22
1497	2/24/2008 02:31	9.07	49.979	32.46	8.91	7.85	5.1	3.20
1498	2/24/2008 02:46	9.08	49.527	32.13	9	7.85	6.5	3.13
1499	2/24/2008 03:01	9.08	49.183	31.89	9.01	7.84	5.6	3.06
1500	2/24/2008 03:16	9.05	49.469	32.09	9.01	7.85	5.6	2.97
1501	2/24/2008 03:31	9.16	49.146	31.87	8.98	7.84	7.7	2.87
1502	2/24/2008 03:46	9.21	48.823	31.64	8.95	7.83	7.9	2.76
1503	2/24/2008 04:01	9.15	49.002	31.76	8.99	7.84	8.7	2.64
1504	2/24/2008 04:16	9.19	49.067	31.81	8.98	7.84	7.6	2.56
1505	2/24/2008 04:31	9.25	48.951	31.73	8.95	7.83	7.5	2.44
1506	2/24/2008 04:46	9.27	48.532	31.43	8.94	7.83	7.8	2.33
1507	2/24/2008 05:01	9.25	48.648	31.51	8.92	7.83	8.1	2.24
1508	2/24/2008 05:16	9.25	48.436	31.36	8.89	7.83	8.4	2.15
1509	2/24/2008 05:31	9.19	48.544	31.44	8.92	7.83	11.1	2.04
1510	2/24/2008 05:46	9.15	48.748	31.58	8.93	7.83	12.3	1.92
1511	2/24/2008 06:01	9.19	48.316	31.27	8.92	7.83	14.7	1.83
1512	2/24/2008 06:16	9.18	48.228	31.21	8.91	7.83	14.5	1.76
1513	2/24/2008 06:31	9.16	48.196	31.18	8.91	7.82	15.2	1.65
1514	2/24/2008 06:46	9.17	48.106	31.12	8.88	7.82	14.0	1.58
1515	2/24/2008 07:01	9.18	47.933	31	8.87	7.82	13.7	1.50
1516	2/24/2008 07:16	9.15	47.732	30.85	8.86	7.82	12.6	1.46
1517	2/24/2008 07:31	9.15	47.866	30.95	8.86	7.82	13.2	1.38
1518	2/24/2008 07:46	9.17	47.699	30.83	8.83	7.82	10.9	1.36
1519	2/24/2008 08:01	9.17	47.528	30.71	8.7	7.81	4.8	1.35
1520	2/24/2008 08:16	9.18	47.488	30.68	8.84	7.82	7.9	1.29
1521	2/24/2008 08:31	9.19	47.567	30.73	8.88	7.82	10.3	1.36
1522	2/24/2008 08:46	9.2	47.777	30.89	8.89	7.82	11.2	1.40
1523	2/24/2008 09:01	9.14	47.553	30.72	8.93	7.82	9.9	1.48
1524	2/24/2008 09:16	8.89	47.128	30.4	8.98	7.81	8.8	1.54
1525	2/24/2008 09:31	8.95	47.263	30.5	8.96	7.81	9.5	1.63
1526	2/24/2008 09:46	9.05	47.558	30.72	8.93	7.82	9.2	1.69
1527	2/24/2008 10:01	9.08	47.596	30.75	8.93	7.82	8.1	1.78
1528	2/24/2008 10:16	9.11	47.998	31.04	8.92	7.82	7.6	1.86
1529	2/24/2008 10:31	9.14	47.801	30.9	8.97	7.83	8.6	1.90

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1530	2/24/2008 10:46	9.18	47.956	31.01	8.99	7.83	6.6	2.01
1531	2/24/2008 11:01	9.22	48.231	31.21	8.98	7.83	7.2	2.09
1532	2/24/2008 11:16	9.24	47.971	31.03	8.98	7.83	6.8	2.13
1533	2/24/2008 11:31	9.24	48.441	31.37	8.97	7.83	7.1	2.27
1534	2/24/2008 11:46	9.23	48.391	31.33	8.97	7.83	7.8	2.32
1535	2/24/2008 12:01	9.23	48.473	31.39	8.98	7.84	7.8	2.38
1536	2/24/2008 12:16	9.22	48.557	31.45	8.99	7.84	7.3	2.49
1537	2/24/2008 12:31	9.2	48.775	31.6	9	7.84	7.6	2.60
1538	2/24/2008 12:46	9.19	48.913	31.7	9	7.84	7.9	2.64
1539	2/24/2008 13:01	9.18	48.908	31.7	9.01	7.85	8.1	2.72
1540	2/24/2008 13:16	9.17	49.137	31.86	9.02	7.85	6.5	2.77
1541	2/24/2008 13:31	9.16	49.256	31.95	9.01	7.85	5.9	2.85
1542	2/24/2008 13:46	9.16	49.296	31.97	9.01	7.85	5.1	2.90
1543	2/24/2008 14:01	9.15	49.296	31.97	9.01	7.85	4.3	2.90
1544	2/24/2008 14:16	9.17	49.226	31.92	8.85	7.84	2.1	2.92
1545	2/24/2008 14:31	9.16	49.232	31.93	8.92	7.85	4.3	2.95
1546	2/24/2008 14:46	9.16	49.252	31.94	8.89	7.84	3.3	2.92
1547	2/24/2008 15:01	9.17	49.163	31.88	8.87	7.84	2.6	2.87
1548	2/24/2008 15:16	9.19	49.059	31.81	9.03	7.85	4.9	2.83
1549	2/24/2008 15:31	9.2	48.995	31.76	9.01	7.85	4.0	2.79
1550	2/24/2008 15:46	9.26	48.590	31.47	9.06	7.85	9.4	2.72
1551	2/24/2008 16:01	9.26	48.636	31.51	9.06	7.84	7.3	2.64
1552	2/24/2008 16:16	9.27	48.496	31.41	9.07	7.85	6.4	2.55
1553	2/24/2008 16:31	9.28	48.257	31.24	9.13	7.85	6.8	2.46
1554	2/24/2008 16:46	9.31	48.407	31.35	9.14	7.85	5.9	2.38
1555	2/24/2008 17:01	9.35	48.031	31.08	9.11	7.85	5.5	2.28
1556	2/24/2008 17:16	9.33	48.097	31.12	9.07	7.85	7.4	2.19
1557	2/24/2008 17:31	9.35	48.037	31.08	9.05	7.85	6.4	2.11
1558	2/24/2008 17:46	9.32	48.082	31.11	9.01	7.84	6.4	2.01
1559	2/24/2008 18:01	9.31	48.067	31.1	9	7.84	6.1	1.94
1560	2/24/2008 18:16	9.3	47.934	31.01	9	7.84	6.8	1.84
1561	2/24/2008 18:31	9.29	47.854	30.95	9.02	7.84	8.6	1.76
1562	2/24/2008 18:46	9.29	47.600	30.77	9.02	7.83	9.6	1.69
1563	2/24/2008 19:01	9.28	47.270	30.53	9.02	7.83	9.7	1.62
1564	2/24/2008 19:16	9.27	47.040	30.36	9	7.83	9.7	1.57
1565	2/24/2008 19:31	9.27	46.960	30.31	8.96	7.82	8.8	1.52
1566	2/24/2008 19:46	9.28	46.918	30.28	8.92	7.82	7.6	1.50
1567	2/24/2008 20:01	9.27	46.981	30.32	8.95	7.83	9.5	1.52
1568	2/24/2008 20:16	9.28	46.977	30.32	9	7.83	9.1	1.53
1569	2/24/2008 20:31	9.28	47.026	30.35	9.02	7.83	9.4	1.57
1570	2/24/2008 20:46	9.28	46.978	30.32	9.02	7.83	9.8	1.61
1571	2/24/2008 21:01	9.28	47.036	30.36	9.03	7.83	9.8	1.69
1572	2/24/2008 21:16	9.28	47.151	30.44	9.02	7.83	9.0	1.78
1573	2/24/2008 21:31	9.28	46.955	30.3	9.03	7.83	8.7	1.84
1574	2/24/2008 21:46	9.28	47.152	30.44	9.05	7.83	8.1	1.94

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1575	2/24/2008 22:01	9.29	47.551	30.73	9.04	7.83	8.9	2.03
1576	2/24/2008 22:16	9.3	47.467	30.67	9.05	7.84	7.8	2.12
1577	2/24/2008 22:31	9.3	47.705	30.84	9.05	7.84	8.6	2.19
1578	2/24/2008 22:46	9.29	47.753	30.87	9.05	7.84	7.5	2.27
1579	2/24/2008 23:01	9.29	47.799	30.91	9.04	7.84	8.6	2.36
1580	2/24/2008 23:16	9.28	47.847	30.94	9.03	7.84	9.0	2.43
1581	2/24/2008 23:31	9.28	47.815	30.92	9.03	7.84	9.0	2.52
1582	2/24/2008 23:46	9.27	47.862	30.95	9.03	7.84	10.1	2.60
1583	2/25/2008 00:01	9.26	48.074	31.1	9.02	7.84	11.4	2.70
1584	2/25/2008 00:16	9.24	48.294	31.26	9.04	7.84	13.6	2.80
1585	2/25/2008 00:31	9.23	48.317	31.27	9.06	7.84	10.1	2.88
1586	2/25/2008 00:46	9.22	48.554	31.44	9.06	7.84	9.8	2.97
1587	2/25/2008 01:01	9.2	48.708	31.55	9.11	7.85	9.3	3.05
1588	2/25/2008 01:16	9.2	49.009	31.77	9.17	7.85	9.9	3.12
1589	2/25/2008 01:31	9.19	49.142	31.87	9.21	7.86	7.9	3.19
1590	2/25/2008 01:46	9.19	49.037	31.79	9.23	7.86	7.1	3.23
1591	2/25/2008 02:01	9.19	49.176	31.89	9.21	7.86	5.9	3.27
1592	2/25/2008 02:16	9.21	48.792	31.61	9.1	7.85	3.1	3.28
1593	2/25/2008 02:31	9.2	48.975	31.75	9.02	7.85	6.2	3.29
1594	2/25/2008 02:46	9.19	49.070	31.81	9.11	7.85	6.8	3.27
1595	2/25/2008 03:01	9.2	48.866	31.67	9.08	7.85	7.9	3.21
1596	2/25/2008 03:16	9.2	48.135	31.14	8.99	7.83	6.2	3.15
1597	2/25/2008 03:31	9.21	48.086	31.11	8.95	7.83	7.9	3.07
1598	2/25/2008 03:46	9.19	47.634	30.78	8.95	7.83	7.1	2.98
1599	2/25/2008 04:01	9.19	47.541	30.72	8.96	7.83	6.7	2.89
1600	2/25/2008 04:16	9.2	47.694	30.83	8.95	7.83	7.7	2.79
1601	2/25/2008 04:31	9.2	47.824	30.92	8.9	7.83	7.2	2.70
1602	2/25/2008 04:46	9.19	47.086	30.39	8.96	7.83	7.9	2.59
1603	2/25/2008 05:01	9.19	47.247	30.51	8.94	7.83	8.2	2.50
1604	2/25/2008 05:16	9.17	47.038	30.35	8.93	7.82	6.8	2.40
1605	2/25/2008 05:31	9.15	47.193	30.46	8.94	7.82	5.4	2.30
1606	2/25/2008 05:46	9.16	47.250	30.51	8.94	7.82	7.0	2.20
1607	2/25/2008 06:01	9.18	47.210	30.48	8.92	7.82	8.2	2.09
1608	2/25/2008 06:16	9.17	47.277	30.53	8.89	7.82	5.9	2.00
1609	2/25/2008 06:31	9.18	47.034	30.35	8.88	7.82	5.9	1.89
1610	2/25/2008 06:46	9.16	47.384	30.6	8.83	7.81	6.7	1.80
1611	2/25/2008 07:01	9.16	47.263	30.51	8.82	7.81	6.0	1.71
1612	2/25/2008 07:16	9.15	47.145	30.43	8.8	7.81	6.5	1.62
1613	2/25/2008 07:31	9.17	46.903	30.26	8.8	7.81	6.9	1.55
1614	2/25/2008 07:46	9.17	46.820	30.2	8.79	7.81	7.0	1.47
1615	2/25/2008 08:01	9.19	46.644	30.07	8.76	7.8	7.0	1.43
1616	2/25/2008 08:16	9.21	46.559	30.02	8.73	7.8	6.5	1.39
1617	2/25/2008 08:31	9.23	46.363	29.88	8.58	7.79	2.0	1.37
1618	2/25/2008 08:46	9.24	46.538	30	8.76	7.8	6.5	1.39
1619	2/25/2008 09:01	9.25	46.668	30.1	8.8	7.81	6.7	1.42

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1620	2/25/2008 09:16	9.26	45.707	29.41	8.88	7.81	7.0	1.47
1621	2/25/2008 09:31	9.26	46.264	29.81	8.84	7.81	6.5	1.51
1622	2/25/2008 09:46	9.24	46.011	29.63	8.85	7.81	8.2	1.59
1623	2/25/2008 10:01	9.2	45.026	28.92	8.9	7.8	8.9	1.67
1624	2/25/2008 10:16	9.18	45.145	29.01	8.89	7.8	8.7	1.74
1625	2/25/2008 10:31	9.19	45.645	29.36	8.86	7.8	8.1	1.81
1626	2/25/2008 10:46	9.19	45.911	29.55	8.85	7.8	7.6	1.88
1627	2/25/2008 11:01	9.2	45.856	29.51	8.89	7.81	8.4	1.96
1628	2/25/2008 11:16	9.22	45.941	29.57	8.93	7.81	7.8	2.03
1629	2/25/2008 11:31	9.24	46.086	29.68	8.95	7.82	7.8	2.10
1630	2/25/2008 11:46	9.26	46.269	29.81	8.96	7.82	7.5	2.17
1631	2/25/2008 12:01	9.28	46.505	29.98	8.96	7.82	7.3	2.23
1632	2/25/2008 12:16	9.27	46.815	30.2	8.95	7.82	6.9	2.30
1633	2/25/2008 12:31	9.26	46.956	30.3	8.95	7.83	6.9	2.36
1634	2/25/2008 12:46	9.27	47.131	30.43	8.94	7.83	6.8	2.42
1635	2/25/2008 13:01	9.3	47.057	30.38	8.95	7.82	7.2	2.48
1636	2/25/2008 13:16	9.49	46.455	29.96	9.02	7.83	6.6	2.55
1637	2/25/2008 13:31	9.5	46.651	30.1	9.03	7.83	7.0	2.61
1638	2/25/2008 13:46	9.54	46.693	30.13	9.07	7.83	7.2	2.67
1639	2/25/2008 14:01	9.62	46.623	30.09	9.1	7.83	7.1	2.71
1640	2/25/2008 14:16	9.59	46.787	30.2	9.08	7.83	5.7	2.75
1641	2/25/2008 14:31	9.58	47.000	30.36	9.05	7.83	5.3	2.77
1642	2/25/2008 14:46	9.39	47.323	30.57	8.8	7.82	2.7	2.80
1643	2/25/2008 15:01	9.33	47.386	30.61	8.85	7.82	6.2	2.78
1644	2/25/2008 15:16	9.3	47.492	30.69	8.95	7.83	7.2	2.74
1645	2/25/2008 15:31	9.5	47.102	30.42	8.94	7.83	5.9	2.73
1646	2/25/2008 15:46	9.64	46.886	30.28	9.12	7.84	5.6	2.66
1647	2/25/2008 16:01	9.74	46.678	30.14	9.12	7.85	6.1	2.60
1648	2/25/2008 16:16	9.81	46.519	30.03	9.22	7.85	6.5	2.53
1649	2/25/2008 16:31	9.8	46.537	30.04	9.25	7.85	6.2	2.46
1650	2/25/2008 16:46	9.96	46.287	29.87	9.39	7.87	5.5	2.38
1651	2/25/2008 17:01	10.06	46.117	29.75	9.44	7.87	5.7	2.31
1652	2/25/2008 17:16	10.03	45.902	29.6	9.31	7.85	5.1	2.24
1653	2/25/2008 17:31	9.95	45.664	29.42	9.27	7.84	7.0	2.16
1654	2/25/2008 17:46	9.97	45.700	29.45	9.38	7.85	5.9	2.09
1655	2/25/2008 18:01	9.94	45.533	29.33	9.3	7.85	7.1	2.01
1656	2/25/2008 18:16	9.97	45.528	29.33	9.38	7.86	5.3	1.94
1657	2/25/2008 18:31	9.97	45.653	29.42	9.33	7.86	5.0	1.89
1658	2/25/2008 18:46	10.03	45.544	29.34	9.38	7.86	4.1	1.82
1659	2/25/2008 19:01	10.04	45.702	29.46	9.37	7.86	4.5	1.76
1660	2/25/2008 19:16	10.09	45.619	29.4	9.36	7.86	4.1	1.71
1661	2/25/2008 19:31	10.1	45.613	29.4	9.28	7.85	3.1	1.68
1662	2/25/2008 19:46	10.13	45.593	29.38	9.26	7.85	3.2	1.65
1663	2/25/2008 20:01	10.09	45.653	29.42	9.29	7.86	3.6	1.64
1664	2/25/2008 20:16	10.06	45.642	29.41	9.27	7.85	4.8	1.64

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1665	2/25/2008 20:31	10.02	45.710	29.46	9.19	7.84	4.3	1.65
1666	2/25/2008 20:46	9.95	45.589	29.37	9.17	7.84	5.4	1.68
1667	2/25/2008 21:01	9.94	45.523	29.32	9.26	7.85	5.9	1.71
1668	2/25/2008 21:16	9.91	45.508	29.31	9.23	7.84	5.8	1.77
1669	2/25/2008 21:31	9.93	45.235	29.12	9.25	7.84	6.5	1.84
1670	2/25/2008 21:46	9.93	45.325	29.18	9.24	7.84	6.7	1.91
1671	2/25/2008 22:01	9.93	45.432	29.26	9.25	7.84	7.3	1.97
1672	2/25/2008 22:16	9.88	45.624	29.39	9.2	7.84	7.3	2.04
1673	2/25/2008 22:31	9.84	45.559	29.34	9.18	7.84	7.0	2.13
1674	2/25/2008 22:46	9.73	45.914	29.59	9.12	7.83	7.0	2.19
1675	2/25/2008 23:01	9.67	46.350	29.9	9.08	7.83	7.5	2.25
1676	2/25/2008 23:16	9.68	46.319	29.87	9.08	7.83	6.8	2.34
1677	2/25/2008 23:31	9.7	46.514	30.02	9.1	7.84	7.2	2.40
1678	2/25/2008 23:46	9.7	46.386	29.92	9.12	7.84	6.8	2.48
1679	2/26/2008 00:01	9.65	46.642	30.1	9.1	7.84	8.2	2.55
1680	2/26/2008 00:16	9.61	46.671	30.12	9.11	7.84	9.1	2.63
1681	2/26/2008 00:31	9.58	46.818	30.22	9.13	7.84	13.2	2.71
1682	2/26/2008 00:46	9.54	46.709	30.14	9.13	7.84	11.7	2.78
1683	2/26/2008 01:01	9.54	47.040	30.38	9.14	7.85	12.6	2.87
1684	2/26/2008 01:16	9.51	47.011	30.36	9.15	7.85	11.5	2.95
1685	2/26/2008 01:31	9.49	47.216	30.5	9.16	7.85	10.4	3.02
1686	2/26/2008 01:46	9.48	47.391	30.63	9.16	7.86	11.4	3.08
1687	2/26/2008 02:01	9.49	47.447	30.67	9.16	7.86	10.0	3.15
1688	2/26/2008 02:16	9.5	47.618	30.79	9.15	7.86	9.3	3.18
1689	2/26/2008 02:31	9.5	47.555	30.75	9.12	7.86	6.2	3.22
1690	2/26/2008 02:46	9.5	47.638	30.81	9.03	7.86	5.6	3.23
1691	2/26/2008 03:01	9.5	47.563	30.75	9.04	7.86	6.9	3.22
1692	2/26/2008 03:16	9.5	47.665	30.83	8.98	7.86	7.9	3.19
1693	2/26/2008 03:31	9.45	46.490	29.98	9.01	7.83	6.7	3.16
1694	2/26/2008 03:46	9.43	46.075	29.68	9.01	7.83	8.4	3.08
1695	2/26/2008 04:01	9.4	45.880	29.54	9	7.83	10.6	3.02
1696	2/26/2008 04:16	9.43	45.202	29.06	9.05	7.83	7.4	2.94
1697	2/26/2008 04:31	9.45	45.475	29.26	9.02	7.83	8.0	2.84
1698	2/26/2008 04:46	9.47	45.407	29.21	9	7.82	7.4	2.77
1699	2/26/2008 05:01	9.5	45.870	29.54	9.01	7.83	8.2	2.67
1700	2/26/2008 05:16	9.51	45.890	29.56	9.02	7.83	6.0	2.58
1701	2/26/2008 05:31	9.51	45.699	29.42	9.02	7.83	6.9	2.48
1702	2/26/2008 05:46	9.48	45.133	29.02	8.99	7.82	5.3	2.39
1703	2/26/2008 06:01	9.47	45.589	29.34	8.97	7.82	5.7	2.31
1704	2/26/2008 06:16	9.48	45.412	29.22	8.97	7.82	6.2	2.21
1705	2/26/2008 06:31	9.5	45.634	29.37	8.97	7.82	6.0	2.11
1706	2/26/2008 06:46	9.53	45.446	29.24	8.95	7.81	6.2	2.02
1707	2/26/2008 07:01	9.58	45.250	29.11	8.93	7.81	6.5	1.93
1708	2/26/2008 07:16	9.52	45.402	29.21	8.92	7.81	5.8	1.83
1709	2/26/2008 07:31	9.5	45.372	29.19	8.89	7.81	5.5	1.74

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1710	2/26/2008 07:46	9.56	45.335	29.17	8.88	7.81	4.9	1.66
1711	2/26/2008 08:01	9.61	45.326	29.16	8.87	7.81	4.8	1.56
1712	2/26/2008 08:16	9.69	45.146	29.04	8.86	7.81	4.8	1.50
1713	2/26/2008 08:31	9.77	45.096	29.01	8.84	7.81	3.9	1.45
1714	2/26/2008 08:46	9.78	45.069	28.99	8.83	7.81	3.7	1.39
1715	2/26/2008 09:01	9.83	45.110	29.02	8.75	7.8	2.2	1.37
1716	2/26/2008 09:16	9.79	45.037	28.97	8.87	7.81	3.9	1.37
1717	2/26/2008 09:31	9.77	45.237	29.11	8.88	7.81	4.3	1.36
1718	2/26/2008 09:46	9.79	45.090	29.01	8.89	7.81	4.6	1.40
1719	2/26/2008 10:01	9.83	45.147	29.05	8.92	7.81	4.6	1.44
1720	2/26/2008 10:16	9.79	44.911	28.88	8.93	7.81	5.0	1.51
1721	2/26/2008 10:31	9.77	44.423	28.53	8.94	7.81	5.8	1.57
1722	2/26/2008 10:46	9.76	44.093	28.3	8.96	7.81	6.3	1.63
1723	2/26/2008 11:01	9.74	44.084	28.29	8.95	7.8	6.4	1.69
1724	2/26/2008 11:16	9.73	44.270	28.42	8.94	7.8	5.6	1.75
1725	2/26/2008 11:31	9.73	44.228	28.39	8.93	7.8	6.1	1.81
1726	2/26/2008 11:46	9.73	44.426	28.53	8.92	7.8	5.6	1.87
1727	2/26/2008 12:01	9.68	44.817	28.8	8.93	7.81	5.5	1.92
1728	2/26/2008 12:16	9.64	45.112	29.01	8.93	7.81	5.1	1.97
1729	2/26/2008 12:31	9.64	45.297	29.14	8.95	7.82	5.4	2.04
1730	2/26/2008 12:46	9.65	45.346	29.18	8.99	7.82	5.2	2.08
1731	2/26/2008 13:01	9.74	45.306	29.16	9.02	7.82	5.3	2.13
1732	2/26/2008 13:16	9.74	45.498	29.29	9.02	7.82	5.4	2.20
1733	2/26/2008 13:31	9.8	45.496	29.29	9.03	7.82	5.2	2.25
1734	2/26/2008 13:46	9.81	45.680	29.43	9.02	7.82	5.0	2.29
1735	2/26/2008 14:01	9.84	45.705	29.45	9.02	7.82	4.8	2.35
1736	2/26/2008 14:16	9.7	46.029	29.67	8.99	7.83	5.0	2.39
1737	2/26/2008 14:31	9.94	45.697	29.45	9.06	7.83	4.6	2.43
1738	2/26/2008 14:46	9.73	45.883	29.57	9.02	7.83	4.6	2.47
1739	2/26/2008 15:01	9.76	45.888	29.57	9.01	7.83	4.5	2.52
1740	2/26/2008 15:16	9.65	46.060	29.69	8.96	7.83	3.9	2.54
1741	2/26/2008 15:31	9.75	45.871	29.56	8.84	7.82	2.3	2.55
Mean		9.63	46.016	29.66	9.10	7.83	9.5	2.13
Minimum		8.67	38.149	24.13	8.39	7.76	1.2	0.56
Maximum		10.68	50.315	32.74	10.08	7.94	71.5	3.45
Standard Dev.		0.40	2.491	1.76	0.26	0.03	6.4	0.68

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					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	2/26/2008 15:46	9.85	45.867	29.56	8.99	7.52		2.59
1	2/26/2008 16:01	9.63	46.130	29.74	8.91	7.57	7.3	2.60
2	2/26/2008 16:16	9.64	46.139	29.74	8.85	7.6	5.1	2.58
3	2/26/2008 16:31	10.11	45.757	29.5	8.86	7.64	4.9	2.53
4	2/26/2008 16:46	9.75	46.026	29.67	8.85	7.63	4.7	2.50
5	2/26/2008 17:01	10.13	45.620	29.4	9.07	7.66	4.9	2.44
6	2/26/2008 17:16	10.27	45.405	29.26	9.26	7.69	4.6	2.39
7	2/26/2008 17:31	10.31	45.320	29.2	9.23	7.68	4.7	2.32
8	2/26/2008 17:46	10.24	45.230	29.13	9.18	7.67	5.1	2.26
9	2/26/2008 18:01	10.54	44.665	28.74	9.25	7.68	4.9	2.21
10	2/26/2008 18:16	10.31	44.969	28.95	9.15	7.68	5.1	2.14
11	2/26/2008 18:31	10.42	44.699	28.76	9.25	7.69	4.8	2.08
12	2/26/2008 18:46	10.32	44.739	28.79	9.13	7.68	4.8	2.04
13	2/26/2008 19:01	10.33	44.628	28.71	9.18	7.68	4.4	1.98
14	2/26/2008 19:16	10.35	44.557	28.66	9.17	7.67	4.0	1.95
15	2/26/2008 19:31	10.37	44.633	28.71	9.14	7.67	3.9	1.90
16	2/26/2008 19:46	10.37	44.592	28.68	9.12	7.67	4.1	1.88
17	2/26/2008 20:01	10.38	44.476	28.6	9.14	7.66	3.6	1.84
18	2/26/2008 20:16	10.27	44.744	28.79	9.03	7.65	3.4	1.85
19	2/26/2008 20:31	10.38	44.495	28.61	9.19	7.66	4.1	1.84
20	2/26/2008 20:46	10.43	44.573	28.67	9.29	7.67	4.3	1.84
21	2/26/2008 21:01	10.43	44.466	28.6	9.35	7.67	4.3	1.88
22	2/26/2008 21:16	10.15	44.957	28.93	9.08	7.63	4.4	1.88
23	2/26/2008 21:31	10.31	44.538	28.64	9.24	7.65	4.2	1.93
24	2/26/2008 21:46	10.3	44.590	28.68	9.17	7.64	4.6	1.97
25	2/26/2008 22:01	10.33	44.281	28.46	9.21	7.63	5.2	2.00
26	2/26/2008 22:16	10.32	44.400	28.54	9.17	7.63	4.7	2.05
27	2/26/2008 22:31	10.23	44.611	28.69	9.13	7.62	4.8	2.11
28	2/26/2008 22:46	10.21	44.709	28.76	9.14	7.62	4.6	2.16
29	2/26/2008 23:01	10.16	44.931	28.91	9.13	7.62	4.9	2.22
30	2/26/2008 23:16	10.15	44.990	28.95	9.14	7.62	5.0	2.29
31	2/26/2008 23:31	9.97	45.553	29.35	9.09	7.61	5.3	2.35
32	2/26/2008 23:46	9.93	45.747	29.48	9.08	7.61	5.8	2.42
33	2/27/2008 00:01	9.9	45.868	29.57	9.07	7.61	5.8	2.48
34	2/27/2008 00:16	9.89	45.859	29.56	9.07	7.61	5.0	2.54
35	2/27/2008 00:31	9.88	46.059	29.7	9.08	7.62	5.8	2.62
36	2/27/2008 00:46	9.85	46.237	29.83	9.07	7.62	6.2	2.68
37	2/27/2008 01:01	9.8	46.375	29.92	9.05	7.62	6.1	2.74
38	2/27/2008 01:16	9.77	46.481	30	9.04	7.62	7.2	2.82
39	2/27/2008 01:31	9.76	46.595	30.08	9.04	7.63	7.9	2.86
40	2/27/2008 01:46	9.77	46.683	30.14	9.03	7.63	7.7	2.94
41	2/27/2008 02:01	9.8	46.789	30.22	9.05	7.64	8.0	3.00
42	2/27/2008 02:16	9.79	46.850	30.26	9.03	7.64	7.7	3.05
43	2/27/2008 02:31	9.79	46.922	30.31	9.03	7.65	6.6	3.10
44	2/27/2008 02:46	9.79	46.954	30.34	9.01	7.65	5.6	3.14

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	2/27/2008 03:01	9.79	46.958	30.34	8.99	7.65	5.0	3.16
46	2/27/2008 03:16	9.8	46.738	30.18	8.88	7.63	4.4	3.18
47	2/27/2008 03:31	9.8	47.026	30.39	8.93	7.64	5.0	3.18
48	2/27/2008 03:46	9.8	47.059	30.41	8.93	7.64	5.4	3.15
49	2/27/2008 04:01	9.8	47.038	30.4	8.97	7.65	7.3	3.12
50	2/27/2008 04:16	9.79	46.165	29.77	8.87	7.6	5.8	3.07
51	2/27/2008 04:31	9.84	45.973	29.64	8.84	7.59	5.0	3.01
52	2/27/2008 04:46	9.85	45.766	29.49	8.86	7.59	4.8	2.94
53	2/27/2008 05:01	9.83	46.180	29.79	8.89	7.6	6.0	2.85
54	2/27/2008 05:16	9.86	45.816	29.53	8.92	7.6	6.7	2.77
55	2/27/2008 05:31	9.84	45.587	29.36	8.95	7.6	6.0	2.69
56	2/27/2008 05:46	9.85	45.233	29.11	8.84	7.58	5.0	2.61
57	2/27/2008 06:01	9.87	45.139	29.05	8.84	7.58	4.6	2.53
58	2/27/2008 06:16	9.85	45.039	28.97	8.88	7.58	4.6	2.45
59	2/27/2008 06:31	9.83	45.092	29.01	8.85	7.57	4.1	2.36
60	2/27/2008 06:46	9.86	45.083	29	8.88	7.57	4.7	2.27
61	2/27/2008 07:01	9.97	44.810	28.82	8.89	7.57	5.3	2.19
62	2/27/2008 07:16	9.97	45.040	28.98	8.86	7.57	5.4	2.09
63	2/27/2008 07:31	10.16	44.564	28.65	8.92	7.58	5.9	2.01
64	2/27/2008 07:46	10.19	44.549	28.64	8.9	7.58	4.6	1.92
65	2/27/2008 08:01	10.23	44.528	28.63	8.9	7.58	4.6	1.82
66	2/27/2008 08:16	10.21	44.642	28.71	8.86	7.58	4.4	1.74
67	2/27/2008 08:31	10.32	44.455	28.58	8.89	7.58	4.2	1.66
68	2/27/2008 08:46	10.37	44.458	28.59	8.88	7.58	4.1	1.57
69	2/27/2008 09:01	10.43	44.421	28.57	8.89	7.58	4.1	1.51
70	2/27/2008 09:16	10.48	44.357	28.52	8.89	7.58	3.7	1.45
71	2/27/2008 09:31	10.51	44.369	28.53	8.86	7.58	3.3	1.41
72	2/27/2008 09:46	10.55	44.336	28.51	8.81	7.58	3.5	1.39
73	2/27/2008 10:01	10.52	44.342	28.51	8.92	7.59	3.8	1.38
74	2/27/2008 10:16	10.47	44.353	28.52	8.9	7.58	3.8	1.40
75	2/27/2008 10:31	10.49	44.357	28.52	8.89	7.58	3.7	1.40
76	2/27/2008 10:46	10.46	44.362	28.52	8.89	7.58	3.8	1.49
77	2/27/2008 11:01	10.46	44.286	28.47	8.9	7.58	3.9	1.54
78	2/27/2008 11:16	10.43	44.168	28.38	8.89	7.58	4.0	1.59
79	2/27/2008 11:31	10.41	43.946	28.23	8.88	7.57	4.3	1.64
80	2/27/2008 11:46	10.4	43.932	28.22	8.87	7.57	4.2	1.68
81	2/27/2008 12:01	10.38	43.825	28.14	8.89	7.57	4.8	1.73
82	2/27/2008 12:16	10.34	43.941	28.22	8.86	7.57	4.3	1.79
83	2/27/2008 12:31	10.33	43.983	28.25	8.87	7.57	4.5	1.84
84	2/27/2008 12:46	10.32	44.113	28.34	8.84	7.57	4.2	1.88
85	2/27/2008 13:01	10.3	44.150	28.37	8.83	7.57	4.3	1.94
86	2/27/2008 13:16	10.18	44.409	28.54	8.81	7.57	4.3	1.98
87	2/27/2008 13:31	10.16	44.476	28.59	8.84	7.57	4.4	2.03
88	2/27/2008 13:46	10.11	44.632	28.7	8.86	7.57	4.4	2.08
89	2/27/2008 14:01	10.09	44.824	28.83	8.91	7.57	4.6	2.14

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	2/27/2008 14:16	10.08	44.907	28.89	8.92	7.58	4.7	2.19
91	2/27/2008 14:31	10.1	44.836	28.84	8.95	7.58	4.5	2.24
92	2/27/2008 14:46	10.03	45.284	29.16	8.89	7.58	4.4	2.29
93	2/27/2008 15:01	10.03	45.302	29.17	8.9	7.58	4.3	2.33
94	2/27/2008 15:16	10.01	45.381	29.23	8.91	7.58	4.3	2.37
95	2/27/2008 15:31	10.04	45.319	29.18	8.9	7.58	4.3	2.41
96	2/27/2008 15:46	10.01	45.436	29.26	8.88	7.58	4.3	2.44
97	2/27/2008 16:01	10.05	45.365	29.22	8.88	7.58	3.8	2.47
98	2/27/2008 16:16	10.06	45.359	29.21	8.83	7.58	3.6	2.50
99	2/27/2008 16:31	10.07	45.299	29.17	8.68	7.57	2.2	2.51
100	2/27/2008 16:46	10.01	45.461	29.28	8.67	7.57	2.8	2.51
101	2/27/2008 17:01	10.01	45.475	29.29	8.65	7.57	3.0	2.50
102	2/27/2008 17:16	10	45.490	29.3	8.76	7.57	3.2	2.49
103	2/27/2008 17:31	10.01	45.465	29.29	8.81	7.57	4.6	2.46
104	2/27/2008 17:46	10.03	45.398	29.24	8.78	7.57	3.7	2.43
105	2/27/2008 18:01	10.16	45.279	29.16	8.88	7.59	3.8	2.40
106	2/27/2008 18:16	11.19	44.885	28.93	9.56	7.7	4.1	2.34
107	2/27/2008 18:31	10.63	44.774	28.83	9.06	7.63	3.7	2.31
108	2/27/2008 18:46	11	44.393	28.57	9.75	7.68	3.6	2.29
109	2/27/2008 19:01	10.39	44.981	28.96	9.41	7.63	3.7	2.23
110	2/27/2008 19:16	10.37	44.841	28.86	9.1	7.61	3.9	2.20
111	2/27/2008 19:31	10.51	44.642	28.73	9.19	7.63	3.2	2.18
112	2/27/2008 19:46	10.6	44.356	28.53	9.34	7.64	3.7	2.14
113	2/27/2008 20:01	10.59	44.208	28.42	9.22	7.64	3.5	2.12
114	2/27/2008 20:16	10.61	44.247	28.45	9.24	7.64	3.0	2.09
115	2/27/2008 20:31	10.49	44.294	28.48	9.09	7.62	3.0	2.07
116	2/27/2008 20:46	10.95	44.117	28.37	9.54	7.7	2.7	2.06
117	2/27/2008 21:01	10.66	44.141	28.38	9.22	7.65	3.5	2.05
118	2/27/2008 21:16	10.74	44.058	28.32	9.44	7.66	3.8	2.05
119	2/27/2008 21:31	10.73	44.031	28.3	9.46	7.66	3.9	2.06
120	2/27/2008 21:46	10.59	44.200	28.42	9.24	7.63	3.9	2.08
121	2/27/2008 22:01	10.54	44.117	28.35	9.24	7.63	3.8	2.10
122	2/27/2008 22:16	10.34	44.672	28.74	8.99	7.59	4.1	2.14
123	2/27/2008 22:31	10.48	44.291	28.47	9.13	7.61	4.3	2.16
124	2/27/2008 22:46	10.44	44.382	28.54	9.11	7.61	4.4	2.20
125	2/27/2008 23:01	10.33	44.704	28.76	9.09	7.6	4.2	2.24
126	2/27/2008 23:16	10.35	44.674	28.74	9.05	7.6	3.9	2.29
127	2/27/2008 23:31	10.28	44.859	28.87	9.01	7.59	4.1	2.33
128	2/27/2008 23:46	10.21	45.021	28.98	8.97	7.59	4.4	2.38
129	2/28/2008 00:01	10.18	45.170	29.08	8.97	7.59	3.8	2.43
130	2/28/2008 00:16	10.14	45.290	29.17	8.98	7.59	4.1	2.49
131	2/28/2008 00:31	10.2	45.121	29.05	9.03	7.6	4.2	2.54
132	2/28/2008 00:46	10.13	45.335	29.2	9.01	7.6	4.5	2.59
133	2/28/2008 01:01	10.09	45.403	29.25	9.01	7.6	4.1	2.65
134	2/28/2008 01:16	10	45.269	29.15	9.03	7.6	3.9	2.72

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	2/28/2008 01:31	10	45.357	29.21	9.01	7.59	4.3	2.76
136	2/28/2008 01:46	10	45.600	29.38	8.99	7.6	4.3	2.83
137	2/28/2008 02:01	9.98	45.898	29.59	8.96	7.6	4.3	2.88
138	2/28/2008 02:16	9.97	45.838	29.55	8.96	7.6	4.2	2.92
139	2/28/2008 02:31	9.96	46.340	29.91	8.9	7.61	4.2	2.95
140	2/28/2008 02:46	9.94	46.680	30.15	8.88	7.61	4.3	3.00
141	2/28/2008 03:01	9.9	47.149	30.48	8.79	7.62	4.1	3.04
142	2/28/2008 03:16	9.9	47.250	30.55	8.79	7.62	4.2	3.07
143	2/28/2008 03:31	9.89	47.266	30.57	8.73	7.62	3.9	3.08
144	2/28/2008 03:46	9.94	46.642	30.12	8.65	7.6	2.9	3.09
145	2/28/2008 04:01	9.93	46.721	30.18	8.62	7.6	2.2	3.10
146	2/28/2008 04:16	9.91	47.048	30.41	8.64	7.61	3.2	3.10
147	2/28/2008 04:31	9.94	46.787	30.23	8.72	7.61	3.5	3.06
148	2/28/2008 04:46	9.94	45.508	29.31	8.74	7.58	4.4	3.04
149	2/28/2008 05:01	9.92	45.041	28.98	8.81	7.59	4.1	3.00
150	2/28/2008 05:16	9.95	45.205	29.1	8.82	7.59	6.0	2.94
151	2/28/2008 05:31	9.94	45.204	29.1	8.81	7.58	4.3	2.88
152	2/28/2008 05:46	9.96	45.569	29.36	8.82	7.59	4.6	2.81
153	2/28/2008 06:01	9.98	45.613	29.39	8.81	7.59	4.7	2.75
154	2/28/2008 06:16	9.98	45.534	29.33	8.77	7.58	4.3	2.68
155	2/28/2008 06:31	10.01	45.417	29.25	8.81	7.59	4.0	2.60
156	2/28/2008 06:46	10	45.191	29.09	8.74	7.57	3.7	2.53
157	2/28/2008 07:01	10	45.208	29.1	8.75	7.57	4.1	2.47
158	2/28/2008 07:16	10.05	44.978	28.94	8.83	7.58	4.3	2.37
159	2/28/2008 07:31	10.04	45.087	29.02	8.81	7.58	4.3	2.29
160	2/28/2008 07:46	10.12	44.832	28.84	8.85	7.58	4.7	2.21
161	2/28/2008 08:01	10.14	44.733	28.77	8.82	7.58	4.3	2.14
162	2/28/2008 08:16	10.18	44.598	28.68	8.83	7.58	3.5	2.05
163	2/28/2008 08:31	10.19	44.551	28.64	8.86	7.58	3.7	1.95
164	2/28/2008 08:46	10.25	44.378	28.53	8.89	7.58	4.0	1.88
165	2/28/2008 09:01	10.27	44.442	28.57	8.9	7.58	3.6	1.80
166	2/28/2008 09:16	10.31	44.456	28.58	8.95	7.59	3.5	1.72
167	2/28/2008 09:31	10.38	44.339	28.5	8.97	7.59	3.4	1.66
168	2/28/2008 09:46	10.43	44.295	28.48	8.97	7.59	3.3	1.59
169	2/28/2008 10:01	10.5	44.223	28.43	8.98	7.59	3.1	1.54
170	2/28/2008 10:16	10.54	44.215	28.42	8.92	7.59	2.2	1.48
171	2/28/2008 10:31	10.63	44.129	28.37	8.88	7.59	2.4	1.46
172	2/28/2008 10:46	10.63	44.176	28.4	9	7.6	3.3	1.46
173	2/28/2008 11:01	10.52	44.178	28.4	8.8	7.58	3.1	1.45
174	2/28/2008 11:16	10.38	44.303	28.48	8.79	7.57	3.1	1.46
175	2/28/2008 11:31	10.37	44.316	28.49	8.78	7.57	3.3	1.44
176	2/28/2008 11:46	10.37	44.328	28.5	8.77	7.57	3.4	1.49
177	2/28/2008 12:01	10.37	44.330	28.5	8.8	7.57	3.6	1.52
178	2/28/2008 12:16	10.48	44.105	28.34	8.88	7.58	3.5	1.55
179	2/28/2008 12:31	10.52	43.965	28.25	8.85	7.58	3.6	1.57

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	2/28/2008 12:46	10.49	43.855	28.17	8.85	7.58	3.9	1.61
181	2/28/2008 13:01	10.47	43.981	28.25	8.85	7.58	3.6	1.65
182	2/28/2008 13:16	10.43	44.103	28.34	8.85	7.58	3.6	1.68
183	2/28/2008 13:31	10.43	44.078	28.32	8.83	7.57	3.6	1.72
184	2/28/2008 13:46	10.43	44.046	28.3	8.87	7.57	3.5	1.77
185	2/28/2008 14:01	10.39	44.184	28.39	8.8	7.57	3.5	1.83
186	2/28/2008 14:16	10.37	44.165	28.38	8.79	7.57	3.5	1.85
187	2/28/2008 14:31	10.34	44.284	28.46	8.78	7.57	3.5	1.91
188	2/28/2008 14:46	10.29	44.468	28.59	8.81	7.58	3.5	1.97
189	2/28/2008 15:01	10.26	44.699	28.75	8.82	7.58	3.4	2.01
190	2/28/2008 15:16	10.28	44.741	28.78	8.86	7.59	3.6	2.06
191	2/28/2008 15:31	10.33	44.642	28.72	8.93	7.59	4.0	2.11
192	2/28/2008 15:46	10.23	45.052	29	8.82	7.59	3.5	2.15
193	2/28/2008 16:01	10.26	45.057	29.01	8.82	7.59	3.2	2.19
194	2/28/2008 16:16	10.23	45.289	29.17	8.83	7.59	3.4	2.23
195	2/28/2008 16:31	10.21	45.372	29.23	8.84	7.59	3.5	2.27
196	2/28/2008 16:46	10.37	45.076	29.03	8.91	7.59	3.5	2.31
197	2/28/2008 17:01	10.11	45.651	29.42	8.68	7.58	3.1	2.34
198	2/28/2008 17:16	10.09	45.728	29.48	8.7	7.58	3.3	2.36
199	2/28/2008 17:31	10.18	45.530	29.34	8.48	7.56	2.1	2.37
200	2/28/2008 17:46	10.41	44.953	28.94	8.75	7.59	2.5	2.40
201	2/28/2008 18:01	10.24	45.312	29.19	8.51	7.57	1.7	2.41
202	2/28/2008 18:16	10.13	45.594	29.38	8.49	7.57	1.9	2.38
203	2/28/2008 18:31	10.1	45.717	29.47	8.63	7.58	3.5	2.38
204	2/28/2008 18:46	10.12	45.648	29.42	8.62	7.58	2.3	2.40
205	2/28/2008 19:01	10.15	45.501	29.32	8.61	7.58	2.5	2.37
206	2/28/2008 19:16	10.18	45.390	29.24	8.63	7.58	2.6	2.35
207	2/28/2008 19:31	10.21	45.336	29.2	8.64	7.58	2.7	2.31
208	2/28/2008 19:46	10.23	45.295	29.18	8.63	7.58	2.3	2.31
209	2/28/2008 20:01	10.34	45.142	29.07	8.71	7.59	3.3	2.27
210	2/28/2008 20:16	10.23	45.282	29.17	8.62	7.57	2.3	2.26
211	2/28/2008 20:31	10.68	44.481	28.62	9.01	7.62	3.2	2.23
212	2/28/2008 20:46	10.66	44.576	28.69	8.96	7.62	3.1	2.22
213	2/28/2008 21:01	10.62	44.453	28.6	8.89	7.61	3.0	2.20
214	2/28/2008 21:16	10.61	44.462	28.6	8.9	7.6	2.5	2.19
215	2/28/2008 21:31	10.94	44.220	28.45	8.9	7.62	2.1	2.18
216	2/28/2008 21:46	10.73	44.305	28.5	8.95	7.61	2.5	2.17
217	2/28/2008 22:01	10.61	44.377	28.54	8.83	7.6	2.2	2.17
218	2/28/2008 22:16	10.74	44.296	28.49	8.75	7.61	2.8	2.19
219	2/28/2008 22:31	10.76	44.434	28.59	8.99	7.61	3.2	2.16
220	2/28/2008 22:46	10.61	44.441	28.59	8.98	7.6	3.2	2.18
221	2/28/2008 23:01	10.62	44.426	28.58	8.98	7.6	3.2	2.21
222	2/28/2008 23:16	10.67	44.455	28.6	9.07	7.61	3.5	2.22
223	2/28/2008 23:31	10.49	44.834	28.86	8.98	7.6	3.7	2.24
224	2/28/2008 23:46	10.32	45.178	29.1	8.76	7.58	3.3	2.28

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	2/29/2008 00:01	10.34	45.165	29.09	8.82	7.59	4.1	2.32
226	2/29/2008 00:16	10.25	45.400	29.25	8.73	7.58	3.3	2.34
227	2/29/2008 00:31	10.22	45.510	29.33	8.73	7.58	3.5	2.37
228	2/29/2008 00:46	10.24	45.526	29.34	8.77	7.59	3.5	2.44
229	2/29/2008 01:01	10.25	45.543	29.35	8.76	7.59	3.4	2.47
230	2/29/2008 01:16	10.24	45.622	29.41	8.77	7.59	3.4	2.52
231	2/29/2008 01:31	10.27	45.565	29.37	8.79	7.59	3.4	2.56
232	2/29/2008 01:46	10.29	45.585	29.39	8.81	7.6	3.5	2.61
233	2/29/2008 02:01	10.26	45.866	29.59	8.81	7.6	3.3	2.66
234	2/29/2008 02:16	10.19	46.449	30	8.81	7.61	3.5	2.70
235	2/29/2008 02:31	10.14	46.879	30.3	8.82	7.61	3.6	2.75
236	2/29/2008 02:46	10.18	46.460	30.01	8.83	7.61	3.5	2.79
237	2/29/2008 03:01	10.14	46.987	30.38	8.85	7.62	3.8	2.83
238	2/29/2008 03:16	10.15	46.954	30.36	8.88	7.62	3.6	2.87
239	2/29/2008 03:31	10.17	46.726	30.2	8.88	7.62	3.6	2.90
240	2/29/2008 03:46	10.19	46.765	30.22	8.85	7.62	3.6	2.94
241	2/29/2008 04:01	10.23	46.482	30.02	8.85	7.61	3.3	2.97
242	2/29/2008 04:16	10.26	46.444	30	8.81	7.61	2.6	2.99
243	2/29/2008 04:31	10.26	46.490	30.03	8.73	7.6	2.9	3.01
244	2/29/2008 04:46	10.2	46.483	30.02	8.52	7.59	1.4	3.03
245	2/29/2008 05:01	10.22	46.328	29.91	8.5	7.59	2.4	3.01
246	2/29/2008 05:16	10.13	47.104	30.46	8.68	7.61	3.4	3.00
247	2/29/2008 05:31	10.21	46.477	30.02	8.64	7.6	3.3	2.98
248	2/29/2008 05:46	10.39	45.106	29.05	8.69	7.59	3.9	2.95
249	2/29/2008 06:01	10.34	45.534	29.35	8.73	7.6	3.5	2.90
250	2/29/2008 06:16	10.37	45.223	29.13	8.69	7.59	3.7	2.84
251	2/29/2008 06:31	10.38	45.169	29.1	8.7	7.59	3.6	2.79
252	2/29/2008 06:46	10.29	45.662	29.44	8.66	7.59	3.9	2.73
253	2/29/2008 07:01	10.26	45.638	29.42	8.61	7.58	3.2	2.67
254	2/29/2008 07:16	10.25	45.573	29.38	8.65	7.58	2.9	2.62
255	2/29/2008 07:31	10.24	45.577	29.38	8.65	7.59	2.9	2.56
256	2/29/2008 07:46	10.26	45.242	29.14	8.67	7.58	2.5	2.49
257	2/29/2008 08:01	10.27	45.159	29.08	8.7	7.58	3.0	2.44
258	2/29/2008 08:16	10.28	45.054	29.01	8.71	7.58	3.1	2.38
259	2/29/2008 08:31	10.31	45.030	28.99	8.74	7.58	3.0	2.30
260	2/29/2008 08:46	10.39	44.846	28.87	8.79	7.59	4.1	2.22
261	2/29/2008 09:01	10.47	44.686	28.76	8.78	7.59	3.9	2.14
262	2/29/2008 09:16	10.52	44.579	28.68	8.83	7.59	4.1	2.06
263	2/29/2008 09:31	10.61	44.396	28.56	8.83	7.59	3.6	1.96
264	2/29/2008 09:46	10.58	44.548	28.66	8.91	7.6	3.7	1.88
265	2/29/2008 10:01	10.65	44.509	28.64	9.01	7.61	3.3	1.82
266	2/29/2008 10:16	10.74	44.369	28.54	9.02	7.61	3.1	1.73
267	2/29/2008 10:31	10.82	44.281	28.48	9.03	7.62	2.9	1.64
268	2/29/2008 10:46	10.89	44.234	28.46	9	7.62	2.8	1.59
269	2/29/2008 11:01	10.95	44.179	28.42	8.93	7.62	2.8	1.54

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	2/29/2008 11:16	10.98	44.133	28.39	8.8	7.6	2.0	1.50
271	2/29/2008 11:31	11.04	44.120	28.38	8.8	7.61	2.1	1.47
272	2/29/2008 11:46	10.85	44.373	28.55	8.84	7.6	2.9	1.46
273	2/29/2008 12:01	10.79	44.375	28.55	8.74	7.59	2.8	1.45
274	2/29/2008 12:16	10.79	44.407	28.57	8.8	7.59	3.0	1.45
275	2/29/2008 12:31	10.89	44.329	28.52	8.88	7.6	3.3	1.47
276	2/29/2008 12:46	10.91	44.329	28.52	8.85	7.6	4.2	1.47
277	2/29/2008 13:01	11.12	43.380	27.86	8.9	7.6	11.6	1.49
278	2/29/2008 13:16	11.05	43.653	28.05	8.84	7.6	7.7	1.51
279	2/29/2008 13:31	11.14	42.772	27.43	8.88	7.59	7.1	1.54
280	2/29/2008 13:46	11.12	42.504	27.24	8.9	7.59	5.8	1.56
281	2/29/2008 14:01	10.89	43.715	28.09	8.78	7.59	3.9	1.60
282	2/29/2008 14:16	10.8	44.004	28.29	8.77	7.59	3.8	1.64
283	2/29/2008 14:31	10.77	44.187	28.42	8.75	7.59	3.2	1.66
284	2/29/2008 14:46	10.86	43.900	28.22	8.79	7.59	3.7	1.71
285	2/29/2008 15:01	10.89	43.854	28.18	8.86	7.59	3.6	1.77
286	2/29/2008 15:16	10.99	43.684	28.07	8.84	7.59	4.1	1.81
287	2/29/2008 15:31	10.94	43.810	28.16	8.82	7.59	3.7	1.86
288	2/29/2008 15:46	10.92	43.818	28.16	8.82	7.59	3.8	1.91
289	2/29/2008 16:01	10.83	44.057	28.33	8.77	7.59	3.7	1.96
290	2/29/2008 16:16	10.8	44.355	28.54	8.82	7.59	3.6	2.01
291	2/29/2008 16:31	10.86	44.739	28.81	8.87	7.6	3.8	2.07
292	2/29/2008 16:46	10.78	44.971	28.97	8.87	7.6	3.6	2.11
293	2/29/2008 17:01	10.78	45.014	29.01	8.88	7.6	3.4	2.15
294	2/29/2008 17:16	10.76	44.967	28.97	8.89	7.6	3.5	2.21
295	2/29/2008 17:31	10.69	45.128	29.08	8.86	7.6	3.3	2.24
296	2/29/2008 17:46	10.64	45.198	29.13	8.86	7.6	3.5	2.28
297	2/29/2008 18:01	10.58	45.280	29.18	8.86	7.6	3.3	2.32
298	2/29/2008 18:16	10.55	45.341	29.23	8.85	7.6	3.6	2.37
299	2/29/2008 18:31	10.57	45.304	29.2	8.87	7.6	3.6	2.39
300	2/29/2008 18:46	10.57	45.331	29.22	8.82	7.6	3.8	2.41
301	2/29/2008 19:01	10.56	45.370	29.25	8.78	7.6	3.3	2.45
302	2/29/2008 19:16	10.54	45.461	29.31	8.71	7.6	2.9	2.46
303	2/29/2008 19:31	10.51	45.561	29.38	8.4	7.57	2.1	2.46
304	2/29/2008 19:46	10.49	45.636	29.43	8.42	7.57	2.4	2.48
305	2/29/2008 20:01	10.49	45.634	29.43	8.41	7.57	2.0	2.48
306	2/29/2008 20:16	10.51	45.534	29.36	8.57	7.59	2.6	2.46
307	2/29/2008 20:31	10.53	45.477	29.32	8.57	7.59	2.3	2.46
308	2/29/2008 20:46	10.54	45.431	29.29	8.57	7.58	2.4	2.45
309	2/29/2008 21:01	10.56	45.373	29.25	8.51	7.59	2.3	2.43
310	2/29/2008 21:16	10.59	45.202	29.13	8.51	7.59	2.2	2.42
311	2/29/2008 21:31	10.63	45.082	29.05	8.59	7.59	2.4	2.40
312	2/29/2008 21:46	10.64	44.999	28.99	8.58	7.58	2.4	2.37
313	2/29/2008 22:01	10.68	44.972	28.97	8.59	7.58	2.3	2.35
314	2/29/2008 22:16	10.68	45.007	28.99	8.55	7.58	2.2	2.34

sonde #3			Indian Island Long-Term Deployment Water Quality Data				TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	2/29/2008 22:31	10.66	44.870	28.9	8.53	7.58	2.5	2.32
316	2/29/2008 22:46	10.69	44.794	28.84	8.52	7.58	2.0	2.32
317	2/29/2008 23:01	10.71	44.683	28.77	8.51	7.58	2.1	2.31
318	2/29/2008 23:16	10.71	44.690	28.77	8.44	7.57	1.1	2.31
319	2/29/2008 23:31	10.71	44.643	28.74	8.38	7.57	1.2	2.31
320	2/29/2008 23:46	10.67	44.616	28.72	8.57	7.58	2.8	2.31
321	3/1/2008 00:01	10.67	44.581	28.69	8.64	7.59	2.9	2.33
322	3/1/2008 00:16	10.65	44.551	28.67	8.72	7.59	3.2	2.35
323	3/1/2008 00:31	10.65	44.851	28.88	8.69	7.59	3.0	2.36
324	3/1/2008 00:46	10.64	45.050	29.02	8.65	7.59	2.9	2.39
325	3/1/2008 01:01	10.64	45.038	29.02	8.67	7.59	2.7	2.43
326	3/1/2008 01:16	10.6	45.073	29.04	8.64	7.58	3.3	2.45
327	3/1/2008 01:31	10.57	45.125	29.07	8.66	7.58	3.3	2.49
328	3/1/2008 01:46	10.51	45.110	29.06	8.7	7.59	3.0	2.53
329	3/1/2008 02:01	10.45	45.402	29.26	8.72	7.59	3.5	2.56
330	3/1/2008 02:16	10.4	45.439	29.29	8.75	7.59	3.4	2.60
331	3/1/2008 02:31	10.39	45.488	29.32	8.78	7.59	3.2	2.64
332	3/1/2008 02:46	10.37	45.530	29.35	8.78	7.59	3.8	2.67
333	3/1/2008 03:01	10.38	45.825	29.56	8.73	7.59	3.2	2.71
334	3/1/2008 03:16	10.34	45.868	29.59	8.77	7.6	3.2	2.76
335	3/1/2008 03:31	10.34	46.071	29.74	8.77	7.6	3.0	2.79
336	3/1/2008 03:46	10.35	46.209	29.84	8.8	7.6	3.0	2.82
337	3/1/2008 04:01	10.35	46.424	29.99	8.8	7.61	3.2	2.86
338	3/1/2008 04:16	10.36	46.628	30.14	8.81	7.61	3.2	2.90
339	3/1/2008 04:31	10.37	46.824	30.28	8.82	7.61	2.9	2.93
340	3/1/2008 04:46	10.36	46.875	30.31	8.8	7.61	3.0	2.96
341	3/1/2008 05:01	10.36	46.874	30.31	8.82	7.61	2.9	3.00
342	3/1/2008 05:16	10.35	46.912	30.34	8.79	7.61	3.0	3.01
343	3/1/2008 05:31	10.36	46.850	30.3	8.57	7.6	2.1	3.01
344	3/1/2008 05:46	10.37	46.987	30.39	8.6	7.6	2.0	3.03
345	3/1/2008 06:01	10.37	46.902	30.33	8.62	7.6	2.7	3.02
346	3/1/2008 06:16	10.36	46.790	30.25	8.73	7.61	3.3	3.01
347	3/1/2008 06:31	10.36	46.683	30.18	8.69	7.61	2.8	3.00
348	3/1/2008 06:46	10.35	46.306	29.91	8.6	7.6	3.0	2.96
349	3/1/2008 07:01	10.29	45.868	29.59	8.53	7.58	3.2	2.91
350	3/1/2008 07:16	10.24	45.559	29.37	8.53	7.57	3.1	2.89
351	3/1/2008 07:31	10.23	45.450	29.29	8.52	7.57	3.0	2.84
352	3/1/2008 07:46	10.26	45.530	29.35	8.51	7.57	2.9	2.79
353	3/1/2008 08:01	10.26	45.342	29.21	8.51	7.57	3.0	2.72
354	3/1/2008 08:16	10.32	45.395	29.25	8.49	7.57	3.5	2.67
355	3/1/2008 08:31	10.36	45.479	29.32	8.57	7.58	3.2	2.62
356	3/1/2008 08:46	10.41	45.479	29.32	8.62	7.58	3.7	2.53
357	3/1/2008 09:01	10.44	45.260	29.16	8.66	7.58	4.1	2.47
358	3/1/2008 09:16	10.48	45.272	29.17	8.69	7.59	3.6	2.39
359	3/1/2008 09:31	10.55	45.103	29.06	8.78	7.59	3.5	2.31

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	3/1/2008 09:46	10.6	44.742	28.8	8.66	7.58	3.5	2.25
361	3/1/2008 10:01	10.66	44.714	28.79	8.81	7.59	5.0	2.14
362	3/1/2008 10:16	10.76	44.652	28.75	9	7.61	3.2	2.07
363	3/1/2008 10:31	10.79	44.393	28.56	8.91	7.61	3.6	2.00
364	3/1/2008 10:46	10.86	44.292	28.49	8.95	7.62	3.0	1.90
365	3/1/2008 11:01	10.95	44.201	28.43	9.21	7.65	3.6	1.82
366	3/1/2008 11:16	11	44.161	28.41	9.19	7.65	3.6	1.74
367	3/1/2008 11:31	11.06	44.083	28.36	9.17	7.66	3.3	1.68
368	3/1/2008 11:46	11.14	43.942	28.26	9.26	7.67	3.6	1.59
369	3/1/2008 12:01	11.18	43.824	28.18	9.24	7.67	4.1	1.52
370	3/1/2008 12:16	11.25	43.613	28.03	9.19	7.67	4.1	1.47
371	3/1/2008 12:31	11.27	43.616	28.03	8.95	7.66	3.2	1.43
372	3/1/2008 12:46	11.37	43.659	28.07	8.96	7.66	1.6	1.38
373	3/1/2008 13:01	11.29	43.760	28.14	9.04	7.67	3.4	1.34
374	3/1/2008 13:16	11.21	43.831	28.18	9.04	7.65	3.3	1.35
375	3/1/2008 13:31	11.39	43.855	28.21	9.17	7.66	3.5	1.34
376	3/1/2008 13:46	11.14	43.938	28.26	8.99	7.64	3.3	1.34
377	3/1/2008 14:01	11.07	43.960	28.27	8.93	7.63	3.1	1.39
378	3/1/2008 14:16	11.33	43.856	28.21	9.06	7.65	3.3	1.42
379	3/1/2008 14:31	11.23	43.911	28.24	8.93	7.64	3.2	1.45
380	3/1/2008 14:46	11.6	43.437	27.92	9	7.64	3.6	1.46
381	3/1/2008 15:01	11.14	43.945	28.26	8.9	7.63	2.9	1.51
382	3/1/2008 15:16	11.17	43.914	28.24	8.88	7.63	3.5	1.56
383	3/1/2008 15:31	11.36	43.689	28.09	8.96	7.63	3.3	1.59
384	3/1/2008 15:46	11.22	43.869	28.21	8.87	7.62	3.1	1.64
385	3/1/2008 16:01	11.16	43.904	28.23	8.89	7.62	3.2	1.69
386	3/1/2008 16:16	11.11	43.931	28.25	8.89	7.62	3.6	1.75
387	3/1/2008 16:31	11.05	43.972	28.28	8.84	7.61	3.0	1.78
388	3/1/2008 16:46	10.99	43.973	28.27	8.78	7.61	2.7	1.84
389	3/1/2008 17:01	10.88	44.105	28.36	8.67	7.59	3.1	1.91
390	3/1/2008 17:16	10.76	44.402	28.57	8.63	7.58	2.9	1.97
391	3/1/2008 17:31	10.76	44.511	28.65	8.71	7.58	3.0	2.02
392	3/1/2008 17:46	10.8	44.379	28.55	8.75	7.59	3.3	2.08
393	3/1/2008 18:01	10.77	44.518	28.65	8.74	7.59	2.9	2.13
394	3/1/2008 18:16	10.75	44.612	28.72	8.74	7.59	3.1	2.20
395	3/1/2008 18:31	10.75	44.668	28.76	8.76	7.59	2.8	2.24
396	3/1/2008 18:46	10.78	44.627	28.73	8.71	7.59	3.0	2.28
397	3/1/2008 19:01	10.67	44.921	28.93	8.7	7.58	3.0	2.33
398	3/1/2008 19:16	10.59	45.239	29.16	8.64	7.58	2.7	2.37
399	3/1/2008 19:31	10.7	44.927	28.94	8.67	7.59	3.1	2.41
400	3/1/2008 19:46	10.75	44.488	28.63	8.66	7.6	3.2	2.44
401	3/1/2008 20:01	10.67	44.514	28.64	8.61	7.63	3.2	2.46
402	3/1/2008 20:16	10.68	44.807	28.85	8.56	7.59	2.7	2.48
403	3/1/2008 20:31	10.64	44.643	28.73	8.61	7.62	4.0	2.50
404	3/1/2008 20:46	10.54	45.232	29.15	8.55	7.59	2.2	2.52

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	3/1/2008 21:01	10.56	45.446	29.3	8.39	7.57	2.1	2.52
406	3/1/2008 21:16	10.57	45.353	29.24	8.42	7.57	3.2	2.51
407	3/1/2008 21:31	10.59	45.056	29.03	8.48	7.58	4.6	2.50
408	3/1/2008 21:46	10.57	44.793	28.84	8.58	7.58	4.4	2.51
409	3/1/2008 22:01	10.56	44.720	28.78	8.57	7.58	5.5	2.49
410	3/1/2008 22:16	10.54	44.611	28.71	8.65	7.59	8.2	2.45
411	3/1/2008 22:31	10.36	44.516	28.63	8.62	7.6	6.6	2.45
412	3/1/2008 22:46	10.42	44.478	28.6	8.65	7.59	7.1	2.41
413	3/1/2008 23:01	10.32	44.571	28.67	8.6	7.59	5.9	2.38
414	3/1/2008 23:16	10.35	44.289	28.47	8.64	7.58	5.2	2.35
415	3/1/2008 23:31	10.38	44.568	28.67	8.55	7.57	4.6	2.32
416	3/1/2008 23:46	10.3	44.444	28.57	8.57	7.57	4.7	2.32
417	3/2/2008 00:01	10.28	44.382	28.53	8.58	7.57	4.8	2.28
418	3/2/2008 00:16	10.32	44.445	28.58	8.52	7.57	4.9	2.28
419	3/2/2008 00:31	10.26	44.374	28.52	8.5	7.57	4.2	2.28
420	3/2/2008 00:46	10.37	44.171	28.38	8.49	7.57	3.6	2.26
421	3/2/2008 01:01	10.28	44.264	28.45	8.52	7.57	5.0	2.26
422	3/2/2008 01:16	10.25	44.187	28.39	8.6	7.57	5.1	2.26
423	3/2/2008 01:31	10.33	44.251	28.44	8.61	7.57	5.2	2.28
424	3/2/2008 01:46	10.48	44.322	28.5	8.61	7.57	4.2	2.29
425	3/2/2008 02:01	10.5	44.465	28.6	8.68	7.58	4.5	2.33
426	3/2/2008 02:16	10.54	44.894	28.91	8.6	7.58	3.8	2.34
427	3/2/2008 02:31	10.59	44.737	28.8	8.63	7.58	3.9	2.37
428	3/2/2008 02:46	10.55	45.059	29.03	8.59	7.58	3.8	2.41
429	3/2/2008 03:01	10.53	45.427	29.29	8.59	7.58	4.3	2.44
430	3/2/2008 03:16	10.55	45.457	29.31	8.64	7.59	3.8	2.47
431	3/2/2008 03:31	10.54	45.571	29.39	8.66	7.59	3.6	2.51
432	3/2/2008 03:46	10.54	45.562	29.38	8.66	7.59	3.6	2.56
433	3/2/2008 04:01	10.54	45.539	29.37	8.65	7.59	3.9	2.60
434	3/2/2008 04:16	10.53	45.566	29.39	8.7	7.59	3.7	2.64
435	3/2/2008 04:31	10.51	45.894	29.62	8.72	7.6	3.8	2.69
436	3/2/2008 04:46	10.47	46.336	29.93	8.75	7.6	3.2	2.72
437	3/2/2008 05:01	10.42	46.670	30.17	8.75	7.61	3.5	2.77
438	3/2/2008 05:16	10.37	46.739	30.22	8.76	7.61	3.5	2.82
439	3/2/2008 05:31	10.33	46.843	30.29	8.74	7.61	3.6	2.85
440	3/2/2008 05:46	10.33	46.338	29.93	8.76	7.61	3.8	2.90
441	3/2/2008 06:01	10.3	46.296	29.9	8.73	7.6	3.6	2.92
442	3/2/2008 06:16	10.26	46.055	29.72	8.73	7.6	3.3	2.95
443	3/2/2008 06:31	10.26	46.184	29.81	8.72	7.6	3.3	2.96
444	3/2/2008 06:46	10.29	46.682	30.17	8.72	7.6	3.1	2.98
445	3/2/2008 07:01	10.28	46.638	30.14	8.57	7.59	3.0	2.99
446	3/2/2008 07:16	10.39	46.345	29.94	8.38	7.58	2.6	2.98
447	3/2/2008 07:31	10.34	46.355	29.94	8.49	7.58	2.9	2.97
448	3/2/2008 07:46	9.65	44.890	28.85	8.42	7.55	4.3	2.95
449	3/2/2008 08:01	9.93	45.081	29.01	8.55	7.57	3.4	2.91

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	3/2/2008 08:16	9.8	44.863	28.84	8.67	7.58	4.0	2.86
451	3/2/2008 08:31	9.9	44.956	28.92	8.73	7.58	4.7	2.81
452	3/2/2008 08:46	9.92	44.994	28.94	8.81	7.59	4.1	2.77
453	3/2/2008 09:01	10.16	45.536	29.34	8.74	7.59	3.7	2.70
454	3/2/2008 09:16	10.22	45.578	29.38	8.73	7.6	3.6	2.62
455	3/2/2008 09:31	10.23	45.335	29.2	8.76	7.6	3.6	2.56
456	3/2/2008 09:46	10.24	44.954	28.93	8.82	7.6	3.8	2.49
457	3/2/2008 10:01	10.34	44.932	28.92	8.89	7.61	4.7	2.40
458	3/2/2008 10:16	10.45	44.868	28.88	9.03	7.62	5.0	2.31
459	3/2/2008 10:31	10.52	44.813	28.85	9.12	7.63	4.1	2.24
460	3/2/2008 10:46	10.64	44.712	28.78	9.16	7.64	4.3	2.15
461	3/2/2008 11:01	10.68	44.348	28.53	9.05	7.63	4.1	2.06
462	3/2/2008 11:16	10.96	44.419	28.59	9.39	7.67	4.1	1.97
463	3/2/2008 11:31	11.05	44.247	28.47	9.39	7.66	3.8	1.88
464	3/2/2008 11:46	11.08	44.185	28.43	9.3	7.66	3.6	1.78
465	3/2/2008 12:01	11.2	44.066	28.35	9.24	7.66	3.3	1.68
466	3/2/2008 12:16	11.21	44.071	28.35	9.3	7.66	3.6	1.59
467	3/2/2008 12:31	11.31	44.053	28.34	9.22	7.67	3.5	1.52
468	3/2/2008 12:46	11.32	44.144	28.41	9.28	7.67	3.0	1.44
469	3/2/2008 13:01	11.25	44.085	28.37	9.14	7.66	3.1	1.36
470	3/2/2008 13:16	11.32	44.139	28.41	9.12	7.66	3.8	1.30
471	3/2/2008 13:31	11.31	44.084	28.37	9.06	7.66	3.0	1.25
472	3/2/2008 13:46	11.34	43.968	28.29	9.03	7.65	1.9	1.22
473	3/2/2008 14:01	11.39	44.028	28.33	8.99	7.65	1.6	1.17
474	3/2/2008 14:16	11.38	44.090	28.37	9.12	7.66	2.8	1.15
475	3/2/2008 14:31	11.35	44.062	28.35	9.24	7.67	3.9	1.17
476	3/2/2008 14:46	11.29	43.955	28.27	9.24	7.67	3.7	1.19
477	3/2/2008 15:01	11.31	44.022	28.32	9.25	7.67	3.8	1.22
478	3/2/2008 15:16	11.35	43.760	28.14	9.24	7.68	3.3	1.22
479	3/2/2008 15:31	11.24	43.893	28.23	9.19	7.66	3.0	1.27
480	3/2/2008 15:46	11.21	44.024	28.32	9.1	7.66	3.4	1.32
481	3/2/2008 16:01	11.23	44.005	28.31	9.17	7.66	3.5	1.36
482	3/2/2008 16:16	11.22	44.062	28.35	9.13	7.65	3.4	1.41
483	3/2/2008 16:31	11.27	44.012	28.31	9.18	7.66	3.4	1.45
484	3/2/2008 16:46	11.3	43.862	28.21	9.2	7.66	4.0	1.51
485	3/2/2008 17:01	11.28	43.839	28.19	9.12	7.66	3.8	1.56
486	3/2/2008 17:16	11.22	43.910	28.24	9.1	7.65	3.5	1.65
487	3/2/2008 17:31	11.13	44.014	28.31	9.06	7.64	3.5	1.70
488	3/2/2008 17:46	11.05	44.043	28.33	8.95	7.63	3.2	1.76
489	3/2/2008 18:01	10.85	44.297	28.5	8.85	7.62	3.5	1.85
490	3/2/2008 18:16	10.78	44.572	28.69	8.85	7.61	3.5	1.92
491	3/2/2008 18:31	10.76	44.665	28.76	8.87	7.62	3.7	1.98
492	3/2/2008 18:46	10.68	44.838	28.87	8.85	7.61	3.7	2.05
493	3/2/2008 19:01	10.72	44.704	28.78	8.87	7.62	4.9	2.12
494	3/2/2008 19:16	10.69	44.508	28.64	8.87	7.62	4.4	2.17

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	3/2/2008 19:31	10.61	44.910	28.92	8.86	7.62	4.0	2.23
496	3/2/2008 19:46	10.59	44.753	28.81	8.89	7.62	4.6	2.29
497	3/2/2008 20:01	10.55	45.105	29.06	8.87	7.62	4.7	2.36
498	3/2/2008 20:16	10.51	45.302	29.2	8.85	7.62	4.1	2.40
499	3/2/2008 20:31	10.5	45.409	29.27	8.82	7.61	4.3	2.43
500	3/2/2008 20:46	10.47	45.586	29.4	8.8	7.61	4.3	2.48
501	3/2/2008 21:01	10.43	45.800	29.55	8.77	7.61	3.6	2.52
502	3/2/2008 21:16	10.43	45.781	29.53	8.72	7.61	3.8	2.54
503	3/2/2008 21:31	10.42	45.781	29.53	8.71	7.61	3.5	2.55
504	3/2/2008 21:46	10.5	45.256	29.16	8.57	7.6	2.5	2.57
505	3/2/2008 22:01	10.43	45.826	29.57	8.37	7.58	1.7	2.58
506	3/2/2008 22:16	10.38	46.090	29.75	8.5	7.59	2.6	2.57
507	3/2/2008 22:31	10.37	46.135	29.78	8.52	7.59	3.5	2.55
508	3/2/2008 22:46	10.39	45.882	29.6	8.59	7.6	3.5	2.54
509	3/2/2008 23:01	10.39	45.439	29.29	8.58	7.6	3.0	2.51
510	3/2/2008 23:16	10.42	45.613	29.41	8.61	7.6	3.6	2.46
511	3/2/2008 23:31	10.41	45.460	29.3	8.61	7.61	2.7	2.42
512	3/2/2008 23:46	10.49	45.262	29.17	8.63	7.6	3.5	2.39
513	3/3/2008 00:01	10.55	45.076	29.04	8.59	7.6	2.5	2.34
514	3/3/2008 00:16	10.51	45.014	28.99	8.61	7.6	2.9	2.29
515	3/3/2008 00:31	10.45	44.762	28.81	8.61	7.6	3.2	2.26
516	3/3/2008 00:46	10.38	44.271	28.46	8.62	7.6	3.2	2.22
517	3/3/2008 01:01	10.35	44.038	28.29	8.6	7.59	3.2	2.18
518	3/3/2008 01:16	10.35	44.300	28.47	8.54	7.59	2.5	2.17
519	3/3/2008 01:31	10.39	44.284	28.47	8.43	7.59	1.4	2.15
520	3/3/2008 01:46	10.45	44.465	28.6	8.36	7.57	1.7	2.13
521	3/3/2008 02:01	10.29	44.319	28.49	8.61	7.6	3.7	2.13
522	3/3/2008 02:16	10.35	44.300	28.48	8.63	7.6	4.5	2.13
523	3/3/2008 02:31	10.37	44.401	28.55	8.65	7.6	4.6	2.13
524	3/3/2008 02:46	10.28	44.275	28.45	8.68	7.6	3.8	2.17
525	3/3/2008 03:01	10.29	43.096	27.62	8.67	7.6	4.4	2.19
526	3/3/2008 03:16	10.46	44.776	28.82	8.67	7.6	3.6	2.21
527	3/3/2008 03:31	10.43	44.767	28.81	8.69	7.6	3.8	2.25
528	3/3/2008 03:46	10.4	44.622	28.71	8.68	7.6	3.8	2.28
529	3/3/2008 04:01	10.38	45.037	29	8.64	7.6	3.6	2.33
530	3/3/2008 04:16	10.33	45.380	29.24	8.69	7.61	3.8	2.38
531	3/3/2008 04:31	10.35	45.453	29.3	8.69	7.61	3.7	2.42
532	3/3/2008 04:46	10.38	45.438	29.29	8.72	7.61	3.9	2.48
533	3/3/2008 05:01	10.36	45.694	29.47	8.74	7.61	3.7	2.53
534	3/3/2008 05:16	10.32	45.789	29.53	8.76	7.61	3.8	2.57
535	3/3/2008 05:31	10.32	45.521	29.34	8.79	7.61	3.8	2.63
536	3/3/2008 05:46	10.31	45.493	29.32	8.83	7.62	4.1	2.70
537	3/3/2008 06:01	10.25	46.216	29.84	8.87	7.62	4.0	2.74
538	3/3/2008 06:16	10.24	46.250	29.86	8.89	7.62	3.7	2.79
539	3/3/2008 06:31	10.21	46.639	30.14	8.9	7.62	3.7	2.85

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	3/3/2008 06:46	10.19	46.986	30.38	8.91	7.62	3.7	2.89
541	3/3/2008 07:01	10.17	47.363	30.65	8.92	7.62	3.5	2.93
542	3/3/2008 07:16	10.14	47.138	30.49	8.94	7.62	3.8	2.98
543	3/3/2008 07:31	10.13	47.423	30.69	8.97	7.63	3.8	3.00
544	3/3/2008 07:46	10.1	47.030	30.41	8.72	7.61	2.7	3.04
545	3/3/2008 08:01	10.09	46.973	30.37	8.67	7.61	3.1	3.06
546	3/3/2008 08:16	10.11	46.821	30.26	8.61	7.6	2.9	3.06
547	3/3/2008 08:31	10.13	47.424	30.69	8.8	7.62	3.0	3.04
548	3/3/2008 08:46	10.18	47.466	30.73	8.81	7.62	6.1	3.02
549	3/3/2008 09:01	10.15	45.912	29.61	8.78	7.61	3.9	2.99
550	3/3/2008 09:16	10.13	45.893	29.6	8.81	7.61	4.7	2.92
551	3/3/2008 09:31	10.16	45.636	29.42	8.91	7.62	4.6	2.87
552	3/3/2008 09:46	10.24	45.822	29.55	9.07	7.64	3.9	2.81
553	3/3/2008 10:01	10.26	46.221	29.84	8.95	7.63	4.0	2.72
554	3/3/2008 10:16	10.43	45.660	29.45	9.06	7.64	3.8	2.65
555	3/3/2008 10:31	10.46	45.881	29.61	9.01	7.64	3.0	2.58
556	3/3/2008 10:46	10.61	45.939	29.66	9.08	7.65	3.9	2.48
557	3/3/2008 11:01	10.67	45.924	29.65	9.16	7.65	4.6	2.38
558	3/3/2008 11:16	10.71	45.714	29.5	9.15	7.65	3.6	2.30
559	3/3/2008 11:31	10.71	45.278	29.19	9.09	7.65	4.8	2.19
560	3/3/2008 11:46	10.96	45.148	29.11	9.26	7.67	4.2	2.10
561	3/3/2008 12:01	11.15	44.766	28.85	9.47	7.69	4.9	1.98
562	3/3/2008 12:16	11.21	44.869	28.92	9.4	7.69	4.1	1.87
563	3/3/2008 12:31	11.41	44.746	28.84	9.79	7.72	3.9	1.77
564	3/3/2008 12:46	11.47	44.773	28.87	9.79	7.73	4.4	1.65
565	3/3/2008 13:01	11.33	44.559	28.71	9.53	7.71	4.2	1.54
566	3/3/2008 13:16	11.33	44.428	28.61	9.44	7.7	4.2	1.45
567	3/3/2008 13:31	11.5	44.368	28.58	9.57	7.72	4.3	1.34
568	3/3/2008 13:46	11.32	44.213	28.46	9.36	7.7	3.5	1.26
569	3/3/2008 14:01	11.45	44.114	28.4	9.4	7.71	3.5	1.19
570	3/3/2008 14:16	11.5	43.938	28.27	9.39	7.71	3.0	1.12
571	3/3/2008 14:31	11.52	44.021	28.33	9.31	7.71	2.4	1.08
572	3/3/2008 14:46	11.59	43.970	28.3	9.1	7.69	1.0	1.06
573	3/3/2008 15:01	11.64	44.039	28.35	9.34	7.73	3.8	1.02
574	3/3/2008 15:16	11.62	43.993	28.32	9.55	7.73	4.3	1.05
575	3/3/2008 15:31	11.52	44.113	28.4	9.47	7.72	3.6	1.06
576	3/3/2008 15:46	11.47	44.094	28.38	9.43	7.71	4.1	1.09
577	3/3/2008 16:01	11.41	44.140	28.41	9.34	7.7	3.6	1.14
578	3/3/2008 16:16	11.37	44.088	28.37	9.33	7.7	3.7	1.17
579	3/3/2008 16:31	11.35	44.024	28.33	9.3	7.7	4.1	1.22
580	3/3/2008 16:46	11.37	43.562	28	9.3	7.7	5.0	1.27
581	3/3/2008 17:01	11.32	43.817	28.18	9.25	7.69	4.1	1.34
582	3/3/2008 17:16	11.27	43.885	28.22	9.21	7.69	3.9	1.38
583	3/3/2008 17:31	11.24	43.889	28.23	9.21	7.68	3.9	1.46
584	3/3/2008 17:46	11.23	43.872	28.21	9.2	7.68	4.3	1.53

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	3/3/2008 18:01	11.2	44.077	28.36	9.16	7.67	3.7	1.60
586	3/3/2008 18:16	11.13	43.848	28.19	9.12	7.67	3.7	1.69
587	3/3/2008 18:31	11.05	44.128	28.39	9.06	7.66	4.1	1.76
588	3/3/2008 18:46	10.96	44.431	28.6	9.01	7.65	4.2	1.84
589	3/3/2008 19:01	10.9	44.598	28.71	8.99	7.65	4.2	1.93
590	3/3/2008 19:16	10.84	44.666	28.76	9	7.65	4.1	2.01
591	3/3/2008 19:31	10.77	44.877	28.91	8.97	7.64	4.3	2.09
592	3/3/2008 19:46	10.73	45.101	29.07	8.96	7.64	4.1	2.17
593	3/3/2008 20:01	10.66	45.361	29.25	8.93	7.63	4.3	2.24
594	3/3/2008 20:16	10.61	44.190	28.41	8.95	7.63	4.4	2.31
595	3/3/2008 20:31	10.64	45.103	29.06	8.92	7.64	4.1	2.37
596	3/3/2008 20:46	10.57	44.718	28.78	8.94	7.63	4.4	2.43
597	3/3/2008 21:01	10.54	45.931	29.65	8.9	7.63	4.7	2.47
598	3/3/2008 21:16	10.52	45.923	29.64	8.89	7.63	3.9	2.52
599	3/3/2008 21:31	10.49	46.040	29.72	8.88	7.63	3.9	2.58
600	3/3/2008 21:46	10.49	46.071	29.75	8.86	7.63	3.8	2.60
601	3/3/2008 22:01	10.47	46.257	29.88	8.84	7.63	3.6	2.64
602	3/3/2008 22:16	10.43	46.295	29.9	8.83	7.62	3.8	2.66
603	3/3/2008 22:31	10.48	46.225	29.86	8.68	7.62	2.6	2.65
604	3/3/2008 22:46	10.46	46.365	29.95	8.78	7.62	3.0	2.65
605	3/3/2008 23:01	10.46	45.189	29.11	8.72	7.62	2.9	2.64
606	3/3/2008 23:16	10.5	46.096	29.76	8.72	7.62	3.0	2.61
607	3/3/2008 23:31	10.5	44.641	28.72	8.72	7.62	3.2	2.57
608	3/3/2008 23:46	10.54	45.865	29.6	8.73	7.62	3.8	2.52
609	3/4/2008 00:01	10.52	45.585	29.4	8.7	7.62	3.7	2.47
610	3/4/2008 00:16	10.49	45.669	29.46	8.69	7.62	4.4	2.41
611	3/4/2008 00:31	10.51	45.608	29.42	8.7	7.62	4.6	2.35
612	3/4/2008 00:46	10.52	45.479	29.32	8.75	7.62	4.3	2.30
613	3/4/2008 01:01	10.49	45.490	29.33	8.74	7.62	3.6	2.25
614	3/4/2008 01:16	10.54	45.246	29.16	8.74	7.62	4.2	2.20
615	3/4/2008 01:31	10.5	45.243	29.15	8.78	7.63	4.6	2.14
616	3/4/2008 01:46	10.59	44.928	28.93	8.79	7.63	3.9	2.10
617	3/4/2008 02:01	10.66	44.528	28.65	8.75	7.63	2.8	2.08
618	3/4/2008 02:16	10.63	44.698	28.77	8.75	7.63	3.7	2.03
619	3/4/2008 02:31	10.56	44.779	28.83	8.63	7.62	2.2	2.02
620	3/4/2008 02:46	10.57	44.782	28.83	8.46	7.6	1.1	2.01
621	3/4/2008 03:01	10.59	44.742	28.8	8.65	7.63	2.9	1.98
622	3/4/2008 03:16	10.59	44.817	28.86	8.74	7.62	3.6	2.00
623	3/4/2008 03:31	10.61	44.606	28.71	8.76	7.63	3.5	2.01
624	3/4/2008 03:46	10.67	44.490	28.63	8.78	7.63	3.2	2.04
625	3/4/2008 04:01	10.61	44.972	28.97	8.75	7.62	3.4	2.08
626	3/4/2008 04:16	10.58	44.916	28.93	8.71	7.62	3.9	2.12
627	3/4/2008 04:31	10.57	44.985	28.97	8.74	7.62	3.8	2.17
628	3/4/2008 04:46	10.56	44.802	28.84	8.76	7.62	3.6	2.22
629	3/4/2008 05:01	10.54	45.209	29.13	8.75	7.62	4.1	2.28

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
630	3/4/2008 05:16	10.52	45.355	29.24	8.78	7.62	3.8	2.33
631	3/4/2008 05:31	10.47	45.746	29.51	8.79	7.62	3.8	2.40
632	3/4/2008 05:46	10.47	45.801	29.55	8.79	7.62	3.9	2.44
633	3/4/2008 06:01	10.43	45.807	29.55	8.79	7.62	3.6	2.51
634	3/4/2008 06:16	10.43	45.780	29.53	8.84	7.63	3.6	2.58
635	3/4/2008 06:31	10.35	45.848	29.58	8.86	7.63	3.6	2.63
636	3/4/2008 06:46	10.28	44.977	28.95	8.94	7.63	3.6	2.70
637	3/4/2008 07:01	10.28	46.126	29.77	8.95	7.64	5.3	2.77
638	3/4/2008 07:16	10.24	46.421	29.98	8.93	7.63	3.8	2.83
639	3/4/2008 07:31	10.18	46.426	29.98	8.96	7.63	3.8	2.89
640	3/4/2008 07:46	10.14	45.831	29.55	8.93	7.63	3.6	2.95
641	3/4/2008 08:01	10.08	47.620	30.83	8.84	7.63	3.7	3.00
642	3/4/2008 08:16	10.06	46.880	30.3	8.88	7.63	3.7	3.05
643	3/4/2008 08:31	10.02	48.282	31.3	8.82	7.62	4.1	3.09
644	3/4/2008 08:46	10.02	47.979	31.09	8.8	7.62	3.8	3.12
645	3/4/2008 09:01	10.01	48.272	31.3	8.73	7.62	2.9	3.14
646	3/4/2008 09:16	10.01	48.398	31.39	8.48	7.6	3.2	3.14
647	3/4/2008 09:31	10.01	48.581	31.52	8.64	7.61	3.8	3.12
648	3/4/2008 09:46	10.01	47.413	30.68	8.78	7.62	4.1	3.10
649	3/4/2008 10:01	10.21	47.610	30.83	8.89	7.63	3.6	3.05
650	3/4/2008 10:16	10.38	46.985	30.39	8.91	7.64	3.6	2.99
651	3/4/2008 10:31	10.58	46.592	30.12	9.01	7.65	4.6	2.90
652	3/4/2008 10:46	10.55	46.703	30.2	9.04	7.65	4.7	2.81
653	3/4/2008 11:01	10.66	46.524	30.08	9.2	7.67	4.1	2.73
654	3/4/2008 11:16	10.79	46.507	30.07	9.21	7.67	3.0	2.63
655	3/4/2008 11:31	10.86	46.563	30.12	9.27	7.68	3.2	2.55
656	3/4/2008 11:46	10.94	45.313	29.23	9.39	7.68	4.0	2.44
657	3/4/2008 12:01	10.97	45.937	29.67	9.28	7.68	4.5	2.34
658	3/4/2008 12:16	11.04	45.801	29.58	9.22	7.68	4.7	2.25
659	3/4/2008 12:31	11.25	45.705	29.52	9.31	7.69	3.8	2.14
660	3/4/2008 12:46	11.27	45.245	29.19	9.39	7.7	4.4	2.03
661	3/4/2008 13:01	11.52	44.320	28.54	9.61	7.72	3.5	1.90
662	3/4/2008 13:16	11.57	44.042	28.35	9.58	7.72	4.3	1.78
663	3/4/2008 13:31	11.74	44.888	28.96	9.74	7.74	3.9	1.65
664	3/4/2008 13:46	11.76	44.728	28.85	9.61	7.74	4.1	1.53
665	3/4/2008 14:01	11.89	44.532	28.71	9.68	7.76	3.8	1.40
666	3/4/2008 14:16	11.95	44.408	28.63	9.67	7.76	3.9	1.29
667	3/4/2008 14:31	12	44.364	28.6	9.67	7.76	3.3	1.19
668	3/4/2008 14:46	12.03	44.162	28.45	9.69	7.77	3.3	1.08
669	3/4/2008 15:01	12.1	44.089	28.4	9.62	7.77	2.5	1.02
670	3/4/2008 15:16	12.16	44.042	28.37	9.51	7.76	1.9	0.96
671	3/4/2008 15:31	12.31	43.946	28.31	9.14	7.77	1.7	0.93
672	3/4/2008 15:46	12.19	44.110	28.42	9.71	7.77	3.2	0.91
673	3/4/2008 16:01	12.15	44.173	28.47	9.74	7.77	3.3	0.92
674	3/4/2008 16:16	12.05	44.170	28.46	9.68	7.76	3.6	0.97

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	3/4/2008 16:31	11.99	44.235	28.5	9.64	7.76	3.5	0.99
676	3/4/2008 16:46	11.96	44.223	28.49	9.63	7.75	3.8	1.05
677	3/4/2008 17:01	11.94	44.240	28.5	9.6	7.75	3.5	1.10
678	3/4/2008 17:16	11.9	44.320	28.56	9.57	7.74	3.4	1.17
679	3/4/2008 17:31	11.84	44.336	28.57	9.53	7.74	3.3	1.23
680	3/4/2008 17:46	11.84	43.941	28.29	9.46	7.73	3.7	1.28
681	3/4/2008 18:01	11.8	43.910	28.26	9.42	7.72	4.1	1.36
682	3/4/2008 18:16	11.78	44.045	28.36	9.41	7.72	3.9	1.44
683	3/4/2008 18:31	11.75	44.039	28.35	9.41	7.72	3.9	1.52
684	3/4/2008 18:46	11.71	44.131	28.42	9.38	7.71	3.6	1.61
685	3/4/2008 19:01	11.61	44.366	28.58	9.29	7.7	3.8	1.69
686	3/4/2008 19:16	11.46	44.681	28.8	9.21	7.68	4.6	1.78
687	3/4/2008 19:31	11.32	44.819	28.89	9.14	7.67	4.9	1.88
688	3/4/2008 19:46	11.25	44.800	28.88	9.15	7.67	5.0	1.97
689	3/4/2008 20:01	11.15	45.021	29.03	9.12	7.67	4.6	2.06
690	3/4/2008 20:16	11.05	45.273	29.2	9.11	7.66	4.5	2.14
691	3/4/2008 20:31	10.95	45.821	29.59	9.07	7.65	5.0	2.23
692	3/4/2008 20:46	10.9	45.776	29.56	9.05	7.65	4.9	2.30
693	3/4/2008 21:01	10.87	45.884	29.63	9.05	7.65	5.3	2.37
694	3/4/2008 21:16	10.82	46.100	29.78	9.05	7.65	6.5	2.44
695	3/4/2008 21:31	10.76	46.180	29.84	9.02	7.65	6.1	2.50
696	3/4/2008 21:46	10.69	46.502	30.06	9	7.64	7.2	2.56
697	3/4/2008 22:01	10.62	46.803	30.28	8.99	7.64	7.6	2.61
698	3/4/2008 22:16	10.55	47.006	30.42	9	7.64	6.5	2.66
699	3/4/2008 22:31	10.51	47.332	30.65	8.98	7.64	5.2	2.70
700	3/4/2008 22:46	10.49	47.448	30.73	8.96	7.64	4.9	2.72
701	3/4/2008 23:01	10.51	47.328	30.65	8.89	7.63	3.8	2.74
702	3/4/2008 23:16	10.49	47.729	30.93	8.83	7.63	4.9	2.73
703	3/4/2008 23:31	10.51	46.408	29.99	8.8	7.64	4.9	2.72
704	3/4/2008 23:46	10.5	47.131	30.5	8.88	7.64	4.6	2.67
705	3/5/2008 00:01	10.49	46.396	29.98	8.87	7.64	3.6	2.63
706	3/5/2008 00:16	10.44	44.856	28.88	8.9	7.64	4.1	2.58
707	3/5/2008 00:31	10.6	46.274	29.9	8.84	7.64	4.0	2.52
708	3/5/2008 00:46	10.65	45.864	29.61	8.85	7.64	5.4	2.44
709	3/5/2008 01:01	10.66	45.713	29.5	8.85	7.64	4.3	2.37
710	3/5/2008 01:16	10.59	45.552	29.38	8.78	7.64	4.2	2.31
711	3/5/2008 01:31	10.55	45.410	29.28	8.84	7.64	4.9	2.23
712	3/5/2008 01:46	10.49	45.207	29.13	8.85	7.64	4.5	2.15
713	3/5/2008 02:01	10.66	45.063	29.03	8.83	7.64	4.0	2.09
714	3/5/2008 02:16	10.6	44.883	28.9	8.78	7.64	3.9	2.03
715	3/5/2008 02:31	10.58	44.792	28.84	8.78	7.64	3.9	1.97
716	3/5/2008 02:46	10.63	44.713	28.78	8.72	7.64	3.0	1.91
717	3/5/2008 03:01	10.69	44.494	28.63	8.74	7.65	3.0	1.86
718	3/5/2008 03:16	10.68	44.439	28.59	8.7	7.65	2.9	1.84
719	3/5/2008 03:31	10.74	43.380	27.84	8.62	7.64	1.9	1.81

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	3/5/2008 03:46	10.63	44.757	28.81	8.6	7.64	3.2	1.80
721	3/5/2008 04:01	10.61	44.547	28.66	8.77	7.65	3.6	1.81
722	3/5/2008 04:16	10.6	44.586	28.69	8.79	7.65	3.5	1.82
723	3/5/2008 04:31	10.6	44.581	28.69	8.79	7.65	3.5	1.86
724	3/5/2008 04:46	10.55	44.816	28.85	8.75	7.63	3.8	1.90
725	3/5/2008 05:01	10.61	45.095	29.05	8.8	7.64	4.5	1.95
726	3/5/2008 05:16	10.51	44.577	28.68	8.83	7.64	3.9	2.01
727	3/5/2008 05:31	10.53	44.918	28.92	8.8	7.64	4.1	2.08
728	3/5/2008 05:46	10.54	45.307	29.2	8.79	7.64	4.6	2.14
729	3/5/2008 06:01	10.44	45.519	29.35	8.81	7.64	4.4	2.21
730	3/5/2008 06:16	10.42	45.729	29.5	8.84	7.64	4.6	2.29
731	3/5/2008 06:31	10.39	45.972	29.67	8.85	7.64	4.4	2.35
732	3/5/2008 06:46	10.3	46.045	29.72	8.89	7.64	4.4	2.42
733	3/5/2008 07:01	10.29	46.481	30.03	8.93	7.64	4.9	2.49
734	3/5/2008 07:16	10.3	46.663	30.16	8.94	7.64	4.7	2.56
735	3/5/2008 07:31	10.25	47.058	30.44	8.93	7.64	4.4	2.64
736	3/5/2008 07:46	10.26	47.813	30.98	8.88	7.63	6.0	2.71
737	3/5/2008 08:01	10.24	48.054	31.15	8.89	7.63	6.7	2.78
738	3/5/2008 08:16	10.2	47.972	31.09	8.91	7.63	5.7	2.86
739	3/5/2008 08:31	10.15	48.251	31.29	8.89	7.63	6.6	2.92
740	3/5/2008 08:46	10.07	48.393	31.39	8.9	7.63	6.7	3.00
741	3/5/2008 09:01	10.02	48.622	31.55	8.91	7.63	6.0	3.06
742	3/5/2008 09:16	9.95	48.709	31.61	8.89	7.63	6.1	3.11
743	3/5/2008 09:31	9.9	48.762	31.64	8.88	7.62	5.2	3.16
744	3/5/2008 09:46	9.88	48.977	31.79	8.87	7.62	6.0	3.19
745	3/5/2008 10:01	9.97	48.813	31.68	8.85	7.62	4.9	3.18
746	3/5/2008 10:16	9.84	49.020	31.82	8.8	7.62	5.5	3.19
747	3/5/2008 10:31	9.99	48.697	31.6	9	7.63	6.6	3.16
748	3/5/2008 10:46	10.18	48.196	31.25	9.02	7.64	5.5	3.10
749	3/5/2008 11:01	10.37	47.790	30.97	9.07	7.65	5.5	3.05
750	3/5/2008 11:16	10.39	47.812	30.99	9.08	7.65	4.9	2.97
751	3/5/2008 11:31	10.43	47.787	30.97	9.11	7.65	9.0	2.88
752	3/5/2008 11:46	10.45	47.777	30.97	9.05	7.65	4.7	2.79
753	3/5/2008 12:01	10.86	47.199	30.57	9.33	7.68	4.3	2.69
754	3/5/2008 12:16	10.96	46.899	30.36	9.28	7.68	6.5	2.57
755	3/5/2008 12:31	10.95	46.965	30.41	9.32	7.68	4.3	2.46
756	3/5/2008 12:46	11.08	47.004	30.45	9.43	7.69	4.3	2.37
757	3/5/2008 13:01	11.23	46.473	30.07	9.44	7.7	4.6	2.24
758	3/5/2008 13:16	11.37	46.335	29.98	9.56	7.71	3.8	2.13
759	3/5/2008 13:31	11.56	46.176	29.87	9.66	7.72	4.1	2.01
760	3/5/2008 13:46	11.69	45.815	29.62	9.75	7.73	4.4	1.88
761	3/5/2008 14:01	11.84	45.603	29.48	9.84	7.75	4.8	1.74
762	3/5/2008 14:16	11.99	45.510	29.41	9.82	7.76	5.1	1.61
763	3/5/2008 14:31	12.24	45.556	29.46	10.07	7.79	4.5	1.48
764	3/5/2008 14:46	12.04	45.157	29.16	9.9	7.78	4.3	1.35

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	3/5/2008 15:01	11.86	44.810	28.91	9.73	7.76	4.3	1.21
766	3/5/2008 15:16	11.97	44.718	28.85	9.73	7.77	4.8	1.10
767	3/5/2008 15:31	12.05	44.700	28.84	9.7	7.77	3.2	1.00
768	3/5/2008 15:46	12.13	44.601	28.77	9.69	7.77	3.0	0.92
769	3/5/2008 16:01	12.23	44.426	28.65	9.54	7.77	2.9	0.86
770	3/5/2008 16:16	12.26	44.452	28.67	9.35	7.75	1.9	0.83
771	3/5/2008 16:31	12.22	44.531	28.72	9.73	7.78	4.4	0.83
772	3/5/2008 16:46	12.11	44.425	28.64	9.73	7.77	3.5	0.85
773	3/5/2008 17:01	12.07	44.649	28.8	9.72	7.77	4.0	0.93
774	3/5/2008 17:16	12	44.691	28.83	9.69	7.76	4.6	0.98
775	3/5/2008 17:31	11.97	44.724	28.85	9.66	7.76	4.1	1.05
776	3/5/2008 17:46	11.89	43.898	28.26	9.58	7.75	5.8	1.14
777	3/5/2008 18:01	11.77	43.255	27.8	9.48	7.75	5.8	1.22
778	3/5/2008 18:16	11.82	43.651	28.08	9.47	7.75	5.4	1.29
779	3/5/2008 18:31	11.78	43.833	28.21	9.46	7.74	5.4	1.37
780	3/5/2008 18:46	11.77	43.591	28.04	9.45	7.74	5.2	1.44
781	3/5/2008 19:01	11.74	44.301	28.54	9.41	7.73	4.4	1.53
782	3/5/2008 19:16	11.63	44.375	28.59	9.34	7.72	5.4	1.62
783	3/5/2008 19:31	11.54	44.345	28.56	9.32	7.71	5.4	1.72
784	3/5/2008 19:46	11.5	44.125	28.41	9.3	7.71	5.7	1.82
785	3/5/2008 20:01	11.25	44.449	28.62	9.23	7.68	5.3	1.91
786	3/5/2008 20:16	11.21	45.605	29.45	9.19	7.68	5.2	2.02
787	3/5/2008 20:31	11.16	44.686	28.79	9.26	7.68	6.3	2.12
788	3/5/2008 20:46	11.12	46.015	29.74	9.2	7.68	6.1	2.20
789	3/5/2008 21:01	11.02	46.111	29.8	9.18	7.67	7.1	2.30
790	3/5/2008 21:16	10.97	46.228	29.88	9.15	7.67	8.2	2.38
791	3/5/2008 21:31	10.89	45.371	29.27	9.18	7.66	9.8	2.47
792	3/5/2008 21:46	10.84	46.841	30.32	9.13	7.66	8.8	2.54
793	3/5/2008 22:01	10.77	46.962	30.4	9.12	7.66	8.8	2.60
794	3/5/2008 22:16	10.66	47.377	30.69	9.07	7.65	9.0	2.68
795	3/5/2008 22:31	10.54	47.873	31.04	9.01	7.65	11.0	2.73
796	3/5/2008 22:46	10.48	48.210	31.28	8.95	7.64	9.3	2.79
797	3/5/2008 23:01	10.42	48.426	31.43	8.91	7.64	7.6	2.83
798	3/5/2008 23:16	10.4	48.389	31.4	8.87	7.64	5.5	2.86
799	3/5/2008 23:31	10.54	47.924	31.08	8.88	7.64	5.4	2.89
800	3/5/2008 23:46	10.42	48.459	31.46	8.75	7.63	5.2	2.89
801	3/6/2008 00:01	10.37	48.669	31.6	8.79	7.63	8.0	2.84
802	3/6/2008 00:16	10.58	46.711	30.21	8.86	7.65	5.6	2.81
803	3/6/2008 00:31	10.56	46.922	30.36	8.85	7.65	4.6	2.76
804	3/6/2008 00:46	10.63	46.957	30.39	8.91	7.65	5.8	2.67
805	3/6/2008 01:01	10.69	46.993	30.42	8.91	7.65	8.6	2.59
806	3/6/2008 01:16	10.74	46.713	30.22	8.88	7.65	6.3	2.51
807	3/6/2008 01:31	10.72	46.655	30.18	8.9	7.65	6.8	2.43
808	3/6/2008 01:46	10.72	46.779	30.26	8.88	7.65	4.9	2.33
809	3/6/2008 02:01	10.73	46.504	30.07	8.9	7.65	5.1	2.24

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	3/6/2008 02:16	10.82	45.971	29.69	8.93	7.66	6.1	2.16
811	3/6/2008 02:31	10.91	45.624	29.45	8.92	7.66	5.7	2.08
812	3/6/2008 02:46	10.91	45.371	29.27	8.91	7.66	5.6	1.99
813	3/6/2008 03:01	10.83	45.415	29.29	8.82	7.66	4.6	1.91
814	3/6/2008 03:16	10.9	45.289	29.21	8.83	7.66	4.1	1.84
815	3/6/2008 03:31	10.9	45.054	29.04	8.79	7.66	3.6	1.76
816	3/6/2008 03:46	10.94	44.943	28.96	8.74	7.66	2.9	1.70
817	3/6/2008 04:01	10.94	44.804	28.86	8.72	7.66	2.4	1.66
818	3/6/2008 04:16	10.96	44.638	28.75	8.65	7.66	2.1	1.63
819	3/6/2008 04:31	10.93	44.699	28.79	8.72	7.67	3.4	1.62
820	3/6/2008 04:46	10.94	44.955	28.97	8.75	7.66	3.3	1.63
821	3/6/2008 05:01	10.93	44.946	28.96	8.76	7.66	3.6	1.66
822	3/6/2008 05:16	10.93	45.023	29.02	8.79	7.66	3.9	1.69
823	3/6/2008 05:31	10.9	44.919	28.94	8.78	7.66	3.8	1.75
824	3/6/2008 05:46	10.91	45.140	29.1	8.83	7.66	4.3	1.81
825	3/6/2008 06:01	10.85	44.882	28.91	8.81	7.66	4.2	1.89
826	3/6/2008 06:16	10.87	45.034	29.02	8.82	7.66	4.1	1.97
827	3/6/2008 06:31	10.88	45.390	29.28	8.86	7.66	4.3	2.04
828	3/6/2008 06:46	10.79	45.653	29.46	8.86	7.65	4.5	2.12
829	3/6/2008 07:01	10.69	45.808	29.57	8.85	7.65	4.3	2.21
830	3/6/2008 07:16	10.72	46.470	30.04	8.9	7.65	5.3	2.28
831	3/6/2008 07:31	10.67	46.623	30.15	8.95	7.65	5.4	2.36
832	3/6/2008 07:46	10.62	46.825	30.29	8.95	7.65	5.5	2.44
833	3/6/2008 08:01	10.6	45.926	29.65	9	7.65	5.4	2.53
834	3/6/2008 08:16	10.56	47.227	30.58	8.91	7.65	5.9	2.60
835	3/6/2008 08:31	10.49	47.588	30.83	8.89	7.64	6.5	2.69
836	3/6/2008 08:46	10.43	47.804	30.98	8.88	7.64	8.0	2.77
837	3/6/2008 09:01	10.38	47.928	31.07	8.86	7.64	7.8	2.86
838	3/6/2008 09:16	10.29	48.162	31.23	8.86	7.64	8.2	2.94
839	3/6/2008 09:31	10.19	48.440	31.43	8.84	7.64	9.3	3.01
840	3/6/2008 09:46	10.12	48.697	31.61	8.81	7.64	8.5	3.10
841	3/6/2008 10:01	10.06	48.932	31.77	8.77	7.63	8.0	3.15
842	3/6/2008 10:16	10.01	49.182	31.95	8.69	7.62	7.9	3.20
843	3/6/2008 10:31	9.96	49.382	32.09	8.67	7.62	6.6	3.23
844	3/6/2008 10:46	9.95	49.418	32.12	8.62	7.62	5.0	3.26
845	3/6/2008 11:01	10	49.236	31.99	8.62	7.62	5.7	3.26
846	3/6/2008 11:16	9.91	49.552	32.21	8.59	7.61	5.9	3.26
847	3/6/2008 11:31	10.21	48.870	31.74	8.7	7.65	4.9	3.21
848	3/6/2008 11:46	10.29	48.644	31.58	8.96	7.66	5.7	3.16
849	3/6/2008 12:01	10.42	48.319	31.35	9.07	7.67	5.6	3.08
850	3/6/2008 12:16	10.54	48.097	31.2	9.22	7.68	5.7	2.98
851	3/6/2008 12:31	10.61	47.820	31.01	9.09	7.68	7.6	2.87
852	3/6/2008 12:46	10.65	47.797	30.99	9.15	7.68	6.3	2.76
853	3/6/2008 13:01	10.68	47.824	31.01	9.25	7.69	4.7	2.64
854	3/6/2008 13:16	10.82	47.471	30.77	9.26	7.7	8.7	2.50

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	3/6/2008 13:31	10.93	46.935	30.39	9.31	7.7	5.5	2.39
856	3/6/2008 13:46	11.02	46.761	30.27	9.32	7.71	5.3	2.27
857	3/6/2008 14:01	11.12	46.622	30.17	9.42	7.72	5.4	2.13
858	3/6/2008 14:16	11.2	46.125	29.82	9.52	7.73	5.6	2.00
859	3/6/2008 14:31	11.38	46.158	29.85	9.6	7.75	5.8	1.85
860	3/6/2008 14:46	11.57	44.927	28.98	9.85	7.76	5.0	1.73
861	3/6/2008 15:01	11.68	45.919	29.7	9.78	7.78	5.0	1.59
862	3/6/2008 15:16	11.81	45.627	29.49	9.83	7.79	5.2	1.43
863	3/6/2008 15:31	11.75	44.420	28.63	9.72	7.78	4.7	1.31
864	3/6/2008 15:46	11.74	45.285	29.24	9.64	7.78	4.6	1.17
865	3/6/2008 16:01	11.8	45.128	29.13	9.62	7.78	4.6	1.06
866	3/6/2008 16:16	11.86	44.937	29	9.6	7.78	4.3	0.96
867	3/6/2008 16:31	11.88	44.980	29.03	9.49	7.77	3.5	0.88
868	3/6/2008 16:46	11.93	44.792	28.9	9.33	7.77	1.6	0.83
869	3/6/2008 17:01	11.95	44.936	29	9.47	7.78	4.4	0.84
870	3/6/2008 17:16	11.88	44.848	28.94	9.61	7.78	3.7	0.86
871	3/6/2008 17:31	11.82	44.997	29.04	9.62	7.78	4.1	0.92
872	3/6/2008 17:46	11.78	45.002	29.04	9.58	7.77	4.1	0.98
873	3/6/2008 18:01	11.74	44.916	28.98	9.55	7.77	4.1	1.06
874	3/6/2008 18:16	11.71	44.990	29.03	9.55	7.77	4.2	1.15
875	3/6/2008 18:31	11.68	44.659	28.79	9.47	7.76	4.7	1.22
876	3/6/2008 18:46	11.56	43.759	28.15	9.46	7.75	5.5	1.31
877	3/6/2008 19:01	11.59	42.907	27.54	9.47	7.74	5.1	1.38
878	3/6/2008 19:16	11.58	44.162	28.44	9.44	7.75	4.9	1.46
879	3/6/2008 19:31	11.57	43.940	28.28	9.44	7.74	5.3	1.57
880	3/6/2008 19:46	11.51	43.796	28.17	9.38	7.73	5.7	1.65
881	3/6/2008 20:01	11.41	43.962	28.29	9.35	7.72	5.5	1.75
882	3/6/2008 20:16	11.28	44.511	28.67	9.26	7.7	5.2	1.86
883	3/6/2008 20:31	11.22	45.703	29.52	9.21	7.7	5.8	1.97
884	3/6/2008 20:46	11.17	45.592	29.44	9.26	7.7	5.9	2.08
885	3/6/2008 21:01	11.12	45.864	29.63	9.27	7.7	7.0	2.19
886	3/6/2008 21:16	11.02	45.398	29.29	9.24	7.69	8.0	2.29
887	3/6/2008 21:31	10.95	46.517	30.09	9.15	7.68	9.0	2.38
888	3/6/2008 21:46	10.85	45.774	29.55	9.15	7.67	10.5	2.47
889	3/6/2008 22:01	10.75	47.025	30.44	9.1	7.67	11.0	2.55
890	3/6/2008 22:16	10.71	47.308	30.64	9.06	7.67	10.5	2.64
891	3/6/2008 22:31	10.59	47.766	30.97	9	7.66	10.9	2.71
892	3/6/2008 22:46	10.46	47.239	30.58	8.97	7.65	10.5	2.79
893	3/6/2008 23:01	10.41	48.478	31.47	8.9	7.64	9.7	2.85
894	3/6/2008 23:16	10.37	48.775	31.68	8.86	7.64	10.2	2.92
895	3/6/2008 23:31	10.31	48.945	31.8	8.8	7.63	7.7	2.97
896	3/6/2008 23:46	10.3	49.008	31.84	8.76	7.63	6.1	3.01
897	3/7/2008 00:01	10.27	49.001	31.84	8.68	7.63	5.0	3.02
898	3/7/2008 00:16	10.28	49.010	31.84	8.65	7.62	6.5	3.00
899	3/7/2008 00:31	10.24	49.224	32	8.64	7.62	7.7	2.98

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
900	3/7/2008 00:46	10.45	47.482	30.75	8.8	7.64	5.6	2.95
901	3/7/2008 01:01	10.46	47.321	30.64	8.89	7.65	7.0	2.86
902	3/7/2008 01:16	10.47	47.214	30.56	8.9	7.65	5.7	2.78
903	3/7/2008 01:31	10.64	47.073	30.47	8.89	7.66	8.5	2.69
904	3/7/2008 01:46	10.62	47.063	30.46	8.83	7.65	5.8	2.58
905	3/7/2008 02:01	10.61	47.246	30.59	8.83	7.65	6.1	2.48
906	3/7/2008 02:16	10.57	46.032	29.72	8.9	7.65	5.5	2.38
907	3/7/2008 02:31	10.69	45.470	29.33	8.92	7.66	6.7	2.28
908	3/7/2008 02:46	10.71	46.415	30	8.92	7.67	5.0	2.19
909	3/7/2008 03:01	10.73	46.110	29.79	8.92	7.67	5.0	2.08
910	3/7/2008 03:16	10.75	45.829	29.59	8.91	7.67	5.7	1.96
911	3/7/2008 03:31	10.76	45.743	29.53	8.85	7.68	5.4	1.88
912	3/7/2008 03:46	10.74	45.693	29.49	8.83	7.67	4.6	1.78
913	3/7/2008 04:01	10.8	45.432	29.31	8.85	7.68	4.4	1.68
914	3/7/2008 04:16	10.82	45.492	29.35	8.86	7.68	4.4	1.59
915	3/7/2008 04:31	10.83	45.421	29.3	8.87	7.69	4.0	1.52
916	3/7/2008 04:46	10.88	45.231	29.17	8.86	7.69	3.5	1.46
917	3/7/2008 05:01	10.92	45.147	29.11	8.8	7.69	2.4	1.42
918	3/7/2008 05:16	10.91	45.138	29.1	8.73	7.68	2.1	1.39
919	3/7/2008 05:31	10.9	45.146	29.11	8.86	7.69	3.5	1.41
920	3/7/2008 05:46	10.87	45.203	29.14	8.91	7.7	3.8	1.45
921	3/7/2008 06:01	10.89	45.240	29.17	8.94	7.69	3.9	1.49
922	3/7/2008 06:16	10.85	45.267	29.19	8.95	7.69	3.9	1.57
923	3/7/2008 06:31	10.66	44.817	28.86	8.89	7.68	6.0	1.65
924	3/7/2008 06:46	10.65	44.816	28.86	8.88	7.68	5.6	1.74
925	3/7/2008 07:01	10.65	44.925	28.94	8.87	7.68	5.4	1.81
926	3/7/2008 07:16	10.75	45.274	29.19	8.88	7.68	5.0	1.91
927	3/7/2008 07:31	10.73	45.623	29.44	8.87	7.68	4.9	2.02
928	3/7/2008 07:46	10.69	46.132	29.8	8.87	7.67	4.6	2.09
929	3/7/2008 08:01	10.69	46.468	30.04	8.92	7.67	5.3	2.18
930	3/7/2008 08:16	10.68	45.682	29.48	9	7.67	5.0	2.26
931	3/7/2008 08:31	10.66	45.885	29.62	9	7.67	5.4	2.37
932	3/7/2008 08:46	10.63	45.940	29.66	9	7.67	6.4	2.44
933	3/7/2008 09:01	10.55	47.303	30.63	8.92	7.66	6.5	2.52
934	3/7/2008 09:16	10.46	47.530	30.79	8.88	7.66	7.8	2.63
935	3/7/2008 09:31	10.35	47.701	30.91	8.86	7.65	10.6	2.71
936	3/7/2008 09:46	10.31	47.927	31.07	8.85	7.65	9.4	2.79
937	3/7/2008 10:01	10.25	48.158	31.23	8.84	7.64	8.5	2.87
938	3/7/2008 10:16	10.14	47.550	30.78	8.83	7.63	9.3	2.95
939	3/7/2008 10:31	10	48.001	31.1	8.76	7.63	10.3	3.04
940	3/7/2008 10:46	9.91	49.398	32.1	8.69	7.62	8.8	3.10
941	3/7/2008 11:01	9.88	49.483	32.16	8.64	7.62	7.1	3.16
Mean		10.62	45.387	29.26	8.94	7.63	4.2	2.22
Minimum		9.63	42.504	27.24	8.36	7.52	1.0	0.83
Maximum		12.31	49.552	32.21	10.07	7.79	11.6	3.26

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
	Standard Dev.	0.52	1.237	0.87	0.29	0.05	1.5	0.56

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						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	3/7/2008 11:16	9.9	49.450	32.14	8.81	7.84	6.7	2.94
1	3/7/2008 11:31	9.88	49.368	32.08	8.79	7.85	5.6	2.99
2	3/7/2008 11:46	10	48.603	31.53	8.7	7.85	4.5	2.98
3	3/7/2008 12:01	9.86	49.399	32.1	8.62	7.85	6.5	2.99
4	3/7/2008 12:16	9.86	49.365	32.07	8.63	7.86	6.7	2.95
5	3/7/2008 12:31	10.53	48.272	31.33	9.21	7.9	7.7	2.87
6	3/7/2008 12:46	10.58	47.828	31.01	9.31	7.91	5.7	2.79
7	3/7/2008 13:01	10.57	48.019	31.15	9.31	7.92	5.5	2.70
8	3/7/2008 13:16	10.55	47.708	30.92	9.31	7.92	5.6	2.57
9	3/7/2008 13:31	10.51	48.093	31.2	9.21	7.91	5.7	2.63
10	3/7/2008 13:46	10.56	47.959	31.1	9.25	7.91	5.7	2.53
11	3/7/2008 14:01	10.68	47.511	30.79	9.3	7.92	5.1	2.39
12	3/7/2008 14:16	10.67	47.569	30.83	9.31	7.92	4.8	2.28
13	3/7/2008 14:31	10.87	46.641	30.17	9.29	7.93	7.0	2.16
14	3/7/2008 14:46	10.91	46.475	30.06	9.35	7.94	6.4	2.03
15	3/7/2008 15:01	10.95	46.409	30.01	9.45	7.94	5.9	1.92
16	3/7/2008 15:16	10.97	46.534	30.1	9.69	7.98	5.6	1.74
17	3/7/2008 15:31	11.12	45.828	29.6	9.65	7.97	7.3	1.61
18	3/7/2008 15:46	11.14	46.215	29.88	9.95	8	6.4	1.47
19	3/7/2008 16:01	11.27	45.606	29.45	9.81	7.99	5.7	1.33
20	3/7/2008 16:16	11.31	45.466	29.35	9.66	7.97	5.4	1.22
21	3/7/2008 16:31	11.34	45.227	29.18	9.6	7.97	5.4	1.06
22	3/7/2008 16:46	11.34	45.225	29.18	9.54	7.97	4.1	0.98
23	3/7/2008 17:01	11.37	45.153	29.13	9.56	7.97	4.4	0.86
24	3/7/2008 17:16	11.38	44.900	28.95	9.44	7.97	4.3	0.81
25	3/7/2008 17:31	11.36	45.115	29.11	9.36	7.96	6.6	0.80
26	3/7/2008 17:46	11.37	45.109	29.1	9.52	7.97	5.3	0.81
27	3/7/2008 18:01	11.34	45.176	29.15	9.53	7.97	5.1	0.86
28	3/7/2008 18:16	11.33	45.027	29.04	9.53	7.97	5.4	0.91
29	3/7/2008 18:31	11.31	45.198	29.16	9.5	7.96	5.3	1.00
30	3/7/2008 18:46	11.24	44.848	28.91	9.45	7.96	7.1	1.08
31	3/7/2008 19:01	11.22	44.923	28.96	9.43	7.96	6.5	1.18
32	3/7/2008 19:16	11.21	44.874	28.93	9.42	7.95	6.4	1.26
33	3/7/2008 19:31	11.16	44.709	28.81	9.41	7.95	7.5	1.33
34	3/7/2008 19:46	11.16	44.948	28.98	9.41	7.95	6.5	1.45
35	3/7/2008 20:01	11.18	45.138	29.11	9.4	7.95	6.0	1.53
36	3/7/2008 20:16	11.14	45.396	29.3	9.37	7.95	5.4	1.64
37	3/7/2008 20:31	11.03	45.652	29.47	9.32	7.94	7.2	1.75
38	3/7/2008 20:46	10.99	45.749	29.54	9.29	7.93	5.6	1.86
39	3/7/2008 21:01	10.94	46.467	30.05	9.24	7.92	6.7	1.98
40	3/7/2008 21:16	10.9	46.558	30.12	9.22	7.92	7.6	2.07
41	3/7/2008 21:31	10.86	46.697	30.21	9.22	7.92	8.6	2.18
42	3/7/2008 21:46	10.8	46.922	30.37	9.16	7.91	9.6	2.28
43	3/7/2008 22:01	10.73	47.071	30.48	9.13	7.91	11.8	2.38
44	3/7/2008 22:16	10.64	47.704	30.93	9.13	7.91	13.7	2.48

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
45	3/7/2008 22:31	10.58	47.455	30.74	9.12	7.9	12.6	2.58
46	3/7/2008 22:46	10.39	48.380	31.4	9	7.89	12.8	2.67
47	3/7/2008 23:01	10.24	48.677	31.6	8.89	7.88	15.0	2.76
48	3/7/2008 23:16	10.19	49.078	31.89	8.83	7.88	11.1	2.85
49	3/7/2008 23:31	10.15	49.112	31.91	8.79	7.88	10.2	2.93
50	3/7/2008 23:46	10.07	49.011	31.83	8.78	7.88	8.7	3.00
51	3/8/2008 0:01	10.04	49.309	32.05	8.75	7.87	6.7	3.05
52	3/8/2008 0:16	10.02	49.393	32.1	8.75	7.87	5.6	3.08
53	3/8/2008 0:31	10.19	48.667	31.59	8.66	7.87	5.6	3.10
54	3/8/2008 0:46	10.03	49.284	32.03	8.68	7.87	6.9	3.09
55	3/8/2008 1:01	10.32	48.372	31.39	8.75	7.88	8.7	3.04
56	3/8/2008 1:16	10.42	48.194	31.26	8.8	7.88	8.1	2.97
57	3/8/2008 1:31	10.44	48.208	31.28	8.78	7.88	7.1	2.89
58	3/8/2008 1:46	10.48	47.871	31.04	8.82	7.88	6.7	2.78
59	3/8/2008 2:01	10.5	47.950	31.09	8.82	7.88	7.6	2.68
60	3/8/2008 2:16	10.47	47.874	31.04	8.81	7.88	6.1	2.56
61	3/8/2008 2:31	10.5	47.939	31.09	8.81	7.88	6.5	2.44
62	3/8/2008 2:46	10.59	47.211	30.57	8.82	7.89	6.0	2.34
63	3/8/2008 3:01	10.65	47.121	30.51	8.93	7.89	8.0	2.23
64	3/8/2008 3:16	10.67	47.168	30.54	8.91	7.89	6.5	2.10
65	3/8/2008 3:31	10.76	46.673	30.19	8.96	7.9	6.5	1.99
66	3/8/2008 3:46	10.71	46.869	30.33	8.9	7.89	6.5	1.88
67	3/8/2008 4:01	10.72	46.576	30.12	8.87	7.88	6.4	1.76
68	3/8/2008 4:16	10.87	46.020	29.73	8.91	7.9	5.7	1.63
69	3/8/2008 4:31	10.93	45.786	29.56	8.91	7.9	6.5	1.51
70	3/8/2008 4:46	10.93	45.789	29.57	8.91	7.9	5.8	1.43
71	3/8/2008 5:01	10.94	45.783	29.56	8.9	7.9	6.5	1.32
72	3/8/2008 5:16	10.97	45.699	29.5	8.88	7.9	6.0	1.22
73	3/8/2008 5:31	11.02	45.426	29.31	8.88	7.9	5.2	1.17
74	3/8/2008 5:46	11.03	45.526	29.38	8.78	7.9	3.7	1.14
75	3/8/2008 6:01	11.03	45.092	29.07	8.69	7.9	2.7	1.10
76	3/8/2008 6:16	11.04	45.237	29.18	8.82	7.9	5.8	1.11
77	3/8/2008 6:31	11.01	45.408	29.3	8.91	7.9	5.3	1.18
78	3/8/2008 6:46	11.02	45.514	29.37	8.92	7.91	5.4	1.22
79	3/8/2008 7:01	11.02	45.433	29.32	8.93	7.91	5.0	1.29
80	3/8/2008 7:16	10.95	45.117	29.09	8.91	7.9	5.9	1.38
81	3/8/2008 7:31	10.92	45.137	29.1	8.88	7.89	6.1	1.48
82	3/8/2008 7:46	10.89	44.834	28.88	8.88	7.89	5.9	1.58
83	3/8/2008 8:01	10.89	45.293	29.21	8.87	7.89	5.5	1.66
84	3/8/2008 8:16	10.89	45.558	29.4	8.87	7.89	5.9	1.77
85	3/8/2008 8:31	10.87	46.021	29.73	8.88	7.89	5.4	1.87
86	3/8/2008 8:46	10.8	46.080	29.77	8.94	7.89	5.3	1.95
87	3/8/2008 9:01	10.75	46.600	30.14	8.97	7.89	5.5	2.05
88	3/8/2008 9:16	10.72	46.919	30.37	8.98	7.89	6.1	2.15
89	3/8/2008 9:31	10.71	46.946	30.38	8.99	7.89	5.7	2.24

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
90	3/8/2008 9:46	10.66	47.066	30.47	8.96	7.89	6.7	2.34
91	3/8/2008 10:01	10.61	47.521	30.79	8.93	7.89	7.5	2.42
92	3/8/2008 10:16	10.56	47.478	30.76	8.92	7.88	8.8	2.51
93	3/8/2008 10:31	10.46	47.908	31.06	8.91	7.88	11.9	2.59
94	3/8/2008 10:46	10.39	48.187	31.26	8.9	7.88	10.6	2.68
95	3/8/2008 11:01	10.28	48.408	31.41	8.88	7.87	11.6	2.77
96	3/8/2008 11:16	10.16	49.019	31.84	8.83	7.87	10.7	2.85
97	3/8/2008 11:31	10.12	49.076	31.88	8.78	7.87	10.0	2.93
98	3/8/2008 11:46	10.13	49.156	31.94	8.75	7.87	7.6	2.99
99	3/8/2008 12:01	10.11	49.333	32.07	8.75	7.87	6.2	3.05
100	3/8/2008 12:16	10.12	49.099	31.9	8.73	7.87	5.9	3.09
101	3/8/2008 12:31	10.36	48.920	31.78	8.81	7.89	5.1	3.11
102	3/8/2008 12:46	10.18	49.301	32.05	8.65	7.87	5.0	3.13
103	3/8/2008 13:01	10.11	49.423	32.13	8.64	7.86	6.1	3.07
104	3/8/2008 13:16	10.09	49.282	32.03	8.65	7.86	6.3	3.02
105	3/8/2008 13:31	10.78	48.651	31.62	9.21	7.9	6.7	2.94
106	3/8/2008 13:46	10.99	47.974	31.14	9.37	7.91	8.4	2.83
107	3/8/2008 14:01	10.99	48.071	31.21	9.34	7.91	7.1	2.73
108	3/8/2008 14:16	11.07	47.875	31.07	9.31	7.91	7.0	2.60
109	3/8/2008 14:31	11.07	47.755	30.99	9.42	7.92	6.4	2.48
110	3/8/2008 14:46	11.15	47.639	30.91	9.42	7.92	5.9	2.37
111	3/8/2008 15:01	11.25	47.637	30.91	9.47	7.92	5.6	2.26
112	3/8/2008 15:16	11.37	47.055	30.5	9.44	7.93	7.0	2.12
113	3/8/2008 15:31	11.48	46.638	30.2	9.53	7.94	7.0	2.00
114	3/8/2008 15:46	11.53	46.369	30.01	9.7	7.96	7.4	1.86
115	3/8/2008 16:01	11.65	46.331	29.99	9.77	7.96	6.2	1.74
116	3/8/2008 16:16	11.7	46.113	29.84	9.74	7.96	6.1	1.61
117	3/8/2008 16:31	11.82	46.233	29.93	9.97	7.99	5.6	1.47
118	3/8/2008 16:46	11.86	45.999	29.76	9.91	7.99	5.6	1.34
119	3/8/2008 17:01	11.91	45.591	29.47	9.85	7.99	5.4	1.24
120	3/8/2008 17:16	11.93	45.629	29.5	9.72	7.97	4.7	1.12
121	3/8/2008 17:31	11.97	45.328	29.28	9.65	7.97	4.2	1.03
122	3/8/2008 17:46	12	45.314	29.28	9.62	7.96	3.7	0.96
123	3/8/2008 18:01	12.02	45.227	29.21	9.48	7.96	3.2	0.92
124	3/8/2008 18:16	12.01	45.204	29.2	9.43	7.95	3.8	0.92
125	3/8/2008 18:31	11.99	45.340	29.29	9.65	7.97	4.7	0.95
126	3/8/2008 18:46	11.92	45.302	29.26	9.67	7.97	4.6	1.00
127	3/8/2008 19:01	11.9	45.455	29.37	9.66	7.96	4.4	1.07
128	3/8/2008 19:16	11.87	45.351	29.3	9.63	7.96	5.0	1.16
129	3/8/2008 19:31	11.94	44.870	28.95	9.56	7.95	6.2	1.26
130	3/8/2008 19:46	11.94	44.768	28.88	9.54	7.94	6.3	1.34
131	3/8/2008 20:01	11.94	44.915	28.99	9.54	7.94	6.3	1.44
132	3/8/2008 20:16	11.91	45.320	29.28	9.56	7.95	5.7	1.56
133	3/8/2008 20:31	11.81	45.661	29.52	9.53	7.94	6.2	1.66
134	3/8/2008 20:46	11.7	45.581	29.45	9.49	7.94	6.1	1.76

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
135	3/8/2008 21:01	11.55	46.203	29.89	9.38	7.93	5.8	1.86
136	3/8/2008 21:16	11.37	46.491	30.09	9.31	7.92	6.3	1.97
137	3/8/2008 21:31	11.34	46.825	30.33	9.32	7.92	7.6	2.07
138	3/8/2008 21:46	11.3	46.909	30.39	9.32	7.91	7.4	2.17
139	3/8/2008 22:01	11.2	46.985	30.44	9.27	7.91	8.2	2.28
140	3/8/2008 22:16	11.12	47.010	30.45	9.23	7.9	8.5	2.38
141	3/8/2008 22:31	10.99	47.686	30.93	9.17	7.9	12.9	2.48
142	3/8/2008 22:46	10.88	47.719	30.95	9.15	7.89	13.4	2.57
143	3/8/2008 23:01	10.75	48.332	31.38	9.1	7.89	10.5	2.67
144	3/8/2008 23:16	10.59	48.759	31.68	9.07	7.88	12.2	2.78
145	3/8/2008 23:31	10.48	49.037	31.88	9.03	7.88	11.5	2.87
146	3/8/2008 23:46	10.44	49.167	31.97	9.01	7.88	9.8	2.95
147	3/9/2008 0:01	10.38	49.323	32.08	8.98	7.88	10.3	3.05
148	3/9/2008 0:16	10.29	49.556	32.24	8.93	7.88	9.5	3.11
149	3/9/2008 0:31	10.19	49.815	32.42	8.84	7.87	6.8	3.16
150	3/9/2008 0:46	10.12	49.790	32.4	8.76	7.87	5.0	3.20
151	3/9/2008 1:01	10.29	49.425	32.14	8.75	7.87	5.0	3.22
152	3/9/2008 1:16	10.16	49.485	32.18	8.71	7.87	6.2	3.21
153	3/9/2008 1:31	10.12	49.627	32.28	8.7	7.87	5.9	3.17
154	3/9/2008 1:46	10.52	48.496	31.49	8.93	7.88	6.7	3.10
155	3/9/2008 2:01	10.53	48.334	31.37	8.93	7.87	7.4	3.02
156	3/9/2008 2:16	10.61	48.011	31.14	8.95	7.88	5.7	2.91
157	3/9/2008 2:31	10.67	48.072	31.19	8.95	7.88	6.1	2.79
158	3/9/2008 2:46	10.59	48.374	31.4	8.95	7.88	6.1	2.67
159	3/9/2008 3:01	10.64	48.209	31.29	8.92	7.87	6.3	2.53
160	3/9/2008 3:16	10.72	47.872	31.05	8.92	7.88	6.2	2.43
161	3/9/2008 3:31	10.77	47.676	30.91	8.96	7.88	6.3	2.30
162	3/9/2008 3:46	10.79	47.672	30.91	9.01	7.88	6.4	2.18
163	3/9/2008 4:01	10.83	47.495	30.78	8.99	7.89	6.2	2.05
164	3/9/2008 4:16	10.77	47.519	30.8	8.95	7.88	5.5	1.94
165	3/9/2008 4:31	10.79	47.122	30.51	8.93	7.88	5.6	1.81
166	3/9/2008 4:46	10.94	46.593	30.14	8.95	7.89	6.2	1.68
167	3/9/2008 5:01	11.02	46.214	29.88	8.9	7.89	6.4	1.54
168	3/9/2008 5:16	10.97	46.320	29.95	8.9	7.89	5.6	1.42
169	3/9/2008 5:31	11.03	46.143	29.83	8.9	7.89	5.7	1.29
170	3/9/2008 5:46	11.03	45.854	29.62	8.91	7.89	5.4	1.17
171	3/9/2008 6:01	11.13	45.924	29.67	8.9	7.9	4.3	1.09
172	3/9/2008 6:16	11.13	45.543	29.4	8.87	7.9	4.3	1.00
173	3/9/2008 6:31	11.14	45.725	29.53	8.79	7.89	3.3	0.96
174	3/9/2008 6:46	11.14	45.644	29.47	8.6	7.88	2.1	0.93
175	3/9/2008 7:01	11.11	45.597	29.44	8.86	7.9	5.0	0.95
176	3/9/2008 7:16	11.15	45.806	29.59	8.95	7.9	4.5	1.01
177	3/9/2008 7:31	11.15	45.748	29.55	8.97	7.9	4.5	1.05
178	3/9/2008 7:46	11.15	45.499	29.37	8.99	7.9	4.7	1.14
179	3/9/2008 8:01	11.02	45.043	29.04	8.94	7.89	6.5	1.23

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	3/9/2008 8:16	11.07	45.228	29.17	8.93	7.89	5.9	1.34
181	3/9/2008 8:31	11.05	45.318	29.24	8.9	7.88	6.3	1.43
182	3/9/2008 8:46	11.04	45.366	29.27	8.91	7.89	6.6	1.52
183	3/9/2008 9:01	11.05	45.812	29.59	8.92	7.89	5.8	1.63
184	3/9/2008 9:16	11.07	45.976	29.71	8.92	7.89	5.6	1.73
185	3/9/2008 9:31	11.06	46.392	30	8.95	7.89	5.4	1.82
186	3/9/2008 9:46	11.06	46.680	30.21	9.02	7.89	5.3	1.92
187	3/9/2008 10:01	11.04	47.005	30.44	9.05	7.89	5.4	2.02
188	3/9/2008 10:16	11.02	47.198	30.58	9.05	7.89	5.9	2.12
189	3/9/2008 10:31	11.02	47.192	30.58	9.04	7.89	6.4	2.20
190	3/9/2008 10:46	10.96	47.430	30.75	9.02	7.89	7.1	2.29
191	3/9/2008 11:01	10.92	47.705	30.94	9	7.88	7.4	2.39
192	3/9/2008 11:16	10.85	47.794	31	9	7.88	9.2	2.48
193	3/9/2008 11:31	10.82	47.872	31.06	9.02	7.88	8.6	2.56
194	3/9/2008 11:46	10.71	48.304	31.36	8.98	7.88	8.1	2.66
195	3/9/2008 12:01	10.51	48.632	31.59	8.95	7.87	9.8	2.73
196	3/9/2008 12:16	10.42	49.035	31.87	8.9	7.87	8.7	2.81
197	3/9/2008 12:31	10.43	48.982	31.83	8.9	7.87	6.8	2.87
198	3/9/2008 12:46	10.41	49.392	32.13	8.87	7.87	6.8	2.93
199	3/9/2008 13:01	10.47	49.201	31.99	8.86	7.87	5.1	2.97
200	3/9/2008 13:16	10.51	49.227	32.02	8.86	7.87	4.6	2.99
201	3/9/2008 13:31	10.51	49.209	32	8.78	7.86	4.6	2.98
202	3/9/2008 13:46	10.46	49.004	31.85	8.78	7.86	5.7	2.95
203	3/9/2008 14:01	11.32	48.434	31.49	9.31	7.89	5.4	2.91
204	3/9/2008 14:16	11.42	48.291	31.39	9.43	7.91	5.9	2.83
205	3/9/2008 14:31	11.49	47.698	30.97	9.55	7.92	6.3	2.72
206	3/9/2008 14:46	11.34	48.207	31.32	9.53	7.92	5.3	2.63
207	3/9/2008 15:01	11.37	48.012	31.19	9.48	7.92	4.8	2.53
208	3/9/2008 15:16	11.33	48.062	31.22	9.46	7.92	5.0	2.40
209	3/9/2008 15:31	11.4	47.821	31.05	9.54	7.93	4.8	2.30
210	3/9/2008 15:46	11.75	47.528	30.85	9.51	7.93	6.7	2.19
211	3/9/2008 16:01	11.81	47.117	30.56	9.52	7.93	5.2	2.09
212	3/9/2008 16:16	11.91	47.171	30.6	9.61	7.94	4.6	1.97
213	3/9/2008 16:31	12.01	46.882	30.4	9.83	7.96	4.3	1.84
214	3/9/2008 16:46	12.1	46.605	30.21	9.83	7.96	4.8	1.73
215	3/9/2008 17:01	12.16	46.256	29.96	9.98	7.97	4.5	1.63
216	3/9/2008 17:16	12.28	46.497	30.14	10.1	7.99	4.6	1.51
217	3/9/2008 17:31	12.39	46.018	29.8	10.17	8	4.2	1.40
218	3/9/2008 17:46	12.46	46.041	29.81	10.08	7.99	4.2	1.30
219	3/9/2008 18:01	12.48	45.596	29.5	10.05	7.99	3.5	1.23
220	3/9/2008 18:16	12.51	45.474	29.41	9.95	7.98	3.2	1.16
221	3/9/2008 18:31	12.53	45.685	29.56	9.85	7.97	2.9	1.12
222	3/9/2008 18:46	12.56	45.597	29.5	9.63	7.97	1.5	1.10
223	3/9/2008 19:01	12.51	45.395	29.35	9.93	7.98	3.6	1.11
224	3/9/2008 19:16	12.49	45.701	29.57	9.96	7.98	3.5	1.16

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
225	3/9/2008 19:31	12.46	45.832	29.66	9.91	7.98	3.4	1.20
226	3/9/2008 19:46	12.42	45.691	29.56	9.92	7.98	4.0	1.30
227	3/9/2008 20:01	12.57	45.487	29.42	9.83	7.96	6.5	1.38
228	3/9/2008 20:16	12.52	45.411	29.36	9.82	7.96	5.5	1.47
229	3/9/2008 20:31	12.54	45.391	29.35	9.79	7.96	5.7	1.57
230	3/9/2008 20:46	12.42	45.605	29.5	9.79	7.96	5.4	1.67
231	3/9/2008 21:01	12.25	45.970	29.76	9.74	7.95	5.1	1.77
232	3/9/2008 21:16	12.09	46.318	30	9.66	7.94	5.0	1.88
233	3/9/2008 21:31	11.78	46.950	30.44	9.4	7.92	5.4	1.98
234	3/9/2008 21:46	11.65	47.184	30.6	9.34	7.91	6.3	2.07
235	3/9/2008 22:01	11.64	47.028	30.49	9.35	7.91	5.6	2.17
236	3/9/2008 22:16	11.61	47.101	30.54	9.37	7.91	6.2	2.27
237	3/9/2008 22:31	11.49	47.354	30.72	9.32	7.91	7.6	2.37
238	3/9/2008 22:46	11.4	47.734	30.99	9.26	7.9	8.9	2.46
239	3/9/2008 23:01	11.22	48.006	31.17	9.23	7.9	11.7	2.57
240	3/9/2008 23:16	11.07	48.056	31.2	9.18	7.89	11.6	2.68
241	3/9/2008 23:31	10.85	48.654	31.62	9.11	7.89	12.2	2.78
242	3/9/2008 23:46	10.65	48.928	31.81	9.05	7.88	10.5	2.88
243	3/10/2008 0:01	10.54	49.302	32.07	9.01	7.88	10.2	2.98
244	3/10/2008 0:16	10.47	49.533	32.23	8.99	7.88	9.5	3.08
245	3/10/2008 0:31	10.45	49.557	32.25	8.98	7.88	8.6	3.16
246	3/10/2008 0:46	10.41	49.511	32.21	9	7.88	6.5	3.24
247	3/10/2008 1:01	10.4	49.577	32.26	8.99	7.88	5.0	3.29
248	3/10/2008 1:16	10.36	49.661	32.32	8.97	7.88	4.1	3.33
249	3/10/2008 1:31	10.54	49.378	32.13	8.83	7.88	4.3	3.35
250	3/10/2008 1:46	10.43	49.758	32.39	8.86	7.88	6.1	3.34
251	3/10/2008 2:01	10.42	49.557	32.25	8.91	7.88	4.9	3.29
252	3/10/2008 2:16	10.71	48.901	31.79	8.97	7.88	5.4	3.22
253	3/10/2008 2:31	10.72	48.544	31.53	8.93	7.88	5.7	3.14
254	3/10/2008 2:46	10.81	48.255	31.33	8.98	7.88	5.3	3.03
255	3/10/2008 3:01	10.81	48.582	31.57	8.93	7.88	5.7	2.90
256	3/10/2008 3:16	10.86	48.404	31.44	8.97	7.88	7.9	2.79
257	3/10/2008 3:31	10.87	48.209	31.3	8.96	7.88	8.0	2.66
258	3/10/2008 3:46	10.87	47.992	31.14	8.97	7.88	6.4	2.54
259	3/10/2008 4:01	10.92	47.879	31.07	8.98	7.88	5.6	2.43
260	3/10/2008 4:16	11.03	47.890	31.08	9.05	7.89	6.4	2.29
261	3/10/2008 4:31	11.02	47.784	31	9	7.88	6.1	2.16
262	3/10/2008 4:46	11.1	47.576	30.86	9.01	7.88	5.9	2.03
263	3/10/2008 5:01	11.24	47.278	30.65	9.02	7.89	6.4	1.90
264	3/10/2008 5:16	11.22	47.203	30.6	8.95	7.88	6.4	1.77
265	3/10/2008 5:31	11.4	46.817	30.33	9	7.89	6.8	1.62
266	3/10/2008 5:46	11.44	46.657	30.21	8.98	7.89	6.0	1.49
267	3/10/2008 6:01	11.48	46.736	30.27	8.98	7.89	5.4	1.35
268	3/10/2008 6:16	11.56	46.590	30.17	8.99	7.9	5.0	1.22
269	3/10/2008 6:31	11.6	46.024	29.77	8.99	7.9	6.2	1.10

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	3/10/2008 6:46	11.7	46.062	29.8	8.98	7.91	4.6	0.99
271	3/10/2008 7:01	11.7	46.060	29.8	8.9	7.9	4.9	0.92
272	3/10/2008 7:16	11.7	46.052	29.79	8.77	7.89	2.8	0.86
273	3/10/2008 7:31	11.71	45.988	29.75	8.53	7.88	2.3	0.83
274	3/10/2008 7:46	11.7	45.903	29.68	8.97	7.9	4.4	0.87
275	3/10/2008 8:01	11.72	46.000	29.76	9	7.91	4.3	0.90
276	3/10/2008 8:16	11.72	46.093	29.82	9.02	7.91	4.6	0.98
277	3/10/2008 8:31	11.72	46.026	29.77	9.06	7.91	4.0	1.06
278	3/10/2008 8:46	11.69	45.799	29.61	9.01	7.9	5.8	1.15
279	3/10/2008 9:01	11.68	45.820	29.62	9.01	7.9	5.6	1.24
280	3/10/2008 9:16	11.66	45.639	29.49	8.99	7.89	5.5	1.32
281	3/10/2008 9:31	11.64	45.589	29.46	8.99	7.89	5.4	1.42
282	3/10/2008 9:46	11.65	45.956	29.72	8.99	7.9	5.3	1.51
283	3/10/2008 10:01	11.61	46.257	29.93	8.98	7.9	5.3	1.61
284	3/10/2008 10:16	11.67	46.303	29.97	9.01	7.9	4.8	1.69
285	3/10/2008 10:31	11.62	46.106	29.83	9.07	7.89	5.0	1.80
286	3/10/2008 10:46	11.57	47.026	30.48	9.1	7.9	5.9	1.90
287	3/10/2008 11:01	11.58	47.147	30.57	9.11	7.9	4.9	1.99
288	3/10/2008 11:16	11.52	47.243	30.64	9.12	7.9	5.6	2.09
289	3/10/2008 11:31	11.45	47.523	30.84	9.09	7.89	6.5	2.19
290	3/10/2008 11:46	11.38	47.481	30.8	9.08	7.89	6.2	2.28
291	3/10/2008 12:01	11.34	47.704	30.96	9.07	7.89	6.6	2.37
292	3/10/2008 12:16	11.2	48.062	31.21	9.08	7.89	8.1	2.45
293	3/10/2008 12:31	11.12	48.031	31.19	9.07	7.89	8.1	2.53
294	3/10/2008 12:46	11	48.434	31.47	9.06	7.89	7.9	2.60
295	3/10/2008 13:01	10.85	48.650	31.62	9.06	7.89	7.5	2.68
296	3/10/2008 13:16	10.81	49.026	31.89	9.06	7.89	6.6	2.74
297	3/10/2008 13:31	10.78	49.007	31.87	9.07	7.89	6.0	2.80
298	3/10/2008 13:46	10.77	49.144	31.97	9.06	7.89	5.1	2.84
299	3/10/2008 14:01	10.8	48.676	31.63	9.04	7.89	4.0	2.87
300	3/10/2008 14:16	10.87	48.870	31.78	8.96	7.89	3.4	2.90
301	3/10/2008 14:31	10.82	48.937	31.82	8.93	7.88	6.2	2.86
302	3/10/2008 14:46	10.82	48.793	31.72	8.97	7.88	6.3	2.82
303	3/10/2008 15:01	10.94	48.717	31.67	9.12	7.89	4.4	2.79
304	3/10/2008 15:16	11.26	48.427	31.48	9.34	7.92	4.3	2.70
305	3/10/2008 15:31	11.33	48.191	31.31	9.37	7.92	4.9	2.58
306	3/10/2008 15:46	11.47	47.607	30.9	9.39	7.92	5.0	2.53
307	3/10/2008 16:01	11.57	47.781	31.03	9.34	7.92	4.5	2.44
308	3/10/2008 16:16	11.7	47.514	30.84	9.4	7.92	3.9	2.31
309	3/10/2008 16:31	11.8	47.401	30.77	9.44	7.94	4.6	2.22
310	3/10/2008 16:46	11.84	47.341	30.72	9.48	7.94	3.9	2.13
311	3/10/2008 17:01	11.74	47.321	30.71	9.37	7.93	4.6	2.03
312	3/10/2008 17:16	11.83	47.027	30.5	9.35	7.93	5.7	1.93
313	3/10/2008 17:31	11.92	46.819	30.35	9.37	7.93	4.9	1.83
314	3/10/2008 17:46	11.94	46.732	30.29	9.34	7.93	4.5	1.74

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
315	3/10/2008 18:01	12	46.597	30.2	9.32	7.93	4.7	1.66
316	3/10/2008 18:16	12.12	46.386	30.05	9.34	7.94	4.5	1.55
317	3/10/2008 18:31	12.19	46.130	29.87	9.26	7.94	5.1	1.50
318	3/10/2008 18:46	12.22	46.008	29.78	9.17	7.93	3.7	1.44
319	3/10/2008 19:01	12.24	45.024	29.08	9.15	7.92	3.4	1.39
320	3/10/2008 19:16	12.25	45.862	29.68	8.95	7.92	3.7	1.36
321	3/10/2008 19:31	12.21	46.023	29.79	9.05	7.93	4.8	1.35
322	3/10/2008 19:46	12.21	45.877	29.69	9.17	7.93	5.1	1.36
323	3/10/2008 20:01	12.18	46.144	29.88	9.18	7.93	5.0	1.41
324	3/10/2008 20:16	12.15	46.212	29.93	9.18	7.93	5.7	1.46
325	3/10/2008 20:31	12.11	46.273	29.97	9.16	7.92	5.4	1.52
326	3/10/2008 20:46	12.15	46.119	29.86	9.21	7.92	6.1	1.63
327	3/10/2008 21:01	12.18	45.880	29.69	9.23	7.93	6.5	1.72
328	3/10/2008 21:16	12.06	46.359	30.03	9.22	7.92	6.0	1.80
329	3/10/2008 21:31	11.97	46.709	30.27	9.19	7.92	5.3	1.91
330	3/10/2008 21:46	11.86	46.503	30.12	9.24	7.92	5.2	2.01
331	3/10/2008 22:01	11.72	46.919	30.41	9.19	7.91	5.3	2.10
332	3/10/2008 22:16	11.63	47.439	30.78	9.14	7.91	5.4	2.19
333	3/10/2008 22:31	11.6	47.516	30.84	9.14	7.9	5.4	2.28
334	3/10/2008 22:46	11.52	47.595	30.89	9.15	7.9	6.4	2.36
335	3/10/2008 23:01	11.41	47.853	31.07	9.12	7.9	7.3	2.46
336	3/10/2008 23:16	11.26	47.970	31.15	9.1	7.9	8.0	2.55
337	3/10/2008 23:31	11.16	48.278	31.37	9.08	7.89	8.5	2.64
338	3/10/2008 23:46	11.02	48.582	31.58	9.05	7.89	8.1	2.74
339	3/11/2008 0:01	10.92	48.578	31.57	9.03	7.89	9.8	2.84
340	3/11/2008 0:16	10.75	48.993	31.86	8.97	7.88	8.5	2.94
341	3/11/2008 0:31	10.53	49.422	32.16	8.85	7.88	7.9	3.03
342	3/11/2008 0:46	10.44	49.506	32.21	8.78	7.87	7.1	3.12
343	3/11/2008 1:01	10.35	49.578	32.26	8.73	7.87	7.3	3.21
344	3/11/2008 1:16	10.31	49.434	32.15	8.71	7.87	7.5	3.26
345	3/11/2008 1:31	10.25	49.868	32.46	8.68	7.87	4.5	3.32
346	3/11/2008 1:46	10.26	49.515	32.21	8.68	7.87	4.3	3.37
347	3/11/2008 2:01	10.2	49.745	32.37	8.67	7.87	4.2	3.39
348	3/11/2008 2:16	10.34	49.494	32.2	8.57	7.86	4.0	3.37
349	3/11/2008 2:31	10.23	49.340	32.08	8.62	7.86	3.9	3.36
350	3/11/2008 2:46	10.64	49.077	31.91	8.69	7.87	4.8	3.31
351	3/11/2008 3:01	10.79	48.759	31.69	8.77	7.87	5.0	3.22
352	3/11/2008 3:16	10.9	48.569	31.56	8.76	7.87	5.1	3.13
353	3/11/2008 3:31	10.93	48.379	31.43	8.77	7.87	6.7	3.03
354	3/11/2008 3:46	10.95	48.368	31.42	8.76	7.87	6.7	2.91
355	3/11/2008 4:01	10.98	48.171	31.28	8.8	7.87	6.1	2.80
356	3/11/2008 4:16	10.93	48.656	31.63	8.72	7.87	5.3	2.66
357	3/11/2008 4:31	11.01	48.178	31.29	8.79	7.87	4.8	2.58
358	3/11/2008 4:46	10.87	48.753	31.69	8.8	7.87	5.0	2.43
359	3/11/2008 5:01	10.95	48.567	31.56	8.82	7.87	6.0	2.33

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	3/11/2008 5:16	11.12	47.913	31.1	8.79	7.88	5.6	2.18
361	3/11/2008 5:31	11.18	47.923	31.11	8.77	7.87	6.0	2.05
362	3/11/2008 5:46	11.34	47.252	30.64	8.71	7.87	6.1	1.92
363	3/11/2008 6:01	11.35	47.230	30.62	8.7	7.86	7.8	1.77
364	3/11/2008 6:16	11.52	46.889	30.38	8.67	7.87	6.9	1.62
365	3/11/2008 6:31	11.58	47.060	30.51	8.62	7.87	6.6	1.48
366	3/11/2008 6:46	11.69	46.704	30.26	8.62	7.87	6.2	1.39
367	3/11/2008 7:01	11.82	46.532	30.14	8.59	7.88	6.1	1.23
368	3/11/2008 7:16	11.87	46.480	30.11	8.56	7.88	5.1	1.10
369	3/11/2008 7:31	11.88	46.436	30.07	8.49	7.87	5.4	0.97
370	3/11/2008 7:46	11.92	46.276	29.96	8.43	7.87	4.6	0.85
371	3/11/2008 8:01	11.95	46.006	29.77	8.34	7.87	3.9	0.81
372	3/11/2008 8:16	11.98	46.061	29.81	8.16	7.86	3.3	0.77
373	3/11/2008 8:31	11.95	46.156	29.88	8.43	7.87	5.1	0.83
374	3/11/2008 8:46	11.99	46.145	29.87	8.47	7.88	4.8	0.84
375	3/11/2008 9:01	11.98	46.007	29.77	8.52	7.88	4.6	0.88
376	3/11/2008 9:16	11.99	46.185	29.9	8.53	7.88	4.4	0.96
377	3/11/2008 9:31	12.02	45.875	29.68	8.61	7.89	4.5	1.04
378	3/11/2008 9:46	12.01	45.892	29.69	8.59	7.88	5.4	1.11
379	3/11/2008 10:01	11.97	46.161	29.88	8.56	7.88	5.0	1.16
380	3/11/2008 10:16	12.03	45.744	29.58	8.61	7.87	5.8	1.26
381	3/11/2008 10:31	11.93	45.908	29.7	8.61	7.88	5.4	1.39
382	3/11/2008 10:46	11.89	46.027	29.78	8.59	7.88	5.7	1.40
383	3/11/2008 11:01	11.87	46.233	29.93	8.6	7.88	5.0	1.51
384	3/11/2008 11:16	11.99	46.211	29.92	8.68	7.88	5.5	1.62
385	3/11/2008 11:31	11.67	46.732	30.28	8.73	7.88	5.0	1.71
386	3/11/2008 11:46	11.68	46.861	30.37	8.77	7.88	5.3	1.79
387	3/11/2008 12:01	11.69	47.005	30.48	8.81	7.89	5.0	1.90
388	3/11/2008 12:16	11.69	47.233	30.64	8.87	7.89	5.0	2.00
389	3/11/2008 12:31	11.64	47.271	30.66	8.87	7.89	4.9	2.09
390	3/11/2008 12:46	11.57	47.433	30.78	8.85	7.89	5.0	2.17
391	3/11/2008 13:01	11.53	47.657	30.94	8.84	7.89	5.0	2.23
392	3/11/2008 13:16	11.5	47.855	31.08	8.84	7.89	5.3	2.28
393	3/11/2008 13:31	11.5	47.771	31.02	8.85	7.88	5.0	2.39
394	3/11/2008 13:46	11.48	47.510	30.83	8.88	7.88	5.3	2.42
395	3/11/2008 14:01	11.38	47.791	31.03	8.89	7.88	5.9	2.51
396	3/11/2008 14:16	11.34	48.233	31.34	8.9	7.88	5.7	2.57
397	3/11/2008 14:31	11.28	48.081	31.23	8.9	7.88	4.9	2.59
398	3/11/2008 14:46	11.28	48.211	31.32	8.9	7.88	5.1	2.63
399	3/11/2008 15:01	11.31	48.198	31.32	8.87	7.87	4.4	2.66
400	3/11/2008 15:16	11.42	48.162	31.3	8.8	7.88	2.4	2.69
401	3/11/2008 15:31	11.19	48.331	31.41	8.72	7.87	4.3	2.63
402	3/11/2008 15:46	11.21	48.209	31.32	8.77	7.87	4.3	2.62
403	3/11/2008 16:01	11.34	48.299	31.39	8.77	7.87	3.6	2.61
404	3/11/2008 16:16	11.91	47.985	31.19	9.4	7.93	5.4	2.55

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	3/11/2008 16:31	11.68	48.177	31.32	9.42	7.93	5.1	2.48
406	3/11/2008 16:46	11.56	47.987	31.18	9.37	7.93	6.9	2.38
407	3/11/2008 17:01	11.65	47.954	31.16	9.29	7.93	6.8	2.32
408	3/11/2008 17:16	11.77	47.765	31.03	9.12	7.92	7.0	2.23
409	3/11/2008 17:31	11.98	47.616	30.93	9.13	7.93	7.7	2.14
410	3/11/2008 17:46	11.98	47.549	30.88	9.05	7.92	8.6	2.01
411	3/11/2008 18:01	12.13	47.006	30.5	8.99	7.91	11.5	1.96
412	3/11/2008 18:16	12.3	46.613	30.22	9.04	7.92	11.5	1.89
413	3/11/2008 18:31	12.33	46.605	30.22	9.01	7.92	10.6	1.81
414	3/11/2008 18:46	12.39	46.405	30.07	8.98	7.92	12.0	1.68
415	3/11/2008 19:01	12.46	46.304	30	8.94	7.92	9.6	1.68
416	3/11/2008 19:16	12.48	46.346	30.03	8.91	7.91	7.6	1.66
417	3/11/2008 19:31	12.54	46.139	29.89	8.83	7.91	8.1	1.57
418	3/11/2008 19:46	12.52	46.328	30.02	8.77	7.9	6.2	1.54
419	3/11/2008 20:01	12.58	45.605	29.51	8.69	7.91	5.7	1.53
420	3/11/2008 20:16	12.51	45.297	29.28	8.88	7.92	8.4	1.56
421	3/11/2008 20:31	12.42	46.243	29.96	8.87	7.92	8.9	1.58
422	3/11/2008 20:46	12.4	46.239	29.95	8.84	7.91	10.5	1.62
423	3/11/2008 21:01	12.4	46.200	29.93	8.87	7.91	8.5	1.69
424	3/11/2008 21:16	12.35	45.260	29.25	8.87	7.9	8.4	1.79
425	3/11/2008 21:31	12.46	46.010	29.79	8.9	7.91	8.1	1.84
426	3/11/2008 21:46	12.37	46.278	29.98	8.85	7.91	7.6	1.88
427	3/11/2008 22:01	12.3	46.513	30.15	8.85	7.9	7.9	1.98
428	3/11/2008 22:16	12.2	46.910	30.43	8.88	7.9	7.6	2.05
429	3/11/2008 22:31	12.09	47.122	30.58	8.89	7.9	7.1	2.13
430	3/11/2008 22:46	11.95	47.438	30.8	8.92	7.9	6.4	2.20
431	3/11/2008 23:01	11.76	47.674	30.96	8.97	7.9	7.6	2.27
432	3/11/2008 23:16	11.62	47.927	31.14	9.04	7.9	7.7	2.36
433	3/11/2008 23:31	11.56	48.017	31.2	9.07	7.9	7.9	2.44
434	3/11/2008 23:46	11.45	48.284	31.39	9.11	7.9	7.9	2.53
435	3/12/2008 0:01	11.27	48.400	31.46	9.18	7.89	11.2	2.62
436	3/12/2008 0:16	11.09	48.498	31.52	9.28	7.89	11.8	2.71
437	3/12/2008 0:31	10.89	48.652	31.62	9.36	7.89	12.3	2.81
438	3/12/2008 0:46	10.73	48.764	31.69	9.42	7.88	10.9	2.91
439	3/12/2008 1:01	10.52	48.935	31.81	9.49	7.88	11.7	3.00
440	3/12/2008 1:16	10.39	48.815	31.71	9.6	7.88	11.1	3.07
441	3/12/2008 1:31	10.34	49.092	31.91	9.61	7.88	9.8	3.15
442	3/12/2008 1:46	10.31	49.333	32.08	9.65	7.89	8.2	3.23
443	3/12/2008 2:01	10.3	49.353	32.09	9.65	7.89	6.4	3.27
444	3/12/2008 2:16	10.3	49.247	32.02	9.61	7.89	5.7	3.33
445	3/12/2008 2:31	10.74	48.746	31.68	9.23	7.88	4.5	3.35
446	3/12/2008 2:46	10.44	49.176	31.97	9.33	7.87	4.3	3.37
447	3/12/2008 3:01	10.34	49.314	32.07	9.39	7.87	3.7	3.34
448	3/12/2008 3:16	10.54	48.816	31.72	9.32	7.88	6.7	3.26
449	3/12/2008 3:31	10.53	48.747	31.67	9.36	7.87	5.7	3.24

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	3/12/2008 3:46	10.72	48.319	31.37	9.2	7.87	5.4	3.17
451	3/12/2008 4:01	10.89	48.400	31.44	9.1	7.87	5.4	3.03
452	3/12/2008 4:16	10.92	48.176	31.28	9.04	7.87	5.8	2.95
453	3/12/2008 4:31	10.89	48.484	31.5	9.07	7.87	5.7	2.87
454	3/12/2008 4:46	10.94	48.406	31.45	9.03	7.87	5.5	2.76
455	3/12/2008 5:01	11.02	48.136	31.26	9	7.87	6.8	2.64
456	3/12/2008 5:16	11.07	47.910	31.1	8.99	7.87	8.1	2.52
457	3/12/2008 5:31	11.03	48.139	31.26	8.99	7.87	5.7	2.42
458	3/12/2008 5:46	10.99	48.037	31.18	8.99	7.87	5.9	2.27
459	3/12/2008 6:01	11.26	47.641	30.91	8.86	7.88	7.3	2.14
460	3/12/2008 6:16	11.09	47.844	31.05	8.84	7.87	6.2	2.02
461	3/12/2008 6:31	11.49	46.841	30.35	8.67	7.87	7.0	1.90
462	3/12/2008 6:46	11.55	47.035	30.49	8.6	7.87	7.3	1.74
463	3/12/2008 7:01	11.61	47.039	30.5	8.55	7.87	7.6	1.61
464	3/12/2008 7:16	11.62	46.803	30.33	8.53	7.87	6.8	1.49
465	3/12/2008 7:31	11.7	46.458	30.08	8.51	7.87	6.2	1.34
466	3/12/2008 7:46	11.75	46.591	30.18	8.47	7.87	7.0	1.22
467	3/12/2008 8:01	11.89	46.352	30.01	8.42	7.88	7.2	1.09
468	3/12/2008 8:16	11.95	46.336	30.01	8.35	7.88	7.3	1.01
469	3/12/2008 8:31	12.03	46.025	29.79	8.26	7.87	5.0	0.92
470	3/12/2008 8:46	12.07	45.988	29.76	8.17	7.87	4.6	0.82
471	3/12/2008 9:01	12.09	45.824	29.64	7.98	7.85	3.8	0.81
472	3/12/2008 9:16	12.1	46.054	29.81	7.89	7.86	4.2	0.78
473	3/12/2008 9:31	12.09	46.082	29.83	8.24	7.88	5.0	0.79
474	3/12/2008 9:46	12.06	46.175	29.89	8.3	7.88	5.3	0.85
475	3/12/2008 10:01	12.06	46.327	30	8.33	7.88	5.0	0.91
476	3/12/2008 10:16	12.09	46.078	29.83	8.39	7.88	5.1	0.98
477	3/12/2008 10:31	12.04	46.413	30.07	8.4	7.88	5.0	1.04
478	3/12/2008 10:46	12.07	46.237	29.94	8.38	7.88	5.4	1.12
479	3/12/2008 11:01	12.16	45.856	29.67	8.43	7.88	6.0	1.18
480	3/12/2008 11:16	12.18	45.782	29.62	8.42	7.88	6.1	1.27
481	3/12/2008 11:31	11.99	46.249	29.95	8.35	7.88	5.3	1.34
482	3/12/2008 11:46	11.98	46.149	29.87	8.35	7.88	5.5	1.41
483	3/12/2008 12:01	12.17	45.770	29.61	8.48	7.88	6.4	1.52
484	3/12/2008 12:16	12.13	45.589	29.48	8.51	7.88	6.2	1.59
485	3/12/2008 12:31	11.92	46.375	30.03	8.54	7.88	5.4	1.66
486	3/12/2008 12:46	11.72	46.606	30.19	8.59	7.88	5.3	1.76
487	3/12/2008 13:01	11.69	47.163	30.59	8.69	7.88	5.2	1.84
488	3/12/2008 13:16	11.68	47.438	30.79	8.76	7.89	5.0	1.90
489	3/12/2008 13:31	11.63	47.486	30.82	8.8	7.89	5.0	1.99
490	3/12/2008 13:46	11.62	47.514	30.84	8.83	7.89	5.5	2.08
491	3/12/2008 14:01	11.59	47.603	30.9	8.89	7.89	4.8	2.13
492	3/12/2008 14:16	11.54	47.582	30.88	8.93	7.89	5.1	2.19
493	3/12/2008 14:31	11.46	47.384	30.74	8.95	7.88	5.1	2.25
494	3/12/2008 14:46	11.41	47.989	31.17	8.96	7.88	5.2	2.32

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
495	3/12/2008 15:01	11.36	47.787	31.02	8.99	7.88	5.0	2.37
496	3/12/2008 15:16	11.3	48.067	31.22	9.02	7.88	5.3	2.41
497	3/12/2008 15:31	11.25	47.988	31.16	9.06	7.88	4.4	2.46
498	3/12/2008 15:46	11.22	48.222	31.33	9.07	7.88	4.5	2.50
499	3/12/2008 16:01	11.22	48.166	31.29	9.01	7.88	4.0	2.51
500	3/12/2008 16:16	11.27	48.004	31.17	8.42	7.85	1.7	2.54
501	3/12/2008 16:31	11.24	48.155	31.28	8.84	7.87	3.1	2.54
502	3/12/2008 16:46	11.15	48.146	31.27	8.9	7.87	3.5	2.51
503	3/12/2008 17:01	11.17	47.969	31.14	8.95	7.87	4.0	2.46
504	3/12/2008 17:16	11.33	47.778	31.01	8.91	7.88	3.8	2.43
505	3/12/2008 17:31	11.65	47.735	31	8.97	7.9	3.4	2.36
506	3/12/2008 17:46	11.61	47.598	30.9	8.95	7.9	3.2	2.29
507	3/12/2008 18:01	11.67	47.336	30.71	8.84	7.9	3.4	2.24
508	3/12/2008 18:16	11.67	47.410	30.77	8.78	7.89	2.7	2.16
509	3/12/2008 18:31	11.63	47.199	30.61	8.8	7.9	3.5	2.10
510	3/12/2008 18:46	11.63	47.376	30.74	8.78	7.9	3.3	2.04
511	3/12/2008 19:01	11.67	47.247	30.65	8.7	7.9	3.2	1.96
512	3/12/2008 19:16	11.73	47.062	30.52	8.69	7.89	3.5	1.91
513	3/12/2008 19:31	11.76	46.828	30.35	8.68	7.89	3.5	1.89
514	3/12/2008 19:46	11.8	46.652	30.23	8.58	7.89	2.6	1.84
515	3/12/2008 20:01	11.87	46.553	30.16	8.47	7.88	2.4	1.79
516	3/12/2008 20:16	11.81	46.481	30.1	8.4	7.88	2.3	1.75
517	3/12/2008 20:31	11.78	46.614	30.2	8.24	7.87	2.9	1.78
518	3/12/2008 20:46	11.77	46.449	30.08	8.61	7.88	3.5	1.74
519	3/12/2008 21:01	11.81	46.120	29.85	8.62	7.89	3.9	1.74
520	3/12/2008 21:16	11.91	46.290	29.97	8.61	7.89	3.7	1.77
521	3/12/2008 21:31	11.77	46.711	30.27	8.69	7.89	4.4	1.82
522	3/12/2008 21:46	11.75	46.819	30.34	8.72	7.89	4.5	1.84
523	3/12/2008 22:01	11.75	46.763	30.3	8.71	7.89	4.3	1.89
524	3/12/2008 22:16	11.69	46.726	30.27	8.8	7.89	5.4	1.98
525	3/12/2008 22:31	11.62	46.473	30.09	8.84	7.89	5.6	2.01
526	3/12/2008 22:46	11.55	46.530	30.13	8.88	7.89	6.9	2.09
527	3/12/2008 23:01	11.57	46.830	30.34	8.87	7.89	4.7	2.16
528	3/12/2008 23:16	11.54	47.290	30.67	8.87	7.89	4.6	2.23
529	3/12/2008 23:31	11.41	47.561	30.86	8.95	7.89	5.0	2.30
530	3/12/2008 23:46	11.26	47.828	31.05	9.04	7.89	5.0	2.36
531	3/13/2008 0:01	11.12	48.112	31.25	9.12	7.89	5.0	2.43
532	3/13/2008 0:16	11.01	48.412	31.46	9.18	7.89	4.9	2.51
533	3/13/2008 0:31	10.97	48.203	31.3	9.22	7.89	4.8	2.58
534	3/13/2008 0:46	10.89	48.283	31.36	9.25	7.89	5.8	2.66
535	3/13/2008 1:01	10.8	48.551	31.54	9.3	7.89	6.9	2.74
536	3/13/2008 1:16	10.69	48.727	31.66	9.36	7.89	7.3	2.81
537	3/13/2008 1:31	10.6	48.788	31.7	9.42	7.9	7.1	2.89
538	3/13/2008 1:46	10.53	48.995	31.85	9.45	7.9	6.3	2.98
539	3/13/2008 2:01	10.45	48.868	31.75	9.48	7.9	6.2	3.04

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	3/13/2008 2:16	10.35	49.199	31.99	9.51	7.91	6.1	3.11
541	3/13/2008 2:31	10.31	49.308	32.06	9.51	7.91	5.3	3.17
542	3/13/2008 2:46	10.27	49.412	32.13	9.48	7.91	5.1	3.22
543	3/13/2008 3:01	10.26	49.124	31.93	9.46	7.9	4.6	3.26
544	3/13/2008 3:16	10.25	49.041	31.87	9.38	7.9	2.6	3.27
545	3/13/2008 3:31	10.34	49.375	32.11	9.24	7.9	3.7	3.29
546	3/13/2008 3:46	10.29	49.189	31.97	9.28	7.9	3.5	3.28
547	3/13/2008 4:01	10.24	49.321	32.07	9.37	7.91	5.0	3.25
548	3/13/2008 4:16	10.53	48.884	31.77	9.25	7.89	3.8	3.19
549	3/13/2008 4:31	10.63	48.449	31.46	9.18	7.88	4.4	3.14
550	3/13/2008 4:46	10.65	48.554	31.54	9.15	7.88	4.5	3.07
551	3/13/2008 5:01	10.73	48.442	31.46	9.1	7.88	4.3	2.97
552	3/13/2008 5:16	10.76	48.340	31.39	9.08	7.88	6.1	2.88
553	3/13/2008 5:31	10.78	48.471	31.49	9.04	7.87	4.5	2.78
554	3/13/2008 5:46	10.84	48.246	31.33	8.96	7.87	4.5	2.68
555	3/13/2008 6:01	10.91	47.893	31.08	8.9	7.87	5.0	2.56
556	3/13/2008 6:16	10.94	47.555	30.83	8.91	7.87	5.6	2.45
557	3/13/2008 6:31	10.96	47.487	30.79	8.87	7.87	4.9	2.36
558	3/13/2008 6:46	10.97	47.315	30.66	8.85	7.87	5.4	2.23
559	3/13/2008 7:01	11.15	46.723	30.25	8.72	7.87	5.5	2.12
560	3/13/2008 7:16	11.23	46.904	30.38	8.71	7.87	5.3	2.01
561	3/13/2008 7:31	11.23	46.700	30.23	8.7	7.87	4.5	1.88
562	3/13/2008 7:46	11.27	46.677	30.22	8.69	7.87	4.9	1.75
563	3/13/2008 8:01	11.46	46.717	30.26	8.65	7.88	5.0	1.61
564	3/13/2008 8:16	11.58	46.289	29.96	8.62	7.88	4.8	1.50
565	3/13/2008 8:31	11.64	46.384	30.03	8.6	7.88	5.0	1.37
566	3/13/2008 8:46	11.72	46.211	29.91	8.49	7.87	5.1	1.25
567	3/13/2008 9:01	11.79	46.193	29.9	8.43	7.88	4.7	1.15
568	3/13/2008 9:16	11.87	46.024	29.78	8.4	7.87	4.3	1.05
569	3/13/2008 9:31	11.93	45.989	29.76	8.31	7.87	3.8	0.97
570	3/13/2008 9:46	11.97	45.837	29.65	8.26	7.87	2.9	0.89
571	3/13/2008 10:01	12.01	45.870	29.67	8.06	7.86	2.3	0.87
572	3/13/2008 10:16	12.04	45.766	29.6	8.3	7.86	3.6	0.86
573	3/13/2008 10:31	12.02	45.836	29.65	8.4	7.88	4.5	0.85
574	3/13/2008 10:46	11.99	46.069	29.82	8.42	7.88	4.5	0.90
575	3/13/2008 11:01	11.99	45.918	29.71	8.43	7.88	5.1	0.93
576	3/13/2008 11:16	12.01	45.840	29.65	8.45	7.88	5.4	0.99
577	3/13/2008 11:31	12.1	44.636	28.79	8.49	7.86	6.5	1.05
578	3/13/2008 11:46	12.05	45.019	29.07	8.44	7.86	6.0	1.11
579	3/13/2008 12:01	12.03	45.056	29.09	8.43	7.87	6.2	1.18
580	3/13/2008 12:16	11.94	45.177	29.17	8.41	7.86	5.3	1.26
581	3/13/2008 12:31	11.9	45.333	29.28	8.37	7.86	5.0	1.30
582	3/13/2008 12:46	11.89	45.370	29.31	8.38	7.86	4.9	1.36
583	3/13/2008 13:01	11.87	45.335	29.28	8.37	7.86	4.8	1.43
584	3/13/2008 13:16	11.82	45.666	29.52	8.36	7.86	4.2	1.51

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	3/13/2008 13:31	11.91	45.187	29.18	8.43	7.86	5.0	1.58
586	3/13/2008 13:46	12.01	45.363	29.31	8.53	7.86	5.5	1.65
587	3/13/2008 14:01	11.76	46.547	30.15	8.65	7.87	4.9	1.73
588	3/13/2008 14:16	11.68	46.819	30.34	8.68	7.87	4.6	1.82
589	3/13/2008 14:31	11.73	46.808	30.34	8.71	7.88	4.2	1.88
590	3/13/2008 14:46	11.69	47.032	30.49	8.73	7.88	4.0	1.95
591	3/13/2008 15:01	11.7	46.950	30.44	8.77	7.88	4.2	2.03
592	3/13/2008 15:16	11.66	47.052	30.51	8.8	7.88	4.3	2.09
593	3/13/2008 15:31	11.61	46.912	30.4	8.85	7.88	4.4	2.16
594	3/13/2008 15:46	11.57	47.260	30.65	8.9	7.88	4.1	2.21
595	3/13/2008 16:01	11.5	46.552	30.14	8.96	7.88	4.4	2.25
596	3/13/2008 16:16	11.47	47.510	30.83	8.96	7.88	4.0	2.30
597	3/13/2008 16:31	11.47	47.484	30.81	9.03	7.89	3.8	2.34
598	3/13/2008 16:46	11.47	47.516	30.83	9.06	7.89	4.0	2.38
599	3/13/2008 17:01	11.46	47.674	30.95	9.08	7.89	4.3	2.42
600	3/13/2008 17:16	11.44	47.873	31.09	9.04	7.89	3.7	2.45
601	3/13/2008 17:31	11.44	47.908	31.11	8.94	7.88	2.4	2.45
602	3/13/2008 17:46	11.45	47.865	31.08	8.57	7.87	2.0	2.47
603	3/13/2008 18:01	11.45	47.633	30.92	8.85	7.88	2.5	2.46
604	3/13/2008 18:16	11.44	47.651	30.93	8.76	7.87	1.8	2.42
605	3/13/2008 18:31	11.43	47.683	30.95	8.82	7.88	2.4	2.41
606	3/13/2008 18:46	11.42	47.267	30.65	8.88	7.88	3.0	2.37
607	3/13/2008 19:01	11.44	47.546	30.85	9	7.89	3.5	2.31
608	3/13/2008 19:16	11.48	47.455	30.79	9.02	7.9	3.7	2.28
609	3/13/2008 19:31	11.56	47.335	30.71	9.04	7.91	3.1	2.21
610	3/13/2008 19:46	11.6	47.094	30.54	9.02	7.91	2.4	2.16
611	3/13/2008 20:01	11.74	47.148	30.58	9	7.92	2.3	2.10
612	3/13/2008 20:16	11.87	47.003	30.48	8.92	7.93	2.1	2.04
613	3/13/2008 20:31	11.95	47.126	30.57	8.82	7.92	2.2	2.05
614	3/13/2008 20:46	11.97	47.179	30.61	8.69	7.91	2.3	1.98
615	3/13/2008 21:01	11.96	46.979	30.47	8.64	7.91	1.9	1.94
616	3/13/2008 21:16	11.89	46.550	30.16	8.54	7.89	1.9	1.95
617	3/13/2008 21:31	11.87	46.746	30.3	8.16	7.86	1.1	1.93
618	3/13/2008 21:46	11.87	46.352	30.01	8.43	7.89	2.7	1.92
619	3/13/2008 22:01	11.9	46.790	30.33	8.76	7.92	3.5	1.95
620	3/13/2008 22:16	11.86	46.909	30.41	8.83	7.91	3.3	1.96
621	3/13/2008 22:31	11.8	46.830	30.35	8.82	7.9	4.0	2.00
622	3/13/2008 22:46	11.72	46.739	30.29	8.79	7.9	4.2	2.02
623	3/13/2008 23:01	11.68	46.703	30.26	8.8	7.89	3.9	2.07
624	3/13/2008 23:16	11.58	46.649	30.21	8.8	7.89	4.5	2.11
625	3/13/2008 23:31	11.62	47.144	30.57	8.75	7.89	4.3	2.16
626	3/13/2008 23:46	11.53	47.012	30.47	8.78	7.88	4.2	2.22
627	3/14/2008 0:01	11.4	46.984	30.45	8.84	7.88	4.5	2.26
628	3/14/2008 0:16	11.33	47.610	30.89	8.86	7.88	4.0	2.32
629	3/14/2008 0:31	11.27	47.476	30.79	8.9	7.88	4.0	2.37

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
630	3/14/2008 0:46	11.25	47.783	31.01	8.91	7.88	3.9	2.43
631	3/14/2008 1:01	11.18	47.975	31.15	8.98	7.89	3.7	2.50
632	3/14/2008 1:16	11.13	47.875	31.07	9.04	7.89	4.2	2.55
633	3/14/2008 1:31	11.08	48.230	31.33	9.06	7.89	4.0	2.60
634	3/14/2008 1:46	11.05	48.283	31.36	9.09	7.89	4.1	2.67
635	3/14/2008 2:01	10.97	48.305	31.38	9.15	7.9	5.0	2.74
636	3/14/2008 2:16	10.91	48.555	31.55	9.17	7.9	4.5	2.78
637	3/14/2008 2:31	10.84	48.564	31.56	9.21	7.9	4.5	2.87
638	3/14/2008 2:46	10.77	48.782	31.71	9.26	7.91	4.9	2.96
639	3/14/2008 3:01	10.71	48.876	31.77	9.29	7.91	4.8	3.00
640	3/14/2008 3:16	10.65	48.773	31.7	9.29	7.91	4.8	3.04
641	3/14/2008 3:31	10.59	48.853	31.75	9.28	7.91	3.8	3.09
642	3/14/2008 3:46	10.53	48.799	31.71	9.28	7.91	3.5	3.13
643	3/14/2008 4:01	10.5	49.033	31.87	9.26	7.92	3.4	3.16
644	3/14/2008 4:16	10.49	49.007	31.86	9.15	7.91	2.5	3.18
645	3/14/2008 4:31	10.6	48.822	31.73	9.07	7.9	3.5	3.18
646	3/14/2008 4:46	10.58	48.995	31.85	9.09	7.9	2.4	3.19
647	3/14/2008 5:01	10.52	48.886	31.77	9.11	7.9	3.0	3.14
648	3/14/2008 5:16	10.56	48.731	31.66	9.09	7.9	4.2	3.11
649	3/14/2008 5:31	10.73	48.474	31.48	8.97	7.89	3.5	3.06
650	3/14/2008 5:46	10.82	47.819	31.02	8.89	7.88	4.9	3.00
651	3/14/2008 6:01	10.87	48.050	31.19	8.83	7.87	4.0	2.93
652	3/14/2008 6:16	10.85	47.946	31.11	8.85	7.87	4.2	2.83
653	3/14/2008 6:31	10.86	47.752	30.97	8.85	7.88	3.9	2.77
654	3/14/2008 6:46	10.9	47.496	30.79	8.84	7.87	4.8	2.65
655	3/14/2008 7:01	10.94	47.491	30.79	8.79	7.87	3.8	2.57
656	3/14/2008 7:16	11	47.321	30.67	8.75	7.87	4.1	2.48
657	3/14/2008 7:31	11.05	47.103	30.51	8.71	7.87	4.5	2.36
658	3/14/2008 7:46	11.04	47.412	30.74	8.73	7.87	4.6	2.28
659	3/14/2008 8:01	11.25	46.461	30.06	8.7	7.87	5.1	2.17
660	3/14/2008 8:16	11.25	46.448	30.05	8.74	7.87	4.2	2.04
661	3/14/2008 8:31	11.31	46.254	29.92	8.76	7.88	4.1	1.93
662	3/14/2008 8:46	11.4	45.868	29.65	8.77	7.88	4.3	1.83
663	3/14/2008 9:01	11.36	46.337	29.98	8.93	7.9	4.1	1.72
664	3/14/2008 9:16	11.49	46.243	29.92	8.91	7.9	5.0	1.59
665	3/14/2008 9:31	11.6	46.200	29.89	8.87	7.9	4.7	1.48
666	3/14/2008 9:46	11.7	45.930	29.7	8.9	7.91	4.8	1.36
667	3/14/2008 10:01	11.74	45.901	29.69	8.73	7.9	4.5	1.27
668	3/14/2008 10:16	11.76	45.687	29.53	8.65	7.89	3.6	1.17
669	3/14/2008 10:31	11.78	45.529	29.42	8.64	7.89	4.8	1.07
670	3/14/2008 10:46	11.86	45.619	29.49	8.49	7.88	5.1	1.02
671	3/14/2008 11:01	11.92	45.477	29.39	8.36	7.86	3.5	0.97
672	3/14/2008 11:16	11.95	45.552	29.44	8.1	7.86	2.4	0.92
673	3/14/2008 11:31	11.93	45.371	29.31	8.58	7.89	5.7	0.91
674	3/14/2008 11:46	11.88	45.433	29.36	8.5	7.89	4.8	0.91

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	3/14/2008 12:01	11.87	45.604	29.48	8.56	7.89	7.2	0.95
676	3/14/2008 12:16	11.89	45.647	29.51	8.66	7.89	9.9	0.99
677	3/14/2008 12:31	11.85	43.569	28.02	8.7	7.87	13.0	1.05
678	3/14/2008 12:46	11.85	43.275	27.81	8.67	7.87	10.0	1.07
679	3/14/2008 13:01	11.82	43.851	28.22	8.58	7.87	8.7	1.14
680	3/14/2008 13:16	11.79	45.060	29.08	8.53	7.88	6.1	1.19
681	3/14/2008 13:31	11.76	45.676	29.52	8.43	7.88	4.0	1.24
682	3/14/2008 13:46	11.74	45.185	29.17	8.46	7.87	5.3	1.32
683	3/14/2008 14:01	11.7	44.983	29.03	8.52	7.87	6.1	1.35
684	3/14/2008 14:16	11.71	44.709	28.83	8.55	7.87	5.6	1.41
685	3/14/2008 14:31	11.69	44.906	28.97	8.54	7.87	5.0	1.48
686	3/14/2008 14:46	11.66	45.199	29.18	8.53	7.87	4.5	1.55
687	3/14/2008 15:01	11.77	44.683	28.81	8.63	7.87	6.2	1.65
688	3/14/2008 15:16	11.71	45.380	29.31	8.71	7.88	5.7	1.73
689	3/14/2008 15:31	11.57	45.653	29.5	8.67	7.87	4.5	1.76
690	3/14/2008 15:46	11.53	46.217	29.9	8.7	7.88	4.5	1.85
691	3/14/2008 16:01	11.53	46.394	30.03	8.73	7.88	4.0	1.94
692	3/14/2008 16:16	11.53	46.332	29.98	8.76	7.88	3.7	2.00
693	3/14/2008 16:31	11.51	45.795	29.6	8.78	7.88	4.2	2.05
694	3/14/2008 16:46	11.43	46.653	30.21	8.72	7.88	4.2	2.13
695	3/14/2008 17:01	11.37	46.645	30.2	8.71	7.88	3.9	2.18
696	3/14/2008 17:16	11.32	46.580	30.15	8.71	7.87	4.2	2.23
697	3/14/2008 17:31	11.31	46.742	30.27	8.72	7.88	3.5	2.28
698	3/14/2008 17:46	11.28	46.149	29.84	8.81	7.88	5.2	2.33
699	3/14/2008 18:01	11.27	46.894	30.38	8.81	7.88	3.9	2.38
700	3/14/2008 18:16	11.27	47.099	30.52	8.85	7.88	4.2	2.41
701	3/14/2008 18:31	11.27	46.249	29.91	8.93	7.88	3.9	2.46
702	3/14/2008 18:46	11.27	47.095	30.52	8.77	7.88	2.8	2.47
703	3/14/2008 19:01	11.28	47.067	30.5	8.61	7.87	2.1	2.49
704	3/14/2008 19:16	11.26	47.157	30.56	8.68	7.87	2.5	2.49
705	3/14/2008 19:31	11.25	47.294	30.66	8.74	7.86	2.0	2.49
706	3/14/2008 19:46	11.25	46.931	30.4	8.72	7.88	2.8	2.45
707	3/14/2008 20:01	11.22	46.740	30.26	8.58	7.86	2.1	2.41
708	3/14/2008 20:16	11.18	46.758	30.27	8.47	7.85	2.3	2.38
709	3/14/2008 20:31	11.1	46.025	29.74	8.57	7.88	3.6	2.34
710	3/14/2008 20:46	11.22	46.292	29.94	8.5	7.86	3.5	2.31
711	3/14/2008 21:01	11.29	46.384	30.01	8.49	7.86	2.6	2.26
712	3/14/2008 21:16	11.33	46.440	30.05	8.41	7.86	2.3	2.23
713	3/14/2008 21:31	11.35	46.404	30.03	8.35	7.86	2.4	2.18
714	3/14/2008 21:46	11.35	46.308	29.96	8.33	7.84	1.8	2.15
715	3/14/2008 22:01	11.35	46.227	29.9	8.33	7.82	1.9	2.11
716	3/14/2008 22:16	11.32	46.131	29.83	8.31	7.84	2.0	2.09
717	3/14/2008 22:31	11.26	45.909	29.67	8.19	7.82	1.5	2.08
718	3/14/2008 22:46	11.25	45.640	29.48	8.11	7.83	2.3	2.02
719	3/14/2008 23:01	11.25	45.828	29.61	7.67	7.82	0.8	2.03

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	3/14/2008 23:16	11.28	45.571	29.43	8.18	7.85	2.4	2.06
721	3/14/2008 23:31	11.29	45.677	29.5	8.44	7.86	2.9	2.06
722	3/14/2008 23:46	11.3	46.048	29.77	8.51	7.87	3.7	2.05
723	3/15/2008 0:01	11.32	46.028	29.76	8.56	7.87	4.6	2.08
724	3/15/2008 0:16	11.35	46.279	29.94	8.57	7.87	3.8	2.10
725	3/15/2008 0:31	11.31	46.121	29.82	8.56	7.86	3.7	2.13
726	3/15/2008 0:46	11.28	46.402	30.02	8.54	7.86	5.0	2.16
727	3/15/2008 1:01	11.27	46.151	29.84	8.56	7.86	4.3	2.19
728	3/15/2008 1:16	11.26	46.211	29.88	8.58	7.86	3.9	2.22
729	3/15/2008 1:31	11.22	46.401	30.02	8.62	7.87	4.1	2.30
730	3/15/2008 1:46	11.19	46.040	29.76	8.72	7.87	4.2	2.33
731	3/15/2008 2:01	11.15	46.396	30.01	8.75	7.87	4.2	2.40
732	3/15/2008 2:16	11.11	46.759	30.27	8.83	7.88	4.1	2.45
733	3/15/2008 2:31	11.06	47.018	30.45	8.91	7.88	3.9	2.49
734	3/15/2008 2:46	11	47.170	30.56	8.97	7.89	3.9	2.56
735	3/15/2008 3:01	10.97	47.467	30.77	9.02	7.89	4.0	2.59
736	3/15/2008 3:16	10.96	47.646	30.9	9.05	7.89	3.6	2.67
737	3/15/2008 3:31	10.88	47.408	30.72	9.09	7.89	4.4	2.72
738	3/15/2008 3:46	10.92	47.862	31.05	9.08	7.89	4.1	2.78
739	3/15/2008 4:01	10.87	47.960	31.12	9.11	7.9	4.2	2.85
740	3/15/2008 4:16	10.84	47.874	31.06	9.16	7.9	3.9	2.89
741	3/15/2008 4:31	10.78	48.133	31.24	9.18	7.9	3.5	2.96
742	3/15/2008 4:46	10.73	48.022	31.16	9.2	7.9	3.5	2.98
743	3/15/2008 5:01	10.68	47.890	31.06	9.23	7.91	4.2	3.02
744	3/15/2008 5:16	10.48	47.491	30.76	9.22	7.91	3.7	3.03
745	3/15/2008 5:31	10.46	47.505	30.77	9.03	7.9	2.9	3.04
746	3/15/2008 5:46	10.72	47.784	30.99	8.54	7.87	2.1	3.06
747	3/15/2008 6:01	10.73	48.056	31.18	8.71	7.88	2.3	3.06
748	3/15/2008 6:16	10.69	48.007	31.15	9	7.89	2.9	3.04
749	3/15/2008 6:31	10.7	48.012	31.15	8.99	7.89	2.9	3.01
750	3/15/2008 6:46	10.77	47.978	31.13	8.92	7.89	2.8	2.97
751	3/15/2008 7:01	10.81	47.608	30.87	8.87	7.88	3.5	2.91
752	3/15/2008 7:16	10.73	46.283	29.91	8.92	7.88	4.1	2.83
753	3/15/2008 7:31	10.59	44.779	28.83	8.73	7.86	5.8	2.76
754	3/15/2008 7:46	10.68	45.878	29.62	8.73	7.86	5.1	2.68
755	3/15/2008 8:01	10.73	45.740	29.52	8.74	7.86	4.6	2.61
756	3/15/2008 8:16	10.79	46.234	29.88	8.8	7.87	4.9	2.50
757	3/15/2008 8:31	10.83	45.982	29.7	8.72	7.86	4.3	2.41
758	3/15/2008 8:46	10.89	45.418	29.3	8.68	7.86	5.2	2.33
759	3/15/2008 9:01	10.95	45.986	29.71	8.65	7.87	5.6	2.21
760	3/15/2008 9:16	10.98	45.567	29.41	8.68	7.87	5.0	2.11
761	3/15/2008 9:31	11.02	45.591	29.43	8.71	7.87	4.4	2.02
762	3/15/2008 9:46	11.08	45.077	29.07	8.84	7.88	4.4	1.91
763	3/15/2008 10:01	11.14	45.143	29.12	8.72	7.87	4.2	1.80
764	3/15/2008 10:16	11.21	44.717	28.81	8.79	7.88	4.3	1.66

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	3/15/2008 10:31	11.31	44.801	28.88	8.84	7.88	3.8	1.54
766	3/15/2008 10:46	11.44	45.070	29.08	8.8	7.89	3.1	1.42
767	3/15/2008 11:01	11.57	45.193	29.17	8.87	7.89	3.6	1.31
768	3/15/2008 11:16	11.69	45.052	29.07	8.86	7.9	2.8	1.23
769	3/15/2008 11:31	11.71	44.889	28.96	8.74	7.89	2.3	1.12
770	3/15/2008 11:46	11.77	44.708	28.83	8.73	7.89	2.1	1.04
771	3/15/2008 12:01	11.81	44.692	28.82	8.65	7.89	1.8	0.96
772	3/15/2008 12:16	11.86	44.666	28.81	8.34	7.86	1.1	0.92
773	3/15/2008 12:31	11.88	44.790	28.9	7.82	7.83	1.5	0.89
774	3/15/2008 12:46	11.82	44.815	28.91	8.94	7.91	2.9	0.89
775	3/15/2008 13:01	11.75	44.712	28.83	8.9	7.91	3.1	0.88
776	3/15/2008 13:16	11.78	44.957	29.01	8.9	7.9	3.5	0.92
777	3/15/2008 13:31	11.86	44.851	28.94	9	7.91	3.4	0.95
778	3/15/2008 13:46	11.93	44.673	28.81	8.84	7.9	3.1	0.97
779	3/15/2008 14:01	11.86	44.613	28.77	8.84	7.9	3.4	1.02
780	3/15/2008 14:16	11.96	44.396	28.62	8.96	7.91	4.2	1.09
781	3/15/2008 14:31	11.87	44.589	28.75	8.88	7.9	3.7	1.12
782	3/15/2008 14:46	11.96	44.433	28.64	8.85	7.9	2.9	1.16
783	3/15/2008 15:01	11.88	44.263	28.52	8.86	7.9	4.0	1.24
784	3/15/2008 15:16	11.75	44.374	28.59	8.86	7.89	4.4	1.31
785	3/15/2008 15:31	11.65	44.386	28.6	8.83	7.89	4.2	1.36
786	3/15/2008 15:46	11.57	44.472	28.66	8.76	7.88	4.4	1.44
787	3/15/2008 16:01	11.47	44.586	28.73	8.72	7.87	5.0	1.52
788	3/15/2008 16:16	11.45	44.541	28.7	8.69	7.87	5.1	1.61
789	3/15/2008 16:31	11.38	44.544	28.7	8.65	7.87	4.9	1.69
790	3/15/2008 16:46	11.33	44.095	28.38	8.68	7.87	5.3	1.74
791	3/15/2008 17:01	11.28	44.363	28.57	8.66	7.87	5.0	1.82
792	3/15/2008 17:16	11.22	44.228	28.47	8.74	7.87	5.6	1.93
793	3/15/2008 17:31	11.18	44.459	28.63	8.76	7.87	5.2	2.00
794	3/15/2008 17:46	11.16	44.300	28.51	8.78	7.87	5.4	2.06
795	3/15/2008 18:01	11.08	44.933	28.96	8.75	7.87	5.1	2.13
796	3/15/2008 18:16	11.07	45.081	29.07	8.74	7.87	4.5	2.19
797	3/15/2008 18:31	11.1	44.817	28.88	8.78	7.87	5.0	2.24
798	3/15/2008 18:46	11.1	44.712	28.81	8.8	7.87	4.9	2.28
799	3/15/2008 19:01	11.1	43.691	28.08	8.78	7.87	4.7	2.34
800	3/15/2008 19:16	11.17	43.907	28.24	8.84	7.87	5.4	2.39
801	3/15/2008 19:31	11.06	44.901	28.94	8.68	7.86	4.1	2.42
802	3/15/2008 19:46	11.05	45.287	29.21	8.58	7.86	3.5	2.45
803	3/15/2008 20:01	11.05	45.054	29.05	8.33	7.84	2.0	2.48
804	3/15/2008 20:16	11.04	45.084	29.07	8.03	7.83	3.2	2.49
805	3/15/2008 20:31	11	45.234	29.17	8.22	7.87	2.8	2.47
806	3/15/2008 20:46	10.95	45.081	29.06	8.5	7.88	4.6	2.46
807	3/15/2008 21:01	11	45.215	29.16	8.53	7.86	3.5	2.46
808	3/15/2008 21:16	10.99	44.480	28.64	8.6	7.86	7.5	2.43
809	3/15/2008 21:31	11.02	44.903	28.94	8.47	7.85	5.7	2.40

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	3/15/2008 21:46	10.95	44.822	28.88	8.6	7.86	5.9	2.35
811	3/15/2008 22:01	10.98	44.840	28.89	8.55	7.85	5.6	2.30
812	3/15/2008 22:16	10.96	44.674	28.77	8.61	7.86	7.5	2.25
813	3/15/2008 22:31	10.94	44.287	28.5	8.65	7.86	10.4	2.20
814	3/15/2008 22:46	10.9	44.618	28.73	8.65	7.87	9.3	2.17
815	3/15/2008 23:01	10.77	44.527	28.66	8.76	7.88	14.0	2.10
816	3/15/2008 23:16	10.58	44.411	28.57	8.75	7.87	13.7	2.06
817	3/15/2008 23:31	10.59	44.493	28.62	8.7	7.87	14.1	2.04
818	3/15/2008 23:46	10.53	44.428	28.58	8.65	7.86	8.1	2.00
819	3/16/2008 0:01	10.42	43.484	27.9	8.79	7.87	13.8	1.97
820	3/16/2008 0:16	10.44	44.224	28.43	8.63	7.86	9.7	1.97
821	3/16/2008 0:31	10.51	44.128	28.36	8.45	7.85	10.4	1.94
822	3/16/2008 0:46	10.62	44.285	28.48	8.47	7.84	7.6	1.91
823	3/16/2008 1:01	10.62	44.204	28.42	8.34	7.84	7.8	1.91
824	3/16/2008 1:16	10.79	43.910	28.22	8.62	7.85	7.6	1.94
825	3/16/2008 1:31	10.97	43.781	28.14	8.73	7.86	11.7	1.93
826	3/16/2008 1:46	10.92	43.912	28.23	8.79	7.87	12.9	1.97
827	3/16/2008 2:01	10.95	43.797	28.15	8.78	7.87	13.7	2.02
828	3/16/2008 2:16	10.87	44.168	28.41	8.78	7.87	11.5	2.06
829	3/16/2008 2:31	10.86	44.217	28.44	8.76	7.87	11.0	2.09
830	3/16/2008 2:46	10.87	44.189	28.42	8.79	7.87	11.2	2.14
831	3/16/2008 3:01	10.87	43.741	28.1	8.83	7.87	12.9	2.18
832	3/16/2008 3:16	10.9	43.991	28.28	8.78	7.87	10.8	2.24
833	3/16/2008 3:31	10.89	44.360	28.54	8.76	7.87	11.3	2.30
834	3/16/2008 3:46	10.86	44.398	28.57	8.82	7.87	8.5	2.35
835	3/16/2008 4:01	10.86	44.890	28.92	8.85	7.88	8.8	2.42
836	3/16/2008 4:16	10.73	45.281	29.19	8.93	7.88	10.5	2.48
837	3/16/2008 4:31	10.68	45.329	29.22	9.03	7.89	9.7	2.55
838	3/16/2008 4:46	10.65	45.674	29.47	9.09	7.89	8.4	2.61
839	3/16/2008 5:01	10.59	45.539	29.37	9.15	7.9	8.7	2.66
840	3/16/2008 5:16	10.57	45.959	29.67	9.15	7.9	6.8	2.72
841	3/16/2008 5:31	10.53	45.882	29.61	9.17	7.9	6.5	2.77
842	3/16/2008 5:46	10.49	45.842	29.58	9.17	7.9	6.7	2.83
843	3/16/2008 6:01	10.45	45.883	29.61	9.03	7.89	4.6	2.87
844	3/16/2008 6:16	10.29	44.999	28.97	8.78	7.87	5.6	2.91
845	3/16/2008 6:31	10.26	44.826	28.84	8.57	7.86	3.4	2.94
846	3/16/2008 6:46	10.19	45.051	29	8.72	7.87	7.8	2.96
847	3/16/2008 7:01	10.18	45.071	29.01	8.8	7.87	6.7	2.97
848	3/16/2008 7:16	10.23	44.519	28.62	8.91	7.88	8.0	2.94
849	3/16/2008 7:31	10.22	44.308	28.47	8.96	7.88	8.6	2.93
850	3/16/2008 7:46	10.25	44.135	28.35	8.98	7.88	7.5	2.90
851	3/16/2008 8:01	10.27	43.777	28.1	9	7.88	8.6	2.84
852	3/16/2008 8:16	10.36	44.138	28.36	8.91	7.88	7.2	2.78
853	3/16/2008 8:31	10.51	44.678	28.75	8.83	7.87	7.0	2.71
854	3/16/2008 8:46	10.53	44.811	28.85	8.99	7.88	7.9	2.63

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	3/16/2008 9:01	10.44	44.219	28.42	9.31	7.91	9.2	2.55
856	3/16/2008 9:16	10.42	45.390	29.26	9.69	7.94	8.5	2.45
857	3/16/2008 9:31	10.5	45.164	29.1	9.63	7.94	10.3	2.37
858	3/16/2008 9:46	10.6	45.195	29.13	9.64	7.94	9.3	2.27
859	3/16/2008 10:01	10.71	44.966	28.97	9.41	7.92	15.6	2.16
860	3/16/2008 10:16	10.79	44.579	28.7	9.25	7.9	14.6	2.08
861	3/16/2008 10:31	10.88	44.263	28.48	9.47	7.92	16.6	1.96
862	3/16/2008 10:46	11.05	44.200	28.44	9.38	7.94	20.0	1.85
863	3/16/2008 11:01	11	43.055	27.62	9.24	7.9	20.5	1.74
864	3/16/2008 11:16	11.17	44.011	28.31	9.27	7.92	17.7	1.63
865	3/16/2008 11:31	11.24	43.801	28.16	9.22	7.91	20.3	1.50
866	3/16/2008 11:46	11.23	43.582	28.01	9.12	7.91	23.1	1.38
867	3/16/2008 12:01	11.23	43.421	27.89	9.04	7.9	19.1	1.27
868	3/16/2008 12:16	11.26	42.901	27.52	9.03	7.9	16.9	1.16
869	3/16/2008 12:31	11.18	42.889	27.51	8.96	7.88	14.1	1.04
870	3/16/2008 12:46	11.23	42.597	27.31	8.94	7.89	10.4	0.97
871	3/16/2008 13:01	11.29	42.532	27.26	8.86	7.88	10.0	0.88
872	3/16/2008 13:16	11.32	42.327	27.12	8.61	7.86	5.4	0.84
873	3/16/2008 13:31	11.35	42.460	27.22	8.46	7.84	6.3	0.79
874	3/16/2008 13:46	11.35	42.170	27.01	7.78	7.8	2.4	0.76
875	3/16/2008 14:01	11.39	42.271	27.08	8.74	7.86	9.3	0.78
876	3/16/2008 14:16	11.37	41.812	26.76	8.89	7.87	11.2	0.79
877	3/16/2008 14:31	11.43	41.681	26.67	8.56	7.85	10.1	0.80
878	3/16/2008 14:46	11.45	41.596	26.61	8.71	7.85	9.3	0.85
879	3/16/2008 15:01	11.49	41.502	26.54	8.67	7.84	10.8	0.88
880	3/16/2008 15:16	11.43	42.201	27.04	8.71	7.85	7.4	0.92
881	3/16/2008 15:31	11.32	42.204	27.03	8.88	7.87	8.5	0.97
882	3/16/2008 15:46	11.23	42.154	26.99	8.91	7.87	10.6	1.03
883	3/16/2008 16:01	11.22	42.496	27.24	8.87	7.87	10.0	1.09
884	3/16/2008 16:16	11.3	42.396	27.17	8.96	7.88	12.2	1.16
885	3/16/2008 16:31	11.37	42.324	27.12	9.04	7.88	11.6	1.24
886	3/16/2008 16:46	11.34	42.204	27.03	9.01	7.88	12.3	1.31
887	3/16/2008 17:01	11.21	42.524	27.26	8.88	7.87	11.1	1.41
888	3/16/2008 17:16	11.13	42.849	27.48	8.89	7.87	10.8	1.49
889	3/16/2008 17:31	10.99	43.651	28.04	8.94	7.88	10.3	1.58
890	3/16/2008 17:46	10.94	43.569	27.98	9.01	7.88	10.1	1.66
891	3/16/2008 18:01	10.85	44.018	28.3	9.02	7.89	8.3	1.74
892	3/16/2008 18:16	10.84	43.887	28.21	9.05	7.89	9.2	1.85
893	3/16/2008 18:31	10.8	44.054	28.32	9.09	7.89	9.3	1.91
894	3/16/2008 18:46	10.81	43.818	28.16	9.1	7.89	10.1	1.99
895	3/16/2008 19:01	10.74	44.077	28.34	9.11	7.89	9.0	2.09
896	3/16/2008 19:16	10.75	43.782	28.13	9.13	7.89	9.7	2.15
897	3/16/2008 19:31	10.72	43.935	28.23	9.13	7.89	8.8	2.21
898	3/16/2008 19:46	10.7	44.265	28.47	9.11	7.89	8.4	2.28
899	3/16/2008 20:01	10.7	44.055	28.32	9.11	7.89	7.9	2.33

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
900	3/16/2008 20:16	10.68	44.729	28.8	9.07	7.89	6.4	2.38
901	3/16/2008 20:31	10.68	44.787	28.84	9.04	7.89	6.2	2.43
902	3/16/2008 20:46	10.68	44.579	28.69	8.97	7.89	5.2	2.45
903	3/16/2008 21:01	10.53	44.333	28.51	8.42	7.85	2.4	2.49
904	3/16/2008 21:16	10.19	43.627	27.99	8.73	7.89	7.9	2.50
905	3/16/2008 21:31	10.59	44.368	28.54	8.37	7.85	3.5	2.52
906	3/16/2008 21:46	10.64	44.757	28.82	8.7	7.87	4.6	2.50
907	3/16/2008 22:01	10.64	44.683	28.76	8.69	7.87	4.4	2.48
908	3/16/2008 22:16	10.65	44.260	28.46	8.74	7.87	5.3	2.44
909	3/16/2008 22:31	10.57	43.646	28.02	8.85	7.87	9.5	2.40
910	3/16/2008 22:46	10.58	43.839	28.16	8.78	7.87	8.2	2.34
911	3/16/2008 23:01	10.53	42.666	27.32	8.94	7.88	9.6	2.29
912	3/16/2008 23:16	10.5	43.457	27.88	8.98	7.88	9.5	2.24
913	3/16/2008 23:31	10.47	43.351	27.81	8.96	7.88	8.6	2.16
914	3/16/2008 23:46	10.5	43.423	27.86	8.94	7.88	7.9	2.09
915	3/17/2008 0:01	10.46	43.348	27.8	8.92	7.88	7.5	2.04
916	3/17/2008 0:16	10.43	43.374	27.82	8.86	7.87	6.8	1.96
917	3/17/2008 0:31	10.38	42.227	27.01	8.77	7.86	6.1	1.91
918	3/17/2008 0:46	10.46	43.151	27.67	8.73	7.86	6.8	1.87
919	3/17/2008 1:01	10.49	43.029	27.58	8.7	7.86	5.5	1.81
920	3/17/2008 1:16	10.49	43.006	27.56	8.63	7.85	6.7	1.77
921	3/17/2008 1:31	10.53	42.812	27.43	8.52	7.84	4.9	1.78
922	3/17/2008 1:46	10.55	43.224	27.72	8.49	7.84	4.7	1.74
923	3/17/2008 2:01	10.49	43.044	27.59	8.53	7.84	4.1	1.73
924	3/17/2008 2:16	10.49	42.875	27.47	8.68	7.85	7.8	1.75
925	3/17/2008 2:31	10.52	42.852	27.46	8.74	7.86	7.3	1.77
926	3/17/2008 2:46	10.49	43.100	27.63	8.82	7.87	7.4	1.79
927	3/17/2008 3:01	10.49	43.248	27.74	8.82	7.87	7.3	1.82
928	3/17/2008 3:16	10.49	42.151	26.96	8.88	7.87	7.0	1.87
929	3/17/2008 3:31	10.48	42.748	27.38	8.91	7.87	9.0	1.92
930	3/17/2008 3:46	10.55	43.142	27.66	8.88	7.87	8.0	1.96
931	3/17/2008 4:01	10.53	43.267	27.75	8.93	7.87	8.1	2.03
932	3/17/2008 4:16	10.54	42.345	27.1	9.01	7.88	8.6	2.09
933	3/17/2008 4:31	10.55	43.737	28.08	8.98	7.88	8.0	2.16
934	3/17/2008 4:46	10.54	44.095	28.34	9	7.88	7.2	2.21
935	3/17/2008 5:01	10.53	43.866	28.18	9.04	7.88	7.0	2.29
936	3/17/2008 5:16	10.5	44.040	28.3	9.05	7.89	7.6	2.35
937	3/17/2008 5:31	10.47	44.257	28.45	9.08	7.89	6.7	2.41
938	3/17/2008 5:46	10.5	44.413	28.56	9.1	7.89	8.6	2.49
939	3/17/2008 6:01	10.42	44.551	28.66	9.15	7.9	10.8	2.55
940	3/17/2008 6:16	10.4	44.499	28.62	9.16	7.89	7.1	2.61
941	3/17/2008 6:31	10.35	44.751	28.8	9.2	7.89	7.1	2.68
942	3/17/2008 6:46	10.28	45.377	29.24	9.19	7.89	7.3	2.75
943	3/17/2008 7:01	10.21	45.625	29.41	9.22	7.89	7.4	2.80
944	3/17/2008 7:16	10.16	45.791	29.53	9.21	7.89	6.4	2.86

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
945	3/17/2008 7:31	10.09	45.959	29.64	9.2	7.89	5.7	2.91
946	3/17/2008 7:46	10.04	46.283	29.87	9.17	7.89	5.2	2.95
947	3/17/2008 8:01	10.02	46.657	30.14	9.08	7.88	5.6	2.97
948	3/17/2008 8:16	10.03	47.269	30.58	8.74	7.86	4.2	2.99
949	3/17/2008 8:31	10.07	47.323	30.62	8.85	7.87	5.3	2.98
950	3/17/2008 8:46	10.06	47.690	30.88	8.98	7.88	5.9	2.95
951	3/17/2008 9:01	10.36	45.671	29.45	9.11	7.89	7.0	2.91
952	3/17/2008 9:16	10.5	43.869	28.18	9.2	7.89	7.0	2.85
953	3/17/2008 9:31	10.57	44.425	28.58	9.16	7.89	6.2	2.78
954	3/17/2008 9:46	10.46	43.956	28.24	9.19	7.89	6.9	2.69
955	3/17/2008 10:01	10.46	45.316	29.2	9.11	7.89	9.1	2.60
956	3/17/2008 10:16	10.65	44.775	28.83	9.3	7.91	7.9	2.51
957	3/17/2008 10:31	10.81	43.739	28.1	9.56	7.92	6.3	2.41
958	3/17/2008 10:46	10.84	44.591	28.71	9.56	7.92	6.7	2.31
959	3/17/2008 11:01	10.87	44.366	28.55	9.5	7.92	8.0	2.21
960	3/17/2008 11:16	10.9	42.978	27.56	9.37	7.91	12.1	2.10
961	3/17/2008 11:31	11.07	43.785	28.14	9.51	7.92	9.2	1.99
962	3/17/2008 11:46	11.2	43.527	27.97	9.4	7.91	8.2	1.86
963	3/17/2008 12:01	11.45	43.354	27.85	9.66	7.93	7.9	1.74
964	3/17/2008 12:16	11.67	43.179	27.74	9.87	7.95	8.3	1.62
965	3/17/2008 12:31	11.52	42.997	27.6	9.6	7.92	7.8	1.49
966	3/17/2008 12:46	11.7	42.283	27.1	9.63	7.94	7.6	1.38
967	3/17/2008 13:01	11.55	41.949	26.86	9.35	7.91	7.1	1.24
968	3/17/2008 13:16	11.59	42.510	27.26	9.32	7.91	7.8	1.13
969	3/17/2008 13:31	11.68	42.480	27.24	9.3	7.91	6.9	1.03
970	3/17/2008 13:46	11.72	42.320	27.13	9.24	7.9	4.8	0.92
971	3/17/2008 14:01	11.86	41.354	26.45	9.2	7.9	5.1	0.84
972	3/17/2008 14:16	12	42.117	27	9.01	7.88	6.1	0.79
973	3/17/2008 14:31	12.04	42.240	27.09	9.16	7.91	5.7	0.76
974	3/17/2008 14:46	11.5	41.717	26.7	9.15	7.88	5.1	0.75
975	3/17/2008 15:01	11.65	42.666	27.37	9.21	7.91	6.1	0.78
976	3/17/2008 15:16	11.89	42.466	27.24	9.47	7.92	6.7	0.81
977	3/17/2008 15:31	11.86	42.647	27.37	9.48	7.92	6.1	0.85
978	3/17/2008 15:46	11.84	42.604	27.34	9.39	7.92	5.7	0.89
979	3/17/2008 16:01	11.85	41.564	26.6	9.41	7.92	6.7	0.95
980	3/17/2008 16:16	11.77	42.416	27.2	9.3	7.91	6.4	1.01
981	3/17/2008 16:31	11.78	42.031	26.93	9.31	7.91	6.5	1.06
982	3/17/2008 16:46	11.74	42.259	27.09	9.3	7.91	6.7	1.12
983	3/17/2008 17:01	11.66	42.456	27.23	9.26	7.9	6.6	1.20
984	3/17/2008 17:16	11.58	42.390	27.18	9.23	7.9	6.5	1.26
985	3/17/2008 17:31	11.49	42.341	27.14	9.19	7.89	6.7	1.35
986	3/17/2008 17:46	11.38	41.877	26.8	9.19	7.89	6.2	1.44
987	3/17/2008 18:01	11.26	42.690	27.38	9.16	7.89	7.4	1.52
988	3/17/2008 18:16	11.18	41.551	26.57	9.23	7.89	7.9	1.63
989	3/17/2008 18:31	11.08	43.103	27.66	9.18	7.89	6.8	1.73

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
990	3/17/2008 18:46	11	43.801	28.15	9.18	7.9	7.3	1.82
991	3/17/2008 19:01	10.95	44.220	28.45	9.19	7.9	7.8	1.92
992	3/17/2008 19:16	10.9	44.433	28.6	9.22	7.9	8.0	2.02
993	3/17/2008 19:31	10.9	44.614	28.73	9.22	7.9	8.1	2.11
994	3/17/2008 19:46	10.87	44.557	28.68	9.22	7.9	9.3	2.20
995	3/17/2008 20:01	10.84	44.536	28.67	9.24	7.9	7.5	2.27
996	3/17/2008 20:16	10.78	44.743	28.81	9.24	7.9	8.7	2.34
997	3/17/2008 20:31	10.75	44.863	28.9	9.26	7.9	8.9	2.43
998	3/17/2008 20:46	10.7	45.226	29.15	9.24	7.9	9.2	2.47
999	3/17/2008 21:01	10.6	45.592	29.41	9.19	7.9	9.9	2.53
1000	3/17/2008 21:16	10.52	45.974	29.68	9.09	7.89	8.4	2.58
1001	3/17/2008 21:31	10.46	46.515	30.06	8.98	7.89	7.3	2.62
1002	3/17/2008 21:46	10.45	46.644	30.15	8.92	7.89	5.4	2.66
1003	3/17/2008 22:01	10.52	46.013	29.71	8.73	7.88	6.0	2.67
1004	3/17/2008 22:16	10.43	45.764	29.52	8.88	7.88	5.6	2.68
1005	3/17/2008 22:31	10.52	46.023	29.71	8.8	7.88	4.8	2.66
1006	3/17/2008 22:46	10.63	45.283	29.19	8.85	7.88	5.3	2.63
1007	3/17/2008 23:01	10.78	44.709	28.79	8.85	7.88	7.9	2.57
1008	3/17/2008 23:16	10.92	44.305	28.51	8.84	7.88	6.5	2.51
1009	3/17/2008 23:31	10.85	44.544	28.67	8.84	7.87	6.1	2.47
1010	3/17/2008 23:46	10.95	44.474	28.63	8.93	7.88	7.0	2.38
1011	3/18/2008 0:01	10.91	44.183	28.42	8.99	7.88	8.0	2.28
1012	3/18/2008 0:16	10.91	44.334	28.53	8.96	7.88	7.2	2.22
1013	3/18/2008 0:31	10.91	44.097	28.36	9	7.88	8.1	2.12
1014	3/18/2008 0:46	10.93	43.761	28.12	8.97	7.88	6.8	2.07
1015	3/18/2008 1:01	10.97	43.495	27.93	8.9	7.87	6.7	1.99
1016	3/18/2008 1:16	11.02	43.260	27.77	8.86	7.87	5.9	1.90
1017	3/18/2008 1:31	11.05	43.113	27.67	8.78	7.86	6.4	1.82
1018	3/18/2008 1:46	11.1	42.975	27.57	8.69	7.85	5.2	1.76
1019	3/18/2008 2:01	11.11	43.065	27.63	8.59	7.85	4.9	1.71
1020	3/18/2008 2:16	11.15	42.661	27.35	8.5	7.84	3.4	1.66
1021	3/18/2008 2:31	11.2	42.755	27.42	8.55	7.85	3.1	1.64
1022	3/18/2008 2:46	11.17	42.816	27.46	8.09	7.81	2.6	1.59
1023	3/18/2008 3:01	11.09	42.799	27.45	8.46	7.85	3.8	1.57
1024	3/18/2008 3:16	11.18	42.487	27.23	8.42	7.84	3.8	1.57
1025	3/18/2008 3:31	11.24	42.465	27.21	8.61	7.85	4.5	1.61
1026	3/18/2008 3:46	11.19	42.509	27.24	8.73	7.86	4.8	1.65
1027	3/18/2008 4:01	11.06	43.219	27.74	8.75	7.86	6.2	1.69
1028	3/18/2008 4:16	11.02	43.225	27.74	8.79	7.86	6.1	1.74
1029	3/18/2008 4:31	11.11	42.559	27.28	8.77	7.86	6.5	1.81
1030	3/18/2008 4:46	11.08	42.278	27.08	8.81	7.86	7.1	1.87
1031	3/18/2008 5:01	11.03	42.063	26.92	8.85	7.86	6.5	1.93
1032	3/18/2008 5:16	10.94	43.574	27.99	8.82	7.86	7.5	2.02
1033	3/18/2008 5:31	10.88	44.119	28.37	8.84	7.87	6.3	2.09
1034	3/18/2008 5:46	10.83	44.401	28.57	8.82	7.87	5.9	2.15

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1035	3/18/2008 6:01	10.8	44.375	28.55	8.82	7.87	6.1	2.23
1036	3/18/2008 6:16	10.74	44.857	28.89	8.82	7.87	6.5	2.29
1037	3/18/2008 6:31	10.74	43.756	28.11	8.89	7.87	6.7	2.36
1038	3/18/2008 6:46	10.72	45.001	28.99	8.92	7.88	7.4	2.43
1039	3/18/2008 7:01	10.55	45.431	29.29	8.79	7.87	6.6	2.52
1040	3/18/2008 7:16	10.49	45.757	29.52	8.71	7.87	6.1	2.59
1041	3/18/2008 7:31	10.42	46.197	29.83	8.63	7.86	6.5	2.66
1042	3/18/2008 7:46	10.32	45.777	29.53	8.52	7.86	7.0	2.74
1043	3/18/2008 8:01	10.12	47.602	30.82	8.26	7.84	9.3	2.80
1044	3/18/2008 8:16	10.06	47.713	30.9	8.19	7.84	8.1	2.87
1045	3/18/2008 8:31	10.04	46.868	30.29	8.17	7.83	8.6	2.92
1046	3/18/2008 8:46	10.01	47.947	31.06	8.09	7.83	10.0	2.97
1047	3/18/2008 9:01	9.96	48.092	31.16	7.9	7.83	7.1	3.00
1048	3/18/2008 9:16	10.05	48.152	31.21	7.91	7.83	6.5	3.02
1049	3/18/2008 9:31	10.05	47.442	30.7	7.93	7.82	6.4	3.01
1050	3/18/2008 9:46	9.94	48.001	31.1	7.9	7.82	8.4	2.98
1051	3/18/2008 10:01	10.06	46.890	30.31	7.96	7.82	9.7	2.94
1052	3/18/2008 10:16	10.74	45.191	29.13	8.76	7.87	6.2	2.90
1053	3/18/2008 10:31	10.76	45.450	29.32	8.9	7.88	6.1	2.81
1054	3/18/2008 10:46	10.63	45.850	29.59	8.73	7.87	8.0	2.73
1055	3/18/2008 11:01	10.75	45.507	29.36	8.96	7.89	5.7	2.64
1056	3/18/2008 11:16	10.74	45.500	29.35	9	7.89	5.9	2.53
1057	3/18/2008 11:31	10.83	45.691	29.49	9.07	7.9	8.4	2.42
1058	3/18/2008 11:46	10.82	45.624	29.44	9.08	7.9	7.4	2.32
1059	3/18/2008 12:01	10.95	45.114	29.08	9.05	7.89	6.6	2.22
1060	3/18/2008 12:16	11.07	44.530	28.67	9.2	7.9	6.2	2.10
1061	3/18/2008 12:31	11.2	44.565	28.7	9.27	7.92	7.8	1.96
1062	3/18/2008 12:46	11.33	43.695	28.09	9.26	7.9	7.0	1.86
1063	3/18/2008 13:01	11.49	43.117	27.69	9.29	7.9	7.6	1.75
1064	3/18/2008 13:16	11.64	43.139	27.71	9.54	7.93	5.9	1.60
1065	3/18/2008 13:31	11.75	42.833	27.5	9.63	7.94	7.3	1.46
1066	3/18/2008 13:46	11.86	41.975	26.89	9.51	7.93	6.1	1.34
1067	3/18/2008 14:01	11.91	42.504	27.27	9.3	7.92	6.7	1.22
1068	3/18/2008 14:16	11.93	42.623	27.35	9.14	7.9	6.2	1.08
1069	3/18/2008 14:31	11.97	42.417	27.21	9.08	7.9	4.9	0.98
1070	3/18/2008 14:46	12.01	41.590	26.63	8.93	7.88	3.1	0.89
1071	3/18/2008 15:01	12.08	42.397	27.2	8.67	7.87	2.4	0.82
1072	3/18/2008 15:16	12.13	42.275	27.11	8.34	7.85	3.5	0.76
1073	3/18/2008 15:31	12.22	41.450	26.53	9.07	7.9	4.2	0.74
1074	3/18/2008 15:46	11.96	42.479	27.25	9.12	7.9	5.3	0.78
1075	3/18/2008 16:01	11.94	42.511	27.28	9.13	7.9	5.3	0.80
1076	3/18/2008 16:16	12.15	42.689	27.41	9.28	7.91	5.7	0.85
1077	3/18/2008 16:31	12.1	42.672	27.4	9.19	7.91	4.8	0.90
1078	3/18/2008 16:46	12.24	41.582	26.63	9.23	7.91	6.5	0.95
1079	3/18/2008 17:01	12.04	42.345	27.16	9.19	7.9	4.9	1.03

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1080	3/18/2008 17:16	11.98	42.293	27.12	9.13	7.9	5.2	1.09
1081	3/18/2008 17:31	11.91	41.975	26.89	9.1	7.89	5.1	1.15
1082	3/18/2008 17:46	11.83	42.082	26.97	9.09	7.89	5.6	1.24
1083	3/18/2008 18:01	11.82	41.395	26.48	9.15	7.89	5.6	1.31
1084	3/18/2008 18:16	11.72	42.450	27.22	9.04	7.88	5.6	1.41
1085	3/18/2008 18:31	11.61	41.765	26.73	9.06	7.88	5.6	1.51
1086	3/18/2008 18:46	11.54	42.583	27.31	9.04	7.88	7.0	1.61
1087	3/18/2008 19:01	11.39	43.334	27.84	9.02	7.88	6.6	1.71
1088	3/18/2008 19:16	11.46	42.147	27	9.08	7.89	7.7	1.82
1089	3/18/2008 19:31	11.23	44.326	28.54	9.01	7.89	8.4	1.92
1090	3/18/2008 19:46	11.15	43.611	28.02	9.03	7.89	8.8	2.01
1091	3/18/2008 20:01	11.11	43.766	28.13	8.99	7.88	8.1	2.12
1092	3/18/2008 20:16	11.06	44.974	28.99	8.96	7.89	10.3	2.21
1093	3/18/2008 20:31	11.02	44.093	28.36	8.99	7.88	10.3	2.29
1094	3/18/2008 20:46	10.93	44.520	28.66	8.96	7.88	11.7	2.38
1095	3/18/2008 21:01	10.89	44.680	28.77	9.03	7.89	12.9	2.45
1096	3/18/2008 21:16	10.79	46.107	29.79	8.94	7.88	12.5	2.52
1097	3/18/2008 21:31	10.65	46.684	30.19	8.99	7.88	13.0	2.58
1098	3/18/2008 21:46	10.55	46.093	29.76	9.03	7.88	11.3	2.65
1099	3/18/2008 22:01	10.45	47.348	30.66	8.94	7.87	10.2	2.72
1100	3/18/2008 22:16	10.39	46.736	30.22	8.92	7.87	9.8	2.75
1101	3/18/2008 22:31	10.36	46.949	30.37	8.85	7.86	7.5	2.77
1102	3/18/2008 22:46	10.33	46.859	30.3	8.65	7.85	4.3	2.81
1103	3/18/2008 23:01	10.3	48.499	31.48	8.6	7.85	6.4	2.80
1104	3/18/2008 23:16	10.38	47.733	30.93	8.72	7.86	10.9	2.78
1105	3/18/2008 23:31	10.79	44.671	28.76	8.66	7.86	6.1	2.73
1106	3/18/2008 23:46	10.83	44.304	28.5	8.72	7.86	7.6	2.66
1107	3/19/2008 0:01	10.73	45.053	29.03	8.77	7.86	8.0	2.58
1108	3/19/2008 0:16	10.84	44.663	28.76	8.73	7.86	9.0	2.49
1109	3/19/2008 0:31	10.88	45.720	29.51	8.68	7.86	7.4	2.41
1110	3/19/2008 0:46	10.92	45.276	29.2	8.71	7.87	7.0	2.31
1111	3/19/2008 1:01	10.97	44.068	28.34	8.76	7.86	8.9	2.22
1112	3/19/2008 1:16	11	44.690	28.79	8.72	7.86	8.7	2.13
1113	3/19/2008 1:31	11.09	43.300	27.8	8.79	7.87	8.1	2.05
1114	3/19/2008 1:46	11.15	43.527	27.96	8.72	7.86	6.7	1.95
1115	3/19/2008 2:01	11.16	43.963	28.27	8.63	7.85	6.4	1.85
1116	3/19/2008 2:16	11.27	42.566	27.29	8.6	7.85	5.7	1.76
1117	3/19/2008 2:31	11.31	43.153	27.71	8.49	7.84	5.1	1.67
1118	3/19/2008 2:46	11.38	42.976	27.58	8.45	7.84	4.6	1.59
1119	3/19/2008 3:01	11.42	42.023	26.91	8.49	7.84	4.0	1.51
1120	3/19/2008 3:16	11.45	42.632	27.34	8.3	7.82	2.8	1.45
1121	3/19/2008 3:31	11.45	42.895	27.53	8.23	7.82	2.8	1.44
1122	3/19/2008 3:46	11.45	42.619	27.33	7.77	7.79	1.5	1.39
1123	3/19/2008 4:01	11.43	41.813	26.76	8.35	7.82	3.1	1.38
1124	3/19/2008 4:16	11.38	42.891	27.52	8.43	7.84	4.5	1.40

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1125	3/19/2008 4:31	11.4	41.960	26.86	8.59	7.85	4.6	1.45
1126	3/19/2008 4:46	11.37	43.076	27.65	8.52	7.84	5.5	1.47
1127	3/19/2008 5:01	11.32	43.121	27.68	8.55	7.85	5.9	1.53
1128	3/19/2008 5:16	11.32	43.110	27.68	8.56	7.84	6.4	1.62
1129	3/19/2008 5:31	11.27	43.365	27.85	8.55	7.85	7.3	1.69
1130	3/19/2008 5:46	11.25	42.231	27.05	8.61	7.85	7.4	1.77
1131	3/19/2008 6:01	11.16	42.961	27.56	8.59	7.85	6.8	1.85
1132	3/19/2008 6:16	11.05	43.467	27.92	8.61	7.85	6.9	1.94
1133	3/19/2008 6:31	11.04	43.206	27.73	8.64	7.85	6.9	2.02
1134	3/19/2008 6:46	11.01	43.268	27.77	8.67	7.85	6.4	2.08
1135	3/19/2008 7:01	10.88	44.846	28.89	8.67	7.86	6.6	2.17
1136	3/19/2008 7:16	10.82	44.139	28.38	8.74	7.86	6.8	2.26
1137	3/19/2008 7:31	10.75	44.551	28.67	8.74	7.86	6.6	2.33
1138	3/19/2008 7:46	10.64	45.231	29.15	8.7	7.85	7.4	2.41
1139	3/19/2008 8:01	10.55	46.518	30.07	8.67	7.85	8.5	2.49
1140	3/19/2008 8:16	10.5	45.747	29.51	8.71	7.85	8.0	2.57
1141	3/19/2008 8:31	10.43	47.329	30.64	8.67	7.85	8.4	2.64
1142	3/19/2008 8:46	10.36	46.114	29.77	8.74	7.85	8.2	2.72
1143	3/19/2008 9:01	10.28	47.541	30.79	8.67	7.85	8.9	2.81
1144	3/19/2008 9:16	10.19	46.915	30.33	8.69	7.85	10.6	2.88
1145	3/19/2008 9:31	10.09	47.985	31.09	8.66	7.84	9.2	2.93
1146	3/19/2008 9:46	10.03	48.368	31.37	8.66	7.85	9.3	2.98
1147	3/19/2008 10:01	9.96	47.536	30.76	8.65	7.84	6.8	3.02
1148	3/19/2008 10:16	10.02	48.623	31.55	8.39	7.83	6.4	3.04
1149	3/19/2008 10:31	9.91	47.656	30.85	8.53	7.82	7.9	3.04
1150	3/19/2008 10:46	9.9	48.987	31.8	8.54	7.83	9.3	3.03
1151	3/19/2008 11:01	9.98	47.831	30.98	8.61	7.84	10.3	2.98
1152	3/19/2008 11:16	10.37	46.376	29.96	8.75	7.85	7.6	2.91
1153	3/19/2008 11:31	10.44	47.157	30.52	8.69	7.85	8.9	2.82
1154	3/19/2008 11:46	10.47	45.954	29.66	8.73	7.85	8.3	2.72
1155	3/19/2008 12:01	10.61	45.860	29.6	8.82	7.86	10.8	2.61
1156	3/19/2008 12:16	10.63	45.391	29.27	8.91	7.87	10.0	2.51
1157	3/19/2008 12:31	10.67	46.134	29.8	8.98	7.88	6.6	2.40
1158	3/19/2008 12:46	10.77	45.699	29.49	9	7.88	7.5	2.29
1159	3/19/2008 13:01	10.91	44.027	28.31	9.04	7.88	9.5	2.16
1160	3/19/2008 13:16	10.96	44.157	28.4	9.06	7.89	7.8	2.05
1161	3/19/2008 13:31	11.12	44.397	28.58	9.11	7.89	8.4	1.93
1162	3/19/2008 13:46	11.19	44.340	28.54	9.2	7.9	6.8	1.80
1163	3/19/2008 14:01	11.36	42.934	27.55	9.11	7.89	8.1	1.67
1164	3/19/2008 14:16	11.54	44.051	28.35	9.29	7.91	7.1	1.53
1165	3/19/2008 14:31	11.68	42.643	27.36	9.22	7.9	6.9	1.40
1166	3/19/2008 14:46	11.83	42.446	27.23	9.29	7.92	6.7	1.28
1167	3/19/2008 15:01	11.89	42.035	26.94	9.17	7.91	6.8	1.16
1168	3/19/2008 15:16	11.95	42.068	26.96	9.09	7.9	7.1	1.05
1169	3/19/2008 15:31	11.99	41.805	26.78	8.97	7.88	11.4	0.94

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	3/19/2008 15:46	12.05	42.442	27.23	8.9	7.89	6.0	0.89
1171	3/19/2008 16:01	12.09	41.689	26.7	8.24	7.85	4.1	0.82
1172	3/19/2008 16:16	12.16	42.546	27.31	7.92	7.76	4.8	0.80
1173	3/19/2008 16:31	11.92	41.936	26.87	8.93	7.89	4.6	0.80
1174	3/19/2008 16:46	11.96	42.892	27.55	9.04	7.89	5.5	0.85
1175	3/19/2008 17:01	11.92	42.634	27.36	9.06	7.9	6.0	0.89
1176	3/19/2008 17:16	11.94	42.646	27.37	9.11	7.9	6.1	0.95
1177	3/19/2008 17:31	11.94	42.472	27.25	9.06	7.89	6.0	1.02
1178	3/19/2008 17:46	11.87	42.054	26.95	9.04	7.88	6.5	1.10
1179	3/19/2008 18:01	11.84	42.020	26.92	8.97	7.88	6.4	1.17
1180	3/19/2008 18:16	11.78	41.473	26.53	8.99	7.88	6.4	1.27
1181	3/19/2008 18:31	11.75	42.129	27	8.95	7.87	6.1	1.35
1182	3/19/2008 18:46	11.68	42.511	27.27	8.91	7.87	6.2	1.44
1183	3/19/2008 19:01	11.58	42.618	27.34	8.89	7.87	6.6	1.53
1184	3/19/2008 19:16	11.45	43.110	27.68	8.88	7.87	6.4	1.63
1185	3/19/2008 19:31	11.4	43.236	27.77	8.89	7.87	7.1	1.74
1186	3/19/2008 19:46	11.25	44.270	28.5	8.86	7.87	6.9	1.84
1187	3/19/2008 20:01	11.21	43.628	28.04	8.95	7.88	7.8	1.94
1188	3/19/2008 20:16	11.11	44.933	28.96	8.92	7.88	8.7	2.04
1189	3/19/2008 20:31	11.02	45.256	29.19	8.88	7.87	8.6	2.14
1190	3/19/2008 20:46	10.98	45.211	29.16	8.92	7.87	10.3	2.23
1191	3/19/2008 21:01	10.94	44.385	28.56	9.01	7.88	11.8	2.33
1192	3/19/2008 21:16	10.85	45.446	29.32	9.01	7.88	11.1	2.41
1193	3/19/2008 21:31	10.76	45.296	29.21	9.04	7.88	12.6	2.49
1194	3/19/2008 21:46	10.64	45.612	29.42	9.08	7.88	14.4	2.57
1195	3/19/2008 22:01	10.49	46.330	29.93	9.21	7.89	13.1	2.66
1196	3/19/2008 22:16	10.36	46.689	30.18	9.26	7.89	10.8	2.72
1197	3/19/2008 22:31	10.29	48.075	31.17	9.21	7.9	9.8	2.79
1198	3/19/2008 22:46	10.25	48.273	31.31	9.25	7.9	7.3	2.84
1199	3/19/2008 23:01	10.22	48.440	31.43	9.23	7.9	7.5	2.89
1200	3/19/2008 23:16	10.2	47.181	30.52	9.12	7.9	4.0	2.91
1201	3/19/2008 23:31	10.25	48.389	31.39	8.86	7.88	4.8	2.89
1202	3/19/2008 23:46	10.25	47.703	30.9	9.12	7.89	7.6	2.88
1203	3/20/2008 0:01	10.27	45.900	29.61	9.15	7.89	6.2	2.84
1204	3/20/2008 0:16	10.41	44.824	28.85	8.9	7.87	6.9	2.77
1205	3/20/2008 0:31	10.51	46.041	29.72	8.85	7.87	8.1	2.69
1206	3/20/2008 0:46	10.61	44.397	28.56	8.92	7.87	7.6	2.60
1207	3/20/2008 1:01	10.61	44.833	28.87	8.81	7.86	8.4	2.49
1208	3/20/2008 1:16	10.6	44.432	28.58	8.84	7.86	8.7	2.40
1209	3/20/2008 1:31	10.65	45.603	29.42	8.78	7.86	6.8	2.29
1210	3/20/2008 1:46	10.67	43.936	28.23	8.82	7.86	7.1	2.20
1211	3/20/2008 2:01	10.76	44.251	28.46	8.76	7.86	11.2	2.08
1212	3/20/2008 2:16	10.79	43.903	28.21	8.73	7.85	7.5	1.98
1213	3/20/2008 2:31	10.86	42.901	27.51	8.74	7.85	8.1	1.88
1214	3/20/2008 2:46	10.79	43.944	28.24	8.67	7.85	6.9	1.77

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	3/20/2008 3:01	10.84	42.636	27.32	8.68	7.85	6.4	1.65
1216	3/20/2008 3:16	10.87	43.021	27.59	8.63	7.85	6.5	1.57
1217	3/20/2008 3:31	10.88	42.588	27.29	8.59	7.85	5.7	1.47
1218	3/20/2008 3:46	10.91	41.739	26.69	8.59	7.84	4.5	1.39
1219	3/20/2008 4:01	10.93	41.902	26.8	8.52	7.83	4.1	1.33
1220	3/20/2008 4:16	10.92	41.732	26.68	8.37	7.84	3.0	1.29
1221	3/20/2008 4:31	10.89	42.000	26.87	8.06	7.81	1.4	1.26
1222	3/20/2008 4:46	10.8	42.182	27	8.55	7.84	4.8	1.24
1223	3/20/2008 5:01	10.82	41.889	26.79	8.59	7.85	5.9	1.26
1224	3/20/2008 5:16	10.85	42.997	27.57	8.6	7.85	6.1	1.29
1225	3/20/2008 5:31	10.86	42.065	26.92	8.66	7.85	6.2	1.35
1226	3/20/2008 5:46	10.7	40.932	26.11	8.71	7.85	7.5	1.42
1227	3/20/2008 6:01	10.8	42.057	26.91	8.63	7.84	7.0	1.49
1228	3/20/2008 6:16	10.86	42.071	26.92	8.62	7.84	6.8	1.59
1229	3/20/2008 6:31	10.85	41.167	26.28	8.64	7.84	7.2	1.67
1230	3/20/2008 6:46	10.81	42.520	27.23	8.62	7.84	7.6	1.76
1231	3/20/2008 7:01	10.77	42.221	27.02	8.66	7.84	7.0	1.84
1232	3/20/2008 7:16	10.72	42.782	27.42	8.69	7.84	7.4	1.93
1233	3/20/2008 7:31	10.72	43.227	27.73	8.74	7.85	7.0	2.02
1234	3/20/2008 7:46	10.7	44.528	28.65	8.78	7.86	6.9	2.11
1235	3/20/2008 8:01	10.7	43.905	28.21	8.83	7.86	6.5	2.19
1236	3/20/2008 8:16	10.66	45.426	29.29	8.8	7.86	7.0	2.27
1237	3/20/2008 8:31	10.59	45.581	29.4	8.85	7.87	7.4	2.36
1238	3/20/2008 8:46	10.48	45.227	29.14	8.95	7.87	9.5	2.45
1239	3/20/2008 9:01	10.45	46.233	29.86	9.01	7.88	8.6	2.52
1240	3/20/2008 9:16	10.38	46.398	29.97	9.06	7.89	9.2	2.60
1241	3/20/2008 9:31	10.31	46.233	29.85	9.16	7.9	9.3	2.69
1242	3/20/2008 9:46	10.25	46.949	30.36	9.26	7.91	9.6	2.76
1243	3/20/2008 10:01	10.21	46.254	29.86	9.38	7.92	9.5	2.83
1244	3/20/2008 10:16	10.14	47.865	31.01	9.48	7.94	9.7	2.90
1245	3/20/2008 10:31	10.04	47.736	30.91	9.7	7.96	9.6	2.96
1246	3/20/2008 10:46	10.04	48.476	31.44	9.71	7.97	6.7	3.00
1247	3/20/2008 11:01	10.02	48.338	31.34	9.7	7.97	4.3	3.02
1248	3/20/2008 11:16	10.03	48.404	31.39	9.49	7.95	4.1	3.04
1249	3/20/2008 11:31	9.97	48.649	31.56	9.5	7.96	7.1	3.03
1250	3/20/2008 11:46	9.99	48.358	31.36	9.69	7.96	7.5	2.98
1251	3/20/2008 12:01	10.38	47.195	30.54	9.76	7.96	5.8	2.92
1252	3/20/2008 12:16	10.65	46.767	30.25	9.67	7.95	6.1	2.84
1253	3/20/2008 12:31	10.72	45.553	29.39	9.76	7.95	7.7	2.74
1254	3/20/2008 12:46	11.01	45.228	29.17	9.86	7.95	6.2	2.65
1255	3/20/2008 13:01	11.06	46.091	29.79	9.86	7.95	5.9	2.53
1256	3/20/2008 13:16	11.17	44.912	28.95	9.87	7.95	7.5	2.42
1257	3/20/2008 13:31	11.2	45.714	29.53	9.95	7.97	6.2	2.31
1258	3/20/2008 13:46	11.31	44.363	28.57	9.85	7.95	9.3	2.20
1259	3/20/2008 14:01	11.39	43.833	28.19	9.8	7.94	9.3	2.07

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1260	3/20/2008 14:16	11.53	43.258	27.79	9.89	7.96	7.5	1.96
1261	3/20/2008 14:31	11.63	43.439	27.92	9.9	7.96	7.1	1.84
1262	3/20/2008 14:46	11.77	43.042	27.65	10	7.97	7.5	1.72
1263	3/20/2008 15:01	11.92	42.697	27.41	10.1	7.98	10.0	1.59
1264	3/20/2008 15:16	12.01	43.126	27.71	9.97	7.98	8.9	1.46
1265	3/20/2008 15:31	12.04	43.093	27.69	9.93	7.98	9.0	1.34
1266	3/20/2008 15:46	12.05	42.171	27.04	9.91	7.97	9.6	1.24
1267	3/20/2008 16:01	12.08	42.011	26.93	9.9	7.97	10.4	1.14
1268	3/20/2008 16:16	12.07	42.803	27.49	9.69	7.96	5.4	1.05
1269	3/20/2008 16:31	12.09	42.867	27.53	9.46	7.93	7.0	1.00
1270	3/20/2008 16:46	12.09	42.543	27.3	9.06	7.89	3.5	0.96
1271	3/20/2008 17:01	12.1	41.776	26.76	9.37	7.94	5.3	0.95
1272	3/20/2008 17:16	12.06	41.776	26.76	9.78	7.96	8.2	0.98
1273	3/20/2008 17:31	12.01	42.059	26.96	9.83	7.97	9.7	1.01
1274	3/20/2008 17:46	11.96	41.982	26.9	9.85	7.97	7.2	1.08
1275	3/20/2008 18:01	11.94	40.156	25.61	9.86	7.95	10.9	1.15
1276	3/20/2008 18:16	11.95	41.774	26.75	9.78	7.95	8.2	1.22
1277	3/20/2008 18:31	11.94	40.918	26.15	9.79	7.95	7.6	1.31
1278	3/20/2008 18:46	11.9	41.651	26.66	9.7	7.94	7.9	1.39
1279	3/20/2008 19:01	11.89	41.787	26.76	9.7	7.94	7.6	1.47
1280	3/20/2008 19:16	11.87	41.384	26.47	9.71	7.94	6.9	1.56
1281	3/20/2008 19:31	11.77	41.239	26.37	9.7	7.93	7.5	1.66
1282	3/20/2008 19:46	11.64	42.191	27.04	9.66	7.93	7.6	1.76
1283	3/20/2008 20:01	11.47	43.913	28.25	9.53	7.92	7.8	1.85
1284	3/20/2008 20:16	11.39	43.127	27.69	9.58	7.92	7.9	1.96
1285	3/20/2008 20:31	11.37	44.138	28.41	9.61	7.93	9.0	2.06
1286	3/20/2008 20:46	11.28	43.519	27.96	9.65	7.93	9.7	2.16
1287	3/20/2008 21:01	11.21	44.365	28.56	9.64	7.93	11.1	2.25
1288	3/20/2008 21:16	11.09	45.229	29.17	9.59	7.93	11.8	2.34
1289	3/20/2008 21:31	11.02	44.595	28.72	9.68	7.94	12.1	2.44
1290	3/20/2008 21:46	10.97	44.913	28.94	9.72	7.94	14.0	2.52
1291	3/20/2008 22:01	10.87	45.562	29.4	9.74	7.95	11.9	2.61
1292	3/20/2008 22:16	10.78	45.827	29.59	9.81	7.96	11.1	2.70
1293	3/20/2008 22:31	10.57	46.833	30.3	9.9	7.98	11.5	2.78
1294	3/20/2008 22:46	10.46	48.056	31.17	9.91	7.99	8.9	2.86
1295	3/20/2008 23:01	10.39	47.070	30.45	9.99	8	8.1	2.93
1296	3/20/2008 23:16	10.36	47.376	30.67	9.96	8	6.5	2.98
1297	3/20/2008 23:31	10.34	47.544	30.79	9.92	8	5.9	3.03
1298	3/20/2008 23:46	10.31	47.509	30.77	9.67	7.99	3.3	3.05
1299	3/21/2008 0:01	10.37	47.435	30.72	9.73	7.98	6.0	3.05
1300	3/21/2008 0:16	10.32	47.437	30.71	9.67	7.98	5.3	3.03
1301	3/21/2008 0:31	10.51	45.822	29.57	9.64	7.97	5.2	2.98
1302	3/21/2008 0:46	10.71	45.020	29.01	9.53	7.95	7.5	2.90
1303	3/21/2008 1:01	10.82	45.434	29.31	9.48	7.94	8.7	2.81
1304	3/21/2008 1:16	10.74	45.460	29.32	9.49	7.95	9.1	2.72

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	3/21/2008 1:31	10.82	44.798	28.85	9.48	7.94	9.3	2.60
1306	3/21/2008 1:46	10.81	44.902	28.93	9.47	7.93	9.1	2.49
1307	3/21/2008 2:01	10.84	45.256	29.18	9.41	7.93	7.4	2.38
1308	3/21/2008 2:16	10.86	44.716	28.8	9.42	7.93	7.8	2.27
1309	3/21/2008 2:31	10.89	44.404	28.58	9.39	7.92	9.2	2.16
1310	3/21/2008 2:46	11.13	44.040	28.33	9.33	7.92	7.8	2.05
1311	3/21/2008 3:01	11.05	43.597	28.01	9.32	7.92	8.7	1.93
1312	3/21/2008 3:16	11.03	43.252	27.76	9.26	7.91	7.9	1.82
1313	3/21/2008 3:31	11.09	43.096	27.66	9.19	7.91	6.8	1.70
1314	3/21/2008 3:46	11.13	42.984	27.58	9.11	7.9	7.1	1.60
1315	3/21/2008 4:01	11.2	42.580	27.29	9.02	7.9	5.7	1.48
1316	3/21/2008 4:16	11.21	41.841	26.77	9.01	7.89	6.2	1.37
1317	3/21/2008 4:31	11.21	41.989	26.88	8.92	7.89	5.4	1.30
1318	3/21/2008 4:46	11.25	41.476	26.52	8.72	7.88	3.2	1.24
1319	3/21/2008 5:01	11.26	42.267	27.08	8.32	7.85	2.0	1.17
1320	3/21/2008 5:16	11.28	42.194	27.02	8.09	7.83	1.6	1.15
1321	3/21/2008 5:31	11.13	42.565	27.28	8.95	7.89	4.7	1.15
1322	3/21/2008 5:46	11.16	41.829	26.76	9.05	7.89	5.1	1.16
1323	3/21/2008 6:01	11.18	41.907	26.82	9.07	7.9	5.5	1.21
1324	3/21/2008 6:16	11.21	42.179	27.01	9.09	7.9	5.2	1.27
1325	3/21/2008 6:31	11.17	41.979	26.87	9.06	7.89	6.0	1.33
1326	3/21/2008 6:46	11.09	40.638	25.92	9.1	7.89	7.0	1.42
1327	3/21/2008 7:01	11.17	41.721	26.69	9.08	7.89	7.7	1.52
1328	3/21/2008 7:16	11.16	41.512	26.54	9.08	7.89	6.9	1.60
1329	3/21/2008 7:31	11.17	41.703	26.67	9.1	7.89	6.8	1.70
1330	3/21/2008 7:46	11.13	42.070	26.93	9.15	7.89	7.0	1.79
1331	3/21/2008 8:01	11.11	42.704	27.38	9.21	7.9	6.8	1.88
1332	3/21/2008 8:16	11.1	42.972	27.57	9.25	7.9	6.8	1.97
1333	3/21/2008 8:31	11.09	43.661	28.06	9.33	7.91	6.8	2.06
1334	3/21/2008 8:46	11.09	43.501	27.94	9.38	7.92	6.3	2.15
1335	3/21/2008 9:01	11.08	43.666	28.06	9.4	7.92	6.8	2.25
1336	3/21/2008 9:16	11.04	43.958	28.27	9.47	7.93	7.9	2.33
1337	3/21/2008 9:31	10.9	45.375	29.27	9.51	7.94	8.4	2.41
1338	3/21/2008 9:46	10.79	45.400	29.28	9.51	7.94	10.4	2.50
1339	3/21/2008 10:01	10.76	44.937	28.95	9.61	7.95	9.2	2.58
1340	3/21/2008 10:16	10.72	45.754	29.53	9.63	7.96	8.6	2.66
1341	3/21/2008 10:31	10.67	46.637	30.16	9.67	7.96	8.7	2.73
1342	3/21/2008 10:46	10.55	45.753	29.52	9.73	7.97	8.9	2.81
1343	3/21/2008 11:01	10.33	47.867	31.02	9.7	7.98	9.5	2.88
Mean		11.15	45.835	29.61	8.97	7.89	6.4	2.06
Minimum		9.86	40.156	25.61	7.67	7.76	0.8	0.74
Maximum		12.58	49.868	32.46	10.17	8.00	23.1	3.39
Standard Dev.		0.59	2.086	1.48	0.38	0.03	2.6	0.67

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
Parameter	Criteria	Source						
Dissoived 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						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	3/21/2008 12:16	10.26	47.500	30.76	9.85	8.03	6.2	2.69
1	3/21/2008 12:31	10.18	47.844	31	9.74	8.04	7.1	2.84
2	3/21/2008 12:46	10.16	48.000	31.11	9.65	8.04	5.8	2.87
3	3/21/2008 13:01	10.23	47.900	31.04	9.59	8.04	5.5	2.88
4	3/21/2008 13:16	10.11	48.147	31.21	9.48	8.03	5.4	2.88
5	3/21/2008 13:31	10.35	47.727	30.92	9.76	8.05	5.7	2.83
6	3/21/2008 13:46	10.95	46.724	30.24	10.3	8.08	6.3	2.80
7	3/21/2008 14:01	11.3	46.293	29.95	10.41	8.1	7.3	2.74
8	3/21/2008 14:16	11.27	46.359	29.99	10.39	8.09	7.4	2.65
9	3/21/2008 14:31	11.44	46.384	30.02	10.68	8.12	8.9	2.54
10	3/21/2008 14:46	11.52	46.040	29.78	10.66	8.12	7.6	2.43
11	3/21/2008 15:01	11.78	45.518	29.41	10.67	8.13	7.3	2.34
12	3/21/2008 15:16	11.98	45.286	29.25	10.84	8.15	7.6	2.22
13	3/21/2008 15:31	12.01	44.730	28.86	10.75	8.14	10.3	2.10
14	3/21/2008 15:46	12.08	43.990	28.33	10.59	8.12	10.4	1.98
15	3/21/2008 16:01	12.18	43.563	28.03	10.58	8.11	10.3	1.86
16	3/21/2008 16:16	12.28	43.319	27.86	10.5	8.11	13.2	1.76
17	3/21/2008 16:31	12.44	43.382	27.91	10.49	8.12	13.6	1.63
18	3/21/2008 16:46	12.56	43.514	28.01	10.48	8.13	13.7	1.52
19	3/21/2008 17:01	12.62	43.410	27.94	10.4	8.13	14.3	1.40
20	3/21/2008 17:16	12.62	43.219	27.8	10.29	8.11	13.9	1.29
21	3/21/2008 17:31	12.64	43.050	27.68	10.21	8.1	13.4	1.18
22	3/21/2008 17:46	12.61	42.997	27.64	10.12	8.09	11.4	1.10
23	3/21/2008 18:01	12.62	42.843	27.53	9.96	8.08	9.5	1.04
24	3/21/2008 18:16	12.63	42.773	27.49	9.83	8.06	8.8	1.00
25	3/21/2008 18:31	12.63	42.722	27.45	9.38	8.04	7.6	0.99
26	3/21/2008 18:46	12.63	42.611	27.37	9.75	8.06	12.3	1.00
27	3/21/2008 19:01	12.6	42.622	27.38	10.08	8.06	9.9	1.05
28	3/21/2008 19:16	12.55	42.684	27.42	10.15	8.06	10.6	1.10
29	3/21/2008 19:31	12.53	42.712	27.44	10.15	8.06	10.3	1.15
30	3/21/2008 19:46	12.51	42.649	27.39	10.12	8.05	10.1	1.22
31	3/21/2008 20:01	12.52	42.443	27.25	10.16	8.05	10.5	1.31
32	3/21/2008 20:16	12.54	41.990	26.93	10.15	8.04	9.5	1.38
33	3/21/2008 20:31	12.56	42.092	27	10.15	8.04	9.4	1.47
34	3/21/2008 20:46	12.51	42.236	27.1	10.12	8.04	8.8	1.58
35	3/21/2008 21:01	12.45	42.528	27.3	10.14	8.03	9.0	1.66
36	3/21/2008 21:16	12.25	43.146	27.74	10.14	8.02	9.2	1.76
37	3/21/2008 21:31	12.14	43.429	27.93	10.18	8.02	9.0	1.85
38	3/21/2008 21:46	12	43.533	28	10.16	8.02	9.5	1.96
39	3/21/2008 22:01	11.92	43.478	27.96	10.16	8.01	9.2	2.04
40	3/21/2008 22:16	11.83	43.492	27.97	10.15	8.01	8.2	2.14
41	3/21/2008 22:31	11.57	44.787	28.88	10.12	8.01	8.9	2.24
42	3/21/2008 22:46	11.46	45.457	29.35	10.1	8	10.9	2.33
43	3/21/2008 23:01	11.41	45.518	29.4	10.13	8.01	12.6	2.42
44	3/21/2008 23:16	11.24	45.922	29.68	10.14	8.01	15.0	2.51

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	3/21/2008 23:31	11.07	46.299	29.94	10.14	8.01	13.9	2.60
46	3/21/2008 23:46	10.88	46.971	30.41	10.14	8.02	13.6	2.67
47	3/22/2008 0:01	10.71	47.633	30.88	10.13	8.03	11.2	2.75
48	3/22/2008 0:16	10.59	48.030	31.16	10.13	8.03	9.0	2.85
49	3/22/2008 0:31	10.54	48.260	31.32	10.11	8.03	7.4	2.92
50	3/22/2008 0:46	10.51	48.401	31.42	10.08	8.03	6.5	2.96
51	3/22/2008 1:01	10.47	48.479	31.47	10.06	8.03	6.7	3.02
52	3/22/2008 1:16	10.48	48.458	31.46	9.85	8.02	4.4	3.02
53	3/22/2008 1:31	10.5	48.373	31.4	9.88	8.02	5.7	3.01
54	3/22/2008 1:46	10.62	46.843	30.31	9.83	8	6.7	2.99
55	3/22/2008 2:01	10.73	46.470	30.04	9.8	8	7.8	2.91
56	3/22/2008 2:16	10.76	46.742	30.24	9.83	8.01	8.4	2.86
57	3/22/2008 2:31	10.9	46.251	29.9	9.79	8	9.0	2.78
58	3/22/2008 2:46	10.82	46.318	29.94	9.83	8	8.5	2.67
59	3/22/2008 3:01	10.81	46.279	29.91	9.84	8	9.2	2.56
60	3/22/2008 3:16	10.87	45.751	29.54	9.78	8	8.1	2.46
61	3/22/2008 3:31	10.9	45.560	29.4	9.77	7.99	8.8	2.34
62	3/22/2008 3:46	10.99	45.423	29.31	9.8	7.99	8.0	2.22
63	3/22/2008 4:01	11.11	44.911	28.95	9.76	7.98	7.3	2.12
64	3/22/2008 4:16	11.29	44.235	28.47	9.72	7.98	8.5	2.00
65	3/22/2008 4:31	11.2	44.357	28.56	9.65	7.97	7.7	1.88
66	3/22/2008 4:46	11.11	44.378	28.57	9.55	7.97	7.9	1.77
67	3/22/2008 5:01	11.3	43.754	28.13	9.47	7.96	9.4	1.65
68	3/22/2008 5:16	11.35	43.534	27.98	9.38	7.96	9.5	1.52
69	3/22/2008 5:31	11.35	43.426	27.9	9.31	7.95	8.9	1.40
70	3/22/2008 5:46	11.38	43.345	27.85	9.25	7.96	9.8	1.28
71	3/22/2008 6:01	11.43	43.111	27.68	9.17	7.95	9.3	1.21
72	3/22/2008 6:16	11.45	42.953	27.57	9.06	7.94	9.0	1.11
73	3/22/2008 6:31	11.48	42.839	27.49	8.99	7.93	8.2	1.04
74	3/22/2008 6:46	11.49	42.788	27.45	8.76	7.92	6.2	0.97
75	3/22/2008 7:01	11.5	42.748	27.43	8.56	7.91	5.7	0.96
76	3/22/2008 7:16	11.46	42.748	27.42	9.01	7.93	7.6	0.95
77	3/22/2008 7:31	11.47	42.792	27.46	9.11	7.94	7.8	0.98
78	3/22/2008 7:46	11.48	42.867	27.51	9.13	7.94	7.7	1.02
79	3/22/2008 8:01	11.48	42.903	27.54	9.19	7.94	7.8	1.10
80	3/22/2008 8:16	11.38	42.482	27.23	9.22	7.94	7.7	1.16
81	3/22/2008 8:31	11.21	41.139	26.28	9.23	7.93	8.8	1.25
82	3/22/2008 8:46	11.24	41.213	26.33	9.22	7.92	9.6	1.34
83	3/22/2008 9:01	11.31	41.733	26.7	9.22	7.93	8.7	1.42
84	3/22/2008 9:16	11.34	42.065	26.94	9.23	7.92	7.6	1.53
85	3/22/2008 9:31	11.3	42.215	27.04	9.33	7.94	7.6	1.61
86	3/22/2008 9:46	11.27	43.273	27.79	9.43	7.95	7.3	1.71
87	3/22/2008 10:01	11.23	43.646	28.05	9.54	7.96	7.4	1.80
88	3/22/2008 10:16	11.22	44.381	28.57	9.65	7.97	6.5	1.89
89	3/22/2008 10:31	11.22	44.811	28.88	9.71	7.98	6.2	1.98

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	3/22/2008 10:46	11.19	44.799	28.87	9.71	7.98	6.9	2.06
91	3/22/2008 11:01	11.17	45.091	29.08	9.76	7.98	7.4	2.14
92	3/22/2008 11:16	11.13	45.215	29.17	9.89	7.98	7.1	2.23
93	3/22/2008 11:31	10.97	45.690	29.5	9.93	7.99	9.9	2.32
94	3/22/2008 11:46	10.91	45.933	29.67	9.93	8	9.5	2.39
95	3/22/2008 12:01	10.85	46.131	29.81	9.97	8	9.2	2.48
96	3/22/2008 12:16	10.79	46.458	30.04	10.03	8.01	8.5	2.56
97	3/22/2008 12:31	10.59	47.030	30.44	9.97	8.01	10.5	2.62
98	3/22/2008 12:46	10.45	47.610	30.85	10	8.01	9.7	2.70
99	3/22/2008 13:01	10.4	47.905	31.06	10.13	8.02	8.8	2.73
100	3/22/2008 13:16	10.3	48.197	31.26	10.15	8.02	7.1	2.79
101	3/22/2008 13:31	10.26	48.341	31.36	10.08	8.02	5.6	2.82
102	3/22/2008 13:46	10.31	48.247	31.3	10.01	8.01	7.0	2.82
103	3/22/2008 14:01	10.28	48.317	31.34	10.02	8.01	5.2	2.80
104	3/22/2008 14:16	10.77	47.516	30.8	10.42	8.05	6.1	2.76
105	3/22/2008 14:31	11.56	46.394	30.03	10.94	8.08	6.1	2.70
106	3/22/2008 14:46	11.54	46.211	29.9	10.97	8.08	5.9	2.62
107	3/22/2008 15:01	10.96	46.774	30.27	10.47	8.05	6.0	2.52
108	3/22/2008 15:16	11.77	45.904	29.69	10.78	8.07	6.0	2.44
109	3/22/2008 15:31	11.87	45.785	29.61	10.97	8.08	5.0	2.34
110	3/22/2008 15:46	12.04	45.407	29.34	10.94	8.08	5.5	2.26
111	3/22/2008 16:01	12.15	45.149	29.16	11.05	8.09	5.7	2.14
112	3/22/2008 16:16	12.21	44.376	28.61	11	8.08	7.8	2.03
113	3/22/2008 16:31	12.44	44.504	28.71	11.23	8.11	7.1	1.93
114	3/22/2008 16:46	12.62	43.970	28.34	11.34	8.11	5.2	1.83
115	3/22/2008 17:01	12.62	43.762	28.19	11.28	8.11	5.2	1.73
116	3/22/2008 17:16	12.65	43.457	27.97	11.17	8.1	5.3	1.62
117	3/22/2008 17:31	12.84	43.502	28.01	11.33	8.13	5.1	1.51
118	3/22/2008 17:46	12.8	43.283	27.85	11.13	8.11	5.1	1.42
119	3/22/2008 18:01	12.84	43.239	27.82	11.07	8.11	5.0	1.32
120	3/22/2008 18:16	12.84	43.127	27.74	10.97	8.1	4.5	1.26
121	3/22/2008 18:31	12.85	43.031	27.68	10.83	8.1	4.0	1.22
122	3/22/2008 18:46	12.87	42.955	27.62	10.58	8.08	2.9	1.19
123	3/22/2008 19:01	12.86	42.917	27.59	9.78	8.05	2.1	1.17
124	3/22/2008 19:16	12.84	42.937	27.61	10.44	8.07	4.2	1.20
125	3/22/2008 19:31	12.8	43.008	27.66	10.91	8.09	4.7	1.23
126	3/22/2008 19:46	12.76	43.110	27.73	10.93	8.09	5.1	1.27
127	3/22/2008 20:01	12.74	43.169	27.77	10.94	8.09	5.3	1.34
128	3/22/2008 20:16	12.67	43.129	27.74	10.84	8.08	5.4	1.40
129	3/22/2008 20:31	12.66	43.023	27.66	10.82	8.08	5.4	1.50
130	3/22/2008 20:46	12.62	43.071	27.7	10.84	8.07	5.9	1.57
131	3/22/2008 21:01	12.57	43.177	27.77	10.87	8.07	6.1	1.67
132	3/22/2008 21:16	12.61	42.406	27.22	10.8	8.06	6.0	1.75
133	3/22/2008 21:31	12.43	43.310	27.86	10.8	8.06	5.7	1.84
134	3/22/2008 21:46	12.06	44.459	28.67	10.64	8.04	6.0	1.93

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	3/22/2008 22:01	11.95	44.668	28.81	10.59	8.04	5.9	2.02
136	3/22/2008 22:16	11.88	44.969	29.02	10.59	8.04	6.1	2.12
137	3/22/2008 22:31	11.83	45.117	29.13	10.62	8.04	5.7	2.20
138	3/22/2008 22:46	11.73	45.195	29.18	10.6	8.04	6.0	2.29
139	3/22/2008 23:01	11.52	45.900	29.67	10.59	8.04	8.1	2.38
140	3/22/2008 23:16	11.38	46.220	29.9	10.59	8.03	7.8	2.47
141	3/22/2008 23:31	11.29	46.425	30.04	10.59	8.03	6.8	2.55
142	3/22/2008 23:46	11.17	46.659	30.2	10.61	8.03	7.0	2.64
143	3/23/2008 0:01	11	46.997	30.44	10.65	8.04	7.4	2.73
144	3/23/2008 0:16	10.83	47.458	30.76	10.62	8.04	7.2	2.81
145	3/23/2008 0:31	10.65	48.106	31.21	10.61	8.03	6.2	2.88
146	3/23/2008 0:46	10.57	48.446	31.45	10.58	8.03	6.0	2.96
147	3/23/2008 1:01	10.5	48.618	31.58	10.56	8.03	5.1	3.01
148	3/23/2008 1:16	10.41	48.837	31.73	10.55	8.02	3.7	3.07
149	3/23/2008 1:31	10.4	48.871	31.75	10.48	8.02	3.5	3.09
150	3/23/2008 1:46	10.48	48.670	31.61	10.29	8.01	3.7	3.09
151	3/23/2008 2:01	10.37	48.956	31.81	10.33	8.01	4.0	3.09
152	3/23/2008 2:16	10.43	48.429	31.43	10.41	8.02	4.7	3.05
153	3/23/2008 2:31	10.86	46.912	30.37	10.28	8.02	6.2	2.99
154	3/23/2008 2:46	10.87	47.122	30.52	10.26	8.02	6.6	2.92
155	3/23/2008 3:01	10.94	46.888	30.35	10.27	8.02	6.6	2.83
156	3/23/2008 3:16	10.91	46.951	30.4	10.25	8.02	7.3	2.72
157	3/23/2008 3:31	10.99	46.366	29.98	10.24	8.02	7.7	2.61
158	3/23/2008 3:46	11.07	46.087	29.79	10.17	8.02	6.7	2.49
159	3/23/2008 4:01	11.08	46.038	29.75	10.21	8.02	7.8	2.38
160	3/23/2008 4:16	11.09	46.157	29.84	10.21	8.02	7.4	2.26
161	3/23/2008 4:31	11.35	45.316	29.25	10.21	8.02	6.8	2.15
162	3/23/2008 4:46	11.33	45.155	29.13	10.18	8.02	6.2	2.02
163	3/23/2008 5:01	11.51	44.524	28.69	10.08	8.02	8.3	1.91
164	3/23/2008 5:16	11.44	44.502	28.67	9.96	8.01	6.4	1.78
165	3/23/2008 5:31	11.59	43.861	28.22	9.9	8	7.0	1.67
166	3/23/2008 5:46	11.57	43.885	28.24	9.82	8	6.2	1.54
167	3/23/2008 6:01	11.64	43.745	28.14	9.77	7.99	6.2	1.41
168	3/23/2008 6:16	11.7	43.631	28.06	9.77	8	6.5	1.29
169	3/23/2008 6:31	11.78	43.402	27.9	9.7	7.99	6.2	1.20
170	3/23/2008 6:46	11.83	43.256	27.8	9.63	7.99	5.4	1.10
171	3/23/2008 7:01	11.85	43.170	27.74	9.53	7.98	4.6	1.01
172	3/23/2008 7:16	11.86	43.079	27.68	9.32	7.98	3.5	0.96
173	3/23/2008 7:31	11.86	43.035	27.64	8.85	7.95	5.9	0.94
174	3/23/2008 7:46	11.82	43.048	27.65	9.35	7.98	4.9	0.94
175	3/23/2008 8:01	11.8	43.162	27.73	9.59	7.99	6.3	0.97
176	3/23/2008 8:16	11.79	43.265	27.8	9.62	7.99	6.3	1.01
177	3/23/2008 8:31	11.79	43.326	27.85	9.75	8	5.8	1.08
178	3/23/2008 8:46	11.79	43.361	27.87	9.83	8	5.2	1.15
179	3/23/2008 9:01	11.66	41.874	26.81	9.79	7.99	6.7	1.22

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
180	3/23/2008 9:16	11.72	42.342	27.15	9.8	7.98	7.0	1.31
181	3/23/2008 9:31	11.72	42.435	27.21	9.8	7.98	6.6	1.39
182	3/23/2008 9:46	11.72	42.466	27.24	9.77	7.99	6.0	1.48
183	3/23/2008 10:01	11.72	42.504	27.26	9.82	7.99	6.5	1.55
184	3/23/2008 10:16	11.66	42.972	27.59	9.87	7.99	6.1	1.64
185	3/23/2008 10:31	11.65	43.315	27.83	10.05	8	7.1	1.74
186	3/23/2008 10:46	11.63	43.472	27.95	10.1	8.01	6.2	1.82
187	3/23/2008 11:01	11.55	44.417	28.62	10.22	8.01	5.4	1.91
188	3/23/2008 11:16	11.51	44.993	29.02	10.22	8.02	4.9	2.00
189	3/23/2008 11:31	11.48	45.150	29.14	10.24	8.02	5.2	2.09
190	3/23/2008 11:46	11.42	45.398	29.31	10.28	8.03	5.4	2.17
191	3/23/2008 12:01	11.42	45.470	29.36	10.41	8.03	5.6	2.25
192	3/23/2008 12:16	11.31	45.670	29.5	10.47	8.04	6.6	2.33
193	3/23/2008 12:31	11.21	45.942	29.69	10.52	8.04	7.1	2.40
194	3/23/2008 12:46	11.15	46.142	29.83	10.55	8.04	6.8	2.48
195	3/23/2008 13:01	11.12	46.303	29.94	10.6	8.04	6.0	2.54
196	3/23/2008 13:16	11.08	46.576	30.14	10.62	8.04	5.9	2.60
197	3/23/2008 13:31	10.82	47.067	30.48	10.48	8.03	5.6	2.66
198	3/23/2008 13:46	10.7	47.580	30.84	10.76	8.05	5.5	2.71
199	3/23/2008 14:01	10.68	47.728	30.94	10.79	8.05	4.6	2.75
200	3/23/2008 14:16	10.65	47.851	31.03	10.69	8.05	3.7	2.76
201	3/23/2008 14:31	10.58	47.971	31.11	10.42	8.03	4.1	2.77
202	3/23/2008 14:46	10.53	48.066	31.18	10.4	8.02	3.5	2.75
203	3/23/2008 15:01	10.72	47.688	30.92	10.57	8.05	3.7	2.71
204	3/23/2008 15:16	11.07	47.053	30.48	10.89	8.07	5.1	2.67
205	3/23/2008 15:31	11.48	46.481	30.09	10.99	8.08	4.2	2.59
206	3/23/2008 15:46	11.85	45.924	29.71	11.08	8.1	4.5	2.52
207	3/23/2008 16:01	12.17	45.623	29.5	11.13	8.11	4.8	2.42
208	3/23/2008 16:16	12.21	45.607	29.49	11.16	8.11	4.2	2.33
209	3/23/2008 16:31	12.22	45.519	29.43	11.27	8.12	3.7	2.23
210	3/23/2008 16:46	12.31	45.376	29.33	11.36	8.13	4.9	2.15
211	3/23/2008 17:01	12.37	44.998	29.06	11.49	8.13	4.6	2.05
212	3/23/2008 17:16	12.52	44.592	28.78	11.5	8.15	5.1	1.95
213	3/23/2008 17:31	12.65	44.183	28.49	11.49	8.15	4.2	1.86
214	3/23/2008 17:46	12.74	44.100	28.43	11.65	8.16	4.3	1.77
215	3/23/2008 18:01	12.83	43.910	28.3	11.62	8.16	3.8	1.68
216	3/23/2008 18:16	12.88	43.489	28	11.42	8.15	3.5	1.60
217	3/23/2008 18:31	12.9	43.490	28	11.39	8.15	3.4	1.50
218	3/23/2008 18:46	13.01	43.242	27.83	11.25	8.14	3.4	1.46
219	3/23/2008 19:01	13.06	43.186	27.79	11.04	8.13	2.6	1.41
220	3/23/2008 19:16	13.09	43.122	27.75	10.87	8.13	2.1	1.37
221	3/23/2008 19:31	13.07	43.094	27.73	10.78	8.12	3.1	1.36
222	3/23/2008 19:46	12.93	43.279	27.85	11.21	8.13	4.0	1.35
223	3/23/2008 20:01	12.85	43.405	27.94	11.24	8.13	3.9	1.39
224	3/23/2008 20:16	12.77	43.513	28.02	11.2	8.12	4.3	1.43

sonde #3	Indian Island Long-Term Deployment Water Quality Data							TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
225	3/23/2008 20:31	12.81	43.440	27.97	11.2	8.13	4.6	1.48
226	3/23/2008 20:46	12.69	43.636	28.1	11.19	8.12	4.9	1.55
227	3/23/2008 21:01	12.72	43.546	28.04	11.13	8.12	4.8	1.63
228	3/23/2008 21:16	12.64	43.650	28.11	11.11	8.11	4.7	1.71
229	3/23/2008 21:31	12.56	43.894	28.28	11.04	8.1	5.2	1.78
230	3/23/2008 21:46	12.47	44.223	28.51	11.03	8.1	5.7	1.87
231	3/23/2008 22:01	12.35	44.614	28.79	11	8.09	5.4	1.96
232	3/23/2008 22:16	12.19	44.879	28.97	10.9	8.08	5.0	2.04
233	3/23/2008 22:31	12.1	45.072	29.11	10.87	8.08	4.9	2.12
234	3/23/2008 22:46	12.05	45.189	29.19	10.88	8.07	5.1	2.19
235	3/23/2008 23:01	11.93	45.452	29.37	10.85	8.08	5.3	2.28
236	3/23/2008 23:16	11.66	46.120	29.84	10.78	8.06	5.9	2.36
237	3/23/2008 23:31	11.48	46.459	30.07	10.73	8.06	5.3	2.44
238	3/23/2008 23:46	11.41	46.655	30.21	10.72	8.06	5.1	2.51
239	3/24/2008 0:01	11.27	46.927	30.4	10.69	8.05	5.6	2.60
240	3/24/2008 0:16	11.17	47.093	30.51	10.69	8.05	5.9	2.70
241	3/24/2008 0:31	11	47.440	30.75	10.67	8.04	6.0	2.77
242	3/24/2008 0:46	10.88	47.706	30.94	10.64	8.04	5.3	2.86
243	3/24/2008 1:01	10.69	48.147	31.25	10.55	8.03	5.0	2.92
244	3/24/2008 1:16	10.57	48.463	31.47	10.42	8.02	4.6	2.98
245	3/24/2008 1:31	10.49	48.697	31.63	10.32	8.01	3.8	3.05
246	3/24/2008 1:46	10.47	48.787	31.7	10.16	8	3.2	3.07
247	3/24/2008 2:01	10.45	48.864	31.75	10.03	8	2.8	3.11
248	3/24/2008 2:16	10.49	48.797	31.7	9.95	7.99	2.9	3.10
249	3/24/2008 2:31	10.45	48.907	31.78	10.08	8	4.0	3.06
250	3/24/2008 2:46	10.69	48.400	31.43	10.1	8.01	3.4	3.03
251	3/24/2008 3:01	11.1	47.245	30.62	10.18	8.03	5.0	2.95
252	3/24/2008 3:16	11.22	46.966	30.42	10.27	8.03	5.6	2.87
253	3/24/2008 3:31	11.26	46.858	30.35	10.33	8.04	6.0	2.78
254	3/24/2008 3:46	11.35	46.647	30.2	10.38	8.04	5.4	2.68
255	3/24/2008 4:01	11.36	46.615	30.18	10.35	8.04	5.2	2.57
256	3/24/2008 4:16	11.55	46.148	29.85	10.37	8.05	6.2	2.47
257	3/24/2008 4:31	11.64	45.922	29.7	10.33	8.05	6.4	2.37
258	3/24/2008 4:46	11.58	46.002	29.75	10.3	8.04	5.0	2.26
259	3/24/2008 5:01	11.87	45.324	29.28	10.34	8.05	5.4	2.14
260	3/24/2008 5:16	12.08	44.833	28.93	10.34	8.05	6.3	2.02
261	3/24/2008 5:31	11.98	45.012	29.06	10.24	8.04	5.6	1.91
262	3/24/2008 5:46	12.18	44.533	28.72	10.19	8.05	6.2	1.79
263	3/24/2008 6:01	12.21	44.429	28.65	10.04	8.04	6.5	1.67
264	3/24/2008 6:16	12.18	44.506	28.7	9.94	8.04	6.0	1.54
265	3/24/2008 6:31	12.35	44.142	28.45	9.92	8.04	5.7	1.41
266	3/24/2008 6:46	12.41	44.017	28.36	9.87	8.04	5.7	1.32
267	3/24/2008 7:01	12.5	43.775	28.19	9.79	8.04	5.7	1.19
268	3/24/2008 7:16	12.61	43.506	28.01	9.69	8.04	5.4	1.09
269	3/24/2008 7:31	12.64	43.404	27.93	9.54	8.03	4.3	1.03

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	3/24/2008 7:46	12.67	43.327	27.88	9.26	8.02	3.1	0.99
271	3/24/2008 8:01	12.68	43.306	27.87	8.65	7.97	4.9	0.92
272	3/24/2008 8:16	12.68	43.262	27.83	8.42	7.99	3.7	0.92
273	3/24/2008 8:31	12.6	43.399	27.93	9.48	8.02	6.2	0.95
274	3/24/2008 8:46	12.57	43.523	28.02	9.56	8.03	6.0	0.97
275	3/24/2008 9:01	12.58	43.556	28.04	9.72	8.04	5.7	1.01
276	3/24/2008 9:16	12.59	43.517	28.01	9.8	8.04	5.4	1.09
277	3/24/2008 9:31	12.6	43.512	28.01	9.79	8.04	5.0	1.17
278	3/24/2008 9:46	12.59	42.783	27.49	9.78	8.03	6.3	1.24
279	3/24/2008 10:01	12.57	42.779	27.49	9.76	8.03	6.5	1.31
280	3/24/2008 10:16	12.54	43.006	27.65	9.75	8.03	5.6	1.38
281	3/24/2008 10:31	12.52	43.085	27.7	9.76	8.03	5.6	1.46
282	3/24/2008 10:46	12.49	43.355	27.89	9.73	8.04	4.9	1.53
283	3/24/2008 11:01	12.38	43.567	28.04	9.86	8.04	5.2	1.63
284	3/24/2008 11:16	12.3	43.762	28.18	9.97	8.04	5.7	1.70
285	3/24/2008 11:31	12.23	43.976	28.33	10.07	8.04	5.4	1.79
286	3/24/2008 11:46	12.19	44.024	28.36	10.14	8.05	5.6	1.88
287	3/24/2008 12:01	12.04	44.677	28.82	10.21	8.05	4.9	1.96
288	3/24/2008 12:16	11.97	44.903	28.98	10.28	8.04	4.6	2.04
289	3/24/2008 12:31	11.88	45.091	29.11	10.25	8.04	4.6	2.12
290	3/24/2008 12:46	11.77	45.473	29.38	10.23	8.03	4.7	2.21
291	3/24/2008 13:01	11.68	45.776	29.59	10.29	8.03	4.5	2.27
292	3/24/2008 13:16	11.74	45.643	29.5	10.36	8.05	4.6	2.33
293	3/24/2008 13:31	11.58	46.060	29.79	10.33	8.04	5.2	2.41
294	3/24/2008 13:46	11.48	46.270	29.94	10.38	8.03	5.4	2.47
295	3/24/2008 14:01	11.43	46.419	30.04	10.36	8.03	4.8	2.52
296	3/24/2008 14:16	11.23	46.841	30.34	10.15	8.02	3.6	2.57
297	3/24/2008 14:31	11.12	47.178	30.57	10.08	8.02	4.5	2.61
298	3/24/2008 14:46	11.03	47.449	30.76	10.13	8.02	3.1	2.64
299	3/24/2008 15:01	11.19	47.067	30.5	10.07	8.03	2.6	2.63
300	3/24/2008 15:16	11.08	47.414	30.74	9.77	7.99	2.4	2.66
301	3/24/2008 15:31	11.16	47.253	30.63	9.93	8.01	2.9	2.62
302	3/24/2008 15:46	11.38	46.875	30.37	10.25	8.04	3.2	2.57
303	3/24/2008 16:01	11.91	46.325	30	10.52	8.08	4.0	2.53
304	3/24/2008 16:16	12.02	46.173	29.89	10.76	8.1	5.2	2.46
305	3/24/2008 16:31	12.06	46.164	29.89	10.83	8.1	3.8	2.38
306	3/24/2008 16:46	12.11	45.866	29.68	11.11	8.12	5.9	2.30
307	3/24/2008 17:01	12.17	45.783	29.62	11.17	8.13	4.7	2.22
308	3/24/2008 17:16	12.31	45.570	29.47	11.16	8.14	4.2	2.15
309	3/24/2008 17:31	12.34	45.410	29.36	11.08	8.14	4.2	2.07
310	3/24/2008 17:46	12.56	44.850	28.96	11.24	8.16	5.1	1.99
311	3/24/2008 18:01	12.58	44.691	28.85	11.23	8.15	4.2	1.90
312	3/24/2008 18:16	12.71	44.246	28.54	11.14	8.15	4.2	1.83
313	3/24/2008 18:31	12.8	43.959	28.34	11	8.15	4.0	1.78
314	3/24/2008 18:46	12.79	44.021	28.38	10.98	8.16	4.0	1.70

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	3/24/2008 19:01	12.82	43.911	28.3	10.84	8.15	4.3	1.62
316	3/24/2008 19:16	12.89	43.702	28.16	10.71	8.14	3.8	1.59
317	3/24/2008 19:31	12.92	43.636	28.11	10.36	8.13	2.2	1.56
318	3/24/2008 19:46	12.93	43.565	28.06	10.08	8.12	2.7	1.50
319	3/24/2008 20:01	12.88	43.680	28.14	9.82	8.1	2.1	1.51
320	3/24/2008 20:16	12.85	43.704	28.16	10.61	8.13	4.3	1.54
321	3/24/2008 20:31	12.89	43.651	28.12	10.64	8.13	3.9	1.55
322	3/24/2008 20:46	12.86	43.662	28.13	10.6	8.13	4.0	1.57
323	3/24/2008 21:01	12.76	43.926	28.31	10.67	8.12	4.6	1.64
324	3/24/2008 21:16	12.71	44.027	28.38	10.72	8.11	5.2	1.70
325	3/24/2008 21:31	12.79	43.727	28.17	10.73	8.12	5.4	1.76
326	3/24/2008 21:46	12.68	44.032	28.38	10.71	8.11	5.2	1.84
327	3/24/2008 22:01	12.69	43.984	28.35	10.63	8.1	5.3	1.89
328	3/24/2008 22:16	12.33	44.873	28.97	10.57	8.08	5.6	1.98
329	3/24/2008 22:31	12.3	45.015	29.07	10.58	8.08	4.9	2.03
330	3/24/2008 22:46	12.36	44.808	28.93	10.62	8.09	4.9	2.10
331	3/24/2008 23:01	12.12	45.345	29.3	10.51	8.07	5.0	2.18
332	3/24/2008 23:16	12.07	45.361	29.31	10.5	8.08	4.4	2.26
333	3/24/2008 23:31	11.94	45.583	29.47	10.51	8.08	5.1	2.34
334	3/24/2008 23:46	11.81	45.882	29.67	10.52	8.07	5.6	2.41
335	3/25/2008 0:01	11.52	46.589	30.17	10.31	8.04	4.0	2.48
336	3/25/2008 0:16	11.31	47.137	30.55	10.25	8.03	4.2	2.57
337	3/25/2008 0:31	11.2	47.341	30.69	10.19	8.02	4.5	2.63
338	3/25/2008 0:46	11.09	47.672	30.93	10.18	8.02	4.7	2.71
339	3/25/2008 1:01	11.03	47.738	30.97	10.18	8.02	4.6	2.79
340	3/25/2008 1:16	10.92	47.902	31.08	10.17	8.02	4.7	2.87
341	3/25/2008 1:31	10.8	48.125	31.24	10.14	8.01	4.0	2.93
342	3/25/2008 1:46	10.66	48.410	31.43	9.99	8	3.9	2.98
343	3/25/2008 2:01	10.61	48.532	31.52	9.87	7.99	3.0	3.03
344	3/25/2008 2:16	10.52	48.697	31.63	9.76	7.98	2.4	3.06
345	3/25/2008 2:31	10.59	48.595	31.56	9.5	7.97	2.6	3.06
346	3/25/2008 2:46	10.47	48.899	31.78	9.54	7.97	2.2	3.06
347	3/25/2008 3:01	10.48	48.890	31.77	9.76	7.98	4.1	3.02
348	3/25/2008 3:16	10.98	47.697	30.94	9.73	8	3.5	2.97
349	3/25/2008 3:31	11.17	47.235	30.62	9.85	8.02	4.3	2.90
350	3/25/2008 3:46	11.32	46.887	30.37	9.96	8.03	4.2	2.82
351	3/25/2008 4:01	11.33	46.752	30.28	9.92	8.02	4.5	2.74
352	3/25/2008 4:16	11.31	46.819	30.32	9.97	8.02	4.5	2.65
353	3/25/2008 4:31	11.36	46.723	30.26	9.95	8.03	3.9	2.55
354	3/25/2008 4:46	11.51	46.263	29.93	9.94	8.03	4.6	2.45
355	3/25/2008 5:01	11.53	46.193	29.88	9.9	8.03	4.2	2.34
356	3/25/2008 5:16	11.47	46.300	29.96	9.91	8.03	4.3	2.25
357	3/25/2008 5:31	11.77	45.596	29.47	9.96	8.05	5.0	2.14
358	3/25/2008 5:46	11.81	45.410	29.34	9.88	8.05	4.9	2.03
359	3/25/2008 6:01	12.03	44.870	28.96	9.85	8.06	5.1	1.92

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	3/25/2008 6:16	11.86	45.091	29.11	9.78	8.05	5.6	1.81
361	3/25/2008 6:31	12.03	44.570	28.74	9.67	8.04	5.0	1.69
362	3/25/2008 6:46	12.04	44.435	28.65	9.54	8.04	5.7	1.57
363	3/25/2008 7:01	12.13	44.125	28.43	9.48	8.04	5.1	1.45
364	3/25/2008 7:16	12.16	44.016	28.35	9.38	8.04	4.7	1.35
365	3/25/2008 7:31	12.28	43.862	28.25	9.36	8.04	4.4	1.22
366	3/25/2008 7:46	12.33	43.749	28.17	9.31	8.03	4.6	1.13
367	3/25/2008 8:01	12.39	43.641	28.09	9.05	8.03	3.7	1.08
368	3/25/2008 8:16	12.42	43.565	28.04	8.89	8.01	4.0	0.98
369	3/25/2008 8:31	12.43	43.540	28.02	8.62	8	2.7	0.97
370	3/25/2008 8:46	12.43	43.507	28	8.63	8.01	4.1	0.96
371	3/25/2008 9:01	12.4	43.620	28.08	9.31	8.04	5.3	0.94
372	3/25/2008 9:16	12.39	43.692	28.13	9.41	8.04	4.7	0.97
373	3/25/2008 9:31	12.41	43.795	28.2	9.45	8.05	4.9	1.02
374	3/25/2008 9:46	12.4	43.870	28.26	9.53	8.06	4.8	1.08
375	3/25/2008 10:01	12.43	43.860	28.25	9.51	8.06	4.4	1.11
376	3/25/2008 10:16	12.46	42.996	27.64	9.59	8.04	5.9	1.18
377	3/25/2008 10:31	12.41	43.101	27.71	9.51	8.04	5.2	1.26
378	3/25/2008 10:46	12.35	43.298	27.85	9.5	8.04	5.6	1.32
379	3/25/2008 11:01	12.34	43.340	27.88	9.49	8.04	5.5	1.40
380	3/25/2008 11:16	12.3	43.646	28.1	9.52	8.04	5.3	1.48
381	3/25/2008 11:31	12.28	43.637	28.09	9.54	8.04	5.3	1.55
382	3/25/2008 11:46	12.22	43.904	28.28	9.67	8.05	5.2	1.62
383	3/25/2008 12:01	12.19	44.092	28.41	9.79	8.05	5.4	1.71
384	3/25/2008 12:16	12.09	44.629	28.79	9.9	8.05	4.6	1.77
385	3/25/2008 12:31	12.04	44.886	28.97	9.89	8.04	4.3	1.85
386	3/25/2008 12:46	12.04	45.175	29.18	10.1	8.06	4.9	1.94
387	3/25/2008 13:01	11.94	45.533	29.43	10.11	8.06	4.4	2.02
388	3/25/2008 13:16	11.84	45.756	29.59	10.12	8.06	4.1	2.08
389	3/25/2008 13:31	11.88	45.819	29.63	10.17	8.06	3.8	2.15
390	3/25/2008 13:46	11.81	45.948	29.72	10.15	8.06	3.7	2.23
391	3/25/2008 14:01	11.73	46.105	29.83	10.09	8.05	3.8	2.28
392	3/25/2008 14:16	11.67	46.212	29.9	10.1	8.05	3.5	2.34
393	3/25/2008 14:31	11.69	46.276	29.95	10.14	8.05	3.7	2.39
394	3/25/2008 14:46	11.66	46.373	30.02	10.15	8.04	3.7	2.44
395	3/25/2008 15:01	11.62	46.474	30.09	10.19	8.05	3.2	2.48
396	3/25/2008 15:16	11.54	46.622	30.19	10.01	8.04	2.0	2.52
397	3/25/2008 15:31	11.46	46.764	30.29	9.86	8.04	1.7	2.53
398	3/25/2008 15:46	11.63	46.547	30.14	9.7	8.03	1.5	2.54
399	3/25/2008 16:01	11.48	46.786	30.31	9.87	8.02	1.6	2.54
400	3/25/2008 16:16	11.47	46.799	30.32	9.76	8.02	1.3	2.54
401	3/25/2008 16:31	11.54	46.666	30.22	10.08	8.04	3.1	2.49
402	3/25/2008 16:46	11.92	46.299	29.98	10.09	8.06	2.2	2.46
403	3/25/2008 17:01	12.13	46.063	29.82	10.19	8.06	2.5	2.41
404	3/25/2008 17:16	12.43	45.819	29.65	10.31	8.08	2.4	2.34

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
405	3/25/2008 17:31	12.56	45.780	29.63	10.39	8.08	2.2	2.27
406	3/25/2008 17:46	12.38	45.913	29.72	10.48	8.09	2.8	2.21
407	3/25/2008 18:01	12.56	45.617	29.51	10.72	8.12	2.7	2.14
408	3/25/2008 18:16	12.71	45.095	29.15	10.83	8.12	3.8	2.07
409	3/25/2008 18:31	12.73	45.062	29.12	10.81	8.13	3.7	2.01
410	3/25/2008 18:46	12.87	44.689	28.86	10.83	8.13	3.3	1.95
411	3/25/2008 19:01	12.91	44.567	28.77	10.8	8.13	2.7	1.90
412	3/25/2008 19:16	12.89	44.702	28.87	10.79	8.13	2.7	1.84
413	3/25/2008 19:31	12.9	44.556	28.77	10.65	8.12	2.2	1.80
414	3/25/2008 19:46	12.98	44.337	28.61	10.44	8.11	1.5	1.78
415	3/25/2008 20:01	13.02	44.237	28.54	9.84	8.08	0.7	1.74
416	3/25/2008 20:16	13.03	44.219	28.53	9.92	8.09	1.3	1.72
417	3/25/2008 20:31	13.07	44.074	28.43	10.25	8.11	2.4	1.73
418	3/25/2008 20:46	13.04	44.064	28.42	10.45	8.12	2.4	1.73
419	3/25/2008 21:01	13.09	43.976	28.36	10.52	8.12	2.7	1.76
420	3/25/2008 21:16	12.85	44.508	28.73	10.54	8.11	3.4	1.80
421	3/25/2008 21:31	12.9	44.253	28.55	10.62	8.12	3.5	1.83
422	3/25/2008 21:46	12.87	44.411	28.66	10.54	8.11	3.7	1.87
423	3/25/2008 22:01	12.83	44.357	28.62	10.55	8.11	4.0	1.93
424	3/25/2008 22:16	12.64	45.025	29.09	10.5	8.09	4.2	1.99
425	3/25/2008 22:31	12.64	44.876	28.99	10.44	8.09	4.5	2.04
426	3/25/2008 22:46	12.48	45.252	29.25	10.46	8.09	4.3	2.12
427	3/25/2008 23:01	12.39	45.479	29.41	10.42	8.08	4.2	2.18
428	3/25/2008 23:16	12.36	45.439	29.38	10.41	8.09	3.8	2.23
429	3/25/2008 23:31	12.13	45.806	29.63	10.31	8.07	3.8	2.29
430	3/25/2008 23:46	12.02	45.955	29.74	10.36	8.07	4.3	2.35
431	3/26/2008 0:01	11.94	46.059	29.81	10.37	8.07	4.7	2.43
432	3/26/2008 0:16	11.84	46.233	29.93	10.34	8.07	4.5	2.49
433	3/26/2008 0:31	11.73	46.435	30.07	10.33	8.06	4.4	2.57
434	3/26/2008 0:46	11.49	46.868	30.37	10.24	8.04	3.8	2.63
435	3/26/2008 1:01	11.3	47.323	30.69	10.1	8.02	3.5	2.71
436	3/26/2008 1:16	11.1	47.796	31.02	10.01	8	3.5	2.78
437	3/26/2008 1:31	10.86	48.395	31.43	9.9	7.98	3.5	2.84
438	3/26/2008 1:46	10.79	48.531	31.53	9.89	7.98	3.2	2.90
439	3/26/2008 2:01	10.73	48.595	31.57	9.85	7.98	3.3	2.96
440	3/26/2008 2:16	10.68	48.684	31.63	9.78	7.97	3.0	2.99
441	3/26/2008 2:31	10.66	48.694	31.64	9.72	7.97	3.2	3.03
442	3/26/2008 2:46	10.61	48.796	31.71	9.61	7.95	2.2	3.06
443	3/26/2008 3:01	10.71	48.592	31.57	9.34	7.95	2.3	3.06
444	3/26/2008 3:16	10.65	48.788	31.71	9.25	7.93	1.5	3.04
445	3/26/2008 3:31	10.93	47.637	30.89	9.41	7.97	2.9	3.01
446	3/26/2008 3:46	11.1	47.455	30.77	9.52	7.99	4.5	2.96
447	3/26/2008 4:01	11.21	46.935	30.4	9.61	8	4.6	2.90
448	3/26/2008 4:16	11.44	46.755	30.28	9.67	8.02	3.9	2.84
449	3/26/2008 4:31	11.54	46.628	30.2	9.66	8.01	3.8	2.76

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	3/26/2008 4:46	11.45	46.820	30.33	9.67	8.01	3.8	2.67
451	3/26/2008 5:01	11.32	47.075	30.51	9.68	8.01	4.2	2.58
452	3/26/2008 5:16	11.46	46.672	30.23	9.72	8.02	4.0	2.49
453	3/26/2008 5:31	11.49	46.523	30.12	9.65	8.01	3.8	2.39
454	3/26/2008 5:46	11.59	46.229	29.91	9.66	8.02	3.9	2.30
455	3/26/2008 6:01	11.76	45.796	29.61	9.68	8.04	4.9	2.20
456	3/26/2008 6:16	11.8	45.703	29.55	9.67	8.04	4.2	2.10
457	3/26/2008 6:31	11.96	45.217	29.2	9.59	8.03	4.8	2.01
458	3/26/2008 6:46	12.09	44.833	28.93	9.5	8.04	4.3	1.89
459	3/26/2008 7:01	11.96	45.015	29.06	9.43	8.03	4.6	1.79
460	3/26/2008 7:16	11.98	44.950	29.01	9.39	8.03	4.5	1.68
461	3/26/2008 7:31	12.02	44.818	28.92	9.31	8.03	4.5	1.57
462	3/26/2008 7:46	12.14	44.565	28.74	9.23	8.02	5.1	1.46
463	3/26/2008 8:01	12.22	44.415	28.64	9.18	8.03	4.0	1.36
464	3/26/2008 8:16	12.26	44.319	28.57	8.99	8.01	3.4	1.27
465	3/26/2008 8:31	12.3	44.203	28.49	8.81	8.01	3.2	1.20
466	3/26/2008 8:46	12.34	44.144	28.45	8.62	8.01	4.0	1.13
467	3/26/2008 9:01	12.37	44.093	28.42	8.49	8.01	3.2	1.07
468	3/26/2008 9:16	12.38	44.071	28.4	7.94	7.99	2.8	1.03
469	3/26/2008 9:31	12.37	44.140	28.45	8.87	8.03	5.1	1.03
470	3/26/2008 9:46	12.32	44.181	28.48	9.25	8.04	5.4	1.06
471	3/26/2008 10:01	12.28	44.400	28.63	9.3	8.04	4.8	1.07
472	3/26/2008 10:16	12.31	44.383	28.62	9.41	8.05	4.3	1.11
473	3/26/2008 10:31	12.31	44.407	28.64	9.44	8.05	4.5	1.17
474	3/26/2008 10:46	12.33	42.932	27.59	9.48	8.03	7.1	1.22
475	3/26/2008 11:01	12.35	42.656	27.39	9.41	8.02	6.8	1.28
476	3/26/2008 11:16	12.32	43.143	27.74	9.4	8.03	6.2	1.34
477	3/26/2008 11:31	12.39	42.639	27.38	9.44	8.03	6.7	1.40
478	3/26/2008 11:46	12.38	42.914	27.58	9.46	8.03	6.7	1.47
479	3/26/2008 12:01	12.39	42.957	27.61	9.47	8.04	6.7	1.55
480	3/26/2008 12:16	12.36	43.398	27.92	9.6	8.05	6.7	1.61
481	3/26/2008 12:31	12.21	44.210	28.49	9.61	8.05	5.8	1.69
482	3/26/2008 12:46	12.04	44.865	28.96	9.55	8.03	4.9	1.76
483	3/26/2008 13:01	11.93	45.306	29.27	9.6	8.04	4.3	1.83
484	3/26/2008 13:16	11.85	45.553	29.44	9.54	8.03	3.8	1.91
485	3/26/2008 13:31	11.84	45.702	29.55	9.65	8.04	3.9	1.99
486	3/26/2008 13:46	11.85	45.808	29.62	9.74	8.04	3.8	2.03
487	3/26/2008 14:01	11.83	45.867	29.66	9.73	8.04	3.5	2.09
488	3/26/2008 14:16	11.8	45.939	29.71	9.8	8.05	3.7	2.15
489	3/26/2008 14:31	11.7	46.103	29.83	9.79	8.04	3.5	2.21
490	3/26/2008 14:46	11.64	46.173	29.88	9.78	8.04	4.0	2.27
491	3/26/2008 15:01	11.62	46.253	29.93	9.82	8.03	3.6	2.31
492	3/26/2008 15:16	11.58	46.363	30.01	9.87	8.04	4.3	2.37
493	3/26/2008 15:31	11.56	46.428	30.06	9.89	8.04	3.7	2.40
494	3/26/2008 15:46	11.55	46.458	30.08	9.86	8.02	3.0	2.44

sonde #3	Indian Island Long-Term Deployment Water Quality Data							TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
495	3/26/2008 16:01	11.53	46.491	30.1	9.73	8.03	2.2	2.47
496	3/26/2008 16:16	11.47	46.615	30.19	9.66	8.03	2.6	2.50
497	3/26/2008 16:31	11.5	46.621	30.19	9.02	7.99	0.7	2.50
498	3/26/2008 16:46	11.47	46.679	30.23	9.34	8	1.8	2.50
499	3/26/2008 17:01	11.49	46.666	30.22	9.35	7.99	1.4	2.49
500	3/26/2008 17:16	11.51	46.610	30.18	9.48	8	1.5	2.45
501	3/26/2008 17:31	11.55	46.502	30.11	9.51	8.01	1.7	2.41
502	3/26/2008 17:46	11.7	46.367	30.02	9.49	8.03	1.8	2.37
503	3/26/2008 18:01	11.85	46.268	29.95	9.59	8.05	1.6	2.33
504	3/26/2008 18:16	11.97	46.044	29.8	9.92	8.07	4.0	2.27
505	3/26/2008 18:31	11.93	46.066	29.81	9.92	8.08	2.7	2.22
506	3/26/2008 18:46	11.93	46.004	29.77	9.9	8.08	2.9	2.16
507	3/26/2008 19:01	11.96	45.847	29.66	10.04	8.09	3.5	2.10
508	3/26/2008 19:16	11.98	45.660	29.52	9.97	8.09	3.5	2.06
509	3/26/2008 19:31	12.03	45.490	29.4	9.91	8.08	2.9	2.01
510	3/26/2008 19:46	12.06	45.285	29.26	9.81	8.08	3.0	1.96
511	3/26/2008 20:01	12.01	45.299	29.26	9.74	8.07	2.7	1.93
512	3/26/2008 20:16	12.04	45.181	29.18	9.56	8.07	1.5	1.91
513	3/26/2008 20:31	12.06	45.070	29.1	9.46	8.07	2.1	1.89
514	3/26/2008 20:46	12.08	45.026	29.07	8.98	8.03	0.7	1.87
515	3/26/2008 21:01	12.04	45.081	29.11	8.7	8.03	1.2	1.87
516	3/26/2008 21:16	12.02	44.967	29.03	9.41	8.07	3.2	1.89
517	3/26/2008 21:31	12	44.854	28.95	9.65	8.07	3.3	1.89
518	3/26/2008 21:46	12.03	44.908	28.99	9.66	8.07	3.1	1.92
519	3/26/2008 22:01	12.03	45.175	29.18	9.56	8.07	3.2	1.96
520	3/26/2008 22:16	12.01	45.364	29.31	9.71	8.07	3.8	2.01
521	3/26/2008 22:31	11.98	45.471	29.39	9.69	8.07	3.8	2.04
522	3/26/2008 22:46	11.96	45.409	29.34	9.71	8.07	4.3	2.09
523	3/26/2008 23:01	11.95	45.472	29.39	9.71	8.07	3.9	2.15
524	3/26/2008 23:16	11.93	45.576	29.46	9.69	8.06	3.7	2.19
525	3/26/2008 23:31	11.83	45.906	29.69	9.67	8.05	4.1	2.24
526	3/26/2008 23:46	11.76	46.040	29.79	9.64	8.04	4.0	2.28
527	3/27/2008 0:01	11.69	46.164	29.87	9.66	8.04	3.8	2.35
528	3/27/2008 0:16	11.62	46.155	29.86	9.73	8.04	3.6	2.41
529	3/27/2008 0:31	11.51	46.303	29.96	9.71	8.04	3.7	2.46
530	3/27/2008 0:46	11.41	46.351	29.99	9.73	8.03	3.4	2.52
531	3/27/2008 1:01	11.31	46.539	30.12	9.78	8.03	4.1	2.58
532	3/27/2008 1:16	11.26	46.623	30.18	9.77	8.03	4.0	2.64
533	3/27/2008 1:31	11.18	46.721	30.25	9.77	8.03	3.4	2.71
534	3/27/2008 1:46	11.08	46.929	30.39	9.78	8.02	3.1	2.76
535	3/27/2008 2:01	11.01	47.079	30.5	9.74	8.01	3.1	2.82
536	3/27/2008 2:16	10.84	47.630	30.88	9.71	8	2.6	2.86
537	3/27/2008 2:31	10.74	47.689	30.92	9.64	8	2.6	2.91
538	3/27/2008 2:46	10.7	47.861	31.04	9.59	7.98	2.6	2.95
539	3/27/2008 3:01	10.64	48.059	31.18	9.5	7.97	2.3	2.97

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	3/27/2008 3:16	10.64	47.998	31.14	9.3	7.96	1.4	2.99
541	3/27/2008 3:31	10.62	48.324	31.37	8.38	7.9	1.1	2.99
542	3/27/2008 3:46	10.59	48.517	31.51	8.78	7.92	1.3	2.97
543	3/27/2008 4:01	10.6	48.530	31.52	9.22	7.95	2.0	2.95
544	3/27/2008 4:16	10.78	48.008	31.15	9.27	7.96	2.1	2.91
545	3/27/2008 4:31	10.91	47.243	30.61	9.16	7.98	2.7	2.86
546	3/27/2008 4:46	11.02	46.561	30.12	9.14	7.99	3.2	2.81
547	3/27/2008 5:01	10.96	46.777	30.28	9.21	7.99	2.6	2.74
548	3/27/2008 5:16	11.05	46.718	30.24	9.16	7.99	2.5	2.66
549	3/27/2008 5:31	11.05	46.716	30.24	9.1	7.99	3.0	2.58
550	3/27/2008 5:46	11.07	46.732	30.25	9.23	7.99	4.3	2.50
551	3/27/2008 6:01	11.1	46.619	30.17	9.3	8	4.9	2.43
552	3/27/2008 6:16	11.08	46.475	30.07	9.32	8.01	4.5	2.33
553	3/27/2008 6:31	10.93	46.511	30.08	9.26	8	4.3	2.24
554	3/27/2008 6:46	11.18	45.682	29.5	9.24	8.02	5.1	2.14
555	3/27/2008 7:01	11.09	45.677	29.49	9.22	8.02	4.5	2.05
556	3/27/2008 7:16	10.97	45.724	29.52	9.13	8.01	4.4	1.95
557	3/27/2008 7:31	10.95	45.507	29.37	9.06	8.01	5.2	1.85
558	3/27/2008 7:46	11.01	45.090	29.07	8.99	8.01	4.3	1.75
559	3/27/2008 8:01	10.93	44.867	28.91	8.88	8	4.5	1.64
560	3/27/2008 8:16	10.94	44.543	28.68	8.77	8	5.1	1.54
561	3/27/2008 8:31	10.95	44.266	28.48	8.61	7.99	5.2	1.46
562	3/27/2008 8:46	10.95	44.148	28.4	8.59	7.99	4.7	1.37
563	3/27/2008 9:01	10.97	44.096	28.36	8.43	7.98	3.0	1.29
564	3/27/2008 9:16	10.96	44.081	28.35	8.04	7.95	2.9	1.23
565	3/27/2008 9:31	11.03	44.033	28.32	7.74	7.94	2.9	1.17
566	3/27/2008 9:46	11.07	43.985	28.29	7.45	7.93	3.4	1.14
567	3/27/2008 10:01	11.1	43.994	28.29	6.54	7.85	2.2	1.11
568	3/27/2008 10:16	11.14	43.992	28.29	8.36	8	4.9	1.10
569	3/27/2008 10:31	11.16	44.104	28.37	8.77	8.01	5.1	1.12
570	3/27/2008 10:46	11.18	44.337	28.54	8.87	8.01	5.0	1.13
571	3/27/2008 11:01	11.24	44.328	28.54	8.84	8.01	5.0	1.15
572	3/27/2008 11:16	11.3	44.324	28.54	8.95	8.02	5.1	1.21
573	3/27/2008 11:31	11.26	44.375	28.57	8.79	8	23.5	1.25
574	3/27/2008 11:46	11.25	44.382	28.58	8.7	7.99	4.2	1.28
575	3/27/2008 12:01	11.41	43.999	28.31	8.98	8.02	5.4	1.35
576	3/27/2008 12:16	11.38	44.117	28.39	8.96	8.02	4.6	1.40
577	3/27/2008 12:31	11.37	44.151	28.42	8.93	8.01	4.6	1.44
578	3/27/2008 12:46	11.34	44.278	28.51	8.96	8.02	4.6	1.50
579	3/27/2008 13:01	11.32	44.339	28.55	8.93	8.01	4.8	1.57
580	3/27/2008 13:16	11.31	44.404	28.6	8.94	8.01	7.8	1.63
581	3/27/2008 13:31	11.24	44.818	28.89	8.96	8	4.3	1.69
582	3/27/2008 13:46	11.23	44.990	29.01	9.06	8	3.7	1.76
583	3/27/2008 14:01	11.27	45.159	29.13	9.17	8.01	4.1	1.81
584	3/27/2008 14:16	11.34	45.181	29.15	9.37	8.03	4.2	1.89

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
585	3/27/2008 14:31	11.32	45.483	29.37	9.42	8.03	4.0	1.94
586	3/27/2008 14:46	11.37	45.481	29.37	9.46	8.03	3.7	2.00
587	3/27/2008 15:01	11.33	45.723	29.54	9.42	8.02	3.3	2.06
588	3/27/2008 15:16	11.25	46.051	29.77	9.27	8.01	2.6	2.10
589	3/27/2008 15:31	11.27	46.110	29.81	9.37	8.02	3.1	2.16
590	3/27/2008 15:46	11.34	46.133	29.83	9.38	8.01	2.9	2.19
591	3/27/2008 16:01	11.35	46.197	29.88	9.4	8.02	2.4	2.23
592	3/27/2008 16:16	11.37	46.271	29.93	9.41	8.01	2.5	2.28
593	3/27/2008 16:31	11.38	46.308	29.96	9.42	8.02	2.0	2.30
594	3/27/2008 16:46	11.35	46.358	29.99	9.4	8.01	2.0	2.32
595	3/27/2008 17:01	11.32	46.454	30.06	9.25	8	1.4	2.34
596	3/27/2008 17:16	11.31	46.516	30.11	8.65	7.98	0.7	2.36
597	3/27/2008 17:31	11.31	46.509	30.1	7.89	7.93	1.5	2.35
598	3/27/2008 17:46	11.26	46.545	30.12	7.82	7.91	0.7	2.35
599	3/27/2008 18:01	11.28	46.499	30.09	7.35	7.89	1.6	2.34
600	3/27/2008 18:16	11.26	46.497	30.09	8.51	7.96	1.4	2.31
601	3/27/2008 18:31	11.47	46.191	29.88	8.39	7.97	1.2	2.30
602	3/27/2008 18:46	11.8	45.802	29.62	9.29	8.03	2.3	2.26
603	3/27/2008 19:01	11.65	45.944	29.71	8.43	7.99	1.0	2.23
604	3/27/2008 19:16	11.65	45.961	29.72	8.18	7.96	1.0	2.19
605	3/27/2008 19:31	12.06	45.594	29.48	9.2	8.05	1.2	2.15
606	3/27/2008 19:46	11.84	45.519	29.42	9.32	8.05	1.2	2.12
607	3/27/2008 20:01	11.9	45.434	29.36	9.41	8.07	1.7	2.09
608	3/27/2008 20:16	12.03	45.303	29.27	9.6	8.09	1.6	2.06
609	3/27/2008 20:31	11.97	45.298	29.26	9.49	8.07	1.4	2.03
610	3/27/2008 20:46	11.86	45.221	29.2	9.41	8.04	1.4	2.02
611	3/27/2008 21:01	11.84	45.088	29.11	9.03	8.01	0.6	2.00
612	3/27/2008 21:16	11.8	45.101	29.11	8.48	8	0.6	1.99
613	3/27/2008 21:31	11.77	45.110	29.12	7.61	7.94	1.0	1.98
614	3/27/2008 21:46	11.87	44.929	28.99	8.51	8.05	1.9	1.98
615	3/27/2008 22:01	11.77	45.032	29.06	9.39	8.08	2.4	1.99
616	3/27/2008 22:16	11.69	44.874	28.95	9.18	8.07	1.6	2.01
617	3/27/2008 22:31	11.9	44.994	29.04	9.53	8.07	3.3	2.02
618	3/27/2008 22:46	11.87	45.174	29.17	9.75	8.06	3.8	2.06
619	3/27/2008 23:01	11.69	45.659	29.51	9.39	8.03	3.0	2.08
620	3/27/2008 23:16	11.79	45.330	29.28	9.63	8.06	3.7	2.11
621	3/27/2008 23:31	11.58	45.843	29.64	9.34	8	3.0	2.16
622	3/27/2008 23:46	11.4	46.244	29.92	9.45	8.02	2.9	2.19
623	3/28/2008 0:01	11.37	46.406	30.03	9.47	8.02	3.1	2.24
624	3/28/2008 0:16	11.4	46.309	29.96	9.51	8.02	3.4	2.28
625	3/28/2008 0:31	11.31	46.520	30.11	9.57	8.02	3.0	2.33
626	3/28/2008 0:46	11.27	46.572	30.14	9.6	8.02	3.2	2.38
627	3/28/2008 1:01	11.28	46.592	30.16	9.65	8.02	3.2	2.43
628	3/28/2008 1:16	11.16	46.884	30.36	9.72	8.02	3.1	2.48
629	3/28/2008 1:31	10.83	47.719	30.95	9.87	8.01	2.6	2.53

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
630	3/28/2008 1:46	10.89	47.546	30.82	9.85	8.01	2.7	2.58
631	3/28/2008 2:01	10.67	47.926	31.09	9.84	8	2.2	2.63
632	3/28/2008 2:16	10.61	48.095	31.2	9.78	7.99	2.6	2.68
633	3/28/2008 2:31	10.61	48.103	31.21	9.76	8	2.3	2.72
634	3/28/2008 2:46	10.57	48.160	31.25	9.78	7.99	2.5	2.77
635	3/28/2008 3:01	10.48	48.345	31.38	9.74	7.98	2.5	2.81
636	3/28/2008 3:16	10.45	48.280	31.33	9.73	7.98	2.3	2.84
637	3/28/2008 3:31	10.4	48.417	31.42	9.68	7.98	2.0	2.86
638	3/28/2008 3:46	10.35	48.550	31.52	9.41	7.97	1.7	2.88
639	3/28/2008 4:01	10.47	48.192	31.27	9.19	7.98	1.1	2.89
640	3/28/2008 4:16	10.49	48.109	31.21	8.5	7.94	1.2	2.89
641	3/28/2008 4:31	10.49	48.246	31.31	8.17	7.92	1.0	2.88
642	3/28/2008 4:46	10.61	48.003	31.14	8.62	7.95	1.8	2.85
643	3/28/2008 5:01	10.77	46.991	30.42	8.98	7.97	2.3	2.82
644	3/28/2008 5:16	10.76	46.597	30.14	9.09	7.98	2.1	2.77
645	3/28/2008 5:31	10.8	46.397	30	9.19	7.99	2.7	2.72
646	3/28/2008 5:46	10.79	46.422	30.01	9.17	7.99	2.8	2.65
647	3/28/2008 6:01	10.73	46.633	30.16	9.26	7.99	2.5	2.59
648	3/28/2008 6:16	10.79	46.711	30.22	9.13	7.98	2.3	2.50
649	3/28/2008 6:31	10.88	46.454	30.04	9.15	7.99	4.0	2.43
650	3/28/2008 6:46	10.87	46.552	30.11	9.14	7.99	2.8	2.35
651	3/28/2008 7:01	10.88	46.451	30.04	9.09	7.99	2.6	2.27
652	3/28/2008 7:16	10.94	46.161	29.83	9.13	8	3.9	2.19
653	3/28/2008 7:31	10.97	46.171	29.84	9.18	8	4.1	2.11
654	3/28/2008 7:46	11	46.051	29.76	9.17	8.01	3.9	2.03
655	3/28/2008 8:01	11.01	45.973	29.7	9.03	8	4.0	1.94
656	3/28/2008 8:16	11.13	45.562	29.41	9.02	8.01	3.8	1.85
657	3/28/2008 8:31	11.17	45.362	29.27	8.9	8.01	3.1	1.77
658	3/28/2008 8:46	11.08	45.449	29.33	8.82	8	2.8	1.67
659	3/28/2008 9:01	11.18	45.132	29.11	8.7	8	2.7	1.58
660	3/28/2008 9:16	11.2	45.021	29.03	8.63	8	2.9	1.49
661	3/28/2008 9:31	11.22	44.908	28.95	8.33	7.99	3.1	1.42
662	3/28/2008 9:46	11.28	44.751	28.84	8.37	7.99	3.4	1.35
663	3/28/2008 10:01	11.31	44.630	28.76	7.85	7.98	2.6	1.28
664	3/28/2008 10:16	11.34	44.548	28.7	7.86	7.97	2.7	1.24
665	3/28/2008 10:31	11.35	44.519	28.68	6.94	7.9	2.0	1.20
666	3/28/2008 10:46	11.35	44.500	28.67	7.01	7.9	1.5	1.19
667	3/28/2008 11:01	11.35	44.489	28.66	7.63	7.97	3.8	1.17
668	3/28/2008 11:16	11.35	44.495	28.66	8.54	8.01	3.7	1.16
669	3/28/2008 11:31	11.35	44.546	28.7	8.78	8.01	4.2	1.17
670	3/28/2008 11:46	11.33	44.638	28.76	8.88	8.01	4.6	1.19
671	3/28/2008 12:01	11.34	44.678	28.79	8.96	8.02	4.3	1.23
672	3/28/2008 12:16	11.32	44.786	28.87	9	8.02	3.7	1.24
673	3/28/2008 12:31	11.3	44.748	28.84	8.9	8.01	4.2	1.29
674	3/28/2008 12:46	11.29	44.824	28.89	8.87	8.01	4.0	1.33

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	3/28/2008 13:01	11.28	44.708	28.81	8.94	8.01	4.6	1.37
676	3/28/2008 13:16	11.25	44.826	28.89	8.93	8	4.0	1.41
677	3/28/2008 13:31	11.23	44.879	28.93	8.82	8	3.8	1.46
678	3/28/2008 13:46	11.2	44.971	29	8.87	7.98	4.2	1.53
679	3/28/2008 14:01	11.18	45.176	29.14	8.99	7.99	4.1	1.56
680	3/28/2008 14:16	11.14	45.303	29.23	9.04	7.99	3.4	1.62
681	3/28/2008 14:31	11.09	45.506	29.37	9.09	7.99	4.0	1.68
682	3/28/2008 14:46	11.06	45.680	29.49	9.19	8	3.8	1.76
683	3/28/2008 15:01	11.04	45.762	29.55	9.25	8	3.3	1.82
684	3/28/2008 15:16	10.97	46.018	29.73	9.09	8	2.9	1.87
685	3/28/2008 15:31	10.96	46.159	29.83	9.06	7.99	2.6	1.94
686	3/28/2008 15:46	10.94	46.245	29.89	9.06	7.99	2.5	1.99
687	3/28/2008 16:01	10.93	46.333	29.96	9.15	8	2.3	2.02
688	3/28/2008 16:16	10.93	46.433	30.03	9.24	8	2.3	2.06
689	3/28/2008 16:31	10.93	46.372	29.98	9.12	8	2.8	2.10
690	3/28/2008 16:46	10.94	46.371	29.98	9.19	8	3.4	2.13
691	3/28/2008 17:01	10.97	46.151	29.83	8.74	7.98	2.6	2.14
692	3/28/2008 17:16	10.99	46.095	29.79	8.19	7.94	1.4	2.17
693	3/28/2008 17:31	10.96	46.126	29.81	8.53	7.98	2.7	2.20
694	3/28/2008 17:46	10.95	46.228	29.88	8.88	7.99	2.7	2.21
695	3/28/2008 18:01	10.98	46.034	29.74	7.84	7.92	1.0	2.22
696	3/28/2008 18:16	10.99	45.989	29.71	6.88	7.86	0.6	2.25
697	3/28/2008 18:31	10.99	46.026	29.74	6.19	7.81	0.5	2.27
698	3/28/2008 18:46	10.98	46.054	29.76	6.42	7.83	0.7	2.26
699	3/28/2008 19:01	10.96	46.136	29.82	6.7	7.86	0.7	2.26
700	3/28/2008 19:16	10.92	46.273	29.91	8.05	7.94	2.2	2.26
701	3/28/2008 19:31	10.91	46.276	29.91	8.28	7.94	1.3	2.25
702	3/28/2008 19:46	10.91	46.273	29.91	8.52	7.95	1.5	2.23
703	3/28/2008 20:01	10.87	46.281	29.92	8.2	7.94	1.3	2.21
704	3/28/2008 20:16	10.73	46.193	29.85	7.85	7.94	1.7	2.20
705	3/28/2008 20:31	10.58	46.158	29.81	7.71	7.94	2.5	2.17
706	3/28/2008 20:46	10.53	45.970	29.68	8.3	7.97	5.4	2.14
707	3/28/2008 21:01	10.67	45.766	29.54	8.67	7.98	5.7	2.13
708	3/28/2008 21:16	10.61	45.794	29.55	8.94	8	4.8	2.11
709	3/28/2008 21:31	10.57	45.781	29.54	8.85	7.99	3.7	2.09
710	3/28/2008 21:46	10.46	45.817	29.56	8.67	7.98	3.7	2.08
711	3/28/2008 22:01	10.58	45.682	29.47	8.57	7.96	3.4	2.08
712	3/28/2008 22:16	10.55	45.620	29.43	8.65	7.98	3.7	2.06
713	3/28/2008 22:31	10.48	45.583	29.4	8.12	7.93	3.2	2.07
714	3/28/2008 22:46	10.41	45.598	29.4	7.7	7.91	2.1	2.07
715	3/28/2008 23:01	10.44	45.723	29.49	8.01	7.93	2.4	2.06
716	3/28/2008 23:16	10.48	45.721	29.49	8.81	7.99	5.0	2.08
717	3/28/2008 23:31	10.46	45.640	29.44	8.8	7.99	5.1	2.09
718	3/28/2008 23:46	10.4	45.521	29.35	8.8	7.98	4.4	2.11
719	3/29/2008 0:01	10.36	45.383	29.25	8.9	7.98	4.9	2.13

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
720	3/29/2008 0:16	10.4	45.542	29.36	9.03	7.99	6.1	2.16
721	3/29/2008 0:31	10.59	45.834	29.58	8.99	8	6.1	2.19
722	3/29/2008 0:46	10.62	45.777	29.54	8.94	7.99	5.4	2.23
723	3/29/2008 1:01	10.65	45.976	29.69	9.02	7.99	5.9	2.26
724	3/29/2008 1:16	10.72	46.312	29.93	9.07	7.99	4.8	2.30
725	3/29/2008 1:31	10.71	46.595	30.13	9.18	7.99	4.7	2.35
726	3/29/2008 1:46	10.69	46.692	30.2	9.2	7.99	5.2	2.38
727	3/29/2008 2:01	10.61	46.992	30.41	9.27	7.99	4.0	2.42
728	3/29/2008 2:16	10.55	47.121	30.5	9.34	8	3.7	2.48
729	3/29/2008 2:31	10.47	47.354	30.66	9.42	7.99	3.4	2.52
730	3/29/2008 2:46	10.42	47.463	30.74	9.44	7.99	3.3	2.56
731	3/29/2008 3:01	10.33	47.736	30.93	9.43	7.99	2.5	2.60
732	3/29/2008 3:16	10.29	47.862	31.02	9.37	7.98	2.8	2.63
733	3/29/2008 3:31	10.26	47.885	31.03	9.33	7.98	3.2	2.68
734	3/29/2008 3:46	10.24	47.877	31.03	9.25	7.97	2.8	2.70
735	3/29/2008 4:01	10.23	47.672	30.88	9.21	7.98	3.1	2.72
736	3/29/2008 4:16	10.18	47.282	30.59	9.13	7.98	3.1	2.75
737	3/29/2008 4:31	10.14	47.345	30.64	8.93	7.98	2.7	2.76
738	3/29/2008 4:46	10.12	47.511	30.76	8.87	7.97	1.3	2.78
739	3/29/2008 5:01	10.13	47.473	30.73	8.34	7.95	1.5	2.77
740	3/29/2008 5:16	10.22	47.494	30.75	7.59	7.91	1.4	2.76
741	3/29/2008 5:31	10.24	47.793	30.97	8.6	7.95	1.9	2.73
742	3/29/2008 5:46	9.84	46.372	29.92	8.65	7.95	3.2	2.72
743	3/29/2008 6:01	9.76	46.218	29.81	8.67	7.94	3.5	2.67
744	3/29/2008 6:16	9.67	46.167	29.77	8.83	7.95	4.5	2.61
745	3/29/2008 6:31	9.68	46.040	29.68	8.78	7.95	4.0	2.56
746	3/29/2008 6:46	9.66	46.267	29.84	8.76	7.96	3.4	2.51
747	3/29/2008 7:01	9.65	46.288	29.85	8.89	7.95	4.0	2.45
748	3/29/2008 7:16	10	46.515	30.03	8.75	7.94	3.2	2.39
749	3/29/2008 7:31	9.89	46.315	29.89	8.53	7.94	3.3	2.32
750	3/29/2008 7:46	9.79	46.046	29.69	8.61	7.94	4.1	2.26
751	3/29/2008 8:01	9.84	46.142	29.76	8.68	7.95	3.5	2.20
752	3/29/2008 8:16	9.82	46.055	29.7	8.65	7.94	4.1	2.10
753	3/29/2008 8:31	9.81	45.981	29.64	8.74	7.95	4.6	2.03
754	3/29/2008 8:46	9.78	45.991	29.65	8.79	7.95	5.2	1.95
755	3/29/2008 9:01	9.83	45.681	29.43	8.68	7.95	4.0	1.88
756	3/29/2008 9:16	9.73	45.755	29.48	8.78	7.95	4.5	1.78
757	3/29/2008 9:31	9.78	45.511	29.31	8.76	7.95	5.0	1.70
758	3/29/2008 9:46	9.77	45.368	29.2	8.65	7.95	3.8	1.62
759	3/29/2008 10:01	9.81	45.231	29.11	8.65	7.95	3.4	1.53
760	3/29/2008 10:16	9.84	45.144	29.05	8.62	7.95	3.3	1.45
761	3/29/2008 10:31	9.86	45.095	29.01	8.64	7.96	3.5	1.38
762	3/29/2008 10:46	9.93	45.082	29.01	8.65	7.96	3.3	1.32
763	3/29/2008 11:01	10	45.163	29.07	8.4	7.95	2.3	1.27
764	3/29/2008 11:16	10.03	45.169	29.08	8.09	7.92	1.6	1.22

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	3/29/2008 11:31	10.05	45.166	29.07	7.85	7.91	1.5	1.17
766	3/29/2008 11:46	10.08	45.183	29.09	7.36	7.88	1.6	1.16
767	3/29/2008 12:01	10.11	45.234	29.13	7.77	7.95	2.9	1.14
768	3/29/2008 12:16	10.17	45.296	29.17	8.36	7.96	2.5	1.14
769	3/29/2008 12:31	10.18	45.375	29.23	8.59	7.97	3.0	1.14
770	3/29/2008 12:46	10.14	45.181	29.09	8.26	7.94	3.1	1.15
771	3/29/2008 13:01	10.18	45.156	29.07	8.62	7.97	4.0	1.18
772	3/29/2008 13:16	10.19	45.273	29.16	8.77	7.97	3.5	1.20
773	3/29/2008 13:31	10.19	45.289	29.17	8.54	7.96	3.7	1.22
774	3/29/2008 13:46	10.17	45.408	29.25	8.38	7.96	3.2	1.26
775	3/29/2008 14:01	10.17	45.426	29.27	8.54	7.96	4.0	1.29
776	3/29/2008 14:16	10.26	45.220	29.12	8.74	7.97	4.4	1.33
777	3/29/2008 14:31	10.19	45.348	29.21	8.52	7.96	3.1	1.37
778	3/29/2008 14:46	10.22	45.357	29.22	8.6	7.96	3.9	1.41
779	3/29/2008 15:01	10.2	45.351	29.21	8.7	7.96	4.0	1.47
780	3/29/2008 15:16	10.21	45.331	29.2	8.75	7.96	4.4	1.51
781	3/29/2008 15:31	10.22	45.306	29.18	8.78	7.97	3.9	1.57
782	3/29/2008 15:46	10.21	45.289	29.17	8.71	7.96	3.5	1.61
783	3/29/2008 16:01	10.15	45.403	29.25	8.57	7.95	3.7	1.68
784	3/29/2008 16:16	10.18	45.556	29.36	8.75	7.96	4.3	1.72
785	3/29/2008 16:31	10.14	45.746	29.49	8.74	7.95	3.7	1.77
786	3/29/2008 16:46	10.12	45.972	29.65	8.78	7.95	3.0	1.83
787	3/29/2008 17:01	10.12	46.116	29.76	8.83	7.95	3.2	1.88
788	3/29/2008 17:16	10.14	46.133	29.77	8.9	7.95	3.2	1.93
789	3/29/2008 17:31	10.13	46.191	29.81	8.92	7.96	3.1	1.97
790	3/29/2008 17:46	10.2	46.108	29.76	8.83	7.97	3.3	2.01
791	3/29/2008 18:01	10.24	45.973	29.66	8.89	7.97	4.3	2.06
792	3/29/2008 18:16	10.23	45.914	29.62	8.94	7.98	3.4	2.09
793	3/29/2008 18:31	10.26	45.860	29.58	8.21	7.93	1.8	2.12
794	3/29/2008 18:46	10.24	45.825	29.56	8.16	7.93	1.8	2.15
795	3/29/2008 19:01	10.22	45.811	29.54	7.84	7.91	1.8	2.17
796	3/29/2008 19:16	10.22	45.777	29.52	7.52	7.88	1.5	2.19
797	3/29/2008 19:31	10.23	45.761	29.51	7.37	7.88	3.0	2.20
798	3/29/2008 19:46	10.05	45.844	29.56	7.32	7.92	3.8	2.22
799	3/29/2008 20:01	9.97	45.780	29.51	7.47	7.91	4.3	2.21
800	3/29/2008 20:16	9.81	45.849	29.55	7.68	7.92	4.9	2.22
801	3/29/2008 20:31	9.69	45.939	29.6	8.03	7.93	5.4	2.21
802	3/29/2008 20:46	9.68	45.988	29.64	8.22	7.92	5.2	2.20
803	3/29/2008 21:01	9.66	46.138	29.74	8.26	7.93	5.2	2.19
804	3/29/2008 21:16	9.64	46.074	29.7	8.15	7.91	4.5	2.17
805	3/29/2008 21:31	9.52	46.126	29.73	8.4	7.94	7.0	2.17
806	3/29/2008 21:46	9.48	46.098	29.7	8.38	7.91	5.3	2.14
807	3/29/2008 22:01	9.39	46.166	29.75	8.48	7.92	7.3	2.13
808	3/29/2008 22:16	9.4	46.205	29.78	8.47	7.9	6.2	2.12
809	3/29/2008 22:31	9.48	46.179	29.76	8.35	7.91	5.4	2.10

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	3/29/2008 22:46	9.36	46.311	29.85	8.16	7.89	3.8	2.08
811	3/29/2008 23:01	9.27	46.322	29.85	8.51	7.92	6.9	2.06
812	3/29/2008 23:16	9.3	46.285	29.83	8.04	7.88	4.6	2.07
813	3/29/2008 23:31	9.38	46.223	29.79	7.98	7.88	3.4	2.04
814	3/29/2008 23:46	9.36	46.237	29.8	7.73	7.89	5.2	2.03
815	3/30/2008 0:01	9.41	46.175	29.75	7.63	7.86	2.9	2.03
816	3/30/2008 0:16	9.47	46.121	29.72	7.24	7.84	2.6	2.04
817	3/30/2008 0:31	9.53	46.069	29.69	7.31	7.8	1.6	2.04
818	3/30/2008 0:46	9.57	46.027	29.66	6.56	7.77	1.2	2.05
819	3/30/2008 1:01	9.65	45.939	29.6	6.54	7.77	2.9	2.05
820	3/30/2008 1:16	9.69	45.921	29.59	8.6	7.94	7.6	2.08
821	3/30/2008 1:31	9.66	45.912	29.58	8.91	7.95	5.4	2.08
822	3/30/2008 1:46	9.63	45.926	29.59	8.99	7.95	7.8	2.12
823	3/30/2008 2:01	9.58	45.996	29.64	8.91	7.94	5.0	2.14
824	3/30/2008 2:16	9.66	46.016	29.66	9	7.95	7.1	2.16
825	3/30/2008 2:31	9.67	45.978	29.63	9	7.95	8.3	2.20
826	3/30/2008 2:46	9.64	46.073	29.7	9.03	7.95	7.3	2.22
827	3/30/2008 3:01	9.68	46.186	29.78	8.93	7.95	6.3	2.26
828	3/30/2008 3:16	9.71	46.461	29.98	8.89	7.95	6.4	2.30
829	3/30/2008 3:31	9.71	47.148	30.47	8.93	7.94	5.4	2.33
830	3/30/2008 3:46	9.71	47.100	30.44	8.97	7.94	6.7	2.38
831	3/30/2008 4:01	9.69	46.789	30.21	9	7.94	6.8	2.41
832	3/30/2008 4:16	9.64	46.943	30.32	8.99	7.94	6.7	2.45
833	3/30/2008 4:31	9.6	47.093	30.42	8.99	7.94	5.8	2.49
834	3/30/2008 4:46	9.56	47.113	30.44	8.8	7.93	5.3	2.52
835	3/30/2008 5:01	9.28	47.067	30.38	8.69	7.93	5.4	2.55
836	3/30/2008 5:16	9.21	46.818	30.2	8.53	7.91	3.6	2.58
837	3/30/2008 5:31	9.2	46.824	30.2	7.8	7.85	1.9	2.60
838	3/30/2008 5:46	9.08	46.810	30.19	7.55	7.84	3.0	2.61
839	3/30/2008 6:01	9.02	46.753	30.14	7.2	7.83	3.0	2.61
840	3/30/2008 6:16	9.01	46.615	30.04	7.68	7.88	3.2	2.62
841	3/30/2008 6:31	9.09	46.593	30.03	7.9	7.89	3.8	2.60
842	3/30/2008 6:46	9.1	46.349	29.86	8.19	7.9	2.4	2.58
843	3/30/2008 7:01	9.14	46.379	29.88	7.77	7.86	2.3	2.56
844	3/30/2008 7:16	9.14	46.252	29.79	8.17	7.89	3.0	2.52
845	3/30/2008 7:31	9.12	46.285	29.81	8.32	7.9	3.4	2.48
846	3/30/2008 7:46	9.11	46.284	29.81	8.08	7.88	2.4	2.43
847	3/30/2008 8:01	9.14	46.341	29.86	8.63	7.92	5.2	2.37
848	3/30/2008 8:16	9.2	46.453	29.94	8.7	7.92	4.8	2.33
849	3/30/2008 8:31	9.2	46.562	30.02	8.73	7.92	4.2	2.25
850	3/30/2008 8:46	9.23	46.566	30.02	8.86	7.93	5.6	2.19
851	3/30/2008 9:01	9.29	46.404	29.91	8.87	7.93	7.5	2.13
852	3/30/2008 9:16	9.31	46.354	29.88	8.98	7.94	8.4	2.05
853	3/30/2008 9:31	9.32	46.299	29.84	8.94	7.94	5.6	1.98
854	3/30/2008 9:46	9.37	46.235	29.8	9.13	7.95	6.7	1.91

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	3/30/2008 10:01	9.43	46.040	29.66	9.04	7.95	7.0	1.82
856	3/30/2008 10:16	9.51	46.028	29.66	9.14	7.95	6.2	1.74
857	3/30/2008 10:31	9.57	45.865	29.54	9.12	7.96	6.8	1.65
858	3/30/2008 10:46	9.64	45.781	29.49	9.21	7.96	7.0	1.57
859	3/30/2008 11:01	9.67	45.735	29.46	9.09	7.95	6.2	1.50
860	3/30/2008 11:16	9.76	45.652	29.4	9.08	7.96	6.8	1.43
861	3/30/2008 11:31	9.78	45.530	29.32	8.99	7.96	6.4	1.36
862	3/30/2008 11:46	9.84	45.440	29.26	8.92	7.95	6.1	1.29
863	3/30/2008 12:01	9.83	45.446	29.26	8.86	7.95	5.2	1.25
864	3/30/2008 12:16	9.79	45.398	29.22	8.26	7.91	3.8	1.20
865	3/30/2008 12:31	9.86	45.365	29.21	8.16	7.89	3.2	1.15
866	3/30/2008 12:46	9.84	45.416	29.24	7.97	7.88	2.5	1.13
867	3/30/2008 13:01	9.83	45.442	29.26	6.71	7.77	2.3	1.12
868	3/30/2008 13:16	9.83	45.461	29.27	6.36	7.76	1.8	1.11
869	3/30/2008 13:31	9.9	45.436	29.26	7.35	7.87	6.2	1.09
870	3/30/2008 13:46	9.93	45.434	29.26	7.34	7.87	2.3	1.10
871	3/30/2008 14:01	9.99	45.406	29.24	8.72	7.94	4.7	1.14
872	3/30/2008 14:16	10.04	45.482	29.3	9.07	7.96	6.3	1.14
873	3/30/2008 14:31	10.01	45.445	29.27	8.96	7.96	5.7	1.17
874	3/30/2008 14:46	9.85	45.487	29.29	8.65	7.94	4.2	1.20
875	3/30/2008 15:01	9.84	45.499	29.3	8.93	7.95	5.0	1.25
876	3/30/2008 15:16	9.75	45.561	29.34	8.73	7.94	5.2	1.28
877	3/30/2008 15:31	9.78	45.543	29.33	8.7	7.95	4.5	1.31
878	3/30/2008 15:46	9.83	45.541	29.33	8.35	7.95	4.0	1.37
879	3/30/2008 16:01	9.88	45.587	29.36	9	7.95	5.2	1.43
880	3/30/2008 16:16	9.92	45.582	29.36	9.06	7.96	5.4	1.48
881	3/30/2008 16:31	9.91	45.560	29.35	9.02	7.95	4.5	1.53
882	3/30/2008 16:46	9.82	45.575	29.35	8.96	7.94	5.1	1.59
883	3/30/2008 17:01	9.63	45.803	29.5	8.83	7.93	5.2	1.66
884	3/30/2008 17:16	9.6	46.085	29.7	8.76	7.93	4.7	1.72
885	3/30/2008 17:31	9.6	46.345	29.89	8.93	7.93	4.5	1.78
886	3/30/2008 17:46	9.62	46.431	29.95	8.98	7.93	4.9	1.84
887	3/30/2008 18:01	9.63	46.532	30.02	9.01	7.94	4.8	1.90
888	3/30/2008 18:16	9.64	46.656	30.11	9.04	7.94	5.1	1.96
889	3/30/2008 18:31	9.68	46.577	30.06	9.09	7.94	5.1	2.00
890	3/30/2008 18:46	9.67	46.764	30.19	9.08	7.94	4.4	2.06
891	3/30/2008 19:01	9.69	46.731	30.17	9.1	7.94	4.8	2.11
892	3/30/2008 19:16	9.69	46.682	30.13	8.99	7.94	4.3	2.14
893	3/30/2008 19:31	9.64	46.898	30.29	8.95	7.93	3.4	2.18
894	3/30/2008 19:46	9.69	46.778	30.2	9.02	7.94	3.2	2.21
895	3/30/2008 20:01	9.78	46.636	30.11	8.62	7.91	2.0	2.24
896	3/30/2008 20:16	9.76	46.293	29.86	8.8	7.95	3.2	2.27
897	3/30/2008 20:31	9.76	46.255	29.83	7.91	7.86	1.3	2.29
898	3/30/2008 20:46	9.74	46.144	29.75	8.02	7.87	1.3	2.30
899	3/30/2008 21:01	9.77	46.130	29.75	7.11	7.83	2.6	2.31

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
900	3/30/2008 21:16	9.65	46.175	29.77	7.25	7.85	4.8	2.31
901	3/30/2008 21:31	9.49	46.300	29.85	6.99	7.83	3.1	2.31
902	3/30/2008 21:46	9.33	46.418	29.92	7.1	7.85	3.2	2.29
903	3/30/2008 22:01	9.31	46.437	29.94	8.5	7.91	5.9	2.28
904	3/30/2008 22:16	9.37	46.386	29.9	8.6	7.91	4.3	2.26
905	3/30/2008 22:31	9.39	46.258	29.81	8.65	7.92	3.8	2.24
906	3/30/2008 22:46	9.42	46.194	29.77	8.66	7.91	2.9	2.21
907	3/30/2008 23:01	9.33	46.197	29.76	8.65	7.92	2.6	2.18
908	3/30/2008 23:16	9.32	46.234	29.79	8.59	7.91	2.6	2.16
909	3/30/2008 23:31	9.3	46.257	29.81	8.47	7.91	2.9	2.13
910	3/30/2008 23:46	9.29	46.265	29.81	8.4	7.89	2.3	2.10
911	3/31/2008 0:01	9.24	46.293	29.83	8.34	7.89	2.7	2.07
912	3/31/2008 0:16	9.24	46.272	29.81	8.09	7.87	1.5	2.05
913	3/31/2008 0:31	9.22	46.240	29.79	8.12	7.88	1.8	2.03
914	3/31/2008 0:46	9.22	46.206	29.76	7.9	7.86	1.1	2.02
915	3/31/2008 1:01	9.23	46.135	29.71	7.43	7.83	1.2	2.00
916	3/31/2008 1:16	9.23	46.085	29.68	7.01	7.79	1.8	2.00
917	3/31/2008 1:31	9.24	46.066	29.67	7.4	7.82	1.3	2.00
918	3/31/2008 1:46	9.2	46.024	29.63	8.4	7.91	3.4	2.00
919	3/31/2008 2:01	9.19	46.019	29.63	8.13	7.89	2.1	2.01
920	3/31/2008 2:16	9.15	45.993	29.61	8.63	7.92	3.8	2.02
921	3/31/2008 2:31	9.11	45.978	29.59	8.79	7.92	3.1	2.03
922	3/31/2008 2:46	9.05	46.069	29.66	8.74	7.92	4.9	2.06
923	3/31/2008 3:01	9.32	46.441	29.94	8.82	7.92	5.6	2.08
924	3/31/2008 3:16	9.42	46.515	30	8.86	7.92	5.3	2.11
925	3/31/2008 3:31	9.44	46.722	30.15	8.65	7.91	4.3	2.15
926	3/31/2008 3:46	9.45	47.022	30.36	8.61	7.91	4.3	2.18
927	3/31/2008 4:01	9.44	47.288	30.55	8.8	7.92	4.4	2.22
928	3/31/2008 4:16	9.44	47.317	30.57	8.84	7.92	4.3	2.25
929	3/31/2008 4:31	9.45	47.260	30.53	8.88	7.92	4.9	2.29
930	3/31/2008 4:46	9.45	47.244	30.52	8.94	7.92	5.2	2.34
931	3/31/2008 5:01	9.44	47.311	30.57	8.97	7.92	4.8	2.37
932	3/31/2008 5:16	9.43	47.474	30.68	8.96	7.92	4.3	2.42
933	3/31/2008 5:31	9.38	47.807	30.92	8.95	7.91	3.5	2.45
934	3/31/2008 5:46	9.34	48.153	31.17	8.95	7.91	3.4	2.49
935	3/31/2008 6:01	9.32	48.173	31.18	8.98	7.91	3.5	2.53
936	3/31/2008 6:16	9.3	48.193	31.19	8.92	7.9	3.7	2.57
937	3/31/2008 6:31	9.28	47.815	30.92	8.95	7.91	3.4	2.60
938	3/31/2008 6:46	9.16	47.672	30.81	8.87	7.91	2.8	2.62
939	3/31/2008 7:01	9.19	47.514	30.7	8.27	7.87	1.2	2.64
940	3/31/2008 7:16	9.24	47.663	30.81	7.78	7.83	0.9	2.64
941	3/31/2008 7:31	9.27	47.886	30.97	6.85	7.79	1.1	2.66
942	3/31/2008 7:46	9.28	47.921	30.99	6.34	7.76	0.8	2.64
943	3/31/2008 8:01	8.99	47.649	30.78	7.65	7.85	2.2	2.62
944	3/31/2008 8:16	8.59	46.907	30.22	8.5	7.87	3.7	2.60

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
945	3/31/2008 8:31	8.56	46.746	30.1	8.36	7.86	3.0	2.55
946	3/31/2008 8:46	8.61	46.843	30.17	8.48	7.88	3.6	2.50
947	3/31/2008 9:01	8.7	46.832	30.17	8.71	7.89	3.7	2.45
948	3/31/2008 9:16	8.92	46.964	30.28	8.39	7.87	2.5	2.39
949	3/31/2008 9:31	9.21	47.315	30.56	8.51	7.88	2.9	2.33
950	3/31/2008 9:46	9.19	47.206	30.48	8.43	7.88	2.6	2.25
951	3/31/2008 10:01	9.16	46.860	30.23	8.43	7.88	2.9	2.18
952	3/31/2008 10:16	9.25	46.765	30.17	8.72	7.91	5.1	2.11
953	3/31/2008 10:31	9.31	46.596	30.05	8.95	7.91	4.6	2.02
954	3/31/2008 10:46	9.4	46.359	29.89	8.94	7.92	5.7	1.94
955	3/31/2008 11:01	9.52	46.158	29.75	9.04	7.92	5.7	1.86
956	3/31/2008 11:16	9.61	45.903	29.57	9.02	7.93	6.2	1.77
957	3/31/2008 11:31	9.88	45.747	29.48	9.16	7.95	4.9	1.69
958	3/31/2008 11:46	9.86	45.803	29.52	9.04	7.94	4.6	1.59
959	3/31/2008 12:01	9.97	45.761	29.49	9.09	7.94	3.9	1.51
960	3/31/2008 12:16	10	45.660	29.42	8.8	7.93	3.4	1.44
961	3/31/2008 12:31	9.9	45.675	29.43	8.49	7.9	1.8	1.37
962	3/31/2008 12:46	9.85	45.649	29.41	7.67	7.86	1.6	1.29
963	3/31/2008 13:01	9.8	45.665	29.42	7.33	7.83	1.7	1.22
964	3/31/2008 13:16	9.79	45.681	29.43	7.15	7.81	1.4	1.17
965	3/31/2008 13:31	9.79	45.699	29.44	7.24	7.81	1.2	1.12
966	3/31/2008 13:46	9.81	45.698	29.44	6.88	7.81	26.7	1.09
967	3/31/2008 14:01	9.82	45.734	29.47	6.14	7.76	6.0	1.06
968	3/31/2008 14:16	9.76	45.837	29.54	8.42	7.92	2.6	1.04
969	3/31/2008 14:31	9.99	45.695	29.45	7.83	7.88	7.3	1.04
970	3/31/2008 14:46	10.09	45.651	29.42	8.63	7.93	5.9	1.06
971	3/31/2008 15:01	10.09	45.644	29.42	9.09	7.96	3.6	1.06
972	3/31/2008 15:16	10.12	45.624	29.4	8.98	7.96	10.1	1.09
973	3/31/2008 15:31	9.98	45.736	29.48	9.05	7.95	3.5	1.13
974	3/31/2008 15:46	9.8	45.824	29.53	8.93	7.94	5.7	1.17
975	3/31/2008 16:01	9.86	45.810	29.52	9.04	7.95	4.3	1.20
976	3/31/2008 16:16	9.94	45.778	29.5	9.09	7.96	4.3	1.26
977	3/31/2008 16:31	10.05	45.725	29.47	9.2	7.96	4.2	1.31
978	3/31/2008 16:46	10.05	45.743	29.49	9.21	7.96	4.3	1.37
979	3/31/2008 17:01	10.13	45.663	29.43	9.3	7.97	4.2	1.43
980	3/31/2008 17:16	10.09	45.616	29.4	9.27	7.96	4.2	1.49
981	3/31/2008 17:31	9.81	45.805	29.52	9.08	7.94	3.7	1.57
982	3/31/2008 17:46	9.58	46.100	29.71	8.82	7.92	3.7	1.63
983	3/31/2008 18:01	9.63	46.350	29.89	8.92	7.92	4.2	1.70
984	3/31/2008 18:16	9.65	46.555	30.04	9.02	7.93	3.8	1.77
985	3/31/2008 18:31	9.62	46.791	30.21	9.08	7.93	3.6	1.84
986	3/31/2008 18:46	9.55	47.012	30.36	9	7.92	3.8	1.91
987	3/31/2008 19:01	9.56	47.070	30.4	9.04	7.93	4.0	1.98
988	3/31/2008 19:16	9.62	46.907	30.29	9.11	7.92	4.3	2.04
989	3/31/2008 19:31	9.7	46.609	30.08	9.14	7.94	4.5	2.09

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
990	3/31/2008 19:46	9.54	47.023	30.37	9.02	7.92	4.0	2.15
991	3/31/2008 20:01	9.48	47.230	30.51	8.98	7.91	3.7	2.21
992	3/31/2008 20:16	9.5	47.285	30.55	8.98	7.91	3.9	2.26
993	3/31/2008 20:31	9.49	47.372	30.62	8.97	7.93	3.7	2.31
994	3/31/2008 20:46	9.45	47.483	30.69	8.9	7.97	3.3	2.35
995	3/31/2008 21:01	9.43	47.567	30.75	8.86	7.98	3.1	2.39
996	3/31/2008 21:16	9.37	47.745	30.87	8.8	7.96	3.0	2.43
997	3/31/2008 21:31	9.38	47.772	30.89	8.72	7.96	2.1	2.44
998	3/31/2008 21:46	9.38	47.769	30.89	7.96	7.91	1.3	2.47
999	3/31/2008 22:01	9.39	47.778	30.9	7.15	7.85	0.5	2.49
1000	3/31/2008 22:16	9.38	47.805	30.92	6.7	7.81	0.8	2.47
1001	3/31/2008 22:31	9.35	47.944	31.02	7.04	7.82	1.1	2.45
1002	3/31/2008 22:46	9.4	47.787	30.91	7.46	7.88	1.4	2.44
1003	3/31/2008 23:01	9.52	47.196	30.49	8.34	7.93	5.4	2.40
1004	3/31/2008 23:16	9.5	47.219	30.51	8.45	7.91	2.8	2.37
1005	3/31/2008 23:31	9.48	47.207	30.5	8.56	7.92	2.5	2.32
1006	3/31/2008 23:46	9.47	47.172	30.47	8.47	7.91	2.2	2.26
1007	4/1/2008 0:01	9.43	47.278	30.54	8.43	7.9	1.6	2.23
1008	4/1/2008 0:16	9.43	47.166	30.46	8.55	7.92	2.4	2.17
1009	4/1/2008 0:31	9.44	46.994	30.34	8.67	7.91	2.8	2.11
1010	4/1/2008 0:46	9.42	46.919	30.29	8.51	7.9	1.8	2.08
1011	4/1/2008 1:01	9.41	46.808	30.21	8.49	7.9	1.4	2.04
1012	4/1/2008 1:16	9.41	46.714	30.14	8.4	7.9	1.2	1.99
1013	4/1/2008 1:31	9.39	46.698	30.13	8.13	7.88	1.8	1.96
1014	4/1/2008 1:46	9.38	46.693	30.12	7.91	7.86	0.7	1.93
1015	4/1/2008 2:01	9.38	46.663	30.1	7.63	7.84	0.9	1.91
1016	4/1/2008 2:16	9.38	46.644	30.09	6.92	7.79	0.6	1.90
1017	4/1/2008 2:31	9.35	46.774	30.18	7.29	7.86	1.6	1.88
1018	4/1/2008 2:46	9.37	46.514	29.99	7.95	7.91	1.3	1.88
1019	4/1/2008 3:01	9.3	46.432	29.93	8.35	7.92	3.0	1.90
1020	4/1/2008 3:16	9.3	46.349	29.87	8.63	7.93	3.4	1.90
1021	4/1/2008 3:31	9.39	46.688	30.12	8.65	7.93	3.7	1.92
1022	4/1/2008 3:46	9.4	46.870	30.25	8.7	7.93	4.6	1.95
1023	4/1/2008 4:01	9.39	46.745	30.16	8.8	7.93	4.0	1.98
1024	4/1/2008 4:16	9.31	46.676	30.11	8.83	7.92	4.5	2.03
1025	4/1/2008 4:31	9.34	46.648	30.09	8.79	7.92	4.7	2.06
1026	4/1/2008 4:46	9.37	46.935	30.29	8.73	7.91	4.4	2.10
1027	4/1/2008 5:01	9.38	47.050	30.38	8.72	7.91	4.8	2.16
1028	4/1/2008 5:16	9.36	47.091	30.41	8.81	7.91	4.5	2.20
1029	4/1/2008 5:31	9.37	47.447	30.66	8.71	7.9	4.0	2.24
1030	4/1/2008 5:46	9.36	47.410	30.63	8.71	7.9	4.1	2.29
1031	4/1/2008 6:01	9.36	47.597	30.77	8.72	7.9	4.2	2.35
1032	4/1/2008 6:16	9.34	47.799	30.91	8.67	7.9	3.9	2.39
1033	4/1/2008 6:31	9.28	47.804	30.91	8.75	7.9	3.7	2.44
1034	4/1/2008 6:46	9.2	47.723	30.85	8.82	7.9	3.2	2.50

sonde #3	Indian Island Long-Term Deployment Water Quality Data							TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1035	4/1/2008 7:01	9.16	47.805	30.9	8.78	7.9	3.5	2.54
1036	4/1/2008 7:16	9.19	47.911	30.98	8.73	7.89	3.3	2.59
1037	4/1/2008 7:31	9.22	48.017	31.06	8.68	7.89	3.3	2.63
1038	4/1/2008 7:46	9.22	48.326	31.28	8.45	7.87	2.6	2.67
1039	4/1/2008 8:01	9.22	48.683	31.54	8.24	7.85	1.8	2.70
1040	4/1/2008 8:16	9.22	48.854	31.66	7.97	7.84	1.6	2.72
1041	4/1/2008 8:31	9.21	48.866	31.67	7.75	7.82	1.4	2.74
1042	4/1/2008 8:46	9.22	48.876	31.68	6.55	7.75	2.6	2.74
1043	4/1/2008 9:01	9.25	48.632	31.5	7.47	7.83	1.7	2.72
1044	4/1/2008 9:16	9.26	48.693	31.55	7.33	7.82	2.0	2.71
1045	4/1/2008 9:31	9.21	48.220	31.2	7.87	7.85	2.0	2.67
1046	4/1/2008 9:46	9.25	47.922	30.99	8.06	7.85	3.5	2.61
1047	4/1/2008 10:01	9.31	47.620	30.78	8.21	7.85	2.7	2.56
1048	4/1/2008 10:16	9.36	47.568	30.75	8.24	7.86	3.0	2.50
1049	4/1/2008 10:31	9.35	47.740	30.87	8.21	7.86	2.1	2.43
1050	4/1/2008 10:46	9.52	47.575	30.76	8.36	7.87	2.9	2.35
1051	4/1/2008 11:01	9.68	47.579	30.78	8.49	7.88	9.0	2.27
1052	4/1/2008 11:16	9.79	47.513	30.74	8.41	7.89	3.1	2.20
1053	4/1/2008 11:31	9.87	47.471	30.71	8.71	7.91	3.2	2.11
1054	4/1/2008 11:46	10	47.374	30.65	8.91	7.92	5.7	2.01
1055	4/1/2008 12:01	9.96	47.198	30.52	9.07	7.93	5.0	1.92
1056	4/1/2008 12:16	10.12	46.873	30.3	9.12	7.94	5.1	1.83
1057	4/1/2008 12:31	10.19	46.853	30.29	9.15	7.95	5.0	1.73
1058	4/1/2008 12:46	10.36	46.703	30.19	9.23	7.96	4.1	1.63
1059	4/1/2008 13:01	10.5	46.506	30.06	9.27	7.97	4.6	1.54
1060	4/1/2008 13:16	10.67	46.409	30	9.23	7.96	3.2	1.44
1061	4/1/2008 13:31	10.62	46.311	29.92	9.1	7.96	2.9	1.35
1062	4/1/2008 13:46	10.8	46.261	29.9	9.11	7.97	3.5	1.28
1063	4/1/2008 14:01	10.84	46.227	29.88	8.54	7.93	2.2	1.20
1064	4/1/2008 14:16	10.9	46.211	29.87	7.85	7.91	2.9	1.13
1065	4/1/2008 14:31	10.93	46.194	29.86	7.11	7.83	1.6	1.09
1066	4/1/2008 14:46	10.96	46.155	29.83	6.58	7.79	1.2	1.06
1067	4/1/2008 15:01	11.41	46.154	29.85	8.41	7.97	3.0	1.03
1068	4/1/2008 15:16	10.74	46.289	29.91	8.98	7.97	2.3	1.02
1069	4/1/2008 15:31	10.78	46.266	29.9	9.17	7.97	3.1	1.02
1070	4/1/2008 15:46	11.27	46.108	29.81	9.38	8	3.8	1.05
1071	4/1/2008 16:01	11.13	46.136	29.83	9.37	8	4.1	1.08
1072	4/1/2008 16:16	10.84	46.210	29.86	9.3	7.98	3.2	1.12
1073	4/1/2008 16:31	10.82	46.273	29.91	9.31	7.97	3.5	1.17
1074	4/1/2008 16:46	11.09	45.741	29.54	9.39	7.98	5.2	1.22
1075	4/1/2008 17:01	10.92	45.853	29.61	9.3	7.97	4.2	1.27
1076	4/1/2008 17:16	10.85	45.821	29.59	9.27	7.97	4.4	1.34
1077	4/1/2008 17:31	10.64	45.821	29.57	9.21	7.96	4.7	1.40
1078	4/1/2008 17:46	10.59	45.864	29.6	9.15	7.95	5.4	1.47
1079	4/1/2008 18:01	10.47	46.050	29.73	9.16	7.95	4.0	1.55

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1080	4/1/2008 18:16	10.38	46.025	29.71	9.06	7.93	4.6	1.61
1081	4/1/2008 18:31	10.3	46.303	29.9	9.07	7.94	4.0	1.69
1082	4/1/2008 18:46	10.27	46.437	29.99	9.19	7.94	4.3	1.78
1083	4/1/2008 19:01	10.32	46.455	30.01	9.15	7.94	4.5	1.86
1084	4/1/2008 19:16	10.03	46.958	30.35	9.15	7.94	4.1	1.93
1085	4/1/2008 19:31	9.92	47.205	30.52	9.08	7.93	3.8	2.01
1086	4/1/2008 19:46	9.82	47.409	30.66	9.05	7.92	3.5	2.09
1087	4/1/2008 20:01	9.81	47.526	30.75	9	7.92	3.9	2.16
1088	4/1/2008 20:16	9.83	47.620	30.82	8.96	7.91	3.9	2.22
1089	4/1/2008 20:31	9.86	47.746	30.91	8.89	7.91	4.5	2.30
1090	4/1/2008 20:46	9.75	47.902	31.01	8.85	7.9	4.8	2.36
1091	4/1/2008 21:01	9.75	48.011	31.09	8.77	7.89	4.5	2.42
1092	4/1/2008 21:16	9.75	48.084	31.14	8.74	7.89	3.9	2.48
1093	4/1/2008 21:31	9.76	48.175	31.21	8.73	7.89	3.6	2.53
1094	4/1/2008 21:46	9.76	48.299	31.3	8.73	7.89	3.5	2.58
1095	4/1/2008 22:01	9.73	48.541	31.47	8.6	7.88	3.4	2.62
1096	4/1/2008 22:16	9.7	48.666	31.56	8.43	7.87	1.8	2.64
1097	4/1/2008 22:31	9.68	48.758	31.62	8.09	7.84	1.5	2.67
1098	4/1/2008 22:46	9.7	48.651	31.55	7.67	7.81	1.0	2.67
1099	4/1/2008 23:01	9.67	48.887	31.72	8.29	7.85	1.6	2.65
1100	4/1/2008 23:16	9.72	48.598	31.51	7.84	7.83	1.6	2.62
1101	4/1/2008 23:31	9.88	47.723	30.89	8.24	7.88	2.6	2.56
1102	4/1/2008 23:46	9.84	47.584	30.79	8.21	7.87	2.9	2.51
1103	4/2/2008 0:01	9.79	47.645	30.83	8.16	7.86	2.0	2.44
1104	4/2/2008 0:16	9.78	47.611	30.81	8.23	7.87	2.7	2.37
1105	4/2/2008 0:31	9.82	47.595	30.8	8.25	7.87	2.3	2.30
1106	4/2/2008 0:46	9.84	47.584	30.79	8.26	7.87	2.7	2.23
1107	4/2/2008 1:01	9.82	47.509	30.74	8.13	7.86	1.3	2.17
1108	4/2/2008 1:16	9.79	47.439	30.68	8.27	7.87	2.1	2.11
1109	4/2/2008 1:31	9.76	47.259	30.55	8.52	7.89	2.8	2.04
1110	4/2/2008 1:46	9.8	46.980	30.36	8.48	7.89	2.5	1.99
1111	4/2/2008 2:01	9.79	46.886	30.29	8.42	7.88	1.8	1.93
1112	4/2/2008 2:16	9.85	46.715	30.17	8.48	7.89	2.3	1.88
1113	4/2/2008 2:31	9.86	46.625	30.11	8.05	7.86	1.5	1.83
1114	4/2/2008 2:46	9.83	46.586	30.07	8.28	7.88	2.1	1.77
1115	4/2/2008 3:01	9.86	46.524	30.03	8.25	7.87	1.6	1.75
1116	4/2/2008 3:16	9.91	46.464	29.99	8.01	7.86	1.4	1.72
1117	4/2/2008 3:31	9.95	46.404	29.95	7.29	7.8	1.4	1.70
1118	4/2/2008 3:46	9.9	46.448	29.98	7.55	7.85	1.6	1.69
1119	4/2/2008 4:01	9.87	46.507	30.02	8.2	7.89	2.8	1.71
1120	4/2/2008 4:16	9.94	46.316	29.89	8.57	7.91	3.4	1.73
1121	4/2/2008 4:31	9.83	46.591	30.08	8.57	7.89	4.2	1.76
1122	4/2/2008 4:46	9.81	46.828	30.25	8.56	7.89	4.4	1.80
1123	4/2/2008 5:01	9.82	46.893	30.29	8.65	7.9	4.9	1.85
1124	4/2/2008 5:16	9.82	46.656	30.12	8.65	7.9	4.6	1.90

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1125	4/2/2008 5:31	9.8	47.003	30.37	8.63	7.89	4.3	1.96
1126	4/2/2008 5:46	9.79	47.152	30.48	8.63	7.89	4.1	2.01
1127	4/2/2008 6:01	9.77	47.334	30.61	8.59	7.89	4.8	2.07
1128	4/2/2008 6:16	9.72	47.389	30.64	8.58	7.89	4.6	2.13
1129	4/2/2008 6:31	9.69	47.607	30.8	8.55	7.88	4.2	2.19
1130	4/2/2008 6:46	9.66	47.854	30.97	8.56	7.88	4.2	2.25
1131	4/2/2008 7:01	9.6	47.985	31.06	8.54	7.87	4.3	2.31
1132	4/2/2008 7:16	9.56	48.203	31.22	8.49	7.87	3.7	2.37
1133	4/2/2008 7:31	9.53	48.308	31.29	8.54	7.87	3.5	2.43
1134	4/2/2008 7:46	9.53	48.487	31.42	8.45	7.86	3.6	2.49
1135	4/2/2008 8:01	9.53	48.769	31.62	8.31	7.85	3.6	2.56
1136	4/2/2008 8:16	9.5	48.901	31.71	8.26	7.85	3.5	2.61
1137	4/2/2008 8:31	9.47	48.913	31.72	8.26	7.84	3.0	2.67
1138	4/2/2008 8:46	9.44	49.015	31.79	8.21	7.84	3.2	2.72
1139	4/2/2008 9:01	9.42	49.066	31.83	8.1	7.83	2.6	2.76
1140	4/2/2008 9:16	9.39	49.127	31.87	7.88	7.82	2.3	2.81
1141	4/2/2008 9:31	9.36	49.185	31.91	7.76	7.81	1.8	2.83
1142	4/2/2008 9:46	9.37	49.187	31.91	7.29	7.78	1.1	2.84
1143	4/2/2008 10:01	9.39	49.161	31.89	7.57	7.79	1.2	2.83
1144	4/2/2008 10:16	9.34	49.280	31.98	7.48	7.77	4.5	2.81
1145	4/2/2008 10:31	9.65	48.313	31.3	8.21	7.84	3.4	2.77
1146	4/2/2008 10:46	9.8	48.295	31.3	8.39	7.86	3.1	2.71
1147	4/2/2008 11:01	9.86	48.252	31.27	8.26	7.86	2.6	2.64
1148	4/2/2008 11:16	9.94	48.239	31.27	8.24	7.86	2.6	2.57
1149	4/2/2008 11:31	9.95	48.096	31.17	8.32	7.87	3.3	2.49
1150	4/2/2008 11:46	10.16	47.941	31.07	8.28	7.88	2.3	2.39
1151	4/2/2008 12:01	10.24	47.897	31.04	8.38	7.88	2.9	2.29
1152	4/2/2008 12:16	10.36	47.776	30.96	8.45	7.89	2.7	2.20
1153	4/2/2008 12:31	10.46	47.704	30.91	8.7	7.91	4.0	2.12
1154	4/2/2008 12:46	10.58	47.446	30.74	8.87	7.92	5.3	2.00
1155	4/2/2008 13:01	10.7	47.258	30.61	9.01	7.94	5.2	1.90
1156	4/2/2008 13:16	11.04	47.108	30.52	9.05	7.94	4.2	1.81
1157	4/2/2008 13:31	11.09	47.013	30.45	9.22	7.96	3.9	1.70
1158	4/2/2008 13:46	11.36	46.789	30.3	9.23	7.97	4.4	1.58
1159	4/2/2008 14:01	11.54	46.548	30.14	9.29	7.98	4.0	1.47
1160	4/2/2008 14:16	11.69	46.437	30.07	9.37	8	3.8	1.37
1161	4/2/2008 14:31	11.8	46.392	30.04	9.28	7.99	2.8	1.28
1162	4/2/2008 14:46	11.78	46.354	30.01	9.2	8	2.8	1.18
1163	4/2/2008 15:01	11.84	46.280	29.96	9.01	7.98	2.0	1.10
1164	4/2/2008 15:16	11.89	46.246	29.94	8.54	7.94	2.0	1.04
1165	4/2/2008 15:31	11.95	46.216	29.92	7.83	7.89	1.3	1.00
1166	4/2/2008 15:46	12.01	46.210	29.92	6.88	7.85	1.4	0.96
1167	4/2/2008 16:01	12.47	46.307	30.01	8.68	8.01	2.9	0.95
1168	4/2/2008 16:16	12.35	46.313	30.01	9.52	8.01	3.7	0.97
1169	4/2/2008 16:31	11.92	46.320	29.99	9.48	8	4.2	0.99

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	4/2/2008 16:46	12.15	46.235	29.94	9.62	8.01	4.2	1.01
1171	4/2/2008 17:01	12.04	46.255	29.95	9.61	8.01	3.9	1.08
1172	4/2/2008 17:16	11.89	46.248	29.94	9.58	8	3.7	1.15
1173	4/2/2008 17:31	12.02	45.670	29.53	9.52	8	4.8	1.21
1174	4/2/2008 17:46	11.96	45.583	29.47	9.46	7.99	5.1	1.28
1175	4/2/2008 18:01	11.87	45.465	29.38	9.37	7.98	5.4	1.34
1176	4/2/2008 18:16	11.79	45.631	29.49	9.35	7.98	4.7	1.42
1177	4/2/2008 18:31	11.73	45.618	29.48	9.33	7.98	4.6	1.52
1178	4/2/2008 18:46	11.5	45.913	29.68	9.27	7.97	4.4	1.59
1179	4/2/2008 19:01	11.35	46.255	29.92	9.22	7.95	4.0	1.67
1180	4/2/2008 19:16	11.21	46.463	30.06	9.21	7.95	4.1	1.76
1181	4/2/2008 19:31	10.77	47.004	30.43	9.08	7.93	3.8	1.84
1182	4/2/2008 19:46	10.66	47.161	30.54	9.07	7.93	4.0	1.93
1183	4/2/2008 20:01	10.6	47.308	30.64	9.08	7.93	4.5	2.02
1184	4/2/2008 20:16	10.51	47.468	30.75	9.04	7.92	5.0	2.10
1185	4/2/2008 20:31	10.42	47.616	30.85	8.95	7.91	5.6	2.19
1186	4/2/2008 20:46	10.42	47.695	30.91	8.93	7.91	4.8	2.27
1187	4/2/2008 21:01	10.39	47.804	30.98	8.86	7.9	6.2	2.34
1188	4/2/2008 21:16	10.31	48.016	31.13	8.81	7.89	6.4	2.42
1189	4/2/2008 21:31	10.28	48.140	31.22	8.79	7.89	6.2	2.50
1190	4/2/2008 21:46	10.21	48.315	31.34	8.76	7.89	6.2	2.57
1191	4/2/2008 22:01	10.07	48.678	31.59	8.65	7.87	5.7	2.63
1192	4/2/2008 22:16	9.94	49.026	31.83	8.5	7.86	4.5	2.69
1193	4/2/2008 22:31	9.84	49.274	32.01	8.37	7.84	3.3	2.74
1194	4/2/2008 22:46	9.83	49.321	32.04	8.26	7.84	3.2	2.77
1195	4/2/2008 23:01	9.83	49.342	32.05	7.94	7.83	2.6	2.80
1196	4/2/2008 23:16	9.87	49.231	31.98	7.41	7.78	1.2	2.80
1197	4/2/2008 23:31	9.79	49.493	32.16	8	7.83	1.8	2.78
1198	4/2/2008 23:46	10.04	48.631	31.56	7.95	7.85	3.0	2.74
1199	4/3/2008 0:01	10.13	48.218	31.26	8.18	7.86	2.5	2.68
1200	4/3/2008 0:16	10.29	47.900	31.04	8.16	7.87	3.7	2.61
1201	4/3/2008 0:31	10.27	47.902	31.05	8.19	7.86	2.7	2.54
1202	4/3/2008 0:46	10.29	47.890	31.04	8.29	7.87	3.4	2.45
1203	4/3/2008 1:01	10.35	47.817	30.99	8.23	7.87	2.8	2.37
1204	4/3/2008 1:16	10.32	47.825	30.99	8.13	7.86	2.4	2.28
1205	4/3/2008 1:31	10.3	47.819	30.99	8.06	7.86	2.0	2.20
1206	4/3/2008 1:46	10.24	47.820	30.98	8.15	7.86	2.8	2.12
1207	4/3/2008 2:01	10.34	47.398	30.69	8.65	7.9	7.0	2.02
1208	4/3/2008 2:16	10.48	47.114	30.49	8.59	7.9	3.8	1.95
1209	4/3/2008 2:31	10.48	47.016	30.42	8.53	7.89	3.7	1.85
1210	4/3/2008 2:46	10.43	47.046	30.44	8.54	7.9	3.7	1.78
1211	4/3/2008 3:01	10.63	46.738	30.23	8.51	7.9	2.6	1.71
1212	4/3/2008 3:16	10.71	46.631	30.16	8.36	7.9	2.3	1.63
1213	4/3/2008 3:31	10.78	46.574	30.12	8.31	7.9	1.5	1.56
1214	4/3/2008 3:46	10.88	46.442	30.03	8.08	7.89	1.3	1.52

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	4/3/2008 4:01	10.93	46.375	29.99	7.66	7.88	0.8	1.48
1216	4/3/2008 4:16	11	46.300	29.94	7.16	7.85	0.7	1.45
1217	4/3/2008 4:31	11	46.272	29.92	7.74	7.92	2.4	1.44
1218	4/3/2008 4:46	10.88	46.342	29.96	8.39	7.92	3.5	1.45
1219	4/3/2008 5:01	10.8	46.416	30.01	8.65	7.92	5.1	1.47
1220	4/3/2008 5:16	10.77	46.459	30.04	8.72	7.93	4.6	1.51
1221	4/3/2008 5:31	10.7	46.474	30.05	8.72	7.92	5.2	1.56
1222	4/3/2008 5:46	10.67	46.494	30.06	8.73	7.92	5.6	1.62
1223	4/3/2008 6:01	10.66	46.358	29.96	8.64	7.91	5.7	1.69
1224	4/3/2008 6:16	10.66	46.423	30.01	8.65	7.91	5.5	1.76
1225	4/3/2008 6:31	10.64	46.597	30.13	8.66	7.91	6.0	1.84
1226	4/3/2008 6:46	10.54	46.829	30.29	8.63	7.9	5.8	1.91
1227	4/3/2008 7:01	10.45	47.014	30.42	8.59	7.9	5.1	1.99
1228	4/3/2008 7:16	10.34	47.379	30.67	8.55	7.88	4.9	2.05
1229	4/3/2008 7:31	10.28	47.549	30.79	8.6	7.89	5.1	2.13
1230	4/3/2008 7:46	10.24	47.696	30.9	8.62	7.88	4.5	2.20
1231	4/3/2008 8:01	10.21	47.816	30.98	8.62	7.88	4.3	2.27
1232	4/3/2008 8:16	10.16	47.989	31.1	8.59	7.88	4.3	2.34
1233	4/3/2008 8:31	10.08	48.188	31.24	8.54	7.87	4.5	2.42
1234	4/3/2008 8:46	9.97	48.381	31.37	8.49	7.86	5.3	2.49
1235	4/3/2008 9:01	9.92	48.433	31.41	8.46	7.85	5.1	2.56
1236	4/3/2008 9:16	9.84	48.616	31.53	8.41	7.85	5.0	2.63
1237	4/3/2008 9:31	9.8	48.738	31.62	8.37	7.84	4.4	2.70
1238	4/3/2008 9:46	9.77	48.800	31.66	8.34	7.84	4.2	2.76
1239	4/3/2008 10:01	9.67	48.958	31.77	8.28	7.83	4.5	2.81
1240	4/3/2008 10:16	9.59	49.151	31.9	8.16	7.83	3.6	2.85
1241	4/3/2008 10:31	9.58	49.204	31.94	8.09	7.82	3.1	2.89
1242	4/3/2008 10:46	9.57	49.243	31.97	7.56	7.8	2.9	2.91
1243	4/3/2008 11:01	9.59	49.247	31.97	7.45	7.78	1.5	2.89
1244	4/3/2008 11:16	9.53	49.380	32.06	7.69	7.79	2.4	2.87
1245	4/3/2008 11:31	9.57	49.306	32.01	7.63	7.79	2.0	2.82
1246	4/3/2008 11:46	10.14	48.622	31.56	8.07	7.84	3.1	2.76
1247	4/3/2008 12:01	10.59	48.224	31.3	8.49	7.87	3.5	2.68
1248	4/3/2008 12:16	10.5	48.253	31.31	8.41	7.87	4.0	2.57
1249	4/3/2008 12:31	10.59	48.126	31.23	8.39	7.87	4.2	2.48
1250	4/3/2008 12:46	10.77	47.974	31.13	8.45	7.88	3.3	2.40
1251	4/3/2008 13:01	10.99	47.837	31.04	8.53	7.9	3.0	2.29
1252	4/3/2008 13:16	11.2	47.693	30.95	8.71	7.91	3.8	2.17
1253	4/3/2008 13:31	11.44	47.392	30.74	9	7.94	8.6	2.06
1254	4/3/2008 13:46	11.55	47.277	30.66	9.12	7.95	6.4	1.96
1255	4/3/2008 14:01	11.8	47.103	30.55	9.21	7.96	5.2	1.85
1256	4/3/2008 14:16	11.77	47.015	30.49	9.23	7.97	4.7	1.73
1257	4/3/2008 14:31	11.95	46.905	30.42	9.31	7.98	4.7	1.61
1258	4/3/2008 14:46	12.37	46.721	30.3	9.31	7.99	3.7	1.50
1259	4/3/2008 15:01	12.43	46.655	30.25	9.38	8	3.4	1.39

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1260	4/3/2008 15:16	12.46	46.564	30.19	9.43	8.01	3.7	1.28
1261	4/3/2008 15:31	12.59	46.545	30.18	9.33	8.01	2.8	1.19
1262	4/3/2008 15:46	12.59	46.388	30.07	9.04	8	2.4	1.09
1263	4/3/2008 16:01	12.63	46.349	30.04	8.6	7.97	1.3	1.03
1264	4/3/2008 16:16	12.69	46.337	30.04	8.1	7.95	1.5	0.98
1265	4/3/2008 16:31	12.78	46.303	30.01	7.86	7.91	1.0	0.95
1266	4/3/2008 16:46	12.88	46.358	30.06	9.2	8.01	3.1	0.96
1267	4/3/2008 17:01	12.74	46.396	30.08	9.68	8.04	4.8	0.98
1268	4/3/2008 17:16	12.62	46.397	30.08	9.67	8.03	4.2	1.02
1269	4/3/2008 17:31	12.67	46.392	30.07	9.71	8.03	5.7	1.08
1270	4/3/2008 17:46	12.61	46.344	30.04	9.74	8.03	4.9	1.14
1271	4/3/2008 18:01	12.65	46.034	29.82	9.59	8.01	5.4	1.22
1272	4/3/2008 18:16	12.84	45.375	29.35	9.43	8	6.8	1.28
1273	4/3/2008 18:31	12.45	46.168	29.91	9.5	8	4.6	1.37
1274	4/3/2008 18:46	12.46	46.046	29.82	9.45	7.99	5.5	1.44
1275	4/3/2008 19:01	12.28	46.275	29.98	9.44	7.99	4.4	1.52
1276	4/3/2008 19:16	12.13	46.434	30.08	9.4	7.99	4.8	1.62
1277	4/3/2008 19:31	11.96	46.632	30.22	9.4	7.98	4.5	1.72
1278	4/3/2008 19:46	11.57	47.019	30.48	9.17	7.95	4.6	1.81
1279	4/3/2008 20:01	11.4	47.205	30.61	9.15	7.94	4.8	1.92
1280	4/3/2008 20:16	11.36	47.248	30.63	9.17	7.94	6.2	2.02
1281	4/3/2008 20:31	11.29	47.379	30.73	9.14	7.94	6.8	2.11
1282	4/3/2008 20:46	11.21	47.514	30.82	9.1	7.93	6.6	2.21
1283	4/3/2008 21:01	11.08	47.632	30.9	9.01	7.92	7.0	2.29
1284	4/3/2008 21:16	10.93	47.868	31.06	8.94	7.92	9.1	2.38
1285	4/3/2008 21:31	10.81	48.123	31.24	8.96	7.91	10.8	2.47
1286	4/3/2008 21:46	10.72	48.276	31.34	8.91	7.9	9.6	2.55
1287	4/3/2008 22:01	10.57	48.565	31.54	8.81	7.89	8.9	2.64
1288	4/3/2008 22:16	10.37	49.006	31.85	8.73	7.87	9.0	2.72
1289	4/3/2008 22:31	10.22	49.400	32.12	8.64	7.85	6.9	2.80
1290	4/3/2008 22:46	10.16	49.554	32.23	8.59	7.85	5.5	2.87
1291	4/3/2008 23:01	10.1	49.686	32.32	8.52	7.84	4.9	2.93
1292	4/3/2008 23:16	10.07	49.761	32.37	8.45	7.84	4.4	2.97
1293	4/3/2008 23:31	10.06	49.795	32.4	8.21	7.83	3.1	3.00
1294	4/3/2008 23:46	10.14	49.609	32.27	7.71	7.8	2.4	3.00
1295	4/4/2008 0:01	10.08	49.769	32.38	8	7.8	1.6	2.97
1296	4/4/2008 0:16	10.46	48.773	31.68	8.04	7.84	3.5	2.94
1297	4/4/2008 0:31	10.61	48.478	31.48	8.33	7.86	3.8	2.88
1298	4/4/2008 0:46	10.66	48.513	31.51	8.3	7.87	4.3	2.78
1299	4/4/2008 1:01	10.66	48.452	31.47	8.33	7.86	4.8	2.69
1300	4/4/2008 1:16	10.74	48.328	31.38	8.28	7.86	3.8	2.59
1301	4/4/2008 1:31	10.72	48.392	31.43	8.31	7.86	4.4	2.49
1302	4/4/2008 1:46	10.71	48.410	31.44	8.3	7.86	4.8	2.38
1303	4/4/2008 2:01	10.72	48.364	31.41	8.3	7.86	4.5	2.28
1304	4/4/2008 2:16	10.77	48.232	31.31	8.53	7.88	10.8	2.18

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	4/4/2008 2:31	11.07	47.684	30.93	8.68	7.91	7.9	2.08
1306	4/4/2008 2:46	11.14	47.604	30.88	8.58	7.9	5.8	1.97
1307	4/4/2008 3:01	11.26	47.401	30.74	8.6	7.91	6.8	1.86
1308	4/4/2008 3:16	11.24	47.412	30.75	8.62	7.91	5.1	1.76
1309	4/4/2008 3:31	11.38	47.182	30.59	8.58	7.91	4.7	1.65
1310	4/4/2008 3:46	11.59	46.854	30.36	8.45	7.92	3.7	1.56
1311	4/4/2008 4:01	11.71	46.708	30.26	8.44	7.92	3.7	1.45
1312	4/4/2008 4:16	11.83	46.548	30.15	8.31	7.93	2.9	1.37
1313	4/4/2008 4:31	11.93	46.438	30.08	8.03	7.91	1.9	1.32
1314	4/4/2008 4:46	11.99	46.384	30.04	7.59	7.89	1.3	1.27
1315	4/4/2008 5:01	12.03	46.336	30.01	7.17	7.87	1.2	1.22
1316	4/4/2008 5:16	12.06	46.298	29.98	7.08	7.87	1.6	1.21
1317	4/4/2008 5:31	11.93	46.432	30.07	8.57	7.94	5.2	1.24
1318	4/4/2008 5:46	11.86	46.434	30.07	8.69	7.94	5.6	1.25
1319	4/4/2008 6:01	11.83	46.486	30.11	8.73	7.94	6.0	1.31
1320	4/4/2008 6:16	11.81	46.506	30.12	8.75	7.94	6.0	1.38
1321	4/4/2008 6:31	11.77	46.282	29.96	8.69	7.93	6.3	1.44
1322	4/4/2008 6:46	11.77	46.148	29.86	8.65	7.92	7.0	1.55
1323	4/4/2008 7:01	11.74	46.174	29.88	8.63	7.93	7.0	1.63
1324	4/4/2008 7:16	11.68	46.423	30.06	8.63	7.91	7.0	1.71
1325	4/4/2008 7:31	11.55	46.693	30.24	8.63	7.91	6.2	1.80
1326	4/4/2008 7:46	11.4	46.921	30.4	8.63	7.9	6.5	1.89
1327	4/4/2008 8:01	11.18	47.428	30.76	8.61	7.89	5.7	1.97
1328	4/4/2008 8:16	11.12	47.528	30.82	8.65	7.89	5.4	2.05
1329	4/4/2008 8:31	11.06	47.684	30.93	8.67	7.89	5.7	2.13
1330	4/4/2008 8:46	11.01	47.804	31.02	8.67	7.89	5.7	2.21
1331	4/4/2008 9:01	10.91	47.977	31.14	8.64	7.88	6.1	2.29
1332	4/4/2008 9:16	10.77	48.224	31.31	8.57	7.87	6.5	2.37
1333	4/4/2008 9:31	10.68	48.318	31.37	8.54	7.87	6.9	2.45
1334	4/4/2008 9:46	10.53	48.537	31.52	8.52	7.86	7.3	2.54
1335	4/4/2008 10:01	10.43	48.726	31.65	8.48	7.85	7.1	2.62
1336	4/4/2008 10:16	10.34	48.892	31.76	8.44	7.85	6.7	2.70
1337	4/4/2008 10:31	10.2	49.162	31.95	8.33	7.83	6.1	2.78
1338	4/4/2008 10:46	9.95	49.600	32.25	8.1	7.81	5.6	2.85
1339	4/4/2008 11:01	9.84	49.799	32.39	7.96	7.79	4.5	2.91
Mean		10.92	46.096	29.78	9.20	7.97	4.4	2.03
Minimum		8.56	41.139	26.28	6.14	7.75	0.5	0.92
Maximum		13.09	49.799	32.40	11.65	8.16	26.7	3.11
Standard Dev.		1.07	1.583	1.10	0.95	0.08	2.3	0.55

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

		SpCond	Salinity	DO Conc	Turbidity+		Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
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						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	4/4/2008 11:16	9.83	50.314	32.76	8.17	7.85		2.592
1	4/4/2008 11:31	9.77	50.407	32.82	7.76	7.9	3.2	2.63
2	4/4/2008 11:46	9.93	50.087	32.6	7.64	7.9	2.8	2.639
3	4/4/2008 12:01	9.83	50.339	32.77	7.5	7.9	2.7	2.625
4	4/4/2008 12:16	9.78	50.385	32.8	7.46	7.89	2.9	2.583
5	4/4/2008 12:31	10.4	49.281	32.05	8.29	7.97	7.7	2.525
6	4/4/2008 12:46	10.66	49.052	31.9	8.68	8	5.4	2.447
7	4/4/2008 13:01	10.85	48.846	31.76	8.58	8	5.7	2.345
8	4/4/2008 13:16	10.93	48.453	31.48	8.54	7.99	6.6	2.247
9	4/4/2008 13:31	10.99	48.614	31.6	8.63	8	6	2.134
10	4/4/2008 13:46	11.18	48.406	31.46	8.69	8.01	5.1	2.034
11	4/4/2008 14:01	11.33	48.716	31.69	8.7	8.01	4.3	1.923
12	4/4/2008 14:16	11.52	48.105	31.26	8.69	8.02	3.9	1.815
13	4/4/2008 14:31	11.51	47.881	31.1	8.86	8.03	6.3	1.69
14	4/4/2008 14:46	11.9	47.876	31.11	8.88	8.04	4.5	1.575
15	4/4/2008 15:01	12.09	47.781	31.05	9	8.05	4.8	1.462
16	4/4/2008 15:16	12.15	47.427	30.8	9.06	8.05	4.9	1.351
17	4/4/2008 15:31	12.19	46.955	30.46	9.21	8.06	4.3	1.229
18	4/4/2008 15:46	12.36	45.818	29.65	9.33	8.07	4.4	1.102
19	4/4/2008 16:01	12.65	45.399	29.36	9.18	8.07	4.2	0.999
20	4/4/2008 16:16	12.55	45.015	29.08	7.97	7.98	4	0.905
21	4/4/2008 16:31	12.37	44.331	28.59	7.52	7.92	3.6	0.812
22	4/4/2008 16:46	12.39	44.076	28.41	7.53	7.92	4	0.743
23	4/4/2008 17:01	12.57	44.003	28.36	7.47	7.92	3.4	0.693
24	4/4/2008 17:16	12.58	43.699	28.14	6.86	7.86	3.2	0.668
25	4/4/2008 17:31	13.16	44.14	28.48	7.66	7.94	2.6	0.671
26	4/4/2008 17:46	13.1	46.962	30.5	9.41	8.09	2.9	0.696
27	4/4/2008 18:01	13	47.069	30.57	9.41	8.09	2.9	0.746
28	4/4/2008 18:16	12.95	47.447	30.85	9.39	8.09	3.7	0.824
29	4/4/2008 18:31	12.91	47.105	30.6	9.39	8.09	3.5	0.9
30	4/4/2008 18:46	12.92	46.577	30.22	9.24	8.06	3.7	0.98
31	4/4/2008 19:01	12.9	46.621	30.25	9.16	8.05	4.2	1.085
32	4/4/2008 19:16	12.81	46.707	30.31	9.09	8.05	4.3	1.178
33	4/4/2008 19:31	12.68	47.034	30.54	9.13	8.05	4	1.259
34	4/4/2008 19:46	12.47	47.203	30.65	9.09	8.04	3.7	1.359
35	4/4/2008 20:01	12.19	47.608	30.93	9.01	8.03	3.8	1.456
36	4/4/2008 20:16	11.95	47.748	31.02	8.97	8.01	4	1.554
37	4/4/2008 20:31	11.71	48.051	31.23	8.94	8.01	4.3	1.653
38	4/4/2008 20:46	11.64	48.065	31.24	8.9	8.01	4.6	1.749
39	4/4/2008 21:01	11.55	48.293	31.4	8.88	8	5.1	1.85
40	4/4/2008 21:16	11.46	48.482	31.53	8.84	8	5.6	1.939
41	4/4/2008 21:31	11.31	48.37	31.44	8.83	7.99	7.1	2.041
42	4/4/2008 21:46	11.09	48.914	31.82	8.77	7.98	9.5	2.144
43	4/4/2008 22:01	10.96	48.985	31.87	8.71	7.98	9.6	2.234
44	4/4/2008 22:16	10.74	49.119	31.95	8.64	7.97	7.4	2.332

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	4/4/2008 22:31	10.39	49.572	32.26	8.39	7.94	7.8	2.43
46	4/4/2008 22:46	10.16	49.901	32.48	8.32	7.94	7.6	2.513
47	4/4/2008 23:01	10.01	50.135	32.64	8.24	7.94	4.6	2.602
48	4/4/2008 23:16	9.98	50.462	32.87	8.16	7.94	6	2.686
49	4/4/2008 23:31	9.96	50.414	32.84	8.13	7.94	3.1	2.732
50	4/4/2008 23:46	9.94	50.573	32.95	8.08	7.94	2.3	2.781
51	4/5/2008 0:01	9.94	50.387	32.82	7.91	7.92	2	2.817
52	4/5/2008 0:16	10.11	50.346	32.8	7.75	7.91	1.8	2.827
53	4/5/2008 0:31	10.03	50.355	32.8	7.88	7.91	1.8	2.789
54	4/5/2008 0:46	10.01	50.012	32.55	7.83	7.91	2.1	2.741
55	4/5/2008 1:01	10.2	50.159	32.67	8.05	7.93	3.2	2.676
56	4/5/2008 1:16	10.3	49.802	32.42	8.14	7.94	4.8	2.569
57	4/5/2008 1:31	10.29	49.816	32.43	8.12	7.93	4.9	2.466
58	4/5/2008 1:46	10.29	49.731	32.37	8.16	7.94	4	2.357
59	4/5/2008 2:01	10.52	49.359	32.11	8.25	7.95	4.6	2.24
60	4/5/2008 2:16	10.59	49.11	31.94	8.26	7.94	5.4	2.122
61	4/5/2008 2:31	10.68	49.071	31.91	8.31	7.95	4.6	2.006
62	4/5/2008 2:46	10.81	48.881	31.78	8.37	7.96	5.3	1.877
63	4/5/2008 3:01	10.94	48.828	31.75	8.42	7.97	5.7	1.764
64	4/5/2008 3:16	11.19	48.344	31.42	8.5	7.98	6.1	1.639
65	4/5/2008 3:31	11.25	48.168	31.29	8.52	7.97	6	1.504
66	4/5/2008 3:46	11.35	48.004	31.18	8.47	7.98	6.2	1.385
67	4/5/2008 4:01	11.58	47.583	30.89	8.44	7.99	5.9	1.255
68	4/5/2008 4:16	11.6	47.529	30.85	8.48	7.99	6	1.119
69	4/5/2008 4:31	11.69	47.397	30.76	8.44	7.99	5.1	1.012
70	4/5/2008 4:46	11.78	47.304	30.7	8.35	7.99	4.5	0.894
71	4/5/2008 5:01	11.92	46.936	30.44	8.3	7.97	3.6	0.787
72	4/5/2008 5:16	12.06	47.016	30.5	8.2	7.98	3.4	0.713
73	4/5/2008 5:31	11.86	45.206	29.19	7.42	7.91	2.4	0.63
74	4/5/2008 5:46	11.84	44.162	28.45	6.76	7.86	2.2	0.597
75	4/5/2008 6:01	11.89	44.33	28.57	6.29	7.84	2.3	0.585
76	4/5/2008 6:16	12.21	46.001	29.78	8	7.9	3.5	0.605
77	4/5/2008 6:31	12.23	47.083	30.56	8.53	8.02	3.5	0.645
78	4/5/2008 6:46	12.18	46.979	30.48	8.59	8.02	3.7	0.712
79	4/5/2008 7:01	12.14	47.033	30.52	8.6	8.01	4.5	0.788
80	4/5/2008 7:16	12.03	46.407	30.06	8.44	7.99	6.3	0.878
81	4/5/2008 7:31	12.04	46.42	30.07	8.43	7.99	6	0.973
82	4/5/2008 7:46	12.01	46.486	30.12	8.39	7.98	7.3	1.058
83	4/5/2008 8:01	11.98	46.654	30.24	8.37	7.98	5.7	1.155
84	4/5/2008 8:16	11.95	47.153	30.59	8.45	7.99	5.2	1.254
85	4/5/2008 8:31	11.78	47.321	30.71	8.42	7.98	5.2	1.35
86	4/5/2008 8:46	11.59	47.676	30.95	8.48	7.97	5.3	1.452
87	4/5/2008 9:01	11.41	48.017	31.19	8.51	7.96	5.2	1.551
88	4/5/2008 9:16	11.31	48.234	31.34	8.51	7.96	4.8	1.647
89	4/5/2008 9:31	11.28	48.236	31.34	8.51	7.96	5.2	1.743

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	4/5/2008 9:46	11.18	48.31	31.39	8.51	7.95	6.1	1.835
91	4/5/2008 10:01	11.05	48.748	31.7	8.47	7.95	6.2	1.926
92	4/5/2008 10:16	10.95	48.939	31.83	8.48	7.94	7.3	2.014
93	4/5/2008 10:31	10.77	48.89	31.79	8.45	7.94	9	2.105
94	4/5/2008 10:46	10.58	49.209	32.01	8.45	7.94	7.8	2.199
95	4/5/2008 11:01	10.43	49.34	32.09	8.44	7.93	7.6	2.284
96	4/5/2008 11:16	10.19	49.533	32.22	8.42	7.93	6.2	2.362
97	4/5/2008 11:31	10.07	49.997	32.54	8.38	7.93	6.7	2.448
98	4/5/2008 11:46	10.04	50.011	32.55	8.43	7.93	4.8	2.52
99	4/5/2008 12:01	9.99	50.005	32.54	8.39	7.93	4	2.572
100	4/5/2008 12:16	9.95	49.726	32.34	8.31	7.92	2.7	2.616
101	4/5/2008 12:31	10	50.189	32.68	8.24	7.92	1.7	2.645
102	4/5/2008 12:46	10.18	49.95	32.52	8.01	7.91	2	2.648
103	4/5/2008 13:01	10.05	50.018	32.56	7.94	7.91	2.3	2.607
104	4/5/2008 13:16	10.03	50.032	32.57	8.17	7.92	2.1	2.568
105	4/5/2008 13:31	10.22	49.94	32.51	8.37	7.94	2.9	2.495
106	4/5/2008 13:46	10.83	49.488	32.22	8.71	7.96	3.5	2.394
107	4/5/2008 14:01	10.79	49.421	32.17	8.73	7.96	3.7	2.294
108	4/5/2008 14:16	10.92	49.231	32.04	8.7	7.96	3.6	2.18
109	4/5/2008 14:31	11.03	48.883	31.8	8.89	7.97	3.1	2.076
110	4/5/2008 14:46	11.14	48.905	31.82	8.89	7.98	3.5	1.97
111	4/5/2008 15:01	11.34	48.62	31.62	8.95	7.99	5.1	1.848
112	4/5/2008 15:16	11.49	48.367	31.45	9.01	7.98	5.4	1.74
113	4/5/2008 15:31	11.62	48.128	31.28	8.95	7.99	4.5	1.628
114	4/5/2008 15:46	11.75	48.051	31.23	9.08	8	5.3	1.505
115	4/5/2008 16:01	12.01	48.047	31.24	9.24	8.02	4.5	1.399
116	4/5/2008 16:16	12.1	47.931	31.16	9.35	8.03	4.6	1.287
117	4/5/2008 16:31	12.18	47.512	30.86	9.21	8.03	4.3	1.178
118	4/5/2008 16:46	12.42	47.321	30.73	9.44	8.04	4.3	1.076
119	4/5/2008 17:01	12.62	47.29	30.72	9.25	8.02	3.7	0.986
120	4/5/2008 17:16	12.67	47.057	30.55	9.07	7.98	2.8	0.894
121	4/5/2008 17:31	12.74	46.725	30.32	8.84	7.97	2.7	0.829
122	4/5/2008 17:46	12.75	46.994	30.51	7.74	7.94	1.6	0.796
123	4/5/2008 18:01	12.8	46.746	30.33	7.37	7.91	1.2	0.771
124	4/5/2008 18:16	12.88	47.109	30.6	8.12	7.94	1.6	0.781
125	4/5/2008 18:31	12.86	47.162	30.64	9.42	8.04	2.6	0.819
126	4/5/2008 18:46	12.8	47.183	30.65	9.37	8.04	2.9	0.875
127	4/5/2008 19:01	12.73	47.078	30.57	9.39	8.04	3.5	0.95
128	4/5/2008 19:16	12.74	46.591	30.22	9.24	8.02	5.6	1.038
129	4/5/2008 19:31	12.73	46.428	30.1	9.15	8.01	4.8	1.129
130	4/5/2008 19:46	12.61	46.889	30.43	9.18	8.01	5.1	1.233
131	4/5/2008 20:01	12.46	47.19	30.64	9.24	8.01	4.4	1.333
132	4/5/2008 20:16	12.24	47.19	30.63	9.2	8	4.3	1.428
133	4/5/2008 20:31	11.96	47.715	31	9.07	7.98	4.4	1.528
134	4/5/2008 20:46	11.67	48.285	31.4	8.96	7.97	4.3	1.626

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
135	4/5/2008 21:01	11.59	48.283	31.39	8.95	7.96	4.8	1.721
136	4/5/2008 21:16	11.51	48.433	31.5	8.95	7.96	5.4	1.822
137	4/5/2008 21:31	11.35	48.497	31.53	8.94	7.96	5.9	1.92
138	4/5/2008 21:46	11.19	48.867	31.79	8.89	7.95	6.4	2.015
139	4/5/2008 22:01	11.07	48.893	31.81	8.85	7.95	8.4	2.12
140	4/5/2008 22:16	10.81	49.246	32.05	8.88	7.95	9.6	2.22
141	4/5/2008 22:31	10.6	49.368	32.12	8.85	7.94	9	2.324
142	4/5/2008 22:46	10.34	49.993	32.56	8.73	7.94	8.9	2.435
143	4/5/2008 23:01	10.08	50.352	32.8	8.59	7.93	6.6	2.531
144	4/5/2008 23:16	9.95	50.452	32.86	8.54	7.93	5.4	2.632
145	4/5/2008 23:31	9.87	50.647	33	8.48	7.93	5.7	2.728
146	4/5/2008 23:46	9.82	50.565	32.94	8.65	7.94	3.8	2.803
147	4/6/2008 0:01	9.78	50.852	33.14	8.81	7.96	2.9	2.87
148	4/6/2008 0:16	9.77	50.863	33.15	8.74	7.96	2.3	2.924
149	4/6/2008 0:31	9.78	50.805	33.11	8.78	7.96	1.8	2.958
150	4/6/2008 0:46	9.96	50.68	33.03	8.25	7.93	2.1	2.957
151	4/6/2008 1:01	9.92	50.654	33.01	8.25	7.92	1.8	2.933
152	4/6/2008 1:16	10	50.589	32.97	8.32	7.93	2.7	2.891
153	4/6/2008 1:31	10.26	50.039	32.59	8.42	7.93	3.2	2.816
154	4/6/2008 1:46	10.3	49.955	32.53	8.43	7.93	3.7	2.71
155	4/6/2008 2:01	10.41	49.895	32.49	8.38	7.93	4.1	2.604
156	4/6/2008 2:16	10.32	50.141	32.67	8.36	7.93	3.7	2.497
157	4/6/2008 2:31	10.43	49.91	32.5	8.35	7.93	4.8	2.356
158	4/6/2008 2:46	10.44	49.837	32.45	8.37	7.93	5.4	2.234
159	4/6/2008 3:01	10.68	49.244	32.04	8.44	7.93	5.1	2.115
160	4/6/2008 3:16	10.8	49.104	31.94	8.46	7.93	5.1	1.979
161	4/6/2008 3:31	10.97	48.965	31.85	8.54	7.94	5.9	1.846
162	4/6/2008 3:46	10.81	48.996	31.87	8.48	7.93	4.4	1.716
163	4/6/2008 4:01	11.26	48.415	31.47	8.57	7.95	6.2	1.58
164	4/6/2008 4:16	11.34	48.331	31.41	8.55	7.95	6.8	1.433
165	4/6/2008 4:31	11.46	47.885	31.1	8.56	7.95	7	1.284
166	4/6/2008 4:46	11.57	47.821	31.06	8.52	7.95	6.5	1.139
167	4/6/2008 5:01	11.65	47.621	30.92	8.49	7.94	6.5	0.994
168	4/6/2008 5:16	11.77	47.391	30.76	8.5	7.95	6.2	0.85
169	4/6/2008 5:31	11.85	47.189	30.62	8.3	7.94	4.9	0.705
170	4/6/2008 5:46	11.9	45.921	29.71	7.53	7.88	4.3	0.583
171	4/6/2008 6:01	11.79	44.092	28.39	7.06	7.84	4	0.477
172	4/6/2008 6:16	11.77	43.638	28.07	7.31	7.83	3.3	0.394
173	4/6/2008 6:31	11.77	43.462	27.94	7.05	7.79	2.2	0.345
174	4/6/2008 6:46	11.86	43.801	28.19	6.49	7.75	2.1	0.336
175	4/6/2008 7:01	12.28	47.174	30.62	8.52	7.96	4.6	0.375
176	4/6/2008 7:16	12.2	47.298	30.71	8.52	7.96	3.8	0.445
177	4/6/2008 7:31	12.17	47.407	30.79	8.49	7.96	3.7	0.519
178	4/6/2008 7:46	12.14	47.327	30.73	8.53	7.96	4	0.609
179	4/6/2008 8:01	12.11	46.796	30.34	8.38	7.94	5.5	0.708

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	4/6/2008 8:16	12.11	47.079	30.55	8.4	7.94	4.6	0.791
181	4/6/2008 8:31	12.1	47.005	30.49	8.34	7.93	4.9	0.884
182	4/6/2008 8:46	12.07	46.899	30.42	8.39	7.93	5.5	0.984
183	4/6/2008 9:01	12.03	47	30.49	8.46	7.94	5.2	1.079
184	4/6/2008 9:16	11.99	47.525	30.86	8.46	7.94	5.4	1.184
185	4/6/2008 9:31	11.84	47.594	30.91	8.48	7.94	5.4	1.298
186	4/6/2008 9:46	11.68	48.09	31.26	8.56	7.91	4.8	1.393
187	4/6/2008 10:01	11.58	48.192	31.33	8.62	7.94	5.3	1.507
188	4/6/2008 10:16	11.5	48.415	31.48	8.63	7.94	5.6	1.616
189	4/6/2008 10:31	11.39	48.623	31.63	8.63	7.94	6	1.714
190	4/6/2008 10:46	11.26	48.833	31.77	8.62	7.93	6.5	1.814
191	4/6/2008 11:01	11.19	48.979	31.88	8.62	7.93	6.6	1.913
192	4/6/2008 11:16	11.04	48.965	31.86	8.65	7.93	8.1	2.008
193	4/6/2008 11:31	10.89	49.244	32.05	8.71	7.93	8.7	2.1
194	4/6/2008 11:46	10.71	49.507	32.23	8.71	7.93	8.8	2.195
195	4/6/2008 12:01	10.46	50.028	32.59	8.74	7.93	7.6	2.275
196	4/6/2008 12:16	10.33	50.146	32.67	8.82	7.94	6.1	2.36
197	4/6/2008 12:31	10.28	50.288	32.77	8.78	7.94	5.9	2.437
198	4/6/2008 12:46	10.22	50.275	32.76	8.76	7.94	4.3	2.499
199	4/6/2008 13:01	10.15	50.279	32.75	8.74	7.94	3.2	2.561
200	4/6/2008 13:16	10.19	50.372	32.82	8.73	7.94	1.9	2.586
201	4/6/2008 13:31	10.62	49.952	32.55	8.73	7.94	2.4	2.612
202	4/6/2008 13:46	10.3	50.329	32.8	8.4	7.91	2	2.601
203	4/6/2008 14:01	10.25	50.411	32.86	8.31	7.9	1.4	2.561
204	4/6/2008 14:16	10.26	50.36	32.82	8.51	7.93	1.8	2.505
205	4/6/2008 14:31	11.17	49.874	32.52	9.07	7.97	3.5	2.424
206	4/6/2008 14:46	11.38	49.445	32.22	9.07	7.97	3.5	2.324
207	4/6/2008 15:01	11.45	49.468	32.24	9.08	7.97	3.7	2.218
208	4/6/2008 15:16	11.67	49.272	32.11	9.2	7.97	3.5	2.118
209	4/6/2008 15:31	11.72	49.178	32.05	9.17	7.98	3.1	2.016
210	4/6/2008 15:46	11.88	48.784	31.77	9.2	7.99	2.9	1.902
211	4/6/2008 16:01	11.98	48.977	31.91	9.21	7.98	3.2	1.793
212	4/6/2008 16:16	11.99	48.697	31.71	9.09	7.98	3.2	1.693
213	4/6/2008 16:31	12.23	48.423	31.52	9.34	7.99	4.2	1.573
214	4/6/2008 16:46	12.42	48.364	31.49	9.42	8	4.6	1.467
215	4/6/2008 17:01	12.54	47.937	31.18	9.49	8.01	4.2	1.352
216	4/6/2008 17:16	12.74	47.745	31.05	9.51	8.01	4	1.265
217	4/6/2008 17:31	12.96	47.819	31.12	9.54	8.01	3.5	1.159
218	4/6/2008 17:46	13.11	47.64	30.99	9.51	8.02	3	1.064
219	4/6/2008 18:01	13.17	47.43	30.84	9.11	7.95	2	1
220	4/6/2008 18:16	13.13	46.876	30.44	7.84	7.9	2.4	0.947
221	4/6/2008 18:31	13.18	47.106	30.61	8.09	7.88	1.6	0.918
222	4/6/2008 18:46	13.24	47.004	30.54	8.16	7.92	1.2	0.912
223	4/6/2008 19:01	13.32	47.517	30.91	9.46	8.01	2.1	0.927
224	4/6/2008 19:16	13.25	47.614	30.98	9.64	8.03	2.8	0.976

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	4/6/2008 19:31	13.18	47.432	30.84	9.56	8.02	3.2	1.03
226	4/6/2008 19:46	13.13	47.184	30.66	9.56	8.02	4.2	1.107
227	4/6/2008 20:01	13.31	47.331	30.77	9.38	8	6.3	1.208
228	4/6/2008 20:16	13.25	47.335	30.78	9.38	8	4.9	1.304
229	4/6/2008 20:31	12.94	47.491	30.88	9.46	8	4.9	1.416
230	4/6/2008 20:46	12.8	47.828	31.12	9.41	7.99	4.6	1.512
231	4/6/2008 21:01	12.52	48.144	31.33	9.33	7.98	4.3	1.604
232	4/6/2008 21:16	12.14	48.441	31.53	9.21	7.97	4.6	1.699
233	4/6/2008 21:31	11.94	48.76	31.75	9.12	7.96	4.8	1.803
234	4/6/2008 21:46	11.88	48.892	31.85	9.16	7.96	4.8	1.9
235	4/6/2008 22:01	11.78	48.601	31.63	9.19	7.96	5.9	1.998
236	4/6/2008 22:16	11.63	48.924	31.86	9.18	7.96	5.8	2.095
237	4/6/2008 22:31	11.46	49.043	31.94	9.13	7.96	7.3	2.199
238	4/6/2008 22:46	11.19	49.339	32.14	9.18	7.96	8.5	2.305
239	4/6/2008 23:01	10.97	49.406	32.17	9.19	7.96	7.6	2.413
240	4/6/2008 23:16	10.66	50.025	32.6	9.13	7.96	8.1	2.513
241	4/6/2008 23:31	10.39	49.979	32.55	9.09	7.95	6.3	2.627
242	4/6/2008 23:46	10.27	50.095	32.63	9.07	7.96	5.2	2.72
243	4/7/2008 0:01	10.21	50.632	33.01	9.03	7.96	5.6	2.813
244	4/7/2008 0:16	10.16	50.335	32.8	8.99	7.95	4	2.898
245	4/7/2008 0:31	10.12	50.724	33.07	9	7.96	3	2.966
246	4/7/2008 0:46	10.09	50.733	33.08	8.97	7.96	2.3	3.018
247	4/7/2008 1:01	10.08	50.81	33.13	8.81	7.95	1.8	3.051
248	4/7/2008 1:16	10.23	50.606	33	8.33	7.92	1.8	3.067
249	4/7/2008 1:31	10.19	50.715	33.07	8.42	7.92	1.6	3.05
250	4/7/2008 1:46	10.22	50.665	33.04	8.58	7.93	2.2	2.994
251	4/7/2008 2:01	10.4	50.375	32.84	8.67	7.94	3.3	2.928
252	4/7/2008 2:16	10.5	50.233	32.74	8.79	7.94	4.8	2.829
253	4/7/2008 2:31	10.6	50.339	32.83	8.79	7.94	4.3	2.711
254	4/7/2008 2:46	10.61	50.118	32.67	8.85	7.95	4.2	2.597
255	4/7/2008 3:01	10.63	50.056	32.62	8.83	7.95	3.6	2.476
256	4/7/2008 3:16	10.63	49.983	32.57	8.81	7.94	4.1	2.337
257	4/7/2008 3:31	10.87	49.758	32.42	8.77	7.94	5.6	2.212
258	4/7/2008 3:46	11.04	49.424	32.19	8.79	7.95	5.8	2.077
259	4/7/2008 4:01	11.17	49.28	32.09	8.81	7.95	5.6	1.94
260	4/7/2008 4:16	11.21	48.933	31.84	8.81	7.95	4.7	1.798
261	4/7/2008 4:31	11.47	48.599	31.61	8.77	7.95	6.4	1.639
262	4/7/2008 4:46	11.78	48.298	31.41	8.77	7.95	7.2	1.496
263	4/7/2008 5:01	11.82	48.158	31.31	8.72	7.95	7.1	1.332
264	4/7/2008 5:16	11.95	47.941	31.16	8.72	7.95	7.8	1.169
265	4/7/2008 5:31	12.05	47.896	31.13	8.65	7.95	7.7	1.017
266	4/7/2008 5:46	12.21	47.358	30.75	8.46	7.94	5.8	0.842
267	4/7/2008 6:01	12.33	47.554	30.9	8.36	7.93	5.1	0.698
268	4/7/2008 6:16	12.32	47.184	30.63	8.03	7.89	4.2	0.521
269	4/7/2008 6:31	12.14	44.77	28.89	7.34	7.84	4	0.377

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	4/7/2008 6:46	12.59	46.333	30.03	8.15	7.93	17.2	0.257
271	4/7/2008 7:01	12.54	45.108	29.15	7.49	7.85	5.2	0.163
272	4/7/2008 7:16	12.55	45.68	29.56	6.55	7.81	4.9	0.154
273	4/7/2008 7:31	12.63	46.735	30.32	7.94	7.91	4.6	0.151
274	4/7/2008 7:46	12.6	47.161	30.63	8.56	7.95	4.2	0.228
275	4/7/2008 8:01	12.57	47.294	30.72	8.5	7.95	3.9	0.306
276	4/7/2008 8:16	12.56	47.492	30.86	8.46	7.95	4	0.408
277	4/7/2008 8:31	12.55	47.543	30.9	8.6	7.96	4	0.494
278	4/7/2008 8:46	12.47	47.085	30.57	8.45	7.94	4.3	0.585
279	4/7/2008 9:01	12.45	46.921	30.45	8.4	7.93	4	0.652
280	4/7/2008 9:16	12.53	46.086	29.85	8.38	7.92	4.8	0.721
281	4/7/2008 9:31	12.57	46.035	29.81	8.54	7.92	5.4	0.834
282	4/7/2008 9:46	12.49	47.132	30.6	8.49	7.93	4.9	0.908
283	4/7/2008 10:01	12.41	47.52	30.88	8.54	7.94	4.7	0.995
284	4/7/2008 10:16	12.28	47.753	31.04	8.58	7.94	4.9	1.106
285	4/7/2008 10:31	12.28	47.732	31.03	8.62	7.94	5.1	1.215
286	4/7/2008 10:46	12.18	47.831	31.09	8.7	7.94	5.1	1.336
287	4/7/2008 11:01	12.11	48.245	31.39	8.78	7.94	6	1.463
288	4/7/2008 11:16	12.03	48.342	31.46	8.82	7.94	6	1.566
289	4/7/2008 11:31	11.91	48.659	31.68	8.8	7.94	6.5	1.679
290	4/7/2008 11:46	11.83	48.87	31.83	8.82	7.94	6.7	1.79
291	4/7/2008 12:01	11.73	48.663	31.67	8.84	7.94	6.5	1.891
292	4/7/2008 12:16	11.59	48.97	31.89	8.91	7.95	7.5	1.982
293	4/7/2008 12:31	11.46	49.044	31.94	8.99	7.95	7.1	2.068
294	4/7/2008 12:46	11.17	49.324	32.12	9.05	7.95	7	2.136
295	4/7/2008 13:01	10.99	49.824	32.48	9.12	7.95	7	2.222
296	4/7/2008 13:16	10.81	49.927	32.54	9.27	7.96	6.7	2.292
297	4/7/2008 13:31	10.65	50.324	32.82	9.3	7.96	5.2	2.359
298	4/7/2008 13:46	10.51	50.22	32.73	9.3	7.95	3.1	2.433
299	4/7/2008 14:01	10.46	50.415	32.87	9.27	7.95	3.1	2.459
300	4/7/2008 14:16	10.43	50.644	33.04	9.15	7.94	2	2.495
301	4/7/2008 14:31	10.57	50.527	32.96	8.72	7.91	1.6	2.516
302	4/7/2008 14:46	10.52	50.398	32.86	8.45	7.89	1.8	2.479
303	4/7/2008 15:01	10.5	50.416	32.88	8.73	7.91	1.5	2.428
304	4/7/2008 15:16	11.22	49.927	32.56	9.4	7.98	4.2	2.37
305	4/7/2008 15:31	11.44	49.793	32.48	9.57	7.99	4	2.295
306	4/7/2008 15:46	11.43	49.606	32.34	9.56	7.99	3.5	2.195
307	4/7/2008 16:01	11.33	49.724	32.42	9.51	7.98	3.3	2.107
308	4/7/2008 16:16	11.49	49.286	32.11	9.33	7.96	3.5	1.995
309	4/7/2008 16:31	11.76	49.277	32.12	9.49	7.99	4.1	1.902
310	4/7/2008 16:46	12.08	48.723	31.73	9.42	7.99	4.1	1.814
311	4/7/2008 17:01	12.08	48.963	31.91	9.28	7.99	3.3	1.717
312	4/7/2008 17:16	12.26	48.685	31.71	9.43	8	4.3	1.616
313	4/7/2008 17:31	12.53	48.473	31.57	9.55	8.02	5.6	1.525
314	4/7/2008 17:46	12.66	48.046	31.27	9.47	8.01	5	1.436

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	4/7/2008 18:01	12.75	47.922	31.18	9.44	8.02	4.4	1.33
316	4/7/2008 18:16	12.91	47.86	31.14	9.41	8.02	4.1	1.263
317	4/7/2008 18:31	13.02	47.744	31.06	9.37	8.02	3.8	1.174
318	4/7/2008 18:46	13.18	47.605	30.97	9.3	8.01	3.2	1.14
319	4/7/2008 19:01	13.17	47.736	31.06	8.92	7.99	2.9	1.083
320	4/7/2008 19:16	13.2	47.548	30.93	8.56	7.97	1.8	1.061
321	4/7/2008 19:31	13.21	47.619	30.98	8.14	7.94	1.5	1.09
322	4/7/2008 19:46	13.17	47.695	31.03	9.34	8.01	2.9	1.081
323	4/7/2008 20:01	13.13	47.643	30.99	9.43	8.01	3.7	1.158
324	4/7/2008 20:16	13.12	47.289	30.74	9.4	8.01	3.8	1.217
325	4/7/2008 20:31	13.06	47.472	30.87	9.34	8	4.2	1.278
326	4/7/2008 20:46	13.08	47.758	31.08	9.27	8	5.2	1.37
327	4/7/2008 21:01	13.1	47.636	30.99	9.29	7.99	5.3	1.477
328	4/7/2008 21:16	12.9	47.84	31.13	9.32	7.99	4.9	1.557
329	4/7/2008 21:31	12.69	48.064	31.28	9.31	7.99	4.5	1.65
330	4/7/2008 21:46	12.37	48.575	31.64	9.28	7.98	4.5	1.748
331	4/7/2008 22:01	12.1	48.696	31.71	9.31	7.97	5.6	1.845
332	4/7/2008 22:16	11.91	48.891	31.85	9.31	7.97	5.1	1.93
333	4/7/2008 22:31	11.82	49.235	32.09	9.32	7.97	5.4	2.032
334	4/7/2008 22:46	11.55	49.444	32.23	9.31	7.96	6	2.127
335	4/7/2008 23:01	11.33	49.397	32.18	9.29	7.96	7.1	2.224
336	4/7/2008 23:16	10.99	49.778	32.44	9.24	7.95	9.5	2.33
337	4/7/2008 23:31	10.71	50.206	32.74	9.15	7.95	8.5	2.432
338	4/7/2008 23:46	10.46	50.088	32.63	9.13	7.94	6.7	2.532
339	4/8/2008 0:01	10.21	50.609	33	9.02	7.93	7	2.639
340	4/8/2008 0:16	10.03	50.621	32.99	9	7.93	6	2.742
341	4/8/2008 0:31	9.95	50.927	33.21	8.96	7.92	6.1	2.843
342	4/8/2008 0:46	9.89	50.878	33.17	8.95	7.92	4.3	2.925
343	4/8/2008 1:01	9.83	51.079	33.31	8.89	7.92	2.7	2.998
344	4/8/2008 1:16	9.82	51.037	33.28	8.84	7.92	2.3	3.05
345	4/8/2008 1:31	9.81	50.975	33.23	8.84	7.92	1.8	3.093
346	4/8/2008 1:46	10.07	50.708	33.06	8.51	7.9	2.1	3.109
347	4/8/2008 2:01	10.07	50.9	33.2	8.3	7.89	1.4	3.111
348	4/8/2008 2:16	10.12	50.797	33.13	8.48	7.9	2.4	3.075
349	4/8/2008 2:31	10.07	50.781	33.11	8.63	7.9	2.8	3.005
350	4/8/2008 2:46	10.18	50.668	33.04	8.63	7.91	3.7	2.917
351	4/8/2008 3:01	10.22	50.625	33.01	8.71	7.91	3.5	2.819
352	4/8/2008 3:16	10.19	50.639	33.02	8.77	7.92	4.2	2.686
353	4/8/2008 3:31	10.39	50.471	32.91	8.81	7.93	5	2.578
354	4/8/2008 3:46	10.5	50.257	32.76	8.79	7.93	3.8	2.444
355	4/8/2008 4:01	10.62	49.948	32.54	8.76	7.93	4.2	2.299
356	4/8/2008 4:16	10.79	49.912	32.53	8.85	7.94	5.3	2.168
357	4/8/2008 4:31	11.02	49.469	32.22	8.82	7.94	5.4	2.029
358	4/8/2008 4:46	11.05	49.304	32.1	8.83	7.94	4.3	1.896
359	4/8/2008 5:01	11.14	49.164	32.01	8.8	7.94	4.6	1.743

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	4/8/2008 5:16	11.48	48.921	31.85	8.74	7.94	6.6	1.607
361	4/8/2008 5:31	11.52	48.151	31.29	8.77	7.95	5.7	1.45
362	4/8/2008 5:46	11.71	48.119	31.28	8.7	7.94	7.1	1.28
363	4/8/2008 6:01	11.76	48.044	31.23	8.6	7.95	7	1.114
364	4/8/2008 6:16	11.99	48.094	31.27	8.5	7.94	7.4	0.949
365	4/8/2008 6:31	12.04	47.177	30.62	8.41	7.94	5.9	0.784
366	4/8/2008 6:46	12.1	47.318	30.72	8.15	7.91	6.2	0.625
367	4/8/2008 7:01	12.06	47.371	30.76	8.31	7.93	8.4	0.451
368	4/8/2008 7:16	12.26	47.564	30.9	7.93	7.89	5.7	0.305
369	4/8/2008 7:31	12.29	47.307	30.72	7.92	7.88	5.6	0.164
370	4/8/2008 7:46	12.18	46.645	30.24	7.35	7.84	3.7	0.061
371	4/8/2008 8:01	12.18	46.788	30.34	6.54	7.79	2.1	0.025
372	4/8/2008 8:16	12.41	47.46	30.83	7.63	7.86	5.4	0.039
373	4/8/2008 8:31	12.45	47.593	30.93	8.33	7.93	4.9	0.085
374	4/8/2008 8:46	12.43	47.8	31.08	8.35	7.94	5.2	0.194
375	4/8/2008 9:01	12.48	47.866	31.13	8.2	7.94	4.5	0.301
376	4/8/2008 9:16	12.5	47.837	31.11	8.22	7.94	3.4	0.369
377	4/8/2008 9:31	12.45	47.441	30.82	8.11	7.91	3	0.464
378	4/8/2008 9:46	12.46	47.126	30.6	8	7.91	3.6	0.52
379	4/8/2008 10:01	12.46	46.848	30.4	8.08	7.91	4.7	0.593
380	4/8/2008 10:16	12.43	47.045	30.54	8.19	7.92	4.5	0.671
381	4/8/2008 10:31	12.42	47.21	30.65	8.35	7.93	5.4	0.767
382	4/8/2008 10:46	12.59	46.881	30.42	8.13	7.91	4.8	0.847
383	4/8/2008 11:01	12.45	47.26	30.69	8.43	7.93	4.9	0.952
384	4/8/2008 11:16	12.15	48.021	31.23	8.48	7.93	4.9	1.073
385	4/8/2008 11:31	12.19	48.097	31.28	8.54	7.93	5.4	1.177
386	4/8/2008 11:46	12.14	48.259	31.4	8.44	7.94	6	1.291
387	4/8/2008 12:01	12.03	48.505	31.57	8.68	7.94	5.4	1.403
388	4/8/2008 12:16	11.93	48.967	31.9	8.7	7.94	5.1	1.516
389	4/8/2008 12:31	11.79	49.111	32	8.78	7.94	6.3	1.62
390	4/8/2008 12:46	11.75	48.952	31.88	8.72	7.94	7	1.715
391	4/8/2008 13:01	11.63	49.172	32.04	8.83	7.94	6.2	1.81
392	4/8/2008 13:16	11.52	49.283	32.11	8.97	7.94	6.9	1.899
393	4/8/2008 13:31	11.36	49.278	32.1	9.06	7.94	6	1.979
394	4/8/2008 13:46	11.11	49.91	32.55	9.14	7.95	7.1	2.058
395	4/8/2008 14:01	10.96	49.998	32.6	9.29	7.95	7.3	2.132
396	4/8/2008 14:16	10.83	50.169	32.72	9.38	7.95	5.4	2.21
397	4/8/2008 14:31	10.72	50.341	32.83	9.38	7.94	4.6	2.269
398	4/8/2008 14:46	10.62	50.359	32.84	9.28	7.94	3.8	2.324
399	4/8/2008 15:01	10.57	50.146	32.68	9.42	7.94	2	2.362
400	4/8/2008 15:16	10.55	50.751	33.12	9.17	7.92	2	2.391
401	4/8/2008 15:31	10.86	50.259	32.78	8.86	7.91	2.7	2.392
402	4/8/2008 15:46	10.64	50.575	33	8.71	7.89	2	2.358
403	4/8/2008 16:01	10.62	50.566	32.99	8.92	7.91	2.4	2.326
404	4/8/2008 16:16	11.25	50.306	32.84	9.3	7.95	2.7	2.26

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	4/8/2008 16:31	11.94	49.396	32.21	9.51	7.98	3.5	2.185
406	4/8/2008 16:46	11.87	49.73	32.45	9.34	7.96	2.4	2.09
407	4/8/2008 17:01	12.01	48.952	31.9	9.32	7.96	2.7	2
408	4/8/2008 17:16	12.15	49.302	32.16	9.4	7.96	2.3	1.91
409	4/8/2008 17:31	12.37	48.789	31.79	9.37	7.97	2.6	1.83
410	4/8/2008 17:46	12.48	49.118	32.04	9.44	7.98	2.6	1.743
411	4/8/2008 18:01	12.54	48.953	31.92	9.28	7.98	3.1	1.66
412	4/8/2008 18:16	12.61	48.774	31.79	9.46	7.99	3.7	1.566
413	4/8/2008 18:31	12.83	48.584	31.66	9.54	8	3.2	1.492
414	4/8/2008 18:46	13.09	48.453	31.58	9.55	8	2.9	1.42
415	4/8/2008 19:01	13.18	48.23	31.42	9.46	7.99	2.4	1.34
416	4/8/2008 19:16	13.32	48.052	31.3	9.26	7.99	2.1	1.287
417	4/8/2008 19:31	13.36	48.198	31.4	9	7.98	1.6	1.246
418	4/8/2008 19:46	13.39	48.016	31.27	8.49	7.94	1.7	1.228
419	4/8/2008 20:01	13.37	47.728	31.06	7.9	7.91	1	1.202
420	4/8/2008 20:16	13.42	47.903	31.19	8.39	7.93	1.6	1.205
421	4/8/2008 20:31	13.31	47.822	31.13	9.18	7.97	2.5	1.222
422	4/8/2008 20:46	13.2	48.178	31.38	9.51	8.01	3.1	1.276
423	4/8/2008 21:01	13.18	48.31	31.48	9.48	8	3.2	1.332
424	4/8/2008 21:16	13.04	48.327	31.49	9.48	8	3.4	1.402
425	4/8/2008 21:31	13.38	47.656	31.01	9.4	8	4.6	1.494
426	4/8/2008 21:46	13.17	48.212	31.41	9.39	7.99	4.2	1.579
427	4/8/2008 22:01	12.86	47.839	31.13	9.5	7.98	3.7	1.668
428	4/8/2008 22:16	12.58	48.934	31.91	9.37	7.98	3.8	1.745
429	4/8/2008 22:31	12.33	48.798	31.8	9.39	7.97	3.6	1.836
430	4/8/2008 22:46	11.91	49.259	32.11	9.39	7.96	3.6	1.913
431	4/8/2008 23:01	11.79	49.635	32.38	9.4	7.96	3.9	1.999
432	4/8/2008 23:16	11.66	49.636	32.37	9.43	7.96	4	2.089
433	4/8/2008 23:31	11.34	49.91	32.56	9.42	7.95	5.2	2.18
434	4/8/2008 23:46	11.03	50.33	32.84	9.46	7.95	5.6	2.275
435	4/9/2008 0:01	10.84	50.262	32.78	9.45	7.95	7	2.375
436	4/9/2008 0:16	10.6	50.526	32.96	9.4	7.94	5.3	2.47
437	4/9/2008 0:31	10.37	50.766	33.12	9.36	7.94	5	2.573
438	4/9/2008 0:46	10.13	50.881	33.19	9.27	7.93	4.3	2.671
439	4/9/2008 1:01	9.97	51.138	33.36	9.2	7.93	4.1	2.757
440	4/9/2008 1:16	9.87	51.13	33.35	9.12	7.93	3.6	2.847
441	4/9/2008 1:31	9.81	51.154	33.36	9.12	7.93	3.1	2.928
442	4/9/2008 1:46	9.8	51.046	33.28	9.03	7.92	2	2.989
443	4/9/2008 2:01	9.8	51.231	33.42	8.88	7.91	1.5	3.04
444	4/9/2008 2:16	9.8	51.119	33.34	8.7	7.9	1.2	3.071
445	4/9/2008 2:31	9.97	50.688	33.04	8.32	7.87	1.2	3.083
446	4/9/2008 2:46	9.98	51.001	33.27	8.08	7.86	0.9	3.07
447	4/9/2008 3:01	10.04	50.972	33.25	8.61	7.89	2.1	3.025
448	4/9/2008 3:16	10.07	50.904	33.2	8.73	7.9	2.4	2.953
449	4/9/2008 3:31	10.18	50.875	33.19	8.76	7.91	2.3	2.89

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	4/9/2008 3:46	10.39	50.386	32.85	8.92	7.92	2.7	2.774
451	4/9/2008 4:01	10.53	50.589	33	8.89	7.92	2.7	2.659
452	4/9/2008 4:16	10.59	50.205	32.73	8.87	7.93	3.7	2.54
453	4/9/2008 4:31	10.62	50.4	32.87	8.89	7.93	3.2	2.409
454	4/9/2008 4:46	10.88	49.942	32.55	8.95	7.93	4.1	2.3
455	4/9/2008 5:01	11	49.83	32.48	8.87	7.93	3.8	2.164
456	4/9/2008 5:16	10.96	49.856	32.5	8.87	7.94	4.4	2.016
457	4/9/2008 5:31	11.03	49.337	32.13	8.96	7.93	5.1	1.881
458	4/9/2008 5:46	11.15	49.471	32.23	8.88	7.94	3.5	1.748
459	4/9/2008 6:01	11.69	48.757	31.74	8.84	7.94	4.9	1.601
460	4/9/2008 6:16	11.73	49.043	31.95	8.75	7.94	5.1	1.44
461	4/9/2008 6:31	11.97	47.979	31.19	8.66	7.94	5.2	1.288
462	4/9/2008 6:46	12.1	48.48	31.56	8.5	7.94	6	1.127
463	4/9/2008 7:01	12.17	48.389	31.5	8.43	7.92	7.6	0.96
464	4/9/2008 7:16	12.16	47.51	30.86	8.1	7.92	5.4	0.792
465	4/9/2008 7:31	12.11	47.356	30.75	8.12	7.88	6	0.626
466	4/9/2008 7:46	12.31	47.413	30.8	7.95	7.87	3.7	0.473
467	4/9/2008 8:01	12.4	47.138	30.6	7.6	7.87	2.8	0.32
468	4/9/2008 8:16	12.63	47.377	30.78	7.88	7.88	3.2	0.185
469	4/9/2008 8:31	12.65	47	30.51	7.38	7.85	2.6	0.079
470	4/9/2008 8:46	12.61	46.486	30.14	6.85	7.82	1.9	0.044
471	4/9/2008 9:01	12.71	48.161	31.35	7.9	7.9	3.5	0.05
472	4/9/2008 9:16	12.71	48.137	31.34	8.25	7.93	3.3	0.097
473	4/9/2008 9:31	12.65	47.592	30.94	8.26	7.92	3.3	0.196
474	4/9/2008 9:46	12.66	48.253	31.42	8.23	7.93	3.1	0.276
475	4/9/2008 10:01	12.65	48.171	31.36	8.26	7.93	2.7	0.348
476	4/9/2008 10:16	12.71	47.943	31.2	8.13	7.91	3	0.409
477	4/9/2008 10:31	12.73	47.384	30.79	8.03	7.91	2.7	0.472
478	4/9/2008 10:46	12.78	47.393	30.8	8.27	7.92	3.8	0.544
479	4/9/2008 11:01	12.72	47.612	30.96	8.17	7.91	3.4	0.606
480	4/9/2008 11:16	12.71	47.458	30.84	8.27	7.91	3.3	0.693
481	4/9/2008 11:31	12.82	47.511	30.89	8.31	7.92	4.2	0.78
482	4/9/2008 11:46	12.94	47.158	30.64	8.36	7.92	4.3	0.869
483	4/9/2008 12:01	12.74	47.502	30.88	8.5	7.93	4.3	0.981
484	4/9/2008 12:16	12.42	48.133	31.32	8.53	7.93	3.6	1.078
485	4/9/2008 12:31	12.35	48.387	31.5	8.56	7.93	3.5	1.194
486	4/9/2008 12:46	12.22	48.875	31.85	8.72	7.93	4.2	1.306
487	4/9/2008 13:01	12.24	49.093	32.01	8.81	7.94	4.2	1.424
488	4/9/2008 13:16	12.19	49.098	32.01	8.79	7.94	3.8	1.523
489	4/9/2008 13:31	12.05	49.218	32.09	8.8	7.94	3.8	1.625
490	4/9/2008 13:46	11.98	49.326	32.17	8.82	7.94	4.2	1.726
491	4/9/2008 14:01	11.94	49.345	32.18	8.82	7.94	3.8	1.807
492	4/9/2008 14:16	11.84	49.189	32.06	8.86	7.93	4.1	1.895
493	4/9/2008 14:31	11.66	49.464	32.25	8.99	7.94	4.2	1.968
494	4/9/2008 14:46	11.52	49.64	32.37	9.03	7.94	4.2	2.036

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	4/9/2008 15:01	11.35	49.906	32.56	9.08	7.94	3.5	2.104
496	4/9/2008 15:16	11.09	50.095	32.68	9.24	7.94	2.7	2.166
497	4/9/2008 15:31	11.02	50.275	32.8	9.21	7.94	2.7	2.216
498	4/9/2008 15:46	11	50.229	32.77	9.07	7.94	1.9	2.252
499	4/9/2008 16:01	11.05	50.238	32.78	8.93	7.93	1.3	2.293
500	4/9/2008 16:16	11.02	50.35	32.86	8.68	7.91	0.9	2.311
501	4/9/2008 16:31	11.17	50.146	32.72	8.47	7.9	1.1	2.297
502	4/9/2008 16:46	11.08	50.421	32.91	8.41	7.89	0.9	2.273
503	4/9/2008 17:01	11.08	50.369	32.88	8.64	7.89	1.1	2.242
504	4/9/2008 17:16	11.8	49.74	32.46	9.33	7.97	2.1	2.184
505	4/9/2008 17:31	11.91	49.73	32.46	9.35	7.97	2.1	2.116
506	4/9/2008 17:46	11.88	49.721	32.45	9.33	7.95	2.1	2.039
507	4/9/2008 18:01	11.87	49.869	32.55	9.35	7.97	2.2	1.977
508	4/9/2008 18:16	11.87	49.743	32.46	8.58	7.92	1.8	1.892
509	4/9/2008 18:31	12.2	49.27	32.14	9.1	7.96	2.3	1.819
510	4/9/2008 18:46	12.31	49.244	32.12	9.1	7.97	2	1.749
511	4/9/2008 19:01	12.39	49.227	32.11	9.03	7.97	2.1	1.68
512	4/9/2008 19:16	12.4	49.16	32.06	9.02	7.97	2	1.603
513	4/9/2008 19:31	12.53	49.02	31.97	9.02	7.97	2.6	1.534
514	4/9/2008 19:46	12.8	48.637	31.7	9.06	7.99	2.4	1.483
515	4/9/2008 20:01	12.93	48.503	31.61	8.97	7.98	2.3	1.425
516	4/9/2008 20:16	13.02	48.394	31.53	8.91	7.98	2.5	1.403
517	4/9/2008 20:31	13.04	48.305	31.47	8.41	7.94	1.5	1.371
518	4/9/2008 20:46	13.04	48.264	31.44	7.88	7.91	1	1.359
519	4/9/2008 21:01	13.06	48.308	31.47	7.12	7.87	0.8	1.36
520	4/9/2008 21:16	12.89	48.642	31.71	8.91	7.97	2.4	1.4
521	4/9/2008 21:31	12.87	48.648	31.71	9.24	8	2.9	1.424
522	4/9/2008 21:46	12.92	48.29	31.45	9.14	7.98	2.7	1.474
523	4/9/2008 22:01	12.83	48.583	31.66	9.17	7.98	2.7	1.54
524	4/9/2008 22:16	12.73	48.714	31.75	9.14	7.98	2.9	1.606
525	4/9/2008 22:31	12.85	48.671	31.73	9.09	7.98	3.2	1.678
526	4/9/2008 22:46	12.74	48.906	31.89	9	7.97	2.7	1.738
527	4/9/2008 23:01	12.59	49.071	32.01	9.16	7.97	3.1	1.825
528	4/9/2008 23:16	12.37	49.207	32.1	9.06	7.96	3.5	1.887
529	4/9/2008 23:31	12.09	49.38	32.21	9.13	7.96	3.3	1.967
530	4/9/2008 23:46	11.76	49.833	32.52	9.16	7.96	3.8	2.044
531	4/10/2008 0:01	11.55	49.896	32.56	9.1	7.95	3.3	2.121
532	4/10/2008 0:16	11.41	50.027	32.65	9.08	7.95	3.7	2.204
533	4/10/2008 0:31	11.3	50.003	32.62	9.09	7.95	2.9	2.287
534	4/10/2008 0:46	11.07	50.329	32.85	9.05	7.94	3.9	2.382
535	4/10/2008 1:01	10.82	50.483	32.94	9.07	7.95	4.7	2.461
536	4/10/2008 1:16	10.63	50.444	32.9	9.04	7.94	3.8	2.556
537	4/10/2008 1:31	10.41	50.759	33.12	9.05	7.94	3.7	2.644
538	4/10/2008 1:46	10.29	50.786	33.13	9.04	7.95	2.9	2.722
539	4/10/2008 2:01	10.17	51.093	33.35	9.09	7.95	3.3	2.805

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	4/10/2008 2:16	10.05	50.976	33.25	9.13	7.96	2	2.873
541	4/10/2008 2:31	9.96	51.139	33.36	9.14	7.96	2.1	2.93
542	4/10/2008 2:46	9.96	51.027	33.28	8.96	7.95	1.2	2.97
543	4/10/2008 3:01	9.96	51.11	33.34	8.51	7.92	0.5	2.994
544	4/10/2008 3:16	10.28	50.594	32.99	8.25	7.91	1.5	3.012
545	4/10/2008 3:31	10.19	50.832	33.16	8.07	7.88	0.9	2.99
546	4/10/2008 3:46	10.17	51.053	33.32	8.43	7.89	1.5	2.956
547	4/10/2008 4:01	10.18	50.951	33.24	8.39	7.91	1.2	2.911
548	4/10/2008 4:16	10.57	50.564	32.99	8.53	7.92	2.3	2.821
549	4/10/2008 4:31	10.68	50.472	32.93	8.64	7.92	3	2.729
550	4/10/2008 4:46	10.75	50.384	32.87	8.61	7.92	2.9	2.629
551	4/10/2008 5:01	10.92	50.135	32.7	8.59	7.93	3.4	2.522
552	4/10/2008 5:16	10.86	50.269	32.79	8.66	7.92	2.9	2.411
553	4/10/2008 5:31	10.88	50.243	32.77	8.7	7.93	3.1	2.294
554	4/10/2008 5:46	11	50.128	32.7	8.7	7.93	5.3	2.171
555	4/10/2008 6:01	10.97	49.853	32.5	8.74	7.94	3.5	2.049
556	4/10/2008 6:16	11.11	49.868	32.51	8.72	7.94	4	1.916
557	4/10/2008 6:31	11.12	49.802	32.47	8.71	7.94	4.2	1.796
558	4/10/2008 6:46	11.3	49.515	32.27	8.63	7.94	4.2	1.641
559	4/10/2008 7:01	11.45	49.043	31.93	8.56	7.93	4.9	1.516
560	4/10/2008 7:16	11.56	49.025	31.93	8.52	7.94	5.4	1.37
561	4/10/2008 7:31	11.66	48.82	31.78	8.46	7.93	6.7	1.214
562	4/10/2008 7:46	11.8	48.273	31.39	8.36	7.92	5.2	1.052
563	4/10/2008 8:01	11.87	48.357	31.46	7.98	7.9	4.2	0.917
564	4/10/2008 8:16	11.92	48.018	31.22	7.76	7.88	3.9	0.754
565	4/10/2008 8:31	12.01	48.409	31.5	7.98	7.9	3	0.606
566	4/10/2008 8:46	12.08	47.398	30.78	7.72	7.87	2.5	0.473
567	4/10/2008 9:01	12.16	47.488	30.84	7.62	7.87	2.3	0.344
568	4/10/2008 9:16	12.2	47.849	31.11	7.23	7.85	1.9	0.233
569	4/10/2008 9:31	12.3	47.977	31.2	7.41	7.87	2.4	0.16
570	4/10/2008 9:46	12.36	47.852	31.12	7.07	7.86	2.7	0.162
571	4/10/2008 10:01	12.47	48.087	31.29	7.71	7.9	2.4	0.175
572	4/10/2008 10:16	12.52	48.201	31.37	7.72	7.9	1.9	0.242
573	4/10/2008 10:31	12.5	48.477	31.57	7.82	7.9	2	0.319
574	4/10/2008 10:46	12.49	48.28	31.43	7.94	7.9	2	0.386
575	4/10/2008 11:01	12.47	48.14	31.33	7.71	7.89	1.6	0.431
576	4/10/2008 11:16	12.48	48.567	31.64	7.61	7.89	1.6	0.498
577	4/10/2008 11:31	12.46	48.388	31.51	7.77	7.89	1.5	0.534
578	4/10/2008 11:46	12.53	48.057	31.27	8.22	7.93	3	0.595
579	4/10/2008 12:01	12.56	48.084	31.29	8.12	7.92	3.3	0.666
580	4/10/2008 12:16	12.48	48.032	31.25	8.21	7.92	3.1	0.725
581	4/10/2008 12:31	12.46	48.133	31.32	8.25	7.93	3.1	0.812
582	4/10/2008 12:46	12.48	48.078	31.28	8.21	7.93	3.4	0.899
583	4/10/2008 13:01	12.63	47.421	30.81	8.36	7.93	4.2	0.995
584	4/10/2008 13:16	12.74	47.723	31.04	8.41	7.94	4.9	1.094

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	4/10/2008 13:31	12.67	48.098	31.31	8.47	7.94	4.2	1.194
586	4/10/2008 13:46	12.15	49	31.94	8.53	7.93	3.7	1.301
587	4/10/2008 14:01	12.08	48.941	31.89	8.57	7.93	3.6	1.401
588	4/10/2008 14:16	12.13	49.157	32.05	8.62	7.94	3.3	1.5
589	4/10/2008 14:31	12.08	49.314	32.16	8.65	7.94	3	1.597
590	4/10/2008 14:46	11.99	49.362	32.19	8.6	7.94	2.9	1.683
591	4/10/2008 15:01	11.96	48.899	31.86	8.61	7.93	2.7	1.763
592	4/10/2008 15:16	11.97	49.029	31.95	8.62	7.93	2.4	1.839
593	4/10/2008 15:31	11.88	49.431	32.24	8.68	7.94	2.5	1.91
594	4/10/2008 15:46	11.81	49.347	32.17	8.67	7.94	2.3	1.965
595	4/10/2008 16:01	11.75	49.601	32.35	8.61	7.93	1.8	2.018
596	4/10/2008 16:16	11.68	49.643	32.38	8.74	7.94	2.2	2.078
597	4/10/2008 16:31	11.65	49.537	32.3	8.48	7.94	1.6	2.115
598	4/10/2008 16:46	11.69	49.645	32.38	8.66	7.93	1.5	2.159
599	4/10/2008 17:01	11.61	49.787	32.48	8.25	7.9	1	2.187
600	4/10/2008 17:16	11.56	49.942	32.59	7.79	7.87	0.7	2.198
601	4/10/2008 17:31	11.66	49.83	32.52	7.57	7.86	0.9	2.198
602	4/10/2008 17:46	11.66	49.837	32.52	7.82	7.87	1.3	2.178
603	4/10/2008 18:01	11.89	49.602	32.36	8.5	7.93	2.1	2.147
604	4/10/2008 18:16	11.94	49.349	32.18	8.75	7.94	2.4	2.107
605	4/10/2008 18:31	11.88	49.758	32.47	8.8	7.94	2.1	2.056
606	4/10/2008 18:46	11.82	49.77	32.48	8.48	7.93	2.8	1.996
607	4/10/2008 19:01	11.8	49.677	32.41	8.24	7.92	2.7	1.939
608	4/10/2008 19:16	11.85	49.637	32.38	8.1	7.9	2.5	1.879
609	4/10/2008 19:31	11.88	49.686	32.42	8.42	7.91	3.4	1.812
610	4/10/2008 19:46	11.93	49.475	32.27	8.25	7.9	3.5	1.756
611	4/10/2008 20:01	12.06	49.306	32.15	8.1	7.89	4.6	1.694
612	4/10/2008 20:16	12.17	49.076	31.99	8.43	7.91	6.2	1.631
613	4/10/2008 20:31	12.23	49.203	32.09	8.44	7.93	4.5	1.602
614	4/10/2008 20:46	12.41	48.621	31.67	8.22	7.92	4.8	1.549
615	4/10/2008 21:01	12.44	48.774	31.79	8.09	7.91	4.9	1.517
616	4/10/2008 21:16	12.54	48.232	31.4	7.83	7.89	3.3	1.504
617	4/10/2008 21:31	12.55	48.451	31.56	7.15	7.87	2	1.482
618	4/10/2008 21:46	12.57	48.777	31.79	6.87	7.84	1.3	1.478
619	4/10/2008 22:01	12.6	48.654	31.71	6.79	7.82	2.2	1.502
620	4/10/2008 22:16	12.56	48.569	31.64	8.06	7.91	3.1	1.514
621	4/10/2008 22:31	12.56	48.696	31.73	8.41	7.93	4.2	1.548
622	4/10/2008 22:46	12.45	48.781	31.79	8.38	7.93	4.2	1.588
623	4/10/2008 23:01	12.39	48.924	31.89	8.36	7.93	4	1.628
624	4/10/2008 23:16	12.5	48.856	31.85	8.42	7.94	5.2	1.679
625	4/10/2008 23:31	12.55	48.726	31.76	8.47	7.94	4.5	1.74
626	4/10/2008 23:46	12.43	48.343	31.47	8.51	7.93	4.7	1.804
627	4/11/2008 0:01	12.33	49.192	32.08	8.5	7.93	4.5	1.862
628	4/11/2008 0:16	12.22	49.235	32.11	8.6	7.94	5.1	1.929
629	4/11/2008 0:31	12.07	49.13	32.03	8.69	7.94	4.8	1.995

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
630	4/11/2008 0:46	11.82	49.086	31.98	8.79	7.95	4.6	2.065
631	4/11/2008 1:01	11.45	49.89	32.55	8.85	7.95	3	2.123
632	4/11/2008 1:16	11.26	49.853	32.51	8.96	7.95	3	2.201
633	4/11/2008 1:31	11.19	50.078	32.67	9.01	7.95	3.4	2.277
634	4/11/2008 1:46	11.11	50.012	32.62	8.98	7.95	3.4	2.343
635	4/11/2008 2:01	11.05	50.052	32.64	8.99	7.95	3.5	2.424
636	4/11/2008 2:16	10.86	50.505	32.96	8.98	7.96	3.7	2.499
637	4/11/2008 2:31	10.7	49.95	32.55	9.08	7.96	2.5	2.567
638	4/11/2008 2:46	10.57	50.286	32.78	9.06	7.96	2.3	2.632
639	4/11/2008 3:01	10.44	50.586	32.99	9.04	7.95	2.3	2.699
640	4/11/2008 3:16	10.36	50.612	33.01	8.96	7.95	2	2.754
641	4/11/2008 3:31	10.33	50.274	32.76	8.7	7.94	1.2	2.795
642	4/11/2008 3:46	10.32	50.697	33.07	8.37	7.91	1	2.827
643	4/11/2008 4:01	10.47	50.398	32.86	8.16	7.9	1.8	2.842
644	4/11/2008 4:16	10.52	50.459	32.91	7.73	7.88	0.8	2.85
645	4/11/2008 4:31	10.43	50.447	32.89	7.62	7.86	0.7	2.825
646	4/11/2008 4:46	10.37	50.069	32.62	7.72	7.87	1	2.781
647	4/11/2008 5:01	10.71	49.886	32.5	8.07	7.9	1.8	2.726
648	4/11/2008 5:16	10.87	50.254	32.78	8.36	7.92	2	2.649
649	4/11/2008 5:31	10.93	49.499	32.24	8.38	7.92	2.6	2.557
650	4/11/2008 5:46	11.06	50.013	32.62	8.34	7.92	1.8	2.469
651	4/11/2008 6:01	11.07	49.681	32.38	8.27	7.91	2.1	2.365
652	4/11/2008 6:16	11.1	49.746	32.43	8.14	7.9	2	2.265
653	4/11/2008 6:31	11.08	49.433	32.2	8.47	7.91	3.6	2.16
654	4/11/2008 6:46	11.14	49.477	32.23	8.37	7.92	3.5	2.051
655	4/11/2008 7:01	11.19	49.179	32.02	8.43	7.92	4	1.942
656	4/11/2008 7:16	11.39	49.19	32.04	8.28	7.92	6.3	1.816
657	4/11/2008 7:31	11.36	49.554	32.3	8.36	7.91	4.6	1.696
658	4/11/2008 7:46	11.43	49.375	32.17	8.4	7.92	5.4	1.568
659	4/11/2008 8:01	11.45	48.918	31.84	8.38	7.92	5.5	1.443
660	4/11/2008 8:16	11.65	48.834	31.79	8.32	7.92	6.1	1.313
661	4/11/2008 8:31	11.76	48.246	31.37	8.2	7.91	6.2	1.175
662	4/11/2008 8:46	11.81	48.095	31.27	8.07	7.89	5.2	1.027
663	4/11/2008 9:01	11.94	48.197	31.35	7.86	7.88	4.5	0.893
664	4/11/2008 9:16	12.1	47.81	31.07	7.51	7.85	3.8	0.765
665	4/11/2008 9:31	12.11	47.451	30.82	7.41	7.85	3	0.63
666	4/11/2008 9:46	12.27	47.878	31.13	7.31	7.85	2.7	0.51
667	4/11/2008 10:01	12.23	47.988	31.21	7.13	7.83	2	0.414
668	4/11/2008 10:16	12.45	47.602	30.94	7.01	7.82	2.4	0.323
669	4/11/2008 10:31	12.55	47.851	31.12	6.68	7.81	1.9	0.286
670	4/11/2008 10:46	12.76	47.461	30.85	6.63	7.84	2.3	0.279
671	4/11/2008 11:01	12.78	47.855	31.13	7.15	7.85	2.5	0.29
672	4/11/2008 11:16	12.72	48.196	31.38	6.91	7.83	2.1	0.331
673	4/11/2008 11:31	12.72	48.523	31.62	7.12	7.85	2.6	0.373
674	4/11/2008 11:46	12.72	48.136	31.33	7.48	7.87	2.7	0.427

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	4/11/2008 12:01	12.77	48.554	31.64	7.45	7.88	1.8	0.47
676	4/11/2008 12:16	12.79	48.406	31.53	7.16	7.86	1.3	0.512
677	4/11/2008 12:31	12.95	47.468	30.86	7.44	7.87	2.7	0.555
678	4/11/2008 12:46	13	48.175	31.37	7.47	7.88	2.4	0.61
679	4/11/2008 13:01	12.88	47.303	30.74	7.42	7.87	2.3	0.667
680	4/11/2008 13:16	12.71	48.127	31.33	7.47	7.88	2.4	0.725
681	4/11/2008 13:31	12.65	47.751	31.05	7.79	7.9	3.2	0.799
682	4/11/2008 13:46	12.8	47.719	31.04	7.89	7.91	3.7	0.888
683	4/11/2008 14:01	12.83	47.664	31	7.85	7.9	3.6	0.966
684	4/11/2008 14:16	12.79	47.448	30.84	8.02	7.91	4.2	1.065
685	4/11/2008 14:31	12.91	48.1	31.32	8.25	7.92	4.8	1.16
686	4/11/2008 14:46	12.41	48.289	31.43	8.19	7.92	3.1	1.25
687	4/11/2008 15:01	12.32	48.744	31.76	8.35	7.92	3.5	1.353
688	4/11/2008 15:16	12.09	49.24	32.11	8.4	7.92	3.4	1.433
689	4/11/2008 15:31	12.12	48.973	31.92	8.4	7.93	2.7	1.514
690	4/11/2008 15:46	11.99	48.844	31.82	8.48	7.93	3.2	1.604
691	4/11/2008 16:01	11.86	48.724	31.72	8.49	7.93	2.8	1.672
692	4/11/2008 16:16	11.84	49.337	32.17	8.48	7.93	2.5	1.739
693	4/11/2008 16:31	11.97	48.831	31.81	8.57	7.93	3.1	1.808
694	4/11/2008 16:46	11.9	49.035	31.95	8.64	7.93	3.2	1.874
695	4/11/2008 17:01	11.82	49.134	32.02	8.75	7.95	2.3	1.929
696	4/11/2008 17:16	11.81	49.659	32.4	8.76	7.94	2.2	1.976
697	4/11/2008 17:31	11.84	49.663	32.4	8.81	7.95		2.026
698	4/11/2008 17:46	11.79	49.744	32.46	8.78	7.95	1.7	2.069
699	4/11/2008 18:01	11.69	49.907	32.57	8.75	7.94	1.4	2.106
700	4/11/2008 18:16	11.57	50.15	32.74	8.6	7.93	0.8	2.129
701	4/11/2008 18:31	11.57	50.194	32.78	7.95	7.89	0.9	2.149
702	4/11/2008 18:46	11.71	49.762	32.47	7.78	7.88	1	2.158
703	4/11/2008 19:01	11.69	49.117	32	7.17	7.85	0.6	2.149
704	4/11/2008 19:16	11.65	50.032	32.66	6.78	7.81	0.7	2.128
705	4/11/2008 19:31	11.61	49.899	32.56	7.36	7.82	0.9	2.078
706	4/11/2008 19:46	11.81	49.879	32.56	8.27	7.91	1.5	2.04
707	4/11/2008 20:01	12.3	49.393	32.23	8.43	7.93	1.5	1.991
708	4/11/2008 20:16	12.42	49.367	32.22	8.32	7.93	1.2	1.934
709	4/11/2008 20:31	12.33	49.48	32.29	8.04	7.92	1	1.873
710	4/11/2008 20:46	12.27	49.568	32.35	7.74	7.89	0.9	1.822
711	4/11/2008 21:01	12.23	49.584	32.36	7.58	7.88	1	1.771
712	4/11/2008 21:16	12.27	49.504	32.31	7.63	7.88	1.1	1.721
713	4/11/2008 21:31	12.34	49.46	32.28	7.65	7.88	0.9	1.678
714	4/11/2008 21:46	12.37	49.46	32.28	7.47	7.87	0.9	1.643
715	4/11/2008 22:01	12.42	49.324	32.18	7.23	7.85	0.8	1.609
716	4/11/2008 22:16	12.5	49.154	32.06	7.15	7.84	0.9	1.588
717	4/11/2008 22:31	12.6	49.318	32.19	7.39	7.86	1.2	1.565
718	4/11/2008 22:46	12.66	49.121	32.05	7.35	7.86	0.7	1.551
719	4/11/2008 23:01	12.68	49.26	32.15	7.46	7.87	0.7	1.572

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	4/11/2008 23:16	12.66	49.325	32.19	8.21	7.92	1.3	1.572
721	4/11/2008 23:31	12.62	49.386	32.24	8.15	7.92	1.4	1.588
722	4/11/2008 23:46	12.5	49.289	32.16	8.26	7.92	1.3	1.627
723	4/12/2008 0:01	12.45	49.373	32.22	8.34	7.93	1.6	1.661
724	4/12/2008 0:16	12.42	49.323	32.18	8.34	7.93	2.3	1.703
725	4/12/2008 0:31	12.43	49.272	32.15	8.16	7.92	1.9	1.747
726	4/12/2008 0:46	12.4	49.396	32.24	8.22	7.93	1.8	1.791
727	4/12/2008 1:01	12.27	49.521	32.32	8.41	7.93	2.3	1.853
728	4/12/2008 1:16	12.19	49.651	32.41	8.41	7.93	2	1.896
729	4/12/2008 1:31	12.05	49.43	32.24	8.5	7.93	2	1.949
730	4/12/2008 1:46	11.94	49.676	32.42	8.51	7.94	2.1	2.008
731	4/12/2008 2:01	11.61	50.074	32.69	8.66	7.94	1.6	2.065
732	4/12/2008 2:16	11.45	50.028	32.65	8.76	7.95	1.8	2.121
733	4/12/2008 2:31	11.35	50.436	32.94	8.82	7.95	1.8	2.182
734	4/12/2008 2:46	11.25	50.453	32.95	8.78	7.95	1.6	2.246
735	4/12/2008 3:01	11.08	50.563	33.02	8.81	7.96	2	2.314
736	4/12/2008 3:16	10.93	50.656	33.08	8.78	7.96	2	2.376
737	4/12/2008 3:31	10.82	50.61	33.04	8.77	7.95	2.1	2.442
738	4/12/2008 3:46	10.72	50.761	33.14	8.75	7.95	1.6	2.505
739	4/12/2008 4:01	10.58	50.869	33.21	8.73	7.95	1.5	2.561
740	4/12/2008 4:16	10.48	50.553	32.97	8.62	7.94	1.2	2.612
741	4/12/2008 4:31	10.45	50.828	33.17	8.29	7.91	0.8	2.65
742	4/12/2008 4:46	10.4	50.943	33.25	8.02	7.89	0.5	2.69
743	4/12/2008 5:01	10.37	51.003	33.29	7.65	7.87	0.5	2.707
744	4/12/2008 5:16	10.53	50.742	33.11	7.4	7.86	0.6	2.706
745	4/12/2008 5:31	10.52	50.594	33.01	7.19	7.84	0.4	2.705
746	4/12/2008 5:46	10.45	51.002	33.3	6.81	7.81	0.4	2.671
747	4/12/2008 6:01	10.68	50.675	33.08	7.55	7.85	1	2.611
748	4/12/2008 6:16	11.07	50.399	32.9	8.06	7.9	1.6	2.553
749	4/12/2008 6:31	11.1	50.197	32.75	8.09	7.9	1.5	2.479
750	4/12/2008 6:46	11.22	50.367	32.88	8.06	7.9	1.4	2.403
751	4/12/2008 7:01	11.29	49.912	32.56	8.07	7.9	1.4	2.314
752	4/12/2008 7:16	11.3	50.186	32.76	7.92	7.9	1.3	2.223
753	4/12/2008 7:31	11.33	49.998	32.62	7.91	7.9	1.6	2.137
754	4/12/2008 7:46	11.43	50.018	32.64	8.04	7.9	2.6	2.042
755	4/12/2008 8:01	11.52	49.539	32.3	8.01	7.91	1.8	1.954
756	4/12/2008 8:16	11.68	49.673	32.4	7.96	7.89	2.3	1.852
757	4/12/2008 8:31	11.88	49.649	32.4	7.92	7.91	2.7	1.752
758	4/12/2008 8:46	11.91	49.578	32.35	7.95	7.92	2.8	1.632
759	4/12/2008 9:01	12.07	49.564	32.34	7.91	7.92	2.6	1.525
760	4/12/2008 9:16	12.28	49.073	32	8.3	7.92	2.8	1.408
761	4/12/2008 9:31	12.42	49.032	31.97	8.24	7.92	2.9	1.289
762	4/12/2008 9:46	12.61	48.558	31.64	8.11	7.9	4.3	1.165
763	4/12/2008 10:01	12.7	48.18	31.37	7.38	7.86	2	1.038
764	4/12/2008 10:16	12.49	48.234	31.4	7.67	7.88	2.2	0.916

sonde #1 Indian Island Long-Term Deployment Water Quality Data								TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	4/12/2008 10:31	12.92	47.966	31.22	6.79	7.83	1.4	0.817
766	4/12/2008 10:46	13.14	47.75	31.07	6.93	7.82	1.3	0.694
767	4/12/2008 11:01	13.25	47.957	31.22	7.04	7.83	1.3	0.611
768	4/12/2008 11:16	13.28	47.394	30.82	6.59	7.8	0.8	0.543
769	4/12/2008 11:31	13.31	47.93	31.21	6.42	7.79	0.9	0.47
770	4/12/2008 11:46	13.72	48.209	31.42	6.49	7.79	0.6	0.447
771	4/12/2008 12:01	13.83	48.059	31.32	6.09	7.76	0.8	0.429
772	4/12/2008 12:16	14.04	47.581	30.98	6.81	7.8	1.1	0.436
773	4/12/2008 12:31	13.95	48.878	31.92	7.38	7.88	1.2	0.463
774	4/12/2008 12:46	13.86	48.346	31.53	7.79	7.9	1.1	0.5
775	4/12/2008 13:01	13.89	48.702	31.79	7.98	7.92	1.3	0.546
776	4/12/2008 13:16	13.84	48.736	31.81	7.87	7.91	1.4	0.602
777	4/12/2008 13:31	13.8	48.466	31.61	7.78	7.91	1.2	0.652
778	4/12/2008 13:46	14.26	48.117	31.37	8.01	7.92	2.1	0.701
779	4/12/2008 14:01	14.14	48.115	31.37	7.87	7.9	1.4	0.768
780	4/12/2008 14:16	13.9	48.306	31.5	7.91	7.89	2.4	0.827
781	4/12/2008 14:31	13.85	47.663	31.03	7.83	7.9	1.6	0.883
782	4/12/2008 14:46	13.85	48.088	31.34	7.98	7.91	2.1	0.959
783	4/12/2008 15:01	13.93	48.22	31.44	8.07	7.92	2.4	1.025
784	4/12/2008 15:16	13.89	48.173	31.4	8.01	7.91	2.3	1.1
785	4/12/2008 15:31	13.76	48.286	31.48	7.99	7.92	2.3	1.187
786	4/12/2008 15:46	13.61	48.738	31.8	8.37	7.93	2.2	1.269
787	4/12/2008 16:01	13.31	49.123	32.07	8.35	7.92	2	1.352
788	4/12/2008 16:16	12.7	49.399	32.25	8.31	7.92	1.8	1.443
789	4/12/2008 16:31	12.56	49.437	32.27	8.4	7.93	1.9	1.52
790	4/12/2008 16:46	12.47	49.528	32.33	8.46	7.93	1.8	1.609
791	4/12/2008 17:01	12.44	49.543	32.34	8.5	7.93	1.8	1.685
792	4/12/2008 17:16	12.41	49.616	32.4	8.48	7.93	1.6	1.748
793	4/12/2008 17:31	12.42	49.712	32.47	8.52	7.94	1.5	1.818
794	4/12/2008 17:46	12.29	49.624	32.4	8.44	7.93	1.5	1.884
795	4/12/2008 18:01	12.17	49.429	32.25	8.57	7.94	1.5	1.947
796	4/12/2008 18:16	12.15	49.811	32.53	8.64	7.94	1.2	1.997
797	4/12/2008 18:31	12.14	49.947	32.62	8.68	7.94	1.1	2.053
798	4/12/2008 18:46	12.14	49.608	32.38	8.71	7.94	1	2.104
799	4/12/2008 19:01	12.12	49.981	32.65	8.61	7.93	0.9	2.137
800	4/12/2008 19:16	12.08	50.129	32.75	8.26	7.91	0.7	2.166
801	4/12/2008 19:31	12.01	49.954	32.62	7.93	7.89	0.5	2.198
802	4/12/2008 19:46	11.99	50.103	32.73	7.29	7.85	0.4	2.212
803	4/12/2008 20:01	12.06	50.081	32.72	6.77	7.82	0.2	2.21
804	4/12/2008 20:16	12.06	50.215	32.82	6.04	7.78	0.2	2.186
805	4/12/2008 20:31	12.02	49.646	32.4	5.99	7.76	0.4	2.173
806	4/12/2008 20:46	12.03	49.771	32.49	6.94	7.79	0.6	2.143
807	4/12/2008 21:01	12.3	49.792	32.52	7.81	7.87	0.6	2.096
808	4/12/2008 21:16	12.56	49.664	32.44	7.84	7.89	0.7	2.056
809	4/12/2008 21:31	12.51	49.825	32.55	7.5	7.87	0.5	1.998

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
810	4/12/2008 21:46	12.52	49.726	32.48	7.4	7.86	0.5	1.945
811	4/12/2008 22:01	12.53	49.965	32.66	7.22	7.85	0.5	1.893
812	4/12/2008 22:16	12.52	49.69	32.45	7.18	7.85	0.6	1.846
813	4/12/2008 22:31	12.52	49.595	32.39	7.13	7.84	0.6	1.791
814	4/12/2008 22:46	12.6	49.44	32.28	7.03	7.84	0.7	1.752
815	4/12/2008 23:01	12.77	49.429	32.28	7.21	7.85	0.8	1.719
816	4/12/2008 23:16	12.86	49.217	32.12	7.07	7.84	0.7	1.668
817	4/12/2008 23:31	12.99	49.367	32.24	7.26	7.86	0.7	1.634
818	4/12/2008 23:46	13.07	49.007	31.98	6.77	7.83	0.4	1.622
819	4/13/2008 0:01	13.07	48.894	31.9	6.01	7.77	0.2	1.601
820	4/13/2008 0:16	13.09	48.917	31.91	5.41	7.73	0.1	1.585
821	4/13/2008 0:31	13.09	49.194	32.12	5.8	7.72	0.2	1.59
822	4/13/2008 0:46	13.12	48.785	31.82	7.03	7.83	0.5	1.598
823	4/13/2008 1:01	13.2	48.952	31.94	7.65	7.88	0.7	1.622
824	4/13/2008 1:16	13.1	48.487	31.6	7.68	7.87	0.7	1.643
825	4/13/2008 1:31	12.91	49.147	32.08	7.78	7.89	1	1.67
826	4/13/2008 1:46	12.81	49.349	32.22	8.03	7.92	1.8	1.716
827	4/13/2008 2:01	12.86	49.145	32.07	8.15	7.91	1.5	1.756
828	4/13/2008 2:16	12.82	49.147	32.07	8.12	7.91	1.5	1.801
829	4/13/2008 2:31	12.71	49.224	32.12	8.15	7.91	1.5	1.852
830	4/13/2008 2:46	12.54	49.696	32.46	8.22	7.92	1.6	1.905
831	4/13/2008 3:01	12.4	48.77	31.78	8.19	7.91	1.5	1.951
832	4/13/2008 3:16	12.41	49.459	32.28	8.27	7.92	1.3	2.005
833	4/13/2008 3:31	12.25	49.694	32.45	8.46	7.92	1.5	2.064
834	4/13/2008 3:46	11.99	50.048	32.69	8.54	7.93	1.3	2.12
835	4/13/2008 4:01	11.84	49.795	32.5	8.62	7.94	1.4	2.178
836	4/13/2008 4:16	11.64	50.178	32.77	8.63	7.94	1.2	2.236
837	4/13/2008 4:31	11.51	49.949	32.59	8.84	7.94	1.3	2.297
838	4/13/2008 4:46	11.43	50.491	32.98	8.72	7.94	1.1	2.352
839	4/13/2008 5:01	11.38	50.032	32.65	8.67	7.94	1.1	2.407
840	4/13/2008 5:16	11.28	50.431	32.93	8.8	7.95	1.2	2.462
841	4/13/2008 5:31	11.21	50.616	33.06	8.68	7.94	0.9	2.505
842	4/13/2008 5:46	11.15	50.569	33.03	8.41	7.92	0.4	2.537
843	4/13/2008 6:01	11.09	50.354	32.87	8.05	7.9	0.3	2.57
844	4/13/2008 6:16	11.05	50.466	32.95	7.71	7.87	0.3	2.584
845	4/13/2008 6:31	11.14	50.582	33.03	7.14	7.84	0.7	2.571
846	4/13/2008 6:46	11.13	50.53	33	6.82	7.82	0.4	2.567
847	4/13/2008 7:01	11.09	50.368	32.88	6.5	7.8	0.4	2.54
848	4/13/2008 7:16	11.78	50.122	32.73	7.54	7.87	1.2	2.494
849	4/13/2008 7:31	11.89	50.208	32.8	7.65	7.88	1.4	2.436
850	4/13/2008 7:46	11.89	50.242	32.83	7.68	7.88	0.9	2.373
851	4/13/2008 8:01	11.99	50.152	32.77	7.62	7.88	0.7	2.296
852	4/13/2008 8:16	12.05	49.678	32.42	7.66	7.87	1.7	2.227
853	4/13/2008 8:31	12.03	49.661	32.41	7.51	7.86	0.7	2.141
854	4/13/2008 8:46	12.04	49.916	32.6	7.23	7.85	0.7	2.055

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	4/13/2008 9:01	12.12	49.502	32.3	7.13	7.85	1	1.974
856	4/13/2008 9:16	12.25	49.849	32.56	7.13	7.85	1.2	1.882
857	4/13/2008 9:31	12.4	49.544	32.34	7.34	7.86	0.8	1.792
858	4/13/2008 9:46	12.56	49.463	32.29	7.3	7.9	1.2	1.684
859	4/13/2008 10:01	12.72	49.344	32.21	7.45	7.9	1.6	1.591
860	4/13/2008 10:16	12.94	49.288	32.18	7.6	7.91	1.6	1.481
861	4/13/2008 10:31	12.99	49.335	32.22	7.56	7.9	1.6	1.374
862	4/13/2008 10:46	13.2	48.775	31.82	7.48	7.9	1.7	1.267
863	4/13/2008 11:01	13.05	48.081	31.31	7.03	7.84	1.9	1.146
864	4/13/2008 11:16	13.12	47.75	31.07	7.09	7.83	1.3	1.047
865	4/13/2008 11:31	13.24	48.308	31.48	6.92	7.84	1.1	0.933
866	4/13/2008 11:46	13.38	48.284	31.47	6.72	7.8	0.7	0.841
867	4/13/2008 12:01	13.58	48.067	31.32	6.61	7.81	0.9	0.756
868	4/13/2008 12:16	13.64	48.163	31.39	6.47	7.8	0.5	0.664
869	4/13/2008 12:31	14.02	47.736	31.09	6.68	7.82	1.1	0.609
870	4/13/2008 12:46	14.03	47.971	31.26	6.16	7.78	0.5	0.575
871	4/13/2008 13:01	14.04	48.147	31.39	5.5	7.73	0.4	0.546
872	4/13/2008 13:16	14.28	48.389	31.57	5.98	7.77	0.7	0.529
873	4/13/2008 13:31	14.35	48.64	31.75	6.91	7.87	0.7	0.555
874	4/13/2008 13:46	14.28	48.795	31.87	7.41	7.88	0.9	0.566
875	4/13/2008 14:01	14.18	48.716	31.81	7.58	7.89	1.4	0.595
876	4/13/2008 14:16	14.14	48.802	31.87	7.74	7.91	1	0.638
877	4/13/2008 14:31	14.11	48.947	31.97	7.61	7.9	1	0.685
878	4/13/2008 14:46	14.09	48.805	31.87	7.85	7.92	1.4	0.746
879	4/13/2008 15:01	14.16	48.289	31.49	7.92	7.93	2	0.784
880	4/13/2008 15:16	14.32	47.893	31.21	8	7.93	2.1	0.858
881	4/13/2008 15:31	14.32	48.371	31.56	7.89	7.92	2.1	0.931
882	4/13/2008 15:46	14.29	48.326	31.52	7.93	7.92	2.4	0.991
883	4/13/2008 16:01	14.27	48.324	31.52	7.93	7.93	2.4	1.063
884	4/13/2008 16:16	14.19	48.365	31.55	7.98	7.93	2.6	1.144
885	4/13/2008 16:31	14.11	48.445	31.61	7.84	7.92	2	1.233
886	4/13/2008 16:46	13.76	48.547	31.67	7.97	7.92	2.1	1.312
887	4/13/2008 17:01	13.5	48.723	31.79	8.11	7.92	2.1	1.396
888	4/13/2008 17:16	13.07	49.316	32.2	8.07	7.9	8.8	1.485
889	4/13/2008 17:31	12.97	49.618	32.42	8.06	7.91	1.8	1.565
890	4/13/2008 17:46	12.84	49.503	32.33	8.21	7.92	1.5	1.649
891	4/13/2008 18:01	12.74	49.363	32.23	8.22	7.92	1.5	1.718
892	4/13/2008 18:16	12.57	49.619	32.41	8.23	7.92	1.9	1.794
893	4/13/2008 18:31	12.51	49.656	32.43	8.28	7.92	1.5	1.864
894	4/13/2008 18:46	12.46	49.331	32.19	8.38	7.93	1.8	1.935
895	4/13/2008 19:01	12.29	50.024	32.69	8.52	7.94	1.4	1.991
896	4/13/2008 19:16	12.15	49.49	32.29	8.52	7.94	1.3	2.057
897	4/13/2008 19:31	12.05	49.63	32.39	8.64	7.94	1	2.124
898	4/13/2008 19:46	11.98	49.947	32.62	8.52	7.93	0.9	2.165
899	4/13/2008 20:01	11.91	50.053	32.69	8.42	7.92	0.7	2.214

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
900	4/13/2008 20:16	11.76	49.35	32.17	8.31	7.92	0.6	2.27
901	4/13/2008 20:31	11.65	50.395	32.93	8.04	7.92	0.4	2.296
902	4/13/2008 20:46	11.62	49.816	32.5	7.67	7.89	0.4	2.305
903	4/13/2008 21:01	11.72	49.791	32.49	7.21	7.86	0.5	2.31
904	4/13/2008 21:16	11.68	49.69	32.42	6.85	7.82	0.5	2.306
905	4/13/2008 21:31	11.67	50.288	32.85	7.14	7.8	0.5	2.277
906	4/13/2008 21:46	11.79	49.797	32.5	7.2	7.83	1	2.227
907	4/13/2008 22:01	11.81	50.113	32.73	7.16	7.81	1.5	2.185
908	4/13/2008 22:16	11.81	50.209	32.8	6.87	7.82	0.6	2.13
909	4/13/2008 22:31	11.82	49.841	32.53	7.07	7.83	0.7	2.066
910	4/13/2008 22:46	11.82	49.874	32.56	7.2	7.84	0.9	2.011
911	4/13/2008 23:01	11.86	49.138	32.02	6.88	7.83	0.6	1.958
912	4/13/2008 23:16	11.88	49.645	32.39	7.07	7.84	0.9	1.885
913	4/13/2008 23:31	12.04	49.851	32.55	7.14	7.86	0.9	1.828
914	4/13/2008 23:46	12.17	49.627	32.39	7.2	7.84	0.9	1.761
915	4/14/2008 0:01	12.22	49.197	32.08	7.06	7.83	0.8	1.708
916	4/14/2008 0:16	12.39	49.404	32.24	7.25	7.85	1.5	1.666
917	4/14/2008 0:31	12.65	49.305	32.18	7.32	7.86	1.1	1.601
918	4/14/2008 0:46	12.77	49.039	31.99	7.19	7.85	1	1.554
919	4/14/2008 1:01	12.88	49.02	31.98	6.91	7.83	0.7	1.53
920	4/14/2008 1:16	12.91	48.716	31.76	6.47	7.8	0.5	1.493
921	4/14/2008 1:31	12.97	48.717	31.77	6.07	7.78	0.5	1.483
922	4/14/2008 1:46	12.97	49.074	32.02	5.44	7.74	0.2	1.467
923	4/14/2008 2:01	13	49.159	32.09	4.84	7.69	0.2	1.453
924	4/14/2008 2:16	12.9	48.374	31.51	5.94	7.73	0.9	1.461
925	4/14/2008 2:31	12.86	49.506	32.34	7.29	7.87	1.1	1.488
926	4/14/2008 2:46	13	49.133	32.07	7.48	7.89	1	1.516
927	4/14/2008 3:01	12.89	48.739	31.78	7.55	7.88	1.1	1.571
928	4/14/2008 3:16	12.78	49.342	32.21	7.48	7.88	1.2	1.604
929	4/14/2008 3:31	12.63	49.289	32.17	7.67	7.88	1.5	1.661
930	4/14/2008 3:46	12.68	49.4	32.25	7.72	7.88	1.6	1.71
931	4/14/2008 4:01	12.65	48.983	31.95	7.68	7.88	1.2	1.767
932	4/14/2008 4:16	12.6	48.985	31.95	7.7	7.88	1.3	1.807
933	4/14/2008 4:31	12.52	49.343	32.2	7.83	7.89	1.3	1.874
934	4/14/2008 4:46	12.38	49.831	32.55	7.8	7.9	1.2	1.932
935	4/14/2008 5:01	12.21	49.705	32.45	7.97	7.9	1.2	1.999
936	4/14/2008 5:16	12.03	49.601	32.37	8.01	7.9	0.9	2.046
937	4/14/2008 5:31	11.83	50.228	32.81	8.12	7.93	1.5	2.104
938	4/14/2008 5:46	11.68	49.776	32.48	8.46	7.93	1.3	2.178
939	4/14/2008 6:01	11.58	50.317	32.87	8.4	7.93	1.1	2.2
940	4/14/2008 6:16	11.51	50.186	32.77	8.4	7.93	0.9	2.267
941	4/14/2008 6:31	11.45	50.296	32.84	8.46	7.93	0.7	2.314
942	4/14/2008 6:46	11.36	50.424	32.93	8.45	7.93	1	2.365
943	4/14/2008 7:01	11.29	50.138	32.72	8.33	7.92	0.5	2.411
944	4/14/2008 7:16	11.24	50.55	33.02	8.11	7.9	0.4	2.448

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
945	4/14/2008 7:31	11.21	50.28	32.82	7.82	7.89	0.4	2.47
946	4/14/2008 7:46	11.23	50.241	32.79	7.03	7.84	0.4	2.465
947	4/14/2008 8:01	11.25	50.072	32.67	6.3	7.78	0.5	2.465
948	4/14/2008 8:16	11.25	49.517	32.27	6.13	7.77	0.4	2.444
949	4/14/2008 8:31	11.24	50.333	32.86	6.97	7.81	0.6	2.419
950	4/14/2008 8:46	11.47	49.925	32.58	7.21	7.87	1.4	2.371
951	4/14/2008 9:01	11.69	50.119	32.73	7.5	7.87	1	2.311
952	4/14/2008 9:16	11.82	50.133	32.74	7.46	7.86	0.5	2.238
953	4/14/2008 9:31	11.81	49.717	32.44	7.28	7.85	0.5	2.159
954	4/14/2008 9:46	11.93	50.178	32.78	7.69	7.85	0.9	2.086
955	4/14/2008 10:01	12.05	49.634	32.39	7.55	7.87	0.8	2.018
956	4/14/2008 10:16	12.08	49.202	32.08	6.67	7.83	0.7	1.928
957	4/14/2008 10:31	12.1	49.179	32.06	6.89	7.83	0.7	1.844
958	4/14/2008 10:46	12.06	49.309	32.16	6.77	7.83	1.1	1.754
959	4/14/2008 11:01	12.37	49.307	32.17	7.65	7.88	1.9	1.66
960	4/14/2008 11:16	12.37	49.346	32.2	7.87	7.85	2.3	1.545
961	4/14/2008 11:31	12.63	48.227	31.4	8.06	7.88	2.3	1.467
962	4/14/2008 11:46	12.77	48.329	31.48	7.8	7.86	1.8	1.364
963	4/14/2008 12:01	12.92	48.778	31.81	7.55	7.89	2	1.258
964	4/14/2008 12:16	12.96	48.095	31.31	7.26	7.9	1.7	1.147
965	4/14/2008 12:31	12.75	48.429	31.55	7.09	7.84	1	1.056
966	4/14/2008 12:46	13.02	48.69	31.75	6.79	7.85	1	0.956
967	4/14/2008 13:01	12.95	47.885	31.16	6.66	7.81	0.6	0.862
968	4/14/2008 13:16	13.09	48.544	31.64	6.48	7.82	0.7	0.788
969	4/14/2008 13:31	13.13	48.355	31.51	6.32	7.8	0.5	0.728
970	4/14/2008 13:46	13.21	48.462	31.59	5.96	7.78	0.4	0.674
971	4/14/2008 14:01	13.26	47.935	31.21	5.7	7.76	0.5	0.623
972	4/14/2008 14:16	13.44	48.234	31.43	5.18	7.74	0.4	0.616
973	4/14/2008 14:31	13.71	48.366	31.54	5.82	7.77	0.7	0.601
974	4/14/2008 14:46	13.84	49.051	32.04	7.83	7.92	1.2	0.635
975	4/14/2008 15:01	13.83	48.557	31.68	7.97	7.93	1.7	0.688
976	4/14/2008 15:16	13.77	48.746	31.81	7.96	7.91	1	0.693
977	4/14/2008 15:31	13.8	49.229	32.17	7.88	7.91	1.1	0.763
978	4/14/2008 15:46	13.82	48.044	31.31	7.89	7.9	1.3	0.816
979	4/14/2008 16:01	13.73	48.754	31.82	7.92	7.91	1.8	0.875
980	4/14/2008 16:16	13.78	47.999	31.27	8.01	7.92	1.8	0.941
981	4/14/2008 16:31	13.8	48.27	31.47	8.2	7.94	3.5	1.015
982	4/14/2008 16:46	13.84	48.738	31.81	8.36	7.95	3.1	1.095
983	4/14/2008 17:01	13.63	48.6	31.7	8.17	7.93	1.7	1.164
984	4/14/2008 17:16	13.41	48.47	31.6	8.03	7.92	1.8	1.246
985	4/14/2008 17:31	13.26	48.213	31.41	8.15	7.92	2.1	1.328
986	4/14/2008 17:46	13.12	49.298	32.19	8.18	7.93	2	1.412
987	4/14/2008 18:01	12.89	49.495	32.33	8.28	7.93	1.7	1.505
988	4/14/2008 18:16	12.63	49.62	32.41	8.31	7.92	1.5	1.591
989	4/14/2008 18:31	12.56	49.749	32.5	8.47	7.94	2.2	1.679

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
990	4/14/2008 18:46	12.51	49.696	32.46	8.54	7.94	1.8	1.768
991	4/14/2008 19:01	12.39	49.799	32.53	8.52	7.94	1.7	1.85
992	4/14/2008 19:16	12.34	49.065	31.99	8.58	7.94	1.6	1.935
993	4/14/2008 19:31	12.26	49.911	32.6	8.64	7.94	1.5	2.003
994	4/14/2008 19:46	12.14	49.727	32.46	8.66	7.95	1.9	2.084
995	4/14/2008 20:01	11.97	49.842	32.54	8.75	7.96	1.2	2.147
996	4/14/2008 20:16	11.87	50.303	32.87	8.84	7.96	1.2	2.208
997	4/14/2008 20:31	11.72	50.048	32.68	9.03	7.97	1	2.268
998	4/14/2008 20:46	11.61	49.664	32.39	8.97	7.96	0.5	2.333
999	4/14/2008 21:01	11.49	50.438	32.95	8.83	7.95	0.5	2.391
1000	4/14/2008 21:16	11.36	50.584	33.05	8.67	7.95	0.7	2.421
1001	4/14/2008 21:31	11.32	50.609	33.06	8.24	7.93	0.4	2.46
1002	4/14/2008 21:46	11.31	50.621	33.07	7.5	7.88	0.8	2.465
1003	4/14/2008 22:01	11.34	49.756	32.45	6.97	7.83	0.2	2.45
1004	4/14/2008 22:16	11.35	50.609	33.07	6.66	7.81	0.2	2.418
1005	4/14/2008 22:31	11.42	50.158	32.74	7.28	7.83	0.9	2.388
1006	4/14/2008 22:46	11.47	50.278	32.83	7.5	7.85	0.6	2.324
1007	4/14/2008 23:01	11.64	49.839	32.52	8.26	7.91	1.8	2.274
1008	4/14/2008 23:16	11.73	50.148	32.75	8.13	7.92	1.1	2.198
1009	4/14/2008 23:31	11.69	49.604	32.35	8.07	7.92	1.6	2.127
1010	4/14/2008 23:46	11.77	48.945	31.88	8.11	7.91	1.4	2.053
1011	4/15/2008 0:01	11.82	50.084	32.71	7.92	7.91	1.5	1.976
1012	4/15/2008 0:16	11.93	49.419	32.23	7.54	7.88	0.7	1.901
1013	4/15/2008 0:31	12.04	49.034	31.96	7.35	7.86	0.8	1.836
1014	4/15/2008 0:46	12.06	49.502	32.3	7.1	7.85	0.9	1.755
1015	4/15/2008 1:01	12.19	49.682	32.43	7.74	7.89	1.7	1.672
1016	4/15/2008 1:16	12.32	48.345	31.47	7.79	7.88	2	1.619
1017	4/15/2008 1:31	12.39	49.061	31.99	7.69	7.88	2	1.556
1018	4/15/2008 1:46	12.43	49.363	32.21	7.43	7.88	1.6	1.482
1019	4/15/2008 2:01	12.47	48.218	31.38	7.38	7.86	1.1	1.425
1020	4/15/2008 2:16	12.54	48.775	31.79	7.09	7.85	1	1.383
1021	4/15/2008 2:31	12.59	48.756	31.78	6.59	7.82	0.7	1.349
1022	4/15/2008 2:46	12.6	48.301	31.45	6.27	7.8	0.4	1.311
1023	4/15/2008 3:01	12.64	49.105	32.03	5.81	7.77	0.2	1.29
1024	4/15/2008 3:16	12.68	49.044	31.99	5.2	7.73	0.3	1.309
1025	4/15/2008 3:31	12.75	49.011	31.97	6.45	7.79	1.3	1.326
1026	4/15/2008 3:46	12.69	47.944	31.19	7.24	7.85	1.3	1.363
1027	4/15/2008 4:01	12.64	48.566	31.64	7.29	7.87	1.8	1.388
1028	4/15/2008 4:16	12.55	49.209	32.11	7.56	7.88	2.5	1.454
1029	4/15/2008 4:31	12.38	48.073	31.28	7.78	7.89	2.5	1.511
1030	4/15/2008 4:46	12.32	48.912	31.88	7.75	7.89	2.9	1.577
1031	4/15/2008 5:01	12.33	48.71	31.74	7.68	7.88	2	1.634
1032	4/15/2008 5:16	12.24	49.375	32.21	7.62	7.89	2.4	1.693
1033	4/15/2008 5:31	12.22	48.74	31.75	7.66	7.88	1.5	1.771
1034	4/15/2008 5:46	12.15	49.539	32.33	7.75	7.88	1.3	1.812

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1035	4/15/2008 6:01	12.03	49.762	32.48	7.67	7.89	1.2	1.866
1036	4/15/2008 6:16	11.9	49.084	31.99	8.06	7.9	1.6	1.935
1037	4/15/2008 6:31	11.82	48.738	31.73	8.06	7.9	1.2	1.985
1038	4/15/2008 6:46	11.75	49.911	32.58	8.23	7.92	1.2	2.04
1039	4/15/2008 7:01	11.71	49.275	32.12	8.36	7.92	1.3	2.096
1040	4/15/2008 7:16	11.65	49.914	32.58	8.19	7.93	1	2.165
1041	4/15/2008 7:31	11.56	49.038	31.94	8.44	7.92	1.3	2.21
1042	4/15/2008 7:46	11.46	49.59	32.33	8.31	7.92	1	2.26
1043	4/15/2008 8:01	11.29	49.961	32.59	8.33	7.92	0.8	2.314
1044	4/15/2008 8:16	11.18	50.141	32.72	8.31	7.92	0.5	2.363
1045	4/15/2008 8:31	11.08	50.347	32.86	8.29	7.91	0.6	2.408
1046	4/15/2008 8:46	11.03	49.32	32.11	8.05	7.89	0.5	2.429
1047	4/15/2008 9:01	11.01	49.265	32.07	7.6	7.86	0.5	2.445
1048	4/15/2008 9:16	11.03	49.224	32.04	6.88	7.82	0.3	2.457
1049	4/15/2008 9:31	11.05	49.263	32.07	6.42	7.79	0.2	2.44
1050	4/15/2008 9:46	11.05	49.745	32.42	6.15	7.77	0.2	2.42
1051	4/15/2008 10:01	11.44	48.798	31.76	7.66	7.85	1.2	2.362
1052	4/15/2008 10:16	11.66	49.573	32.33	7.65	7.88	0.5	2.299
1053	4/15/2008 10:31	11.72	48.696	31.7	7.66	7.87	0.6	2.24
1054	4/15/2008 10:46	11.82	48.747	31.74	7.82	7.88	0.7	2.155
1055	4/15/2008 11:01	11.91	49.328	32.16	7.67	7.88	0.9	2.075
1056	4/15/2008 11:16	12.01	48.779	31.77	7.2	7.86	0.7	1.986
1057	4/15/2008 11:31	12.13	48.93	31.89	6.99	7.84	0.6	1.906
1058	4/15/2008 11:46	12.16	48.791	31.79	6.91	7.82	0.6	1.807
1059	4/15/2008 12:01	12.33	47.973	31.2	6.65	7.81	0.5	1.718
1060	4/15/2008 12:16	12.31	47.847	31.11	6.49	7.81	0.5	1.621
1061	4/15/2008 12:31	12.49	47.656	30.98	6.62	7.8	0.6	1.511
1062	4/15/2008 12:46	12.68	47.808	31.1	6.74	7.81	0.7	1.413
1063	4/15/2008 13:01	12.69	47.737	31.05	6.8	7.81	0.6	1.305
1064	4/15/2008 13:16	12.9	48.624	31.7	7.15	7.82	0.6	1.199
1065	4/15/2008 13:31	13	48.468	31.59	6.74	7.82	0.5	1.096
1066	4/15/2008 13:46	13.07	47.874	31.16	6.83	7.82	0.6	0.989
1067	4/15/2008 14:01	13.39	47.836	31.14	7.06	7.86	0.6	0.909
1068	4/15/2008 14:16	13.44	47.859	31.16	6.84	7.82	0.5	0.836
1069	4/15/2008 14:31	13.39	47.876	31.17	6.2	7.79	0.5	0.753
1070	4/15/2008 14:46	13.5	48.795	31.84	6.27	7.79	0.8	0.713
1071	4/15/2008 15:01	13.56	47.813	31.13	5.85	7.75	0.3	0.69
1072	4/15/2008 15:16	13.64	47.733	31.08	5.33	7.72	0.4	0.687
1073	4/15/2008 15:31	13.75	48.336	31.52	6.45	7.79	0.5	0.664
1074	4/15/2008 15:46	13.79	48.543	31.67	8.22	7.91	1.1	0.709
1075	4/15/2008 16:01	13.83	47.994	31.27	8.4	7.92	1	0.747
1076	4/15/2008 16:16	13.78	48.069	31.32	8.33	7.94	1	0.799
1077	4/15/2008 16:31	13.77	48.721	31.8	8.46	7.95	1.2	0.857
1078	4/15/2008 16:46	13.73	48.038	31.3	8.41	7.94	0.9	0.914
1079	4/15/2008 17:01	13.71	48.607	31.71	8.57	7.97	2.7	0.989

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1080	4/15/2008 17:16	13.68	47.328	30.78	8.68	7.97	3	1.074
1081	4/15/2008 17:31	13.72	47.731	31.08	8.33	7.94	1.8	1.141
1082	4/15/2008 17:46	13.74	47.41	30.85	8.2	7.94	1.5	1.216
1083	4/15/2008 18:01	13.56	48.679	31.76	8.47	7.95	1.6	1.303
1084	4/15/2008 18:16	13.37	48.086	31.32	8.48	7.94	1.3	1.387
1085	4/15/2008 18:31	13.18	48.111	31.33	8.49	7.93	1.5	1.466
1086	4/15/2008 18:46	13.01	48.59	31.68	8.56	7.94	1.7	1.548
1087	4/15/2008 19:01	12.8	48.329	31.48	8.66	7.95	1.7	1.643
1088	4/15/2008 19:16	12.71	48.389	31.52	8.69	7.94	1.5	1.727
1089	4/15/2008 19:31	12.59	49.208	32.11	8.85	7.95	1.6	1.809
1090	4/15/2008 19:46	12.53	48.516	31.6	8.7	7.95	1.5	1.893
1091	4/15/2008 20:01	12.44	48.546	31.62	8.85	7.95	1.4	1.976
1092	4/15/2008 20:16	12.32	48.608	31.66	8.92	7.95	1.2	2.058
1093	4/15/2008 20:31	12.22	48.688	31.71	8.85	7.96	1	2.124
1094	4/15/2008 20:46	12.09	48.779	31.77	8.9	7.95	1.3	2.209
1095	4/15/2008 21:01	11.94	48.78	31.77	8.89	7.96	1	2.273
1096	4/15/2008 21:16	11.78	49.617	32.37	9.23	7.97	1.1	2.336
1097	4/15/2008 21:31	11.6	49.168	32.03	9.3	7.97	1.2	2.404
1098	4/15/2008 21:46	11.3	50.171	32.74	9.44	7.99	1.7	2.457
1099	4/15/2008 22:01	11.23	49.887	32.53	9.17	7.97	0.7	2.492
1100	4/15/2008 22:16	11.17	50.481	32.96	9.06	7.95	0.4	2.524
1101	4/15/2008 22:31	11.18	49.442	32.21	8.23	7.91	0.2	2.543
1102	4/15/2008 22:46	11.32	49.762	32.45	7.49	7.87	0.2	2.519
1103	4/15/2008 23:01	11.36	49.596	32.33	7.21	7.85	0.2	2.49
1104	4/15/2008 23:16	11.34	49.336	32.14	7.11	7.84	0.5	2.45
1105	4/15/2008 23:31	11.71	49.703	32.43	7.91	7.89	1.4	2.376
1106	4/15/2008 23:46	11.81	48.732	31.73	7.91	7.89	1.2	2.303
1107	4/16/2008 0:01	11.84	48.77	31.76	7.8	7.88	0.9	2.222
1108	4/16/2008 0:16	11.72	49.566	32.33	7.89	7.9	1.6	2.135
1109	4/16/2008 0:31	11.79	48.678	31.69	7.95	7.88	0.7	2.042
1110	4/16/2008 0:46	11.94	49.943	32.61	7.61	7.88	0.7	1.961
1111	4/16/2008 1:01	12.02	48.545	31.6	7.51	7.87	1.1	1.87
1112	4/16/2008 1:16	12.08	49.881	32.57	7.3	7.87	0.7	1.78
1113	4/16/2008 1:31	12.11	49.12	32.02	8.01	7.9	2	1.686
1114	4/16/2008 1:46	12.21	49.425	32.25	7.95	7.91	1.8	1.598
1115	4/16/2008 2:01	12.22	49.179	32.07	8.01	7.91	2.1	1.511
1116	4/16/2008 2:16	12.27	49.101	32.02	7.91	7.89	1.7	1.412
1117	4/16/2008 2:31	12.33	47.975	31.2	7.31	7.88	1.3	1.342
1118	4/16/2008 2:46	12.31	48.752	31.76	7.03	7.85	0.6	1.264
1119	4/16/2008 3:01	12.32	47.647	30.97	7.1	7.85	0.7	1.182
1120	4/16/2008 3:16	12.42	47.633	30.96	6.87	7.84	0.4	1.141
1121	4/16/2008 3:31	12.55	48.608	31.67	6.48	7.82	0.3	1.094
1122	4/16/2008 3:46	12.48	47.641	30.97	6.6	7.82	0.4	1.061
1123	4/16/2008 4:01	12.58	48.808	31.82	5.99	7.79	0.4	1.052
1124	4/16/2008 4:16	12.67	48.363	31.5	5.46	7.75	0.7	1.072

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1125	4/16/2008 4:31	12.68	49.34	32.21	7.26	7.89	1.9	1.098
1126	4/16/2008 4:46	12.65	49.28	32.16	7.54	7.92	1.5	1.119
1127	4/16/2008 5:01	12.61	48.656	31.71	7.95	7.94	3	1.176
1128	4/16/2008 5:16	12.46	48.939	31.91	8.03	7.94	3.1	1.241
1129	4/16/2008 5:31	12.43	48.013	31.23	7.95	7.93	3.6	1.315
1130	4/16/2008 5:46	12.4	48.387	31.5	7.89	7.93	4	1.377
1131	4/16/2008 6:01	12.39	47.597	30.93	7.77	7.92	2.3	1.449
1132	4/16/2008 6:16	12.42	47.68	30.99	7.76	7.91	2.1	1.52
1133	4/16/2008 6:31	12.39	47.98	31.21	7.92	7.91	1.5	1.586
1134	4/16/2008 6:46	12.26	48.726	31.74	7.78	7.9	1.2	1.651
1135	4/16/2008 7:01	12.12	49.072	31.99	7.95	7.9	0.9	1.727
1136	4/16/2008 7:16	12	49.118	32.02	8.25	7.92	4.5	1.786
1137	4/16/2008 7:31	11.9	49.424	32.23	8.44	7.94	1.5	1.858
1138	4/16/2008 7:46	11.86	48.684	31.69	8.48	7.94	1.6	1.926
1139	4/16/2008 8:01	11.82	49.764	32.48	8.53	7.95	1.9	1.988
1140	4/16/2008 8:16	11.77	49.03	31.94	8.6	7.95	2.1	2.06
1141	4/16/2008 8:31	11.68	49.961	32.61	8.63	7.95	1.8	2.121
1142	4/16/2008 8:46	11.59	50.105	32.71	8.71	7.95	1.4	2.177
1143	4/16/2008 9:01	11.53	49.037	31.93	8.82	7.95	1.1	2.24
1144	4/16/2008 9:16	11.42	50.064	32.67	8.82	7.95	0.9	2.292
1145	4/16/2008 9:31	11.26	49.883	32.53	8.85	7.95	0.9	2.341
1146	4/16/2008 9:46	11.18	48.975	31.87	8.64	7.96	2.4	2.38
1147	4/16/2008 10:01	12.09	49.414	32.23	9.24	7.98		2.345
1148	4/16/2008 10:16	11.91	48.411	31.5	9.7	7.99		2.381
1149	4/16/2008 10:31	11.79	49.296	32.13	9.2	7.98		2.377
1150	4/16/2008 10:46	11.74	49.299	32.13	9.03	7.97		2.353
1151	4/16/2008 11:01	11.67	48.965	31.89	8.96	7.97	4.9	2.306
1152	4/16/2008 11:16	11.6	49.028	31.93	8.84	7.96	4.2	2.253
1153	4/16/2008 11:31	11.75	48.924	31.86	8.87	7.95	3.9	2.164
1154	4/16/2008 11:46	11.88	48.835	31.81	8.87	7.96	4.2	2.096
1155	4/16/2008 12:01	11.99	48.583	31.63	8.97	7.96	4.3	2.01
1156	4/16/2008 12:16	12.09	49.035	31.96	9	7.97	4.6	1.897
1157	4/16/2008 12:31	12.22	48.906	31.87	8.97	7.96	4.2	1.822
1158	4/16/2008 12:46	12.44	48.964	31.92	9.13	7.97	2.9	1.731
1159	4/16/2008 13:01	12.74	48.927	31.91	9.15	7.99	2.5	1.628
1160	4/16/2008 13:16	12.99	48.984	31.96	9.35	7.99	2.4	1.526
1161	4/16/2008 13:31	13.12	49.052	32.01	9.23	8	2.6	1.417
1162	4/16/2008 13:46	13.26	49.072	32.03	9.4	7.99	2.3	1.317
1163	4/16/2008 14:01	13.38	49.082	32.05	9.34	8	2.3	1.214
1164	4/16/2008 14:16	13.51	48.584	31.69	9.36	7.99	2.1	1.098
1165	4/16/2008 14:31	13.6	48.881	31.91	9.12	7.99	2.2	1.005
1166	4/16/2008 14:46	13.61	48.77	31.83	8.96	7.98	2	0.926
1167	4/16/2008 15:01	13.7	48.92	31.94	8.83	7.98	2	0.845
1168	4/16/2008 15:16	13.69	49.001	32	8.66	7.97	1.9	0.757
1169	4/16/2008 15:31	13.71	48.874	31.91	8.48	7.96	1.5	0.716

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	4/16/2008 15:46	13.75	48.852	31.89	8.29	7.95	1.2	0.684
1171	4/16/2008 16:01	13.79	48.293	31.49	8.33	7.95	2.5	0.663
1172	4/16/2008 16:16	13.85	48.62	31.73	9.35	8.03		0.702
1173	4/16/2008 16:31	13.9	48.163	31.4	9.58	8.03	4.1	0.739
1174	4/16/2008 16:46	13.92	48.746	31.82	9.67	8.04	3.9	0.785
1175	4/16/2008 17:01	14	48.716	31.8	9.68	8.04	4.1	0.838
1176	4/16/2008 17:16	13.95	48.78	31.84	9.65	8.04	4.3	0.89
1177	4/16/2008 17:31	13.91	48.875	31.91	9.53	8.04	4.5	0.969
1178	4/16/2008 17:46	13.84	48.716	31.79	9.49	8.03	4.5	1.037
1179	4/16/2008 18:01	13.83	48.634	31.73	9.46	8.03	4.8	1.115
1180	4/16/2008 18:16	13.92	48.198	31.42	9.49	8.03	5.5	1.198
1181	4/16/2008 18:31	13.91	48.365	31.54	9.46	8.03	4.9	1.276
1182	4/16/2008 18:46	13.87	48.384	31.55	9.45	8.03	4.5	1.348
1183	4/16/2008 19:01	13.54	48.758	31.82	9.43	8.01	4.2	1.437
1184	4/16/2008 19:16	13.3	48.812	31.85	9.44	8.01	4.5	1.526
1185	4/16/2008 19:31	13.11	49.526	32.36	9.52	8.01	3.6	1.616
1186	4/16/2008 19:46	12.88	49.024	31.99	9.58	8.01	4	1.696
1187	4/16/2008 20:01	12.76	48.797	31.82	9.65	8.01	4.1	1.783
1188	4/16/2008 20:16	12.65	49.096	32.03	9.64	8.01	4.5	1.876
1189	4/16/2008 20:31	12.62	48.794	31.81	9.67	8.01	4.5	1.952
1190	4/16/2008 20:46	12.47	49.384	32.23	9.74	8.02	5.1	2.035
1191	4/16/2008 21:01	12.34	49.181	32.08	9.82	8.02	5.2	2.125
1192	4/16/2008 21:16	12.12	49.205	32.08	10.06	8.04	5.8	2.2
1193	4/16/2008 21:31	11.95	49.461	32.26	10.19	8.04	6	2.273
1194	4/16/2008 21:46	11.7	49.414	32.22	10.35	8.05	5.1	2.356
1195	4/16/2008 22:01	11.36	49.402	32.19	10.55	8.06	4.4	2.423
1196	4/16/2008 22:16	11.18	50.046	32.65	10.67	8.07	3.9	2.475
1197	4/16/2008 22:31	11.15	49.672	32.37	10.71	8.08	4.3	2.535
1198	4/16/2008 22:46	11.12	49.674	32.37	10.71	8.08	3.4	2.572
1199	4/16/2008 23:01	11.76	49.468	32.26	9.96	8.06	4.3	2.582
1200	4/16/2008 23:16	11.21	50.002	32.62	10.46	8.07	3.1	2.581
1201	4/16/2008 23:31	11.15	50.286	32.82	10.52	8.07	2.8	2.558
1202	4/16/2008 23:46	11.17	50.033	32.64	10.44	8.07	3.3	2.499
1203	4/17/2008 0:01	12.05	49.661	32.41	9.34	8.03	5.4	2.44
1204	4/17/2008 0:16	11.89	49.664	32.41	9.75	8.03	4.6	2.351
1205	4/17/2008 0:31	11.96	49.673	32.42	9.66	8.02	4.3	2.267
1206	4/17/2008 0:46	11.76	49.913	32.58	9.83	8.04	4.7	2.171
1207	4/17/2008 1:01	11.99	49.394	32.22	9.66	8.02	4.8	2.068
1208	4/17/2008 1:16	12.26	49.611	32.39	9.39	8.01	4.6	1.98
1209	4/17/2008 1:31	12.43	49.404	32.24	9.2	8	5.2	1.88
1210	4/17/2008 1:46	12.43	49.26	32.14	9.19	8	5.4	1.783
1211	4/17/2008 2:01	12.51	49.313	32.18	9.19	8	6	1.67
1212	4/17/2008 2:16	12.45	48.723	31.75	9.15	8	5.4	1.562
1213	4/17/2008 2:31	12.46	49.19	32.09	9.1	8	5.4	1.459
1214	4/17/2008 2:46	12.77	48.731	31.77	8.96	8	7	1.352

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	4/17/2008 3:01	12.69	48.94	31.92	8.9	7.99	6.3	1.259
1216	4/17/2008 3:16	12.72	48.935	31.91	8.82	7.99	6.2	1.15
1217	4/17/2008 3:31	12.8	48.837	31.85	8.74	7.99	6	1.06
1218	4/17/2008 3:46	12.94	48.64	31.71	8.6	7.99	7.2	0.993
1219	4/17/2008 4:01	13.04	48.673	31.74	8.54	7.99	7.4	0.917
1220	4/17/2008 4:16	13.15	48.377	31.53	8.48	7.99	7.6	0.867
1221	4/17/2008 4:31	13.22	48.483	31.61	8.43	7.98	7.1	0.844
1222	4/17/2008 4:46	13.26	48.53	31.64	8.36	7.99	6.9	0.826
1223	4/17/2008 5:01	13.25	48.258	31.44	8.42	7.99	7.5	0.834
1224	4/17/2008 5:16	13.22	48.146	31.36	8.43	7.98	7.1	0.852
1225	4/17/2008 5:31	13.17	48.589	31.68	8.46	7.98	6.5	0.903
1226	4/17/2008 5:46	13.18	48.576	31.67	8.41	7.98	7.2	0.967
1227	4/17/2008 6:01	13.07	48.445	31.57	8.39	7.98	6.8	1.02
1228	4/17/2008 6:16	13.06	48.44	31.57	8.3	7.97	7.1	1.102
1229	4/17/2008 6:31	13.05	48.313	31.48	8.3	7.97	7	1.178
1230	4/17/2008 6:46	13.01	48.79	31.82	8.29	7.97	6.5	1.254
1231	4/17/2008 7:01	12.98	48.164	31.37	8.33	7.97	6.3	1.332
1232	4/17/2008 7:16	12.93	48.448	31.57	8.42	7.97	5.7	1.405
1233	4/17/2008 7:31	12.78	48.812	31.83	8.57	7.97	5.2	1.486
1234	4/17/2008 7:46	12.65	48.617	31.68	8.71	7.97	4.8	1.563
1235	4/17/2008 8:01	12.48	48.957	31.92	8.95	7.98	4.6	1.635
1236	4/17/2008 8:16	12.34	49.425	32.25	9.15	7.99	4	1.71
1237	4/17/2008 8:31	12.31	48.964	31.92	9.16	7.99	3.6	1.788
1238	4/17/2008 8:46	12.27	49.34	32.19	9.21	7.99	3.7	1.862
1239	4/17/2008 9:01	12.22	49.031	31.96	9.24	8	3.7	1.93
1240	4/17/2008 9:16	12.09	49.394	32.22	9.33	8	3.5	1.996
1241	4/17/2008 9:31	11.97	49.166	32.05	9.43	8	4.6	2.073
1242	4/17/2008 9:46	11.88	49.422	32.23	9.51	8.01	4	2.136
1243	4/17/2008 10:01	11.69	49.697	32.42	9.62	8.02	4.2	2.194
1244	4/17/2008 10:16	11.54	49.57	32.32	9.74	8.02	4	2.256
1245	4/17/2008 10:31	11.47	49.838	32.51	9.79	8.03	3.4	2.306
1246	4/17/2008 10:46	11.33	49.913	32.56	9.88	8.04	2.7	2.342
1247	4/17/2008 11:01	11.3	49.953	32.59	9.88	8.04	2.7	2.37
1248	4/17/2008 11:16	11.41	49.588	32.33	9.83	8.03	2.5	2.398
1249	4/17/2008 11:31	11.29	49.867	32.52	9.82	8.03	2.7	2.386
1250	4/17/2008 11:46	11.28	49.657	32.37	9.8	8.03	3.1	2.355
1251	4/17/2008 12:01	11.35	49.888	32.54	9.79	8.02	2.7	2.312
1252	4/17/2008 12:16	11.83	49.476	32.27	10.02	8.05	3.4	2.248
1253	4/17/2008 12:31	12.27	49.426	32.25	10.06	8.05	3.5	2.179
1254	4/17/2008 12:46	12.3	49.297	32.16	10.01	8.04	3.6	2.082
1255	4/17/2008 13:01	12.5	49.19	32.09	10.19	8.05	3.7	1.992
1256	4/17/2008 13:16	12.59	48.836	31.84	10.09	8.04	3.7	1.905
1257	4/17/2008 13:31	12.73	49.278	32.16	9.92	8.04	4	1.811
1258	4/17/2008 13:46	13.05	49.179	32.1	10.01	8.05	3.8	1.72
1259	4/17/2008 14:01	13.19	48.971	31.96	10.05	8.05	3.6	1.617

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1260	4/17/2008 14:16	13.17	48.723	31.78	10.02	8.05	3.7	1.518
1261	4/17/2008 14:31	13.33	49.1	32.06	9.84	8.05	4	1.425
1262	4/17/2008 14:46	13.53	48.898	31.92	9.82	8.05	4	1.323
1263	4/17/2008 15:01	13.59	49.04	32.02	9.79	8.04	4.2	1.221
1264	4/17/2008 15:16	13.73	48.655	31.75	9.96	8.04	3.9	1.117
1265	4/17/2008 15:31	13.93	48.687	31.78	9.93	8.06	4.3	1.043
1266	4/17/2008 15:46	13.88	48.671	31.76	9.55	8.02	5	0.957
1267	4/17/2008 16:01	14.07	48.695	31.79	9.39	8.05	4.3	0.892
1268	4/17/2008 16:16	14.07	48.604	31.72	9.48	8.02	4.5	0.837
1269	4/17/2008 16:31	14.1	48.794	31.86	9.37	8.02	4.3	0.8
1270	4/17/2008 16:46	14.3	48.547	31.69	9.58	8.06	4.9	0.802
1271	4/17/2008 17:01	14.28	48.665	31.77	10.14	8.08	4.2	0.787
1272	4/17/2008 17:16	14.07	48.738	31.82	9.55	8.04	4.3	0.817
1273	4/17/2008 17:31	14.09	48.467	31.62	9.71	8.05	4.6	0.869
1274	4/17/2008 17:46	14.03	48.678	31.77	9.61	8.05	4.5	0.918
1275	4/17/2008 18:01	14.02	48.684	31.78	9.44	8.04	5.1	0.991
1276	4/17/2008 18:16	13.92	48.432	31.59	9.48	8.03	4.5	1.06
1277	4/17/2008 18:31	13.96	48.551	31.68	9.42	8.03	4.9	1.142
1278	4/17/2008 18:46	13.91	48.326	31.51	9.39	8.03	4.5	1.229
1279	4/17/2008 19:01	13.84	48.522	31.65	9.41	8.02	4.5	1.298
1280	4/17/2008 19:16	13.73	48.232	31.44	9.5	8.03	4	1.38
1281	4/17/2008 19:31	13.56	48.415	31.57	9.46	8.02	4.1	1.461
1282	4/17/2008 19:46	13.38	48.708	31.77	9.56	8.02	3.8	1.546
1283	4/17/2008 20:01	13.08	48.842	31.86	9.66	8.03	3.7	1.638
1284	4/17/2008 20:16	12.9	49.094	32.04	9.77	8.03	4.1	1.721
1285	4/17/2008 20:31	12.78	48.888	31.88	9.75	8.03	3.7	1.808
1286	4/17/2008 20:46	12.71	48.873	31.87	9.73	8.03	4.3	1.894
1287	4/17/2008 21:01	12.62	49.106	32.03	9.79	8.03	4.7	1.978
1288	4/17/2008 21:16	12.46	48.968	31.93	9.88	8.04	4.9	2.061
1289	4/17/2008 21:31	12.35	48.951	31.91	9.91	8.04	5.1	2.145
1290	4/17/2008 21:46	12.14	49.295	32.15	10.02	8.04	5.5	2.241
1291	4/17/2008 22:01	11.88	50.042	32.68	10.24	8.07	7.1	2.311
1292	4/17/2008 22:16	11.59	50.048	32.67	10.36	8.06	5.9	2.387
1293	4/17/2008 22:31	11.32	50.188	32.76	10.34	8.06	4.9	2.453
1294	4/17/2008 22:46	11.06	50.383	32.89	10.38	8.07	3.8	2.524
1295	4/17/2008 23:01	10.95	50.324	32.84	10.36	8.06	3.4	2.576
1296	4/17/2008 23:16	10.92	50.566	33.01	10.33	8.06	3.7	2.597
1297	4/17/2008 23:31	11.69	49.535	32.3	9.81	8.05	4.3	2.619
1298	4/17/2008 23:46	10.99	50.345	32.85	10.22	8.06	3.1	2.633
1299	4/18/2008 0:01	10.87	50.558	33	10.27	8.05	3.1	2.595
1300	4/18/2008 0:16	11.12	50.087	32.67	10.08	8.05	4	2.533
1301	4/18/2008 0:31	11.15	50.384	32.89	10	8.05	4.5	2.476
1302	4/18/2008 0:46	11.36	49.824	32.5	9.94	8.05	4.8	2.391
1303	4/18/2008 1:01	11.27	49.846	32.51	9.96	8.05	4.6	2.291
1304	4/18/2008 1:16	11.31	49.923	32.57	9.97	8.05	4.6	2.191

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	4/18/2008 1:31	11.65	49.861	32.54	9.86	8.05	4.5	2.095
1306	4/18/2008 1:46	12.2	49.434	32.25	9.45	8.03	5.6	1.989
1307	4/18/2008 2:01	12.5	48.802	31.81	9.23	8.02	6.5	1.902
1308	4/18/2008 2:16	12.48	49.203	32.1	9.21	8.02	5.2	1.784
1309	4/18/2008 2:31	12.59	48.871	31.86	9.23	8.02	6	1.666
1310	4/18/2008 2:46	12.64	48.676	31.72	9.2	8.01	6.9	1.545
1311	4/18/2008 3:01	12.71	48.938	31.92	9.06	8.01	7.9	1.435
1312	4/18/2008 3:16	12.74	49.264	32.15	8.99	8.01	6.7	1.325
1313	4/18/2008 3:31	12.8	49.258	32.15	8.87	8	7.1	1.214
1314	4/18/2008 3:46	12.71	48.852	31.85	8.76	7.99	6.7	1.079
1315	4/18/2008 4:01	12.9	49.081	32.03	8.7	7.99	6.7	0.986
1316	4/18/2008 4:16	13.04	49.016	31.99	8.64	8	6.2	0.895
1317	4/18/2008 4:31	13.11	48.952	31.94	8.58	8	5.9	0.793
1318	4/18/2008 4:46	13.23	48.551	31.65	8.55	7.99	5.7	0.729
1319	4/18/2008 5:01	13.34	48.38	31.53	8.35	7.99	5.7	0.665
1320	4/18/2008 5:16	13.4	48.254	31.45	8.4	7.99	5.8	0.632
1321	4/18/2008 5:31	13.46	48.714	31.78	8.21	7.98	4.9	0.629
1322	4/18/2008 5:46	13.37	48.296	31.47	8.38	7.99	5.2	0.641
1323	4/18/2008 6:01	13.42	48.313	31.49	8.41	7.99	5.3	0.657
1324	4/18/2008 6:16	13.38	48.227	31.43	8.4	7.99	5.7	0.728
1325	4/18/2008 6:31	13.42	48.232	31.43	8.35	7.99	6.6	0.788
1326	4/18/2008 6:46	13.39	48.498	31.62	8.35	7.99	6.6	0.856
1327	4/18/2008 7:01	13.34	47.977	31.24	8.27	7.97	7.4	0.943
1328	4/18/2008 7:16	13.32	48.076	31.31	8.24	7.97	7.7	1.031
1329	4/18/2008 7:31	13.29	47.762	31.09	8.26	7.97	7.4	1.107
1330	4/18/2008 7:46	13.25	48.061	31.3	8.29	7.97	7	1.186
1331	4/18/2008 8:01	13.2	48.418	31.56	8.3	7.97	6.6	1.269
1332	4/18/2008 8:16	13.07	48.139	31.35	8.4	7.97	5.8	1.354
1333	4/18/2008 8:31	12.85	48.202	31.39	8.64	7.98	5.9	1.429
1334	4/18/2008 8:46	12.71	48.384	31.51	8.83	7.99	5.1	1.51
1335	4/18/2008 9:01	12.54	48.691	31.73	9.03	8	4.3	1.6
1336	4/18/2008 9:16	12.47	48.955	31.92	9.1	8	4	1.683
1337	4/18/2008 9:31	12.43	48.915	31.89	9.16	8	4	1.756
1338	4/18/2008 9:46	12.42	48.759	31.77	9.17	8.01	4	1.839
1339	4/18/2008 10:01	12.32	48.859	31.84	9.24	8.01	4.3	1.928
1340	4/18/2008 10:16	12.22	49.122	32.03	9.3	8.01	4.6	2.003
1341	4/18/2008 10:31	12.14	48.857	31.83	9.36	8.01	4.5	2.071
1342	4/18/2008 10:46	11.9	49.074	31.98	9.44	8.02	4.5	2.144
1343	4/18/2008 11:01	11.73	49.272	32.11	9.51	8.02	4.2	2.197
1344	4/18/2008 11:16	11.67	49.348	32.17	9.53	8.02	4.1	2.248
1345	4/18/2008 11:31	11.57	49.205	32.06	9.54	8.02	3.3	2.29
	Mean	12.04	48.96	31.90	8.41	7.93	3.17	1.69
	Minimum	9.77	43.46	27.94	4.84	7.69	0.10	0.03
	Maximum	14.35	51.23	33.42	10.71	8.09	17.20	3.11
	Standard Dev.	1.01	1.14	0.80	0.88	0.06	2.03	0.69

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

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

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

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	4/18/2008 11:46	11.86	49.835	32.53	9.78	7.88	4.8	2.692
1	4/18/2008 12:01	11.73	50.06	32.69	9.66	8	4	2.701
2	4/18/2008 12:16	11.6	50.174	32.76	9.61	8	3.1	2.695
3	4/18/2008 12:31	11.7	50.176	32.77	9.91	8.03	5.6	2.663
4	4/18/2008 12:46	11.76	50.174	32.77	9.96	8.02	6.2	2.621
5	4/18/2008 13:01	11.82	50.205	32.8	9.95	8.03	6	2.572
6	4/18/2008 13:16	11.83	50.22	32.81	10.04	8.02	5.9	2.49
7	4/18/2008 13:31	11.91	50.189	32.79	10.03	8.04	6.4	2.432
8	4/18/2008 13:46	11.99	50.197	32.8	10.01	8.04	6.7	2.359
9	4/18/2008 14:01	12.18	50.17	32.79	10.01	8.05	6.7	2.273
10	4/18/2008 14:16	12.46	50.044	32.71	9.85	8.05	11.7	2.187
11	4/18/2008 14:31	12.71	49.922	32.63	9.71	8.05	13.1	2.096
12	4/18/2008 14:46	12.7	49.802	32.54	9.48	8.03	16.5	2.016
13	4/18/2008 15:01	12.81	49.738	32.5	9.42	8.03	17.6	1.924
14	4/18/2008 15:16	13	49.663	32.45	9.3	8.03	17.5	1.809
15	4/18/2008 15:31	13.01	49.565	32.38	9.19	8.01	19.1	1.724
16	4/18/2008 15:46	13	49.611	32.42	9.24	8.01	19.6	1.633
17	4/18/2008 16:01	13.05	49.607	32.42	9.19	8.02	20.3	1.535
18	4/18/2008 16:16	13.09	49.524	32.36	9.1	8.01	19.4	1.446
19	4/18/2008 16:31	13.12	49.489	32.33	9.03	7.99	18	1.386
20	4/18/2008 16:46	13.18	49.482	32.33	8.99	8.01	15.2	1.324
21	4/18/2008 17:01	13.2	49.436	32.3	8.89	7.99	14	1.276
22	4/18/2008 17:16	13.23	49.433	32.3	8.88	8	12.3	1.255
23	4/18/2008 17:31	13.26	49.474	32.33	8.97	8.03	11	1.25
24	4/18/2008 17:46	13.24	49.419	32.29	8.97	7.99	10.9	1.267
25	4/18/2008 18:01	13.19	49.424	32.29	9	7.99	10.1	1.307
26	4/18/2008 18:16	13.42	49.222	32.15	8.73	7.96	12.9	1.353
27	4/18/2008 18:31	13.47	49.231	32.16	8.57	7.95	13.7	1.411
28	4/18/2008 18:46	13.43	49.228	32.15	8.6	7.95	13.7	1.489
29	4/18/2008 19:01	13.29	49.327	32.22	8.76	7.96	11.6	1.545
30	4/18/2008 19:16	13.28	49.296	32.2	8.72	7.95	9.9	1.635
31	4/18/2008 19:31	13.34	49.162	32.1	8.66	7.94	11.7	1.708
32	4/18/2008 19:46	13.33	49.143	32.09	8.7	7.95	10.1	1.792
33	4/18/2008 20:01	13.29	49.2	32.13	8.76	7.95	10.1	1.878
34	4/18/2008 20:16	13.2	49.224	32.14	8.76	7.94	12.7	1.971
35	4/18/2008 20:31	12.97	49.388	32.25	8.91	7.94	12.1	2.038
36	4/18/2008 20:46	12.63	49.594	32.39	9.13	7.95	13.1	2.112
37	4/18/2008 21:01	12.45	49.683	32.45	9.24	7.94	9.9	2.197
38	4/18/2008 21:16	12.27	49.807	32.53	9.35	7.95	10.2	2.281
39	4/18/2008 21:31	12.11	49.921	32.6	9.4	7.94	12.6	2.367
40	4/18/2008 21:46	11.88	50.07	32.7	9.46	7.93	15.1	2.449
41	4/18/2008 22:01	11.63	50.234	32.81	9.56	7.93	12.6	2.538
42	4/18/2008 22:16	11.59	50.231	32.8	9.53	7.92	12.5	2.618
43	4/18/2008 22:31	11.32	50.308	32.85	9.73	7.92	12.4	2.695
44	4/18/2008 22:46	11.08	50.482	32.96	9.84	7.91	11.1	2.769

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	4/18/2008 23:01	10.83	50.655	33.07	9.91	7.9	7.8	2.837
46	4/18/2008 23:16	10.68	50.754	33.13	9.92	7.89	6.2	2.902
47	4/18/2008 23:31	10.61	50.818	33.17	9.9	7.89	4.9	2.946
48	4/18/2008 23:46	10.57	50.843	33.19	9.87	7.88	4	2.981
49	4/19/2008 0:01	10.92	50.523	32.98	9.53	7.89	7.9	2.991
50	4/19/2008 0:16	10.74	50.631	33.05	9.61	7.88	6.8	2.983
51	4/19/2008 0:31	10.57	50.702	33.09	9.64	7.88	9.3	2.956
52	4/19/2008 0:46	10.41	50.823	33.17	9.7	7.87	12.5	2.911
53	4/19/2008 1:01	10.29	50.898	33.21	9.72	7.86	10.8	2.848
54	4/19/2008 1:16	10.28	50.91	33.22	9.72	7.87	14.5	2.754
55	4/19/2008 1:31	10.27	50.888	33.2	9.69	7.87	16	2.676
56	4/19/2008 1:46	10.22	50.912	33.22	9.65	7.86	16.8	2.583
57	4/19/2008 2:01	10.3	50.787	33.13	9.55	7.87	19	2.464
58	4/19/2008 2:16	10.78	50.446	32.91	9.33	7.88	20.6	2.365
59	4/19/2008 2:31	10.88	50.339	32.84	9.22	7.88	26.8	2.273
60	4/19/2008 2:46	10.89	50.249	32.78	9.2	7.88	22.6	2.149
61	4/19/2008 3:01	10.93	50.173	32.73	9.11	7.87	28.7	2.036
62	4/19/2008 3:16	11.12	50.067	32.66	9.02	7.88	27.8	1.923
63	4/19/2008 3:31	10.9	50.095	32.67	9.03	7.87	28.1	1.801
64	4/19/2008 3:46	11.22	49.935	32.57	8.93	7.87	37.2	1.677
65	4/19/2008 4:01	11.45	49.802	32.48	8.85	7.88	39.8	1.556
66	4/19/2008 4:16	11.34	49.772	32.46	8.83	7.87	46.3	1.431
67	4/19/2008 4:31	11.41	49.743	32.44	8.8	7.87	39.6	1.298
68	4/19/2008 4:46	11.47	49.726	32.43	8.76	7.86	35.3	1.178
69	4/19/2008 5:01	11.57	49.639	32.37	8.68	7.86	34.2	1.075
70	4/19/2008 5:16	11.65	49.609	32.35	8.61	7.86	28.1	0.994
71	4/19/2008 5:31	11.65	49.569	32.33	8.56	7.86	25.5	0.9
72	4/19/2008 5:46	11.6	49.572	32.33	8.51	7.85	21.1	0.843
73	4/19/2008 6:01	11.5	49.577	32.32	8.53	7.85	17.6	0.837
74	4/19/2008 6:16	11.54	49.559	32.31	8.55	7.85	17	0.828
75	4/19/2008 6:31	11.55	49.553	32.31	8.55	7.85	17	0.856
76	4/19/2008 6:46	11.55	49.534	32.3	8.51	7.84	17.3	0.903
77	4/19/2008 7:01	11.6	49.473	32.25	8.48	7.84	17.7	0.965
78	4/19/2008 7:16	11.55	49.532	32.29	8.51	7.84	16.5	1.023
79	4/19/2008 7:31	11.58	49.488	32.26	8.47	7.84	22	1.101
80	4/19/2008 7:46	11.61	49.493	32.27	8.46	7.84	19.3	1.179
81	4/19/2008 8:01	11.57	49.48	32.26	8.48	7.83	14.5	1.259
82	4/19/2008 8:16	11.47	49.335	32.15	8.5	7.83	17	1.339
83	4/19/2008 8:31	11.49	49.371	32.17	8.49	7.83	15.1	1.423
84	4/19/2008 8:46	11.49	49.367	32.17	8.51	7.83	15.5	1.514
85	4/19/2008 9:01	11.51	49.415	32.21	8.51	7.83	17.6	1.613
86	4/19/2008 9:16	11.5	49.513	32.28	8.58	7.84	22.6	1.7
87	4/19/2008 9:31	11.43	49.625	32.36	8.71	7.85	16.8	1.801
88	4/19/2008 9:46	11.39	49.814	32.49	8.86	7.86	16.7	1.893
89	4/19/2008 10:01	11.36	49.917	32.56	8.95	7.86	12	1.984

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	4/19/2008 10:16	11.37	49.931	32.57	8.98	7.87	9.5	2.071
91	4/19/2008 10:31	11.37	49.915	32.56	8.98	7.86	9.8	2.154
92	4/19/2008 10:46	11.29	49.947	32.58	8.95	7.86	17	2.235
93	4/19/2008 11:01	11.25	49.963	32.59	9	7.86	17.6	2.311
94	4/19/2008 11:16	11.2	50.043	32.65	9.06	7.86	16.2	2.381
95	4/19/2008 11:31	10.98	50.095	32.67	9.16	7.85	18.7	2.438
96	4/19/2008 11:46	10.77	50.243	32.77	9.25	7.84	15	2.504
97	4/19/2008 12:01	10.63	50.382	32.86	9.33	7.84	11.6	2.558
98	4/19/2008 12:16	10.46	50.492	32.93	9.39	7.83	9	2.599
99	4/19/2008 12:31	10.28	50.603	33	9.47	7.82	7.3	2.642
100	4/19/2008 12:46	10.21	50.694	33.06	9.52	7.82	6	2.666
101	4/19/2008 13:01	10.3	50.67	33.05	9.45	7.82	6.3	2.675
102	4/19/2008 13:16	10.25	50.679	33.05	9.42	7.81	5.7	2.665
103	4/19/2008 13:31	10.33	50.619	33.01	9.37	7.82	6.2	2.645
104	4/19/2008 13:46	10.61	50.485	32.93	9.42	7.84	6.5	2.59
105	4/19/2008 14:01	11.28	50.26	32.81	9.73	7.89	7.7	2.522
106	4/19/2008 14:16	11.42	50.274	32.83	9.84	7.9	7.7	2.455
107	4/19/2008 14:31	11.65	50.141	32.74	9.8	7.91	8.7	2.377
108	4/19/2008 14:46	11.73	50.194	32.78	9.88	7.91	7	2.298
109	4/19/2008 15:01	11.91	50.12	32.74	9.86	7.92	7.6	2.211
110	4/19/2008 15:16	12.06	49.99	32.65	9.8	7.92	10.5	2.118
111	4/19/2008 15:31	12.29	49.996	32.67	9.67	7.93	14.5	2.023
112	4/19/2008 15:46	12.28	49.891	32.59	9.71	7.92	10.8	1.95
113	4/19/2008 16:01	12.27	49.824	32.54	9.52	7.91	11.7	1.861
114	4/19/2008 16:16	12.41	49.67	32.44	9.41	7.9	12.1	1.773
115	4/19/2008 16:31	12.63	49.724	32.48	9.55	7.92	10.6	1.689
116	4/19/2008 16:46	12.64	49.648	32.43	9.46	7.91	10.7	1.61
117	4/19/2008 17:01	12.78	49.651	32.44	9.69	7.92	9.8	1.548
118	4/19/2008 17:16	12.71	49.635	32.42	9.44	7.91	10.1	1.501
119	4/19/2008 17:31	12.57	49.536	32.34	9.36	7.89	11.7	1.435
120	4/19/2008 17:46	12.55	49.521	32.33	9.18	7.89	9.8	1.415
121	4/19/2008 18:01	12.67	49.601	32.4	9.57	7.91	8.6	1.416
122	4/19/2008 18:16	12.67	49.577	32.38	9.42	7.91	8.8	1.397
123	4/19/2008 18:31	12.57	49.505	32.32	9.24	7.89	9.9	1.434
124	4/19/2008 18:46	12.53	49.498	32.32	9.2	7.88	9.3	1.479
125	4/19/2008 19:01	12.5	49.435	32.27	9.11	7.87	10.6	1.536
126	4/19/2008 19:16	12.47	49.453	32.28	9.12	7.87	10	1.596
127	4/19/2008 19:31	12.56	49.199	32.1	9.2	7.87	11.4	1.66
128	4/19/2008 19:46	12.53	49.304	32.17	9.16	7.87	14.5	1.74
129	4/19/2008 20:01	12.4	49.521	32.33	9.26	7.88	14.2	1.83
130	4/19/2008 20:16	12.35	49.584	32.37	9.29	7.88	12.9	1.904
131	4/19/2008 20:31	12.28	49.667	32.43	9.32	7.88	13.2	1.981
132	4/19/2008 20:46	12.03	49.795	32.51	9.37	7.88	14.3	2.079
133	4/19/2008 21:01	11.76	49.915	32.58	9.36	7.87	12.1	2.158
134	4/19/2008 21:16	11.56	50.016	32.65	9.37	7.86	12.6	2.247

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	4/19/2008 21:31	11.42	50.105	32.7	9.39	7.86	12	2.321
136	4/19/2008 21:46	11.25	50.201	32.76	9.43	7.85	15.9	2.402
137	4/19/2008 22:01	11.03	50.309	32.83	9.46	7.84	15	2.482
138	4/19/2008 22:16	10.74	50.387	32.87	9.63	7.83	16.4	2.557
139	4/19/2008 22:31	10.52	50.526	32.96	9.77	7.82	16.2	2.648
140	4/19/2008 22:46	10.29	50.698	33.07	9.86	7.81	14.4	2.732
141	4/19/2008 23:01	10.11	50.807	33.13	9.91	7.8	10.4	2.81
142	4/19/2008 23:16	9.92	51.02	33.27	9.93	7.78	10.1	2.89
143	4/19/2008 23:31	9.77	51.078	33.31	9.99	7.77	8.9	2.961
144	4/19/2008 23:46	9.7	51.138	33.34	9.96	7.76	6.5	3.009
145	4/20/2008 0:01	9.66	51.154	33.35	9.92	7.76	4.5	3.06
146	4/20/2008 0:16	9.63	51.184	33.37	9.87	7.76	4.3	3.096
147	4/20/2008 0:31	9.91	50.965	33.23	9.65	7.78	4.6	3.101
148	4/20/2008 0:46	9.75	51.102	33.32	9.75	7.77	4.6	3.078
149	4/20/2008 1:01	9.7	51.17	33.37	9.81	7.76	4.6	3.054
150	4/20/2008 1:16	9.82	50.02	32.54	9.8	7.75	6.3	3.001
151	4/20/2008 1:31	10.57	50.372	32.85	9.35	7.81	7.5	2.911
152	4/20/2008 1:46	10.41	50.535	32.96	9.45	7.81	9.4	2.829
153	4/20/2008 2:01	10.18	50.649	33.02	9.57	7.8	7.9	2.723
154	4/20/2008 2:16	10.43	50.495	32.93	9.42	7.8	5.9	2.631
155	4/20/2008 2:31	10.6	50.359	32.84	9.32	7.81	6.1	2.517
156	4/20/2008 2:46	10.68	50.3	32.8	9.21	7.82	7.4	2.409
157	4/20/2008 3:01	10.94	50.052	32.64	9.05	7.83	6.3	2.307
158	4/20/2008 3:16	10.79	50.216	32.75	9.2	7.82	7.5	2.191
159	4/20/2008 3:31	11.04	50.012	32.61	9.11	7.82	11.9	2.083
160	4/20/2008 3:46	10.57	50.251	32.76	9.16	7.81	10.1	1.952
161	4/20/2008 4:01	10.74	50.089	32.65	9.06	7.81	11.8	1.824
162	4/20/2008 4:16	10.8	50.014	32.6	8.98	7.81	12.2	1.699
163	4/20/2008 4:31	10.96	49.869	32.51	8.83	7.8	13.2	1.571
164	4/20/2008 4:46	11.04	49.784	32.45	8.76	7.81	14.3	1.44
165	4/20/2008 5:01	10.94	49.808	32.46	8.74	7.8	12.4	1.303
166	4/20/2008 5:16	11.18	49.666	32.37	8.67	7.81	12.8	1.187
167	4/20/2008 5:31	11.2	49.646	32.36	8.69	7.81	11.5	1.076
168	4/20/2008 5:46	11.21	49.614	32.34	8.66	7.81	11.4	0.962
169	4/20/2008 6:01	11.21	49.598	32.32	8.66	7.81	11	0.873
170	4/20/2008 6:16	11.19	49.52	32.27	8.63	7.81	10.9	0.811
171	4/20/2008 6:31	11.11	49.4	32.17	8.6	7.8	12	0.779
172	4/20/2008 6:46	11.09	49.493	32.24	8.63	7.8	10.7	0.79
173	4/20/2008 7:01	11.1	49.44	32.2	8.64	7.81	8.9	0.817
174	4/20/2008 7:16	11.1	49.457	32.22	8.64	7.81	8.1	0.872
175	4/20/2008 7:31	11.16	49.408	32.18	8.56	7.8	8.9	0.937
176	4/20/2008 7:46	11.16	49.416	32.19	8.57	7.8	8.2	0.994
177	4/20/2008 8:01	11.11	48.985	31.87	8.6	7.79	8.5	1.079
178	4/20/2008 8:16	11.15	49.044	31.92	8.55	7.79	8.4	1.143
179	4/20/2008 8:31	11.06	48.259	31.35	8.63	7.79	8.5	1.229

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	4/20/2008 8:46	11.2	49.095	31.96	8.52	7.79	8.2	1.307
181	4/20/2008 9:01	11.2	49.062	31.94	8.5	7.79	7.8	1.373
182	4/20/2008 9:16	11.23	49.268	32.09	8.48	7.79	7.9	1.471
183	4/20/2008 9:31	11.22	49.378	32.17	8.5	7.79	8.4	1.568
184	4/20/2008 9:46	11.16	49.359	32.15	8.63	7.8	7.4	1.65
185	4/20/2008 10:01	11.15	49.34	32.13	8.7	7.81	6.8	1.742
186	4/20/2008 10:16	11.12	49.644	32.35	8.88	7.83	6.3	1.853
187	4/20/2008 10:31	11.15	49.844	32.5	9.02	7.84	6.8	1.948
188	4/20/2008 10:46	11.11	49.972	32.59	9.07	7.84	7.5	2.037
189	4/20/2008 11:01	11.07	50.022	32.62	9.11	7.84	6.8	2.127
190	4/20/2008 11:16	11.01	50.079	32.66	9.13	7.84	7.4	2.206
191	4/20/2008 11:31	10.96	50.131	32.7	9.16	7.83	7.5	2.29
192	4/20/2008 11:46	10.87	50.187	32.73	9.19	7.82	12.6	2.356
193	4/20/2008 12:01	10.69	50.26	32.77	9.36	7.82	9.6	2.426
194	4/20/2008 12:16	10.58	50.354	32.84	9.45	7.81	9.5	2.493
195	4/20/2008 12:31	10.42	50.463	32.9	9.47	7.8	7.8	2.55
196	4/20/2008 12:46	10.27	50.62	33.01	9.5	7.78	8.4	2.607
197	4/20/2008 13:01	10.03	50.8	33.12	9.59	7.77	5.6	2.648
198	4/20/2008 13:16	10	50.82	33.14	9.57	7.77	5.1	2.675
199	4/20/2008 13:31	9.99	50.84	33.15	9.56	7.75	4.5	2.707
200	4/20/2008 13:46	10.14	50.755	33.1	9.51	7.77	4.5	2.716
201	4/20/2008 14:01	9.97	50.889	33.18	9.43	7.75	3.8	2.688
202	4/20/2008 14:16	9.96	50.9	33.19	9.45	7.75	4.6	2.66
203	4/20/2008 14:31	10.14	50.765	33.11	9.53	7.77	5	2.614
204	4/20/2008 14:46	11.03	50.37	32.87	9.8	7.84	5.4	2.543
205	4/20/2008 15:01	11.55	50.144	32.74	9.75	7.87	5.6	2.465
206	4/20/2008 15:16	11.51	50.096	32.7	9.73	7.87	6.7	2.397
207	4/20/2008 15:31	11.61	50.036	32.66	9.79	7.88	4.9	2.31
208	4/20/2008 15:46	11.81	49.983	32.63	9.84	7.89	4.7	2.227
209	4/20/2008 16:01	11.79	49.917	32.59	9.88	7.89	5.7	2.156
210	4/20/2008 16:16	12.05	49.842	32.54	9.86	7.91	6.2	2.068
211	4/20/2008 16:31	12.03	49.826	32.53	9.84	7.91	5.5	1.99
212	4/20/2008 16:46	12.17	49.795	32.52	9.85	7.91	5.6	1.925
213	4/20/2008 17:01	12.2	49.647	32.41	9.85	7.91	5.5	1.843
214	4/20/2008 17:16	12.42	49.598	32.38	9.95	7.92	5.9	1.772
215	4/20/2008 17:31	12.58	49.693	32.46	9.97	7.93	5.9	1.704
216	4/20/2008 17:46	12.53	49.569	32.37	10.01	7.93	5.8	1.666
217	4/20/2008 18:01	12.41	49.457	32.28	9.82	7.92	6	1.615
218	4/20/2008 18:16	12.48	49.468	32.29	9.83	7.92	6	1.577
219	4/20/2008 18:31	12.45	49.366	32.22	9.69	7.91	6	1.576
220	4/20/2008 18:46	12.48	49.367	32.22	9.69	7.91	5.6	1.56
221	4/20/2008 19:01	12.42	49.31	32.17	9.7	7.9	5.8	1.583
222	4/20/2008 19:16	12.37	49.395	32.23	9.73	7.9	5.4	1.613
223	4/20/2008 19:31	12.31	49.382	32.22	9.66	7.89	5.5	1.662
224	4/20/2008 19:46	12.28	49.375	32.21	9.65	7.89	5.7	1.736

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	4/20/2008 20:01	12.37	49.297	32.16	9.66	7.88	6.4	1.796
226	4/20/2008 20:16	12.33	49.357	32.2	9.65	7.88	5.6	1.88
227	4/20/2008 20:31	12.18	49.591	32.37	9.7	7.88	7.3	1.954
228	4/20/2008 20:46	12.13	49.721	32.46	9.79	7.89	7	2.028
229	4/20/2008 21:01	11.93	49.876	32.56	9.78	7.87	7.1	2.112
230	4/20/2008 21:16	11.65	49.977	32.62	9.7	7.86	7.1	2.197
231	4/20/2008 21:31	11.37	50.087	32.69	9.61	7.84	6.7	2.272
232	4/20/2008 21:46	11.21	50.181	32.75	9.6	7.83	6.7	2.345
233	4/20/2008 22:01	11.02	50.292	32.82	9.6	7.81	6.8	2.427
234	4/20/2008 22:16	10.83	50.43	32.91	9.63	7.8	8.1	2.506
235	4/20/2008 22:31	10.6	50.562	32.99	9.69	7.78	8.4	2.574
236	4/20/2008 22:46	10.36	50.676	33.06	9.69	7.76	8.7	2.654
237	4/20/2008 23:01	10.16	50.772	33.11	9.68	7.75	7.5	2.738
238	4/20/2008 23:16	9.96	50.919	33.2	9.63	7.73	6.3	2.815
239	4/20/2008 23:31	9.81	51.005	33.26	9.57	7.71	7	2.895
240	4/20/2008 23:46	9.61	51.14	33.34	9.5	7.69	6.3	2.961
241	4/21/2008 0:01	9.41	51.28	33.43	9.41	7.67	5.1	3.027
242	4/21/2008 0:16	9.35	51.313	33.45	9.35	7.66	5	3.073
243	4/21/2008 0:31	9.29	51.346	33.46	9.29	7.65	4.6	3.109
244	4/21/2008 0:46	9.24	51.42	33.51	9.24	7.65	3.7	3.142
245	4/21/2008 1:01	9.45	51.27	33.42	9.18	7.66	4	3.14
246	4/21/2008 1:16	9.29	51.361	33.48	9.13	7.64	3.5	3.124
247	4/21/2008 1:31	9.25	51.409	33.51	9.1	7.63	3.8	3.081
248	4/21/2008 1:46	10.27	50.668	33.04	9.25	7.74	4.8	3.016
249	4/21/2008 2:01	10.4	50.561	32.97	9.29	7.76	5.5	2.939
250	4/21/2008 2:16	10.21	50.697	33.06	9.28	7.74	4.2	2.854
251	4/21/2008 2:31	10.21	50.65	33.03	9.27	7.74	4.6	2.746
252	4/21/2008 2:46	10.35	50.573	32.98	9.31	7.76	6.7	2.64
253	4/21/2008 3:01	10.46	50.513	32.94	9.29	7.76	5.9	2.548
254	4/21/2008 3:16	10.55	50.454	32.91	9.25	7.76	4.6	2.426
255	4/21/2008 3:31	10.76	50.313	32.82	9.16	7.78	5.7	2.323
256	4/21/2008 3:46	10.56	50.406	32.87	9.26	7.77	4.8	2.215
257	4/21/2008 4:01	10.31	50.572	32.98	9.29	7.75	6.2	2.074
258	4/21/2008 4:16	10.92	50.126	32.69	9.21	7.79	9	1.962
259	4/21/2008 4:31	10.84	50.148	32.7	9.15	7.78	7.3	1.833
260	4/21/2008 4:46	10.9	50.025	32.62	9.08	7.78	8.5	1.708
261	4/21/2008 5:01	11.02	49.942	32.56	9.01	7.79	7.5	1.574
262	4/21/2008 5:16	11.11	49.714	32.4	8.99	7.8	8.6	1.423
263	4/21/2008 5:31	11.28	49.469	32.23	8.98	7.82	9.4	1.31
264	4/21/2008 5:46	11.35	49.429	32.21	8.96	7.82	9.4	1.169
265	4/21/2008 6:01	11.37	49.388	32.18	8.98	7.83	10.9	1.06
266	4/21/2008 6:16	11.42	49.314	32.13	8.98	7.83	10.9	0.942
267	4/21/2008 6:31	11.36	49.292	32.11	8.98	7.83	9.9	0.858
268	4/21/2008 6:46	11.39	49.208	32.05	8.96	7.84	10.4	0.794
269	4/21/2008 7:01	11.37	49.218	32.06	8.89	7.83	9.8	0.734

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	4/21/2008 7:16	11.3	49.207	32.05	8.93	7.83	10.1	0.756
271	4/21/2008 7:31	11.34	49.218	32.06	8.96	7.84	7.7	0.767
272	4/21/2008 7:46	11.32	49.227	32.06	8.94	7.83	7.8	0.824
273	4/21/2008 8:01	11.32	49.303	32.12	8.97	7.84	7	0.886
274	4/21/2008 8:16	11.32	49.289	32.11	8.96	7.84	7	0.947
275	4/21/2008 8:31	11.34	48.976	31.88	8.94	7.83	7	1.021
276	4/21/2008 8:46	11.35	48.841	31.78	8.91	7.82	6.5	1.098
277	4/21/2008 9:01	11.36	48.177	31.3	8.91	7.81	6.9	1.16
278	4/21/2008 9:16	11.39	47.74	30.99	8.92	7.81	7	1.23
279	4/21/2008 9:31	11.4	48.137	31.28	8.9	7.81	6.8	1.321
280	4/21/2008 9:46	11.41	49.099	31.97	8.78	7.81	6.3	1.39
281	4/21/2008 10:01	11.38	49.225	32.06	8.79	7.81	6	1.477
282	4/21/2008 10:16	11.34	49.1	31.97	8.86	7.81	5.8	1.579
283	4/21/2008 10:31	11.3	49.18	32.03	8.95	7.82	5.7	1.666
284	4/21/2008 10:46	11.31	49.409	32.19	9.07	7.82	5.9	1.771
285	4/21/2008 11:01	11.31	49.723	32.42	9.24	7.84	6.3	1.864
286	4/21/2008 11:16	11.27	49.924	32.56	9.26	7.83	5.4	1.957
287	4/21/2008 11:31	11.24	49.956	32.59	9.28	7.84	5.2	2.044
288	4/21/2008 11:46	11.15	50.057	32.65	9.29	7.83	5	2.132
289	4/21/2008 12:01	11.06	50.14	32.71	9.29	7.81	5.1	2.21
290	4/21/2008 12:16	10.98	50.197	32.75	9.3	7.8	5.4	2.283
291	4/21/2008 12:31	10.77	50.302	32.81	9.35	7.79	6.6	2.349
292	4/21/2008 12:46	10.66	50.38	32.86	9.46	7.78	6.7	2.417
293	4/21/2008 13:01	10.5	50.49	32.93	9.47	7.77	6.2	2.48
294	4/21/2008 13:16	10.28	50.628	33.01	9.45	7.75	5.5	2.523
295	4/21/2008 13:31	10.14	50.749	33.09	9.46	7.73	5.2	2.585
296	4/21/2008 13:46	9.98	50.853	33.16	9.48	7.72	4.5	2.628
297	4/21/2008 14:01	9.91	50.945	33.22	9.5	7.72	4.6	2.655
298	4/21/2008 14:16	9.92	50.986	33.25	9.5	7.72	3.7	2.679
299	4/21/2008 14:31	9.98	50.913	33.2	9.43	7.71	3.9	2.692
300	4/21/2008 14:46	9.95	50.956	33.23	9.35	7.71	3.4	2.691
301	4/21/2008 15:01	9.94	50.963	33.23	9.38	7.71	4.2	2.639
302	4/21/2008 15:16	10.16	50.848	33.17	9.45	7.74	3.7	2.587
303	4/21/2008 15:31	10.79	50.502	32.96	9.7	7.79	3.4	2.547
304	4/21/2008 15:46	10.69	50.464	32.92	9.62	7.8	4.2	2.458
305	4/21/2008 16:01	11.04	50.28	32.81	9.75	7.82	4.9	2.385
306	4/21/2008 16:16	11.38	50.135	32.72	9.81	7.85	4.5	2.291
307	4/21/2008 16:31	11.57	49.974	32.62	9.8	7.86	4.3	2.229
308	4/21/2008 16:46	11.65	49.934	32.59	9.89	7.88	4.5	2.155
309	4/21/2008 17:01	11.83	49.87	32.55	10.01	7.9	4.2	2.068
310	4/21/2008 17:16	11.77	49.834	32.52	10.02	7.9	4.5	2.01
311	4/21/2008 17:31	11.83	49.813	32.51	10.06	7.9	4.2	1.936
312	4/21/2008 17:46	11.84	49.766	32.48	10.17	7.91	4.5	1.887
313	4/21/2008 18:01	12.01	49.635	32.39	10.18	7.92	4.3	1.829
314	4/21/2008 18:16	12.04	49.561	32.34	10.05	7.91	4.5	1.766

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	4/21/2008 18:31	12.18	49.529	32.32	10.09	7.93	4.6	1.755
316	4/21/2008 18:46	12.18	49.528	32.32	10.08	7.93	5.2	1.735
317	4/21/2008 19:01	12.14	49.529	32.32	10.09	7.92	5	1.725
318	4/21/2008 19:16	11.98	49.559	32.34	9.98	7.91	4.4	1.72
319	4/21/2008 19:31	11.88	49.614	32.37	9.97	7.9	4.2	1.754
320	4/21/2008 19:46	11.78	49.666	32.4	9.91	7.89	4	1.783
321	4/21/2008 20:01	11.74	49.743	32.46	9.91	7.88	4.3	1.814
322	4/21/2008 20:16	11.7	49.762	32.47	9.86	7.87	4.1	1.876
323	4/21/2008 20:31	11.61	49.827	32.51	9.83	7.87	4.8	1.942
324	4/21/2008 20:46	11.53	49.903	32.56	9.83	7.86	4.8	2
325	4/21/2008 21:01	11.47	49.924	32.57	9.78	7.85	5	2.067
326	4/21/2008 21:16	11.39	49.984	32.61	9.79	7.84	4.5	2.139
327	4/21/2008 21:31	11.31	50.025	32.64	9.74	7.84	4.5	2.2
328	4/21/2008 21:46	11.12	49.69	32.39	9.7	7.81	4.2	2.272
329	4/21/2008 22:01	10.98	50.257	32.79	9.62	7.8	4.7	2.34
330	4/21/2008 22:16	10.86	49.175	32	9.62	7.78	4.2	2.416
331	4/21/2008 22:31	10.66	50.485	32.94	9.59	7.76	5	2.487
332	4/21/2008 22:46	10.47	50.609	33.01	9.59	7.76	5.4	2.553
333	4/21/2008 23:01	10.24	50.747	33.1	9.54	7.73	5.2	2.638
334	4/21/2008 23:16	10	50.886	33.18	9.46	7.71	6.5	2.703
335	4/21/2008 23:31	9.83	50.983	33.24	9.41	7.69	5.9	2.779
336	4/21/2008 23:46	9.65	51.089	33.3	9.41	7.67	6.7	2.863
337	4/22/2008 0:01	9.43	51.186	33.36	9.4	7.66	6.5	2.928
338	4/22/2008 0:16	9.21	51.281	33.41	9.33	7.64	5.1	2.986
339	4/22/2008 0:31	9.12	51.329	33.44	9.27	7.63	4.9	3.038
340	4/22/2008 0:46	9.11	51.307	33.42	9.23	7.62	3.5	3.083
341	4/22/2008 1:01	9.09	51.281	33.4	9.21	7.62	3.2	3.113
342	4/22/2008 1:16	9.29	51.125	33.3	9.13	7.64	3	3.126
343	4/22/2008 1:31	9.15	51.284	33.41	9.02	7.62	2.6	3.126
344	4/22/2008 1:46	9.08	51.335	33.44	9.04	7.61	2.6	3.109
345	4/22/2008 2:01	9.2	51.241	33.38	9.1	7.63	3.1	3.065
346	4/22/2008 2:16	9.82	50.871	33.16	9.24	7.69	3.8	3.001
347	4/22/2008 2:31	9.75	50.847	33.14	9.2	7.69	3.5	2.916
348	4/22/2008 2:46	9.84	50.84	33.14	9.24	7.69	3.3	2.842
349	4/22/2008 3:01	10.14	50.651	33.02	9.22	7.71	3.5	2.741
350	4/22/2008 3:16	10.06	50.744	33.08	9.27	7.71	4.7	2.633
351	4/22/2008 3:31	10.18	50.647	33.02	9.26	7.72	4.3	2.537
352	4/22/2008 3:46	10.37	50.467	32.9	9.24	7.73	4.2	2.419
353	4/22/2008 4:01	10.48	50.352	32.83	9.22	7.74	4.5	2.312
354	4/22/2008 4:16	10.69	50.176	32.71	9.17	7.76	4.8	2.203
355	4/22/2008 4:31	10.63	50.231	32.75	9.16	7.75	5.6	2.067
356	4/22/2008 4:46	10.6	50.164	32.7	9.12	7.76	6.9	1.936
357	4/22/2008 5:01	10.89	49.822	32.47	9.06	7.77	9.2	1.802
358	4/22/2008 5:16	10.95	49.688	32.37	9.06	7.78	9.2	1.679
359	4/22/2008 5:31	10.83	49.778	32.43	9.04	7.78	9.4	1.547

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TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	4/22/2008 5:46	11	49.678	32.37	9.06	7.8	10.6	1.418
361	4/22/2008 6:01	11.18	49.535	32.28	9.06	7.81	10.5	1.293
362	4/22/2008 6:16	11.25	49.487	32.25	9.07	7.82	11.3	1.162
363	4/22/2008 6:31	11.33	49.369	32.16	9.06	7.83	12	1.049
364	4/22/2008 6:46	11.38	49.324	32.13	9.05	7.84	11.5	0.963
365	4/22/2008 7:01	11.39	49.274	32.1	9.02	7.84	11.5	0.863
366	4/22/2008 7:16	11.39	49.223	32.06	9.02	7.84	12.4	0.787
367	4/22/2008 7:31	11.38	49.246	32.08	8.97	7.84	14.7	0.747
368	4/22/2008 7:46	11.37	49.183	32.03	8.97	7.84	12.8	0.744
369	4/22/2008 8:01	11.34	49.218	32.06	8.99	7.84	14.1	0.745
370	4/22/2008 8:16	11.32	49.223	32.06	8.99	7.84	15.3	0.77
371	4/22/2008 8:31	11.31	49.241	32.07	8.98	7.84	12.4	0.841
372	4/22/2008 8:46	11.29	49.229	32.06	8.99	7.83	10.7	0.908
373	4/22/2008 9:01	11.25	48.982	31.88	9	7.82	10.1	0.968
374	4/22/2008 9:16	11.22	48.178	31.3	8.94	7.8	12.1	1.023
375	4/22/2008 9:31	11.21	47.69	30.95	8.95	7.8	10.6	1.108
376	4/22/2008 9:46	11.21	47.816	31.04	8.92	7.79	11.7	1.186
377	4/22/2008 10:01	11.26	48.461	31.5	8.86	7.8	9.5	1.237
378	4/22/2008 10:16	11.25	48.629	31.62	8.84	7.8	7.6	1.321
379	4/22/2008 10:31	11.24	48.754	31.71	8.86	7.8	7.3	1.411
380	4/22/2008 10:46	11.16	48.864	31.79	8.86	7.79	7.4	1.503
381	4/22/2008 11:01	11.05	48.907	31.81	8.96	7.79	8.1	1.584
382	4/22/2008 11:16	11.03	49.187	32.02	9.03	7.79	7	1.674
383	4/22/2008 11:31	11.03	49.343	32.13	9.07	7.79	6.7	1.784
384	4/22/2008 11:46	11.03	49.614	32.33	9.03	7.79	6.1	1.863
385	4/22/2008 12:01	10.97	49.726	32.4	9.05	7.79	6	1.953
386	4/22/2008 12:16	10.89	49.787	32.44	9.06	7.78	6.1	2.032
387	4/22/2008 12:31	10.73	49.995	32.58	9.12	7.76	6.9	2.118
388	4/22/2008 12:46	10.66	50.083	32.64	9.14	7.75	6.5	2.2
389	4/22/2008 13:01	10.43	50.203	32.72	9.2	7.74	7.7	2.265
390	4/22/2008 13:16	10.29	50.306	32.78	9.23	7.73	7.4	2.339
391	4/22/2008 13:31	10.15	50.39	32.83	9.25	7.71	7.1	2.41
392	4/22/2008 13:46	9.99	50.488	32.89	9.26	7.7	6.7	2.47
393	4/22/2008 14:01	9.78	50.625	32.98	9.26	7.68	6.2	2.521
394	4/22/2008 14:16	9.56	50.759	33.06	9.33	7.67	5.4	2.577
395	4/22/2008 14:31	9.51	50.807	33.09	9.35	7.67	4.6	2.621
396	4/22/2008 14:46	9.47	50.82	33.1	9.38	7.67	3.9	2.644
397	4/22/2008 15:01	9.48	50.858	33.13	9.39	7.68	3.2	2.655
398	4/22/2008 15:16	9.82	50.665	33.01	9.4	7.71	3.6	2.659
399	4/22/2008 15:31	9.51	50.827	33.11	9.22	7.66	3	2.639
400	4/22/2008 15:46	10.42	50.214	32.72	9.4	7.72	4.5	2.603
401	4/22/2008 16:01	10.46	50.232	32.74	9.5	7.72	4.4	2.548
402	4/22/2008 16:16	10.41	50.183	32.7	9.51	7.72	4.8	2.497
403	4/22/2008 16:31	10.61	49.911	32.52	9.42	7.75	6.3	2.426
404	4/22/2008 16:46	10.67	50.051	32.62	9.48	7.75	5.8	2.365

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	4/22/2008 17:01	10.82	50.014	32.6	9.62	7.77	5	2.304
406	4/22/2008 17:16	10.84	50.015	32.61	9.65	7.78	4.9	2.23
407	4/22/2008 17:31	10.82	49.964	32.57	9.53	7.78	6.2	2.184
408	4/22/2008 17:46	10.91	49.909	32.53	9.51	7.79	5.6	2.131
409	4/22/2008 18:01	11	49.862	32.5	9.49	7.79	5.2	2.079
410	4/22/2008 18:16	11.12	49.779	32.45	9.47	7.8	5.9	2.036
411	4/22/2008 18:31	11.21	49.696	32.4	9.43	7.81	7	2.003
412	4/22/2008 18:46	11.26	49.683	32.39	9.47	7.82	6.5	1.943
413	4/22/2008 19:01	11.31	49.661	32.38	9.49	7.82	5.5	1.913
414	4/22/2008 19:16	11.43	49.549	32.3	9.5	7.83	5.4	1.888
415	4/22/2008 19:31	11.43	49.482	32.25	9.49	7.83	6.2	1.867
416	4/22/2008 19:46	11.26	49.5	32.26	9.51	7.81	6.7	1.862
417	4/22/2008 20:01	11.31	49.58	32.32	9.47	7.81	5.6	1.866
418	4/22/2008 20:16	11.29	49.628	32.35	9.45	7.81	5.6	1.897
419	4/22/2008 20:31	11.24	49.565	32.3	9.44	7.81	4.8	1.918
420	4/22/2008 20:46	11.16	49.63	32.34	9.43	7.8	4.7	1.956
421	4/22/2008 21:01	11.1	49.646	32.35	9.43	7.79	5.7	2.015
422	4/22/2008 21:16	10.98	49.827	32.48	9.45	7.78	5	2.069
423	4/22/2008 21:31	10.87	49.908	32.53	9.45	7.77	5.7	2.128
424	4/22/2008 21:46	10.71	50.022	32.6	9.49	7.76	5.1	2.189
425	4/22/2008 22:01	10.6	50.104	32.66	9.49	7.75	5.1	2.266
426	4/22/2008 22:16	10.58	50.121	32.67	9.44	7.75	4.8	2.33
427	4/22/2008 22:31	10.57	50.142	32.68	9.39	7.75	4.9	2.397
428	4/22/2008 22:46	10.45	50.229	32.74	9.38	7.74	4.8	2.477
429	4/22/2008 23:01	10.34	50.279	32.77	9.39	7.73	5.3	2.536
430	4/22/2008 23:16	10.11	50.434	32.86	9.44	7.71	5.6	2.621
431	4/22/2008 23:31	9.94	50.552	32.94	9.43	7.7	5.5	2.695
432	4/22/2008 23:46	9.79	50.605	32.97	9.41	7.68	4.9	2.755
433	4/23/2008 0:01	9.67	50.677	33.01	9.45	7.68	4.9	2.837
434	4/23/2008 0:16	9.56	50.734	33.04	9.51	7.68	5.1	2.897
435	4/23/2008 0:31	9.48	50.77	33.06	9.56	7.68	4.6	2.957
436	4/23/2008 0:46	9.39	50.841	33.11	9.62	7.68	4	3.013
437	4/23/2008 1:01	9.28	50.892	33.13	9.7	7.68	3.3	3.054
438	4/23/2008 1:16	9.28	50.886	33.13	9.67	7.68	3.7	3.091
439	4/23/2008 1:31	9.27	50.883	33.13	9.65	7.68	3.3	3.115
440	4/23/2008 1:46	9.48	50.753	33.05	9.43	7.67	3.5	3.123
441	4/23/2008 2:01	9.33	50.872	33.12	9.45	7.67	3.2	3.114
442	4/23/2008 2:16	9.34	50.847	33.11	9.47	7.67	2.4	3.09
443	4/23/2008 2:31	9.33	50.858	33.11	9.49	7.67	2.3	3.041
444	4/23/2008 2:46	9.71	50.626	32.97	9.26	7.67	3.6	2.977
445	4/23/2008 3:01	9.83	50.519	32.91	9.32	7.68	3.8	2.916
446	4/23/2008 3:16	10.02	50.419	32.85	9.18	7.69	4	2.837
447	4/23/2008 3:31	9.94	50.413	32.84	9.23	7.69	5.2	2.74
448	4/23/2008 3:46	9.96	50.396	32.83	9.24	7.69	5.7	2.652
449	4/23/2008 4:01	10.07	50.282	32.75	9.18	7.7	4.8	2.545

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	4/23/2008 4:16	10.23	50.176	32.68	9.09	7.71	4.4	2.449
451	4/23/2008 4:31	10.4	50.018	32.58	9.06	7.72	4.5	2.351
452	4/23/2008 4:46	10.54	49.846	32.46	9	7.73	7.3	2.227
453	4/23/2008 5:01	10.73	49.592	32.29	8.94	7.74	8.3	2.113
454	4/23/2008 5:16	10.78	49.499	32.23	8.88	7.74	7.3	2.008
455	4/23/2008 5:31	10.59	49.667	32.34	8.86	7.73	5	1.876
456	4/23/2008 5:46	10.65	49.549	32.26	8.81	7.73	6.4	1.748
457	4/23/2008 6:01	10.78	49.226	32.03	8.73	7.74	7.8	1.611
458	4/23/2008 6:16	10.78	49.14	31.97	8.71	7.74	7.8	1.488
459	4/23/2008 6:31	10.77	49.103	31.94	8.65	7.74	8.1	1.357
460	4/23/2008 6:46	10.94	48.908	31.81	8.6	7.75	8.8	1.227
461	4/23/2008 7:01	10.97	48.871	31.79	8.6	7.75	9.3	1.121
462	4/23/2008 7:16	11.02	48.749	31.7	8.57	7.76	9	1.027
463	4/23/2008 7:31	11.03	48.675	31.65	8.56	7.77	10.1	0.936
464	4/23/2008 7:46	11.03	48.609	31.6	8.55	7.77	9.1	0.856
465	4/23/2008 8:01	11.04	48.541	31.55	8.56	7.77	9.8	0.811
466	4/23/2008 8:16	11.04	48.496	31.52	8.58	7.77	8.7	0.776
467	4/23/2008 8:31	11.03	48.533	31.54	8.59	7.77	8.1	0.773
468	4/23/2008 8:46	11.06	48.581	31.58	8.61	7.78	8.3	0.808
469	4/23/2008 9:01	11.07	48.646	31.63	8.61	7.78	7.4	0.843
470	4/23/2008 9:16	11.1	48.706	31.67	8.64	7.78	6.8	0.894
471	4/23/2008 9:31	11.09	48.744	31.7	8.66	7.77	6.2	0.955
472	4/23/2008 9:46	11.08	47.405	30.73	8.76	7.76	7.6	1.019
473	4/23/2008 10:01	11.07	48.058	31.2	8.68	7.76	6.8	1.09
474	4/23/2008 10:16	11.06	48.111	31.24	8.65	7.76	6.8	1.152
475	4/23/2008 10:31	11.05	47.992	31.15	8.63	7.75	6.6	1.213
476	4/23/2008 10:46	11.03	47.997	31.16	8.63	7.75	6.2	1.299
477	4/23/2008 11:01	11.03	47.95	31.12	8.64	7.75	5.9	1.371
478	4/23/2008 11:16	11.03	47.974	31.14	8.62	7.75	6	1.445
479	4/23/2008 11:31	11	48.106	31.23	8.66	7.75	5.8	1.54
480	4/23/2008 11:46	11.01	48.196	31.3	8.74	7.75	5.4	1.629
481	4/23/2008 12:01	11.04	48.389	31.44	8.79	7.76	5.3	1.717
482	4/23/2008 12:16	11.03	48.867	31.79	8.8	7.76	4.9	1.803
483	4/23/2008 12:31	11.05	49.137	31.98	8.83	7.77	4.8	1.887
484	4/23/2008 12:46	11.06	49.384	32.16	8.95	7.78	5.5	1.975
485	4/23/2008 13:01	11.08	49.436	32.2	9.03	7.78	5	2.053
486	4/23/2008 13:16	11.03	49.426	32.19	9.06	7.77	4.8	2.125
487	4/23/2008 13:31	10.94	49.494	32.23	9.13	7.77	5.4	2.204
488	4/23/2008 13:46	10.88	49.629	32.33	9.12	7.76	4.8	2.266
489	4/23/2008 14:01	10.82	49.682	32.36	9.15	7.76	5	2.324
490	4/23/2008 14:16	10.68	49.761	32.41	9.24	7.75	5.5	2.391
491	4/23/2008 14:31	10.66	49.847	32.47	9.38	7.75	4.8	2.441
492	4/23/2008 14:46	10.63	49.926	32.53	9.44	7.75	4.3	2.488
493	4/23/2008 15:01	10.55	49.98	32.56	9.45	7.74	4.2	2.531
494	4/23/2008 15:16	10.51	50.012	32.58	9.47	7.74	3.5	2.564

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	4/23/2008 15:31	10.83	49.773	32.43	9.48	7.76	3.7	2.585
496	4/23/2008 15:46	10.57	49.966	32.55	9.29	7.74	2.7	2.582
497	4/23/2008 16:01	10.25	50.176	32.69	9.29	7.71	2.8	2.557
498	4/23/2008 16:16	10.31	50.135	32.66	9.31	7.72	3.7	2.544
499	4/23/2008 16:31	10.42	50.026	32.59	9.28	7.72	3.2	2.515
500	4/23/2008 16:46	10.65	49.88	32.5	9.35	7.74	3.2	2.457
501	4/23/2008 17:01	11.03	49.742	32.42	9.56	7.78	4.1	2.402
502	4/23/2008 17:16	11.28	49.616	32.34	9.54	7.79	3.5	2.355
503	4/23/2008 17:31	11.2	49.624	32.34	9.39	7.78	3.8	2.305
504	4/23/2008 17:46	11.5	49.457	32.24	9.47	7.8	4.6	2.246
505	4/23/2008 18:01	11.69	49.304	32.14	9.51	7.81	4.4	2.187
506	4/23/2008 18:16	11.74	49.3	32.14	9.49	7.82	4	2.134
507	4/23/2008 18:31	12.31	49.347	32.2	10.13	7.88	3.4	2.096
508	4/23/2008 18:46	12.33	49.225	32.11	10.25	7.89	3.6	2.04
509	4/23/2008 19:01	12.04	48.989	31.92	9.92	7.86	4	1.997
510	4/23/2008 19:16	12.02	48.958	31.9	9.75	7.85	3.4	1.974
511	4/23/2008 19:31	12.07	48.854	31.83	9.8	7.86	3.8	1.941
512	4/23/2008 19:46	12.06	48.847	31.82	9.71	7.86	4.3	1.917
513	4/23/2008 20:01	11.75	49.005	31.92	9.29	7.81	2.5	1.915
514	4/23/2008 20:16	12.03	49.022	31.95	9.82	7.85	3.8	1.924
515	4/23/2008 20:31	11.94	49.044	31.96	9.9	7.86	3.3	1.937
516	4/23/2008 20:46	11.88	49.014	31.94	9.78	7.85	3.5	1.96
517	4/23/2008 21:01	11.8	49.003	31.92	9.61	7.82	3.8	2
518	4/23/2008 21:16	11.78	49.103	31.99	9.53	7.82	3.7	2.04
519	4/23/2008 21:31	11.71	49.091	31.98	9.53	7.82	4.3	2.093
520	4/23/2008 21:46	11.72	49.021	31.93	9.48	7.81	4.6	2.146
521	4/23/2008 22:01	11.62	49.174	32.04	9.42	7.8	3.9	2.199
522	4/23/2008 22:16	11.5	49.312	32.13	9.4	7.79	4.3	2.262
523	4/23/2008 22:31	11.31	49.502	32.26	9.4	7.78	4	2.322
524	4/23/2008 22:46	11.24	49.534	32.28	9.42	7.78	3.4	2.38
525	4/23/2008 23:01	10.98	49.743	32.42	9.42	7.76	3.9	2.436
526	4/23/2008 23:16	10.75	49.925	32.53	9.46	7.74	4.2	2.499
527	4/23/2008 23:31	10.63	49.951	32.55	9.46	7.74	3.9	2.564
528	4/23/2008 23:46	10.51	49.972	32.55	9.45	7.73	3.7	2.629
529	4/24/2008 0:01	10.36	50.147	32.67	9.48	7.72	4	2.694
530	4/24/2008 0:16	10.21	50.239	32.73	9.52	7.71	4.2	2.76
531	4/24/2008 0:31	10.14	50.258	32.74	9.54	7.71	3.7	2.831
532	4/24/2008 0:46	10.01	50.277	32.74	9.59	7.7	4.2	2.892
533	4/24/2008 1:01	9.95	50.255	32.72	9.62	7.7	3.5	2.95
534	4/24/2008 1:16	9.86	50.306	32.75	9.64	7.7	4.2	3.005
535	4/24/2008 1:31	9.72	50.346	32.77	9.69	7.7	3.8	3.049
536	4/24/2008 1:46	9.66	50.394	32.8	9.69	7.69	3.5	3.083
537	4/24/2008 2:01	9.67	50.341	32.76	9.63	7.69	3.5	3.093
538	4/24/2008 2:16	9.75	50.354	32.78	9.54	7.69	3.2	3.104
539	4/24/2008 2:31	9.68	50.4	32.81	9.49	7.68	2.4	3.093

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	4/24/2008 2:46	9.72	50.369	32.79	9.5	7.68	2.8	3.063
541	4/24/2008 3:01	9.95	50.199	32.68	9.38	7.7	2.9	3.017
542	4/24/2008 3:16	10.49	49.853	32.47	9.04	7.72	3.4	2.956
543	4/24/2008 3:31	10.56	49.796	32.43	9.08	7.72	3.7	2.884
544	4/24/2008 3:46	10.44	49.938	32.53	9.03	7.7	3.2	2.812
545	4/24/2008 4:01	10.39	49.893	32.49	9.17	7.71	4	2.735
546	4/24/2008 4:16	10.33	49.859	32.46	9.25	7.71	4	2.649
547	4/24/2008 4:31	10.47	49.786	32.42	9.15	7.72	4	2.55
548	4/24/2008 4:46	10.65	49.661	32.34	9	7.72	3.7	2.469
549	4/24/2008 5:01	10.75	49.486	32.22	8.94	7.73	4.2	2.366
550	4/24/2008 5:16	10.73	49.432	32.18	8.9	7.72	4.5	2.268
551	4/24/2008 5:31	10.79	49.261	32.06	8.9	7.73	4.2	2.167
552	4/24/2008 5:46	10.74	49.278	32.07	8.92	7.73	5	2.057
553	4/24/2008 6:01	10.97	48.959	31.85	8.89	7.74	5.9	1.946
554	4/24/2008 6:16	10.62	49.168	31.98	8.86	7.73	5.7	1.831
555	4/24/2008 6:31	10.79	48.853	31.76	8.84	7.74	7.2	1.709
556	4/24/2008 6:46	10.88	48.684	31.64	8.77	7.75	7.3	1.581
557	4/24/2008 7:01	10.97	48.535	31.54	8.8	7.76	7.7	1.475
558	4/24/2008 7:16	11.06	48.362	31.42	8.8	7.77	7.3	1.355
559	4/24/2008 7:31	11.12	48.33	31.4	8.84	7.78	7.4	1.236
560	4/24/2008 7:46	11.11	48.332	31.4	8.86	7.78	8	1.135
561	4/24/2008 8:01	11.17	48.264	31.36	8.84	7.79	7.6	1.054
562	4/24/2008 8:16	11.17	48.231	31.33	8.86	7.8	7.3	0.974
563	4/24/2008 8:31	11.2	48.207	31.32	8.84	7.8	6.8	0.918
564	4/24/2008 8:46	11.23	48.183	31.3	8.91	7.81	6.5	0.89
565	4/24/2008 9:01	11.2	48.331	31.41	8.85	7.79	6.2	0.886
566	4/24/2008 9:16	11.21	48.444	31.49	8.75	7.79	6	0.903
567	4/24/2008 9:31	11.23	48.412	31.47	8.82	7.79	5.7	0.932
568	4/24/2008 9:46	11.24	48.449	31.49	8.79	7.79	5.4	0.963
569	4/24/2008 10:01	11.25	48.443	31.49	8.83	7.8	5.4	1.027
570	4/24/2008 10:16	11.37	48.065	31.22	8.89	7.8	5.2	1.081
571	4/24/2008 10:31	11.31	48.146	31.28	8.88	7.8	5.1	1.12
572	4/24/2008 10:46	11.29	48.028	31.19	8.88	7.79	5	1.182
573	4/24/2008 11:01	11.28	48.086	31.23	8.88	7.79	5.2	1.234
574	4/24/2008 11:16	11.27	48.085	31.23	8.86	7.79	4.9	1.306
575	4/24/2008 11:31	11.25	47.999	31.17	8.86	7.79	5.2	1.366
576	4/24/2008 11:46	11.24	48.01	31.18	8.84	7.78	4.9	1.437
577	4/24/2008 12:01	11.26	47.946	31.13	8.8	7.78	4.6	1.511
578	4/24/2008 12:16	11.23	48.024	31.19	8.84	7.78	4.9	1.592
579	4/24/2008 12:31	11.15	48.317	31.39	8.87	7.77	4.7	1.669
580	4/24/2008 12:46	11.24	48.134	31.27	8.99	7.78	4.3	1.744
581	4/24/2008 13:01	11.19	48.54	31.56	8.98	7.77	4.1	1.842
582	4/24/2008 13:16	11.18	48.771	31.72	8.94	7.77	3.8	1.911
583	4/24/2008 13:31	11.36	48.576	31.59	9.03	7.79	3.7	1.99
584	4/24/2008 13:46	11.41	48.746	31.72	9.06	7.78	3.8	2.064

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	4/24/2008 14:01	11.46	48.816	31.77	9.17	7.79	3.4	2.13
586	4/24/2008 14:16	11.27	49.121	31.98	9.13	7.78	3.1	2.2
587	4/24/2008 14:31	11.03	49.347	32.13	9.07	7.76	3.7	2.257
588	4/24/2008 14:46	11.04	49.364	32.15	9.13	7.76	3.4	2.307
589	4/24/2008 15:01	10.97	49.431	32.19	9.16	7.76	3.4	2.36
590	4/24/2008 15:16	10.94	49.431	32.19	9.18	7.75	3	2.406
591	4/24/2008 15:31	10.89	49.484	32.22	9.32	7.76	3.3	2.433
592	4/24/2008 15:46	10.89	49.47	32.21	9.39	7.76	2.7	2.461
593	4/24/2008 16:01	10.81	49.497	32.23	9.51	7.76	2.9	2.487
594	4/24/2008 16:16	10.95	49.436	32.19	9.52	7.76	2.7	2.495
595	4/24/2008 16:31	10.92	49.48	32.22	9.32	7.75	2.4	2.497
596	4/24/2008 16:46	10.85	49.5	32.23	9.37	7.75	2.2	2.49
597	4/24/2008 17:01	10.92	49.445	32.2	9.28	7.75	2.2	2.47
598	4/24/2008 17:16	11.01	49.436	32.2	9.34	7.76	2.6	2.441
599	4/24/2008 17:31	11.59	49.199	32.06	9.49	7.8	2.7	2.412
600	4/24/2008 17:46	11.66	49.149	32.02	9.54	7.8	2.7	2.366
601	4/24/2008 18:01	12	49.109	32.01	9.78	7.85	3.1	2.325
602	4/24/2008 18:16	12.32	49.1	32.02	9.95	7.87	3.2	2.282
603	4/24/2008 18:31	12.18	49.096	32.01	10.07	7.88	3.6	2.227
604	4/24/2008 18:46	12.11	49.03	31.96	10.18	7.87	3.8	2.178
605	4/24/2008 19:01	12.19	48.747	31.76	10.24	7.87	5.7	2.126
606	4/24/2008 19:16	12.32	48.743	31.76	10.13	7.9	4.3	2.084
607	4/24/2008 19:31	12.38	48.659	31.7	10.13	7.9	4.6	2.059
608	4/24/2008 19:46	12.35	48.57	31.63	9.97	7.89	4.8	2.021
609	4/24/2008 20:01	12.33	48.552	31.62	10.02	7.9	5.5	1.998
610	4/24/2008 20:16	12.39	48.578	31.64	10.02	7.91	4.2	1.989
611	4/24/2008 20:31	12.39	48.681	31.72	9.99	7.91	4.4	1.988
612	4/24/2008 20:46	12.22	48.688	31.71	9.68	7.86	3.1	1.987
613	4/24/2008 21:01	12.02	48.692	31.71	9.54	7.84	3.4	2.001
614	4/24/2008 21:16	12.16	48.182	31.35	9.69	7.85	4.5	2.029
615	4/24/2008 21:31	12.13	48.508	31.58	9.69	7.84	4.1	2.059
616	4/24/2008 21:46	12.06	48.69	31.71	9.64	7.83	3.8	2.09
617	4/24/2008 22:01	12.02	48.83	31.81	9.58	7.83	3.7	2.121
618	4/24/2008 22:16	12.06	48.468	31.55	9.5	7.82	4.2	2.176
619	4/24/2008 22:31	12.18	48.252	31.4	9.45	7.82	4.2	2.224
620	4/24/2008 22:46	12.09	48.344	31.46	9.42	7.81	3.8	2.271
621	4/24/2008 23:01	11.83	48.794	31.77	9.33	7.8	3.7	2.322
622	4/24/2008 23:16	11.74	48.877	31.83	9.38	7.79	3.3	2.374
623	4/24/2008 23:31	11.26	49.34	32.14	9.46	7.77	3.4	2.429
624	4/24/2008 23:46	11.17	49.266	32.08	9.56	7.76	3.5	2.484
625	4/25/2008 0:01	11.21	49.182	32.02	9.56	7.77	3.3	2.531
626	4/25/2008 0:16	10.96	49.428	32.19	9.63	7.76	3.1	2.593
627	4/25/2008 0:31	10.76	49.686	32.36	9.69	7.75	3.1	2.645
628	4/25/2008 0:46	10.71	49.649	32.33	9.71	7.75	2.7	2.706
629	4/25/2008 1:01	10.58	49.772	32.41	9.77	7.75	3.3	2.757

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
630	4/25/2008 1:16	10.48	49.895	32.5	9.79	7.74	2.7	2.803
631	4/25/2008 1:31	10.41	50.012	32.58	9.86	7.74	2.7	2.862
632	4/25/2008 1:46	10.42	49.97	32.55	9.88	7.75	2.9	2.9
633	4/25/2008 2:01	10.34	49.997	32.56	9.98	7.76	3.5	2.932
634	4/25/2008 2:16	10.3	50.031	32.58	10.03	7.76	3.1	2.967
635	4/25/2008 2:31	10.27	50.059	32.6	10.04	7.76	2.9	2.992
636	4/25/2008 2:46	10.44	49.922	32.51	9.77	7.74	3.4	3.003
637	4/25/2008 3:01	10.31	50.023	32.58	9.84	7.75	2.7	2.993
638	4/25/2008 3:16	10.25	50.046	32.59	9.89	7.76	2.1	2.979
639	4/25/2008 3:31	10.62	49.551	32.26	9.48	7.75	2.8	2.952
640	4/25/2008 3:46	10.65	49.572	32.27	9.28	7.74	3	2.906
641	4/25/2008 4:01	10.74	49.465	32.2	9.32	7.74	3.4	2.836
642	4/25/2008 4:16	10.69	49.564	32.27	9.44	7.74	3	2.776
643	4/25/2008 4:31	10.81	49.268	32.06	9.36	7.75	4.1	2.702
644	4/25/2008 4:46	10.83	49.306	32.09	9.31	7.75	3.7	2.622
645	4/25/2008 5:01	10.87	49.281	32.08	9.24	7.74	3.4	2.529
646	4/25/2008 5:16	11.03	49.15	31.99	9	7.74	3.7	2.443
647	4/25/2008 5:31	11.07	49.064	31.93	8.98	7.74	3.5	2.365
648	4/25/2008 5:46	11.09	49.017	31.9	8.95	7.74	3.8	2.258
649	4/25/2008 6:01	11.04	49.03	31.9	8.97	7.74	4.5	2.165
650	4/25/2008 6:16	11.19	48.854	31.78	9.03	7.76	4.3	2.069
651	4/25/2008 6:31	11.1	48.883	31.8	8.95	7.75	4.1	1.956
652	4/25/2008 6:46	11.16	48.88	31.8	8.96	7.76	4.2	1.853
653	4/25/2008 7:01	11.23	48.782	31.73	8.97	7.76	4.6	1.748
654	4/25/2008 7:16	11.29	48.705	31.68	8.96	7.77	4.7	1.637
655	4/25/2008 7:31	11.47	48.482	31.53	8.85	7.78	5.7	1.529
656	4/25/2008 7:46	11.67	48.21	31.34	8.78	7.81	6.7	1.417
657	4/25/2008 8:01	11.81	48.142	31.3	8.78	7.82	7	1.323
658	4/25/2008 8:16	11.86	48.092	31.27	8.79	7.83	6.4	1.228
659	4/25/2008 8:31	11.92	48.058	31.25	8.77	7.83	6.7	1.143
660	4/25/2008 8:46	12	47.997	31.2	8.75	7.84	6.7	1.062
661	4/25/2008 9:01	12.06	47.911	31.14	8.71	7.84	7.3	1.027
662	4/25/2008 9:16	12.1	47.932	31.16	8.72	7.85	6.9	0.991
663	4/25/2008 9:31	12.15	47.911	31.15	8.78	7.85	6.8	0.956
664	4/25/2008 9:46	12.11	47.983	31.2	8.79	7.85	6.1	0.97
665	4/25/2008 10:01	11.97	48.02	31.22	8.66	7.83	5.9	0.987
666	4/25/2008 10:16	11.93	48.07	31.25	8.69	7.83	5.7	1.007
667	4/25/2008 10:31	11.95	48.093	31.27	8.71	7.84	5.5	1.044
668	4/25/2008 10:46	11.97	48.087	31.27	8.77	7.84	5.3	1.076
669	4/25/2008 11:01	12.15	47.873	31.12	8.9	7.85	5	1.137
670	4/25/2008 11:16	12.02	47.94	31.16	8.8	7.83	5.1	1.186
671	4/25/2008 11:31	11.96	47.847	31.09	8.8	7.83	5.2	1.229
672	4/25/2008 11:46	11.95	47.679	30.97	8.88	7.83	5.2	1.275
673	4/25/2008 12:01	11.92	47.77	31.04	8.85	7.83	5.2	1.346
674	4/25/2008 12:16	11.92	47.769	31.04	8.87	7.83	5.2	1.419

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	4/25/2008 12:31	11.92	47.749	31.02	8.83	7.82	5	1.466
676	4/25/2008 12:46	11.87	47.725	31	8.85	7.82	4.8	1.539
677	4/25/2008 13:01	11.72	48.005	31.2	8.8	7.8	4.8	1.621
678	4/25/2008 13:16	11.59	48.197	31.33	8.93	7.79	4.3	1.692
679	4/25/2008 13:31	11.63	48.099	31.26	9.08	7.8	4.3	1.767
680	4/25/2008 13:46	11.68	48.109	31.27	9.08	7.8	3.8	1.835
681	4/25/2008 14:01	11.73	48.198	31.34	9.15	7.8	3.8	1.913
682	4/25/2008 14:16	11.64	48.499	31.55	9.12	7.79	3.5	1.977
683	4/25/2008 14:31	11.63	48.617	31.64	9.11	7.79	2.9	2.033
684	4/25/2008 14:46	11.63	48.738	31.72	9.22	7.8	3.2	2.103
685	4/25/2008 15:01	11.67	48.809	31.78	9.29	7.79	2.9	2.173
686	4/25/2008 15:16	11.68	48.848	31.81	9.32	7.79	2.7	2.218
687	4/25/2008 15:31	11.67	48.902	31.84	9.33	7.8	2.7	2.268
688	4/25/2008 15:46	11.66	48.924	31.86	9.37	7.79	2.6	2.309
689	4/25/2008 16:01	11.36	49.128	31.99	9.37	7.79	2.4	2.346
690	4/25/2008 16:16	11.2	49.188	32.03	9.38	7.77	2.6	2.377
691	4/25/2008 16:31	11.23	49.203	32.04	9.41	7.78	2.4	2.393
692	4/25/2008 16:46	11.21	49.234	32.06	9.45	7.78	2.4	2.428
693	4/25/2008 17:01	11.34	49.208	32.05	9.5	7.79	2.6	2.436
694	4/25/2008 17:16	11.4	49.129	31.99	9.3	7.78	2	2.448
695	4/25/2008 17:31	11.41	49.156	32.01	9.42	7.78	1.9	2.437
696	4/25/2008 17:46	11.19	49.231	32.06	9.34	7.77	1.6	2.434
697	4/25/2008 18:01	11.33	49.186	32.03	9.34	7.77	1.7	2.414
698	4/25/2008 18:16	11.65	48.974	31.89	9.39	7.8	1.9	2.384
699	4/25/2008 18:31	11.58	49	31.91	9.34	7.79	1.9	2.355
700	4/25/2008 18:46	11.67	48.893	31.84	9.43	7.8	2.4	2.309
701	4/25/2008 19:01	12.02	48.77	31.76	9.59	7.82	2.3	2.278
702	4/25/2008 19:16	12.19	48.696	31.72	9.68	7.83	2.1	2.244
703	4/25/2008 19:31	12.18	48.705	31.72	9.69	7.83	2.3	2.191
704	4/25/2008 19:46	12.18	48.698	31.72	9.61	7.83	2.1	2.162
705	4/25/2008 20:01	12.55	48.514	31.6	9.68	7.86	2.1	2.13
706	4/25/2008 20:16	12.45	48.55	31.62	9.73	7.85	2.2	2.104
707	4/25/2008 20:31	12.7	48.442	31.56	9.76	7.87	2.6	2.075
708	4/25/2008 20:46	12.77	48.34	31.49	9.86	7.88	2.7	2.046
709	4/25/2008 21:01	12.81	48.387	31.52	9.92	7.89	2.7	2.056
710	4/25/2008 21:16	13.18	48.422	31.56	10.08	7.91	3.2	2.042
711	4/25/2008 21:31	13.27	48.416	31.56	10.22	7.93	2.9	2.042
712	4/25/2008 21:46	13.1	48.355	31.51	10.09	7.91	3.1	2.064
713	4/25/2008 22:01	12.3	48.623	31.67	9.64	7.83	2.4	2.088
714	4/25/2008 22:16	12.68	48.201	31.38	9.82	7.86	3.1	2.121
715	4/25/2008 22:31	12.43	48.509	31.59	9.68	7.84	2.7	2.141
716	4/25/2008 22:46	12.43	48.496	31.58	9.59	7.84	2.9	2.191
717	4/25/2008 23:01	12.46	48.394	31.51	9.63	7.83	3.7	2.235
718	4/25/2008 23:16	12.53	48.078	31.29	9.44	7.84	3.6	2.271
719	4/25/2008 23:31	12.21	48.579	31.63	9.47	7.81	3.2	2.31

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	4/25/2008 23:46	12	48.722	31.73	9.56	7.81	2.6	2.355
721	4/26/2008 0:01	11.75	48.964	31.89	9.75	7.81	3.1	2.405
722	4/26/2008 0:16	11.4	49.26	32.09	9.94	7.81	3.4	2.438
723	4/26/2008 0:31	11.41	49.244	32.08	10.02	7.81	3	2.491
724	4/26/2008 0:46	11.34	49.346	32.15	10.06	7.82	2.5	2.542
725	4/26/2008 1:01	11.27	49.289	32.1	10.04	7.81	2.3	2.578
726	4/26/2008 1:16	11.17	49.383	32.17	10.13	7.81	2.4	2.635
727	4/26/2008 1:31	11.09	49.463	32.22	10.17	7.81	2.4	2.679
728	4/26/2008 1:46	11.03	49.456	32.21	10.22	7.82	2	2.717
729	4/26/2008 2:01	10.92	49.583	32.3	10.32	7.82	2	2.766
730	4/26/2008 2:16	10.79	49.747	32.41	10.46	7.83	2	2.798
731	4/26/2008 2:31	10.72	49.833	32.47	10.53	7.83	2.1	2.835
732	4/26/2008 2:46	10.69	49.84	32.47	10.51	7.83	2.2	2.868
733	4/26/2008 3:01	10.66	49.947	32.55	10.58	7.83	2.3	2.888
734	4/26/2008 3:16	10.66	49.928	32.53	10.52	7.83	1.6	2.909
735	4/26/2008 3:31	10.72	49.893	32.51	10.43	7.82	2	2.919
736	4/26/2008 3:46	10.66	49.971	32.56	10.47	7.82	1.2	2.905
737	4/26/2008 4:01	10.66	49.924	32.53	10.45	7.83	1.5	2.898
738	4/26/2008 4:16	10.95	49.574	32.29	9.77	7.82	2	2.862
739	4/26/2008 4:31	10.99	49.377	32.15	9.93	7.8	2.1	2.824
740	4/26/2008 4:46	11.21	49.161	32.01	9.51	7.78	2.7	2.764
741	4/26/2008 5:01	11.24	49.198	32.04	9.56	7.79	2.2	2.708
742	4/26/2008 5:16	11.2	49.167	32.01	9.67	7.79	3.1	2.643
743	4/26/2008 5:31	11.35	49.061	31.94	9.5	7.79	2.8	2.561
744	4/26/2008 5:46	11.47	48.974	31.89	9.19	7.77	2.6	2.488
745	4/26/2008 6:01	11.54	48.884	31.82	9.06	7.75	2.9	2.403
746	4/26/2008 6:16	11.56	48.789	31.76	9.04	7.75	2.9	2.319
747	4/26/2008 6:31	11.52	48.816	31.77	8.96	7.76	2.7	2.238
748	4/26/2008 6:46	11.72	48.569	31.6	9.01	7.77	3.5	2.137
749	4/26/2008 7:01	11.7	48.615	31.64	8.96	7.77	3.5	2.048
750	4/26/2008 7:16	11.95	48.366	31.47	8.93	7.78	3.8	1.95
751	4/26/2008 7:31	11.9	48.423	31.51	8.91	7.78	4.2	1.847
752	4/26/2008 7:46	12.06	48.336	31.45	8.93	7.8	4.3	1.754
753	4/26/2008 8:01	12.15	48.275	31.41	8.99	7.82	5.2	1.649
754	4/26/2008 8:16	12.32	48.192	31.36	9.03	7.83	6.3	1.546
755	4/26/2008 8:31	12.47	48.113	31.31	9.03	7.84	6.5	1.456
756	4/26/2008 8:46	12.6	48.069	31.28	9.02	7.85	6.2	1.367
757	4/26/2008 9:01	12.68	48.081	31.29	9.02	7.85	6.3	1.284
758	4/26/2008 9:16	12.75	48.045	31.27	8.97	7.86	5.7	1.202
759	4/26/2008 9:31	12.82	48.042	31.27	8.98	7.86	5.9	1.145
760	4/26/2008 9:46	12.86	48.009	31.25	8.98	7.87	5.4	1.102
761	4/26/2008 10:01	12.94	47.972	31.22	8.97	7.87	5.1	1.065
762	4/26/2008 10:16	13.01	47.99	31.24	9	7.88	4.9	1.039
763	4/26/2008 10:31	12.71	48.067	31.29	8.91	7.86	4.6	1.05
764	4/26/2008 10:46	12.62	48.079	31.29	8.87	7.84	4.8	1.059

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	4/26/2008 11:01	12.63	48.097	31.3	8.73	7.85	5.3	1.062
766	4/26/2008 11:16	12.66	48.078	31.29	8.85	7.85	4.6	1.098
767	4/26/2008 11:31	12.78	48.082	31.3	8.98	7.85	4.3	1.134
768	4/26/2008 11:46	12.81	48.028	31.26	9.07	7.87	4.3	1.164
769	4/26/2008 12:01	12.83	47.984	31.23	9.04	7.86	4.1	1.205
770	4/26/2008 12:16	12.8	47.819	31.11	9	7.85	4.2	1.256
771	4/26/2008 12:31	12.78	47.779	31.08	8.99	7.85	4.3	1.289
772	4/26/2008 12:46	12.77	47.812	31.1	9.01	7.85	4.4	1.347
773	4/26/2008 13:01	12.69	47.868	31.14	8.99	7.85	4.4	1.405
774	4/26/2008 13:16	12.64	47.809	31.1	8.97	7.84	4.3	1.457
775	4/26/2008 13:31	12.56	47.897	31.16	8.88	7.83	4.2	1.517
776	4/26/2008 13:46	12.58	47.714	31.02	8.89	7.82	3.8	1.593
777	4/26/2008 14:01	12.38	47.902	31.15	9	7.81	4	1.663
778	4/26/2008 14:16	12.23	48.082	31.28	9.23	7.82	3.7	1.73
779	4/26/2008 14:31	12.33	47.996	31.22	9.36	7.84	3.7	1.809
780	4/26/2008 14:46	12.34	48.018	31.23	9.48	7.84	3.4	1.884
781	4/26/2008 15:01	12.4	48.152	31.33	9.49	7.84	3.4	1.943
782	4/26/2008 15:16	12.44	48.281	31.43	9.51	7.83	2.9	2.008
783	4/26/2008 15:31	12.41	48.464	31.56	9.58	7.84	2.5	2.073
784	4/26/2008 15:46	12.45	48.541	31.62	9.64	7.84	2.4	2.124
785	4/26/2008 16:01	11.87	48.84	31.81	9.53	7.82	2.4	2.168
786	4/26/2008 16:16	12.33	48.677	31.71	9.73	7.84	2.3	2.211
787	4/26/2008 16:31	12.25	48.762	31.77	9.8	7.84	2.3	2.265
788	4/26/2008 16:46	12.4	48.763	31.78	9.95	7.85	2.3	2.3
789	4/26/2008 17:01	12.31	48.813	31.81	9.93	7.85	2.1	2.34
790	4/26/2008 17:16	12.2	48.888	31.86	9.97	7.85	1.8	2.364
791	4/26/2008 17:31	11.82	48.987	31.91	9.81	7.83	1.6	2.399
792	4/26/2008 17:46	11.85	48.993	31.92	9.92	7.83	4.2	2.423
793	4/26/2008 18:01	12.06	48.887	31.85	9.92	7.84	2	2.424
794	4/26/2008 18:16	11.78	49.019	31.93	9.55	7.81	1.3	2.432
795	4/26/2008 18:31	11.75	48.996	31.92	9.54	7.8	1.6	2.432
796	4/26/2008 18:46	11.72	48.845	31.81	9.65	7.8	1.3	2.413
797	4/26/2008 19:01	11.84	48.969	31.9	9.57	7.8	1.3	2.39
798	4/26/2008 19:16	12.19	48.818	31.81	9.72	7.84	1.5	2.361
799	4/26/2008 19:31	12.31	48.805	31.8	9.92	7.85	2	2.34
800	4/26/2008 19:46	12.31	48.403	31.51	9.96	7.84	2	2.299
801	4/26/2008 20:01	12.27	48.786	31.79	9.79	7.83	1.8	2.263
802	4/26/2008 20:16	12.75	48.579	31.66	9.82	7.87	2	2.237
803	4/26/2008 20:31	12.59	48.593	31.66	9.8	7.85	2.1	2.201
804	4/26/2008 20:46	12.67	48.589	31.66	9.75	7.85	2	2.174
805	4/26/2008 21:01	12.54	48.415	31.53	9.61	7.83	1.8	2.142
806	4/26/2008 21:16	12.98	48.344	31.5	9.58	7.86	1.5	2.132
807	4/26/2008 21:31	13.03	48.46	31.58	9.74	7.88	1.9	2.118
808	4/26/2008 21:46	12.9	48.502	31.61	9.62	7.86	2	2.097
809	4/26/2008 22:01	13.04	48.426	31.56	9.82	7.88	2	2.11

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	4/26/2008 22:16	13.2	48.403	31.55	10.02	7.91	2.3	2.115
811	4/26/2008 22:31	13.52	48.261	31.45	10.07	7.93	2.3	2.118
812	4/26/2008 22:46	13.13	48.598	31.69	9.85	7.89	2.8	2.127
813	4/26/2008 23:01	13.11	48.504	31.62	9.97	7.89	2.7	2.149
814	4/26/2008 23:16	13.2	48.367	31.52	9.94	7.89	2.9	2.171
815	4/26/2008 23:31	12.65	48.634	31.69	9.65	7.84	2.2	2.182
816	4/26/2008 23:46	12.91	48.515	31.62	9.8	7.87	2.2	2.218
817	4/27/2008 0:01	12.99	48.298	31.46	9.87	7.88	2.8	2.254
818	4/27/2008 0:16	12.45	48.657	31.7	9.56	7.82	2.1	2.284
819	4/27/2008 0:31	12.44	48.44	31.54	9.59	7.82	2	2.312
820	4/27/2008 0:46	12.28	48.681	31.71	9.82	7.83	2	2.355
821	4/27/2008 1:01	12.12	48.907	31.87	9.97	7.83	1.9	2.39
822	4/27/2008 1:16	11.97	49.035	31.95	10.16	7.85	1.8	2.417
823	4/27/2008 1:31	12.05	49.02	31.95	10.19	7.85	1.8	2.463
824	4/27/2008 1:46	12.11	48.791	31.78	10.26	7.85	2.1	2.494
825	4/27/2008 2:01	11.93	49.129	32.02	10.41	7.86	2	2.53
826	4/27/2008 2:16	11.9	48.93	31.87	10.56	7.87	2	2.574
827	4/27/2008 2:31	11.83	49.21	32.07	10.64	7.88	2	2.608
828	4/27/2008 2:46	11.66	49.252	32.1	10.65	7.88	2	2.652
829	4/27/2008 3:01	11.59	49.238	32.08	10.67	7.88	2	2.683
830	4/27/2008 3:16	11.49	49.393	32.19	10.77	7.89	1.8	2.724
831	4/27/2008 3:31	11.51	49.39	32.19	10.8	7.89	1.8	2.748
832	4/27/2008 3:46	11.24	49.74	32.43	11.17	7.91	1.5	2.774
833	4/27/2008 4:01	11.28	49.676	32.38	11.09	7.91	1.2	2.786
834	4/27/2008 4:16	11.24	49.776	32.46	11.03	7.9	1.4	2.797
835	4/27/2008 4:31	11.19	49.836	32.5	11.07	7.9	1.1	2.789
836	4/27/2008 4:46	11.2	49.827	32.49	11.07	7.9	0.9	2.776
837	4/27/2008 5:01	11.29	49.725	32.42	10.92	7.89	1	2.755
838	4/27/2008 5:16	12.02	48.792	31.78	9.94	7.84	2.7	2.713
839	4/27/2008 5:31	11.87	49.128	32.02	9.96	7.84	2	2.677
840	4/27/2008 5:46	12.02	48.934	31.88	9.85	7.81	2.4	2.608
841	4/27/2008 6:01	12.02	48.924	31.88	9.54	7.82	2.7	2.549
842	4/27/2008 6:16	12.1	48.851	31.83	9.71	7.83	2.7	2.485
843	4/27/2008 6:31	12.22	48.429	31.53	9.48	7.82	2.5	2.417
844	4/27/2008 6:46	12.21	48.682	31.71	9.33	7.82	2.4	2.332
845	4/27/2008 7:01	12.19	48.685	31.71	9.29	7.81	2.6	2.26
846	4/27/2008 7:16	12.16	48.659	31.69	9.25	7.8	2.5	2.191
847	4/27/2008 7:31	12.34	48.514	31.59	9.2	7.8	3.1	2.111
848	4/27/2008 7:46	12.48	48.387	31.51	9.17	7.8	3.2	2.011
849	4/27/2008 8:01	12.59	48.321	31.46	9.04	7.81	3.4	1.933
850	4/27/2008 8:16	12.67	48.279	31.44	8.98	7.82	3.4	1.852
851	4/27/2008 8:31	12.92	48.157	31.36	8.88	7.81	4.1	1.76
852	4/27/2008 8:46	12.97	48.203	31.39	8.93	7.83	4.9	1.655
853	4/27/2008 9:01	13.12	48.16	31.37	8.9	7.83	5.2	1.567
854	4/27/2008 9:16	13.28	48.114	31.34	8.88	7.83	5.7	1.488

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Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	4/27/2008 9:31	13.49	48.039	31.29	8.8	7.84	6.1	1.399
856	4/27/2008 9:46	13.59	48.028	31.29	8.81	7.86	6.2	1.326
857	4/27/2008 10:01	13.66	48.031	31.29	8.82	7.86	6	1.263
858	4/27/2008 10:16	13.7	47.967	31.25	8.79	7.87	6.6	1.205
859	4/27/2008 10:31	13.78	48.017	31.29	8.8	7.87	6.2	1.165
860	4/27/2008 10:46	13.77	47.996	31.27	8.78	7.86	5.2	1.131
861	4/27/2008 11:01	13.87	47.983	31.26	8.85	7.87	5.1	1.102
862	4/27/2008 11:16	13.57	48.049	31.3	8.67	7.86	6.2	1.106
863	4/27/2008 11:31	13.55	48.078	31.32	8.79	7.85	4.8	1.1
864	4/27/2008 11:46	13.49	48.084	31.33	8.77	7.85	5.1	1.121
865	4/27/2008 12:01	13.73	48.034	31.3	8.96	7.86	4.2	1.121
866	4/27/2008 12:16	13.9	48.039	31.31	9.01	7.88	4.3	1.139
867	4/27/2008 12:31	13.77	48.047	31.31	8.93	7.87	5.5	1.19
868	4/27/2008 12:46	13.93	47.878	31.19	9.03	7.87	5.1	1.205
869	4/27/2008 13:01	13.78	47.975	31.26	9	7.86	5.4	1.239
870	4/27/2008 13:16	13.52	48.036	31.29	8.86	7.85	5	1.287
871	4/27/2008 13:31	13.62	47.857	31.16	8.87	7.85	4.6	1.347
872	4/27/2008 13:46	13.6	47.616	30.99	8.96	7.85	4.6	1.39
873	4/27/2008 14:01	13.61	47.852	31.16	9.03	7.86	5.8	1.435
874	4/27/2008 14:16	13.51	47.858	31.16	8.97	7.85	4.3	1.518
875	4/27/2008 14:31	13.41	47.857	31.16	8.8	7.83	5.1	1.578
876	4/27/2008 14:46	13.24	47.879	31.17	8.86	7.83	4.2	1.634
877	4/27/2008 15:01	13.04	47.959	31.22	9.02	7.82	3.9	1.702
878	4/27/2008 15:16	13	48.07	31.3	9.22	7.83	3.1	1.772
879	4/27/2008 15:31	12.84	48.216	31.4	9.48	7.84	2.9	1.841
880	4/27/2008 15:46	12.76	48.299	31.45	9.59	7.84	3	1.889
881	4/27/2008 16:01	12.85	48.223	31.4	9.61	7.85	2.6	1.958
882	4/27/2008 16:16	12.7	48.397	31.52	9.58	7.84	2.4	2.015
883	4/27/2008 16:31	12.7	48.454	31.56	9.64	7.84	2	2.07
884	4/27/2008 16:46	12.53	48.651	31.7	9.64	7.84	2	2.128
885	4/27/2008 17:01	12.37	48.785	31.79	9.68	7.84	2.1	2.174
886	4/27/2008 17:16	12.29	48.839	31.83	9.71	7.83	1.8	2.236
887	4/27/2008 17:31	12.35	48.829	31.82	9.87	7.85	1.7	2.283
888	4/27/2008 17:46	12.22	48.883	31.86	10.03	7.85	1.8	2.317
889	4/27/2008 18:01	12.18	48.969	31.92	10.21	7.86	1.8	2.37
890	4/27/2008 18:16	12.09	49.001	31.94	10.15	7.85	2	2.392
891	4/27/2008 18:31	12.12	49.02	31.95	10.29	7.88	1.9	2.421
892	4/27/2008 18:46	12.08	49.052	31.97	10.33	7.87	1.8	2.439
893	4/27/2008 19:01	12.13	49.051	31.97	10.2	7.88	1.5	2.466
894	4/27/2008 19:16	12.16	48.98	31.92	9.96	7.86	1.3	2.467
895	4/27/2008 19:31	12.09	49.042	31.97	10.27	7.88	1	2.463
896	4/27/2008 19:46	12.08	48.875	31.84	10.38	7.88	2	2.456
897	4/27/2008 20:01	12.13	49.02	31.95	10.03	7.85	1.2	2.436
898	4/27/2008 20:16	12.39	48.828	31.82	10.01	7.87	1.4	2.413
899	4/27/2008 20:31	12.39	48.851	31.84	9.81	7.86	2	2.372

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Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
900	4/27/2008 20:46	12.62	48.68	31.73	10.08	7.88	2	2.343
901	4/27/2008 21:01	12.64	48.687	31.73	10.2	7.89	2.1	2.315
902	4/27/2008 21:16	12.7	48.66	31.71	10.2	7.89	2.3	2.265
903	4/27/2008 21:31	12.73	48.636	31.7	10.16	7.88	2.3	2.223
904	4/27/2008 21:46	12.78	48.618	31.69	10.02	7.87	2.2	2.201
905	4/27/2008 22:01	12.96	48.255	31.43	9.94	7.88	2.2	2.167
906	4/27/2008 22:16	13.06	48.428	31.56	9.79	7.88	2.1	2.141
907	4/27/2008 22:31	13.31	48.315	31.49	9.7	7.89	2.3	2.108
908	4/27/2008 22:46	13.24	48.339	31.5	9.67	7.89	2.3	2.097
909	4/27/2008 23:01	13.31	48.178	31.39	9.5	7.88	2.4	2.09
910	4/27/2008 23:16	13.34	48.115	31.34	9.66	7.88	2.4	2.073
911	4/27/2008 23:31	13.49	47.937	31.22	9.67	7.89	2.4	2.06
912	4/27/2008 23:46	13.5	47.941	31.22	9.79	7.9	2.8	2.08
913	4/28/2008 0:01	13.33	47.908	31.19	9.82	7.89	2.7	2.093
914	4/28/2008 0:16	12.98	48.417	31.55	9.69	7.87	2.8	2.081
915	4/28/2008 0:31	12.95	48.531	31.63	9.77	7.87	3.7	2.111
916	4/28/2008 0:46	13.19	48.319	31.49	9.84	7.89	2.9	2.142
917	4/28/2008 1:01	12.79	48.604	31.68	9.75	7.86	2.8	2.156
918	4/28/2008 1:16	12.85	48.557	31.64	9.78	7.87	2.3	2.179
919	4/28/2008 1:31	13	48.365	31.51	9.74	7.86	3.1	2.203
920	4/28/2008 1:46	12.8	48.271	31.44	9.71	7.85	2.4	2.243
921	4/28/2008 2:01	12.69	48.479	31.58	9.75	7.85	2.5	2.266
922	4/28/2008 2:16	12.55	48.72	31.75	10.01	7.86	2.3	2.289
923	4/28/2008 2:31	12.42	48.853	31.84	10.26	7.88	2.4	2.329
924	4/28/2008 2:46	12.38	48.851	31.84	10.44	7.89	2.6	2.37
925	4/28/2008 3:01	12.32	48.923	31.89	10.48	7.9	2.2	2.406
926	4/28/2008 3:16	12.24	48.987	31.93	10.62	7.91	2.1	2.44
927	4/28/2008 3:31	12.33	48.935	31.9	10.65	7.91	2.1	2.489
928	4/28/2008 3:46	12.15	49.089	32	10.91	7.93	2.2	2.524
929	4/28/2008 4:01	12.12	48.873	31.84	11.07	7.93	2.2	2.557
930	4/28/2008 4:16	12.1	49.106	32.01	10.99	7.93	3.1	2.604
931	4/28/2008 4:31	11.93	49.309	32.15	11.32	7.93	2.2	2.627
932	4/28/2008 4:46	11.81	49.418	32.22	11.49	7.97	2	2.647
933	4/28/2008 5:01	11.75	49.286	32.13	11.61	7.96	1.7	2.681
934	4/28/2008 5:16	11.79	49.151	32.03	11.54	7.95	1.6	2.675
935	4/28/2008 5:31	11.67	49.568	32.33	11.73	7.97	1.5	2.673
936	4/28/2008 5:46	11.66	49.64	32.38	11.77	7.97	1.4	2.653
937	4/28/2008 6:01	11.87	49.372	32.19	11.34	7.95	1.6	2.632
938	4/28/2008 6:16	12.02	49.174	32.06	10.94	7.92	1.8	2.607
939	4/28/2008 6:31	12.23	48.583	31.64	10.19	7.89	1.8	2.563
940	4/28/2008 6:46	12.18	48.977	31.92	10.42	7.91	1.6	2.506
941	4/28/2008 7:01	12.37	48.737	31.76	9.97	7.86	2.8	2.456
942	4/28/2008 7:16	12.43	48.684	31.72	9.68	7.86	2.5	2.405
943	4/28/2008 7:31	12.44	48.752	31.77	9.75	7.85	2.4	2.339
944	4/28/2008 7:46	12.55	48.609	31.67	9.48	7.84	2.4	2.272

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Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
945	4/28/2008 8:01	12.61	48.561	31.64	9.34	7.84	2.3	2.211
946	4/28/2008 8:16	12.67	48.523	31.61	9.32	7.84	2.7	2.146
947	4/28/2008 8:31	12.71	48.528	31.62	9.42	7.84	2.7	2.064
948	4/28/2008 8:46	12.93	48.352	31.5	9.35	7.84	2.9	1.973
949	4/28/2008 9:01	12.99	48.378	31.52	9.44	7.85	3.1	1.893
950	4/28/2008 9:16	13.27	48.105	31.33	9.14	7.84	3.5	1.823
951	4/28/2008 9:31	13.49	48.095	31.33	8.97	7.84	4.8	1.724
952	4/28/2008 9:46	13.65	48.139	31.37	9.01	7.85	6.3	1.632
953	4/28/2008 10:01	13.82	48.135	31.37	9.04	7.86	6.5	1.563
954	4/28/2008 10:16	14.09	48.091	31.35	8.95	7.87	7.9	1.489
955	4/28/2008 10:31	14.23	48.108	31.37	8.95	7.88	7.7	1.405
956	4/28/2008 10:46	14.34	47.782	31.13	8.88	7.88	8.2	1.342
957	4/28/2008 11:01	14.32	47.997	31.29	8.79	7.88	7	1.283
958	4/28/2008 11:16	14.43	48.035	31.32	8.93	7.9	6.5	1.233
959	4/28/2008 11:31	14.41	47.702	31.08	8.93	7.89	5.7	1.188
960	4/28/2008 11:46	14.39	47.992	31.29	8.75	7.89	5.3	1.158
961	4/28/2008 12:01	14.53	47.853	31.19	9.01	7.89	5.1	1.138
962	4/28/2008 12:16	14.41	48.019	31.3	8.82	7.89	10.7	1.12
963	4/28/2008 12:31	14	48.005	31.28	8.66	7.86	8.5	1.127
964	4/28/2008 12:46	13.96	48.069	31.33	8.71	7.86	8.7	1.13
965	4/28/2008 13:01	14.13	47.762	31.11	8.98	7.89	5.6	1.164
966	4/28/2008 13:16	14.45	48.025	31.31	9.04	7.9	5.7	1.18
967	4/28/2008 13:31	14.26	47.825	31.16	8.88	7.88	7.4	1.211
968	4/28/2008 13:46	14.05	48.06	31.33	8.78	7.86	9.4	1.257
969	4/28/2008 14:01	14.35	47.149	30.67	9.05	7.88	6.4	1.287
970	4/28/2008 14:16	14.42	47.886	31.21	8.84	7.89	8.6	1.338
971	4/28/2008 14:31	14.3	47.062	30.61	8.91	7.87	7.9	1.391
972	4/28/2008 14:46	14.27	47.752	31.11	8.81	7.87	8.4	1.444
973	4/28/2008 15:01	13.98	47.533	30.94	8.76	7.85	7.4	1.508
974	4/28/2008 15:16	13.74	46.806	30.41	8.71	7.83	7.4	1.557
975	4/28/2008 15:31	13.65	47.708	31.06	8.73	7.83	7	1.624
976	4/28/2008 15:46	13.59	46.96	30.52	9.16	7.85	5.9	1.699
977	4/28/2008 16:01	13.58	47.894	31.19	9.29	7.87	7.5	1.76
978	4/28/2008 16:16	13.41	48.084	31.32	9.44	7.87	4.9	1.828
979	4/28/2008 16:31	13.39	48.015	31.27	9.63	7.89	3.8	1.927
980	4/28/2008 16:46	13.33	48.084	31.32	9.84	7.9	3.2	1.971
981	4/28/2008 17:01	13.4	48.064	31.31	10.16	7.91	3.8	2.026
982	4/28/2008 17:16	13.32	48.007	31.26	10.19	7.91	2.8	2.094
983	4/28/2008 17:31	12.92	48.582	31.67	10.15	7.9	2.1	2.152
984	4/28/2008 17:46	12.52	48.836	31.83	10.26	7.9	2.1	2.204
985	4/28/2008 18:01	12.42	48.713	31.74	10.49	7.9	2.1	2.261
986	4/28/2008 18:16	12.41	48.637	31.69	10.76	7.92	2.1	2.312
987	4/28/2008 18:31	12.4	48.81	31.81	10.99	7.95	2	2.359
988	4/28/2008 18:46	12.35	48.766	31.78	11.16	7.96	2.3	2.404
989	4/28/2008 19:01	12.27	49.081	32	11.38	7.97	2.3	2.43

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TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
990	4/28/2008 19:16	12.28	48.425	31.53	11.48	7.97	1.9	2.476
991	4/28/2008 19:31	12.29	48.836	31.82	11.61	8	2.1	2.505
992	4/28/2008 19:46	12.27	48.897	31.87	11.66	8	1.5	2.523
993	4/28/2008 20:01	12.26	49.094	32.01	11.72	8	1.2	2.533
994	4/28/2008 20:16	12.34	49.007	31.95	11.32	7.97	2.1	2.548
995	4/28/2008 20:31	12.31	49.07	32	11.27	7.98	1.2	2.534
996	4/28/2008 20:46	12.26	49.001	31.94	11.71	8.01	1.3	2.537
997	4/28/2008 21:01	12.27	49.07	31.99	11.57	8	1.4	2.505
998	4/28/2008 21:16	12.56	48.969	31.93	11.27	7.97	1.7	2.477
999	4/28/2008 21:31	12.76	48.735	31.77	10.59	7.94	2.1	2.438
1000	4/28/2008 21:46	12.62	48.657	31.71	10.7	7.95	2.1	2.401
1001	4/28/2008 22:01	12.78	48.55	31.64	10.58	7.95	2.4	2.349
1002	4/28/2008 22:16	12.95	48.323	31.48	9.81	7.91	2.9	2.305
1003	4/28/2008 22:31	12.71	48.491	31.59	9.7	7.9	2.4	2.246
1004	4/28/2008 22:46	12.74	48.546	31.63	9.7	7.9	2.6	2.201
1005	4/28/2008 23:01	13.02	48.606	31.69	9.79	7.91	2.6	2.164
1006	4/28/2008 23:16	13.11	48.243	31.43	9.81	7.91	2.9	2.115
1007	4/28/2008 23:31	13.22	48.338	31.5	9.77	7.91	2.5	2.09
1008	4/28/2008 23:46	13.31	47.875	31.17	9.75	7.9	2.7	2.064
1009	4/29/2008 0:01	13.28	47.874	31.17	9.71	7.89	2.7	2.043
1010	4/29/2008 0:16	13.29	47.889	31.18	9.66	7.9	2.9	2.012
1011	4/29/2008 0:31	13.08	48.205	31.4	9.67	7.9	2	2.018
1012	4/29/2008 0:46	13.17	47.908	31.19	9.63	7.89	2.2	2.008
1013	4/29/2008 1:01	13.25	48.132	31.35	9.5	7.9	2.4	2.016
1014	4/29/2008 1:16	13.25	47.801	31.11	9.5	7.9	2.4	2.003
1015	4/29/2008 1:31	13.24	47.921	31.2	9.57	7.9	2.6	2.037
1016	4/29/2008 1:46	13.02	48.317	31.48	9.78	7.91	3.2	2.032
1017	4/29/2008 2:01	12.96	48.505	31.61	9.77	7.9	3.1	2.052
1018	4/29/2008 2:16	13.09	48.358	31.51	9.65	7.88	3.2	2.071
1019	4/29/2008 2:31	13.05	48.385	31.53	9.68	7.89	3.2	2.113
1020	4/29/2008 2:46	13.01	48.123	31.34	9.76	7.89	3.1	2.141
1021	4/29/2008 3:01	12.96	48.339	31.49	9.8	7.9	3.2	2.151
1022	4/29/2008 3:16	12.86	48.309	31.47	9.99	7.91	3	2.206
1023	4/29/2008 3:31	12.73	48.593	31.67	10.2	7.91	2.9	2.25
1024	4/29/2008 3:46	12.78	48.382	31.52	10.18	7.93	3	2.279
1025	4/29/2008 4:01	12.67	48.354	31.49	10.31	7.92	2.6	2.314
1026	4/29/2008 4:16	12.69	48.626	31.69	10.33	7.93	2.7	2.345
1027	4/29/2008 4:31	12.59	48.291	31.44	10.46	7.94	2.6	2.401
1028	4/29/2008 4:46	12.48	48.508	31.59	10.64	7.95	2.5	2.433
1029	4/29/2008 5:01	12.22	48.262	31.41	10.96	7.96	2.1	2.457
1030	4/29/2008 5:16	12.12	48.822	31.81	11.07	7.96	2.1	2.502
1031	4/29/2008 5:31	12.08	48.953	31.9	11.15	7.97	2.6	2.534
1032	4/29/2008 5:46	12.03	49.245	32.11	11.15	7.96	2.1	2.549
1033	4/29/2008 6:01	12.01	48.147	31.31	11.26	7.97	1.9	2.583
1034	4/29/2008 6:16	12	49.041	31.96	11.15	7.98	1.6	2.607

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1035	4/29/2008 6:31	11.95	49.243	32.1	11.11	7.98	1.3	2.612
1036	4/29/2008 6:46	11.92	49.366	32.19	11.21	7.98	1.5	2.608
1037	4/29/2008 7:01	11.86	49.463	32.26	11.29	7.98	1	2.618
1038	4/29/2008 7:16	11.91	49.37	32.19	11.23	7.99	0.9	2.59
1039	4/29/2008 7:31	11.97	49.031	31.95	11.11	7.97	1.2	2.563
1040	4/29/2008 7:46	12.05	48.863	31.83	11.01	7.98	1.3	2.533
1041	4/29/2008 8:01	12.24	49.091	32.01	10.64	7.95	1.8	2.491
1042	4/29/2008 8:16	12.32	48.83	31.82	9.98	7.92	2	2.447
1043	4/29/2008 8:31	12.34	48.785	31.79	9.71	7.9	2.4	2.371
1044	4/29/2008 8:46	12.23	48.465	31.55	9.14	7.85	2.1	2.321
1045	4/29/2008 9:01	12.34	48.74	31.76	9.62	7.88	1.9	2.266
1046	4/29/2008 9:16	12.38	48.759	31.77	9.88	7.9	2.4	2.186
1047	4/29/2008 9:31	12.44	48.425	31.53	9.97	7.91	2.1	2.115
1048	4/29/2008 9:46	12.62	48.619	31.68	9.78	7.9	2.4	2.05
1049	4/29/2008 10:01	12.76	48.525	31.62	9.77	7.89	3.1	1.966
1050	4/29/2008 10:16	12.82	48.219	31.4	9.79	7.92	2.9	1.889
1051	4/29/2008 10:31	13.09	48.305	31.47	9.47	7.89	3.3	1.81
1052	4/29/2008 10:46	13.32	48.161	31.38	9.27	7.89	4.8	1.739
1053	4/29/2008 11:01	13.61	48.156	31.38	9.07	7.89	6.8	1.655
1054	4/29/2008 11:16	13.91	47.767	31.11	8.84	7.9	9	1.571
1055	4/29/2008 11:31	14.06	48.067	31.33	8.91	7.91	9.3	1.48
1056	4/29/2008 11:46	14.23	46.935	30.52	8.99	7.91	9.8	1.415
1057	4/29/2008 12:01	14.29	47.982	31.27	9.04	7.94	10.4	1.348
1058	4/29/2008 12:16	14.15	47.6	30.99	8.62	7.89	7.3	1.285
1059	4/29/2008 12:31	14.24	47.72	31.08	8.6	7.89	6.7	1.264
1060	4/29/2008 12:46	14.4	47.602	31	8.66	7.9	7.2	1.205
1061	4/29/2008 13:01	14.38	47.772	31.13	8.76	7.9	6.6	1.18
1062	4/29/2008 13:16	14.2	47.606	31	8.67	7.9	5.5	1.179
1063	4/29/2008 13:31	14.18	47.478	30.91	8.67	7.89	6.4	1.192
1064	4/29/2008 13:46	13.98	47.673	31.04	8.63	7.88	7.7	1.177
1065	4/29/2008 14:01	14.18	47.807	31.15	8.92	7.91	5.7	1.198
1066	4/29/2008 14:16	14.29	47.579	30.98	9.01	7.92	6.9	1.239
1067	4/29/2008 14:31	14.22	47.867	31.19	8.98	7.91	6.9	1.265
1068	4/29/2008 14:46	14.05	47.94	31.24	8.87	7.9	6	1.311
1069	4/29/2008 15:01	14.44	47.701	31.07	8.97	7.91	6.9	1.371
1070	4/29/2008 15:16	14.18	47.529	30.94	8.9	7.9	6.1	1.418
1071	4/29/2008 15:31	14.17	47.335	30.8	8.94	7.9	5.3	1.471
1072	4/29/2008 15:46	14.1	47.57	30.97	8.95	7.89	6.1	1.532
1073	4/29/2008 16:01	13.98	47.466	30.89	9.02	7.88	5.4	1.601
1074	4/29/2008 16:16	13.93	47.632	31.01	9.07	7.89	5.2	1.678
1075	4/29/2008 16:31	13.86	47.795	31.13	9.34	7.9	4.9	1.776
1076	4/29/2008 16:46	13.71	47.734	31.08	9.35	7.9	4	1.815
1077	4/29/2008 17:01	13.36	47.894	31.18	9.3	7.88	3.7	1.877
1078	4/29/2008 17:16	13.01	48.157	31.36	9.67	7.9	2.9	1.944
1079	4/29/2008 17:31	12.91	48.006	31.25	10.01	7.91	3.2	2.018

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Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1080	4/29/2008 17:46	12.86	48.596	31.67	10.1	7.93	2.8	2.086
1081	4/29/2008 18:01	12.83	48.267	31.43	10.23	7.93	2.5	2.158
1082	4/29/2008 18:16	12.84	48.73	31.77	10.32	7.94	2.9	2.222
1083	4/29/2008 18:31	12.76	48.251	31.42	10.42	7.95	2.2	2.293
1084	4/29/2008 18:46	12.7	47.884	31.15	10.51	7.94	2.4	2.344
1085	4/29/2008 19:01	12.62	48.444	31.55	10.63	7.96	2.3	2.405
1086	4/29/2008 19:16	12.53	48.912	31.89	10.79	7.97	2.3	2.451
1087	4/29/2008 19:31	12.39	48.928	31.9	11.11	7.99	2.1	2.502
1088	4/29/2008 19:46	12.33	48.859	31.84	11.25	8	2.1	2.553
1089	4/29/2008 20:01	12.29	49.023	31.96	11.31	8.01	2.1	2.583
1090	4/29/2008 20:16	12.29	48.745	31.76	11.46	8.02	2.4	2.627
1091	4/29/2008 20:31	12.27	48.928	31.89	11.49	8.02	1.9	2.657
1092	4/29/2008 20:46	12.26	48.809	31.8	11.47	8.03	1.6	2.688
1093	4/29/2008 21:01	12.33	48.863	31.85	11.24	8	2.3	2.692
1094	4/29/2008 21:16	12.27	49.027	31.96	11.27	8.02	2.5	2.677
1095	4/29/2008 21:31	12.28	48.459	31.55	11	7.99	2	2.664
1096	4/29/2008 21:46	12.24	48.732	31.75	10.61	7.98	2.9	2.625
1097	4/29/2008 22:01	12.22	49.01	31.95	10.61	7.99	3.9	2.577
1098	4/29/2008 22:16	12.24	48.498	31.58	10.37	7.97	4.8	2.527
1099	4/29/2008 22:31	12.25	48.545	31.61	10.29	7.96	4.9	2.468
1100	4/29/2008 22:46	12.2	48.96	31.91	10.35	7.97	5.4	2.409
1101	4/29/2008 23:01	12.42	48.535	31.61	10.33	7.95	4.6	2.339
1102	4/29/2008 23:16	12.43	48.806	31.81	10.18	7.95	4.7	2.287
1103	4/29/2008 23:31	12.38	48.604	31.66	9.95	7.93	4.6	2.227
1104	4/29/2008 23:46	12.26	48.134	31.31	9.91	7.93	4.6	2.162
1105	4/30/2008 0:01	12.48	48.661	31.71	9.65	7.92	4.3	2.113
1106	4/30/2008 0:16	12.62	47.351	30.76	9.47	7.89	4.5	2.064
1107	4/30/2008 0:31	12.69	48.191	31.37	9.27	7.89	5.1	2.01
1108	4/30/2008 0:46	12.92	47.837	31.13	8.98	7.88	5.5	1.962
1109	4/30/2008 1:01	12.99	47.74	31.06	8.91	7.87	5.9	1.912
1110	4/30/2008 1:16	12.98	47.504	30.89	8.88	7.87	5.4	1.863
1111	4/30/2008 1:31	13.06	47.823	31.12	8.76	7.87	5.6	1.832
1112	4/30/2008 1:46	13.15	47.606	30.97	8.7	7.87	5.6	1.799
1113	4/30/2008 2:01	13.32	47.62	30.98	8.67	7.86	5.9	1.794
1114	4/30/2008 2:16	13.15	47.548	30.93	8.59	7.85	4.6	1.765
1115	4/30/2008 2:31	13.03	47.53	30.91	8.65	7.86	5	1.771
1116	4/30/2008 2:46	12.92	47.696	31.02	8.73	7.85	6.5	1.786
1117	4/30/2008 3:01	12.91	47.716	31.04	8.79	7.86	4.8	1.794
1118	4/30/2008 3:16	12.98	47.51	30.89	8.8	7.86	4.8	1.841
1119	4/30/2008 3:31	12.91	47.834	31.12	8.81	7.85	5.5	1.874
1120	4/30/2008 3:46	12.88	48.116	31.33	8.87	7.86	10.3	1.915
1121	4/30/2008 4:01	12.79	47.653	30.99	8.86	7.86	5.6	1.962
1122	4/30/2008 4:16	12.81	47.865	31.14	8.93	7.87	4.2	2.009
1123	4/30/2008 4:31	12.81	47.761	31.07	8.97	7.86	4	2.063
1124	4/30/2008 4:46	12.79	47.83	31.12	9.1	7.87	3.9	2.098

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Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1125	4/30/2008 5:01	12.76	48.163	31.36	9.26	7.89	4.2	2.15
1126	4/30/2008 5:16	12.65	48.29	31.44	9.56	7.9	3.4	2.199
1127	4/30/2008 5:31	12.55	48.25	31.41	9.6	7.91	3.5	2.256
1128	4/30/2008 5:46	12.47	48.416	31.53	9.91	7.92	3.1	2.287
1129	4/30/2008 6:01	12.39	48.623	31.67	10.18	7.94	2.6	2.335
1130	4/30/2008 6:16	12.29	48.84	31.83	10.33	7.96	2.7	2.387
1131	4/30/2008 6:31	12.23	47.927	31.16	10.49	7.95	2.4	2.42
1132	4/30/2008 6:46	12.16	48.799	31.79	10.48	7.96	2.1	2.455
1133	4/30/2008 7:01	12.11	48.732	31.74	10.48	7.96	2	2.492
1134	4/30/2008 7:16	12.07	49.126	32.03	10.46	7.97	1.8	2.533
1135	4/30/2008 7:31	12.05	49.172	32.06	10.5	7.97	1.9	2.554
1136	4/30/2008 7:46	12.04	48.895	31.86	10.5	7.98	1.8	2.572
1137	4/30/2008 8:01	12.02	48.964	31.91	10.43	7.97	2	2.582
1138	4/30/2008 8:16	12.08	48.749	31.75	10.27	7.95	1.8	2.585
1139	4/30/2008 8:31	12.05	48.717	31.73	10.32	7.95	1.6	2.576
1140	4/30/2008 8:46	12.21	48.737	31.75	10.2	7.95	2.7	2.553
1141	4/30/2008 9:01	12.26	48.471	31.56	9.88	7.94	2.3	2.532
1142	4/30/2008 9:16	12.45	48.179	31.36	9.84	7.95	2.6	2.489
1143	4/30/2008 9:31	12.49	48.214	31.38	10.11	7.95	2.4	2.421
1144	4/30/2008 9:46	12.67	48.541	31.63	9.71	7.93	2.6	2.371
1145	4/30/2008 10:01	12.56	48.28	31.43	9.71	7.92	3.1	2.299
1146	4/30/2008 10:16	12.67	47.96	31.21	9.65	7.92	3.4	2.217
1147	4/30/2008 10:31	12.82	48.351	31.49	9.51	7.92	3.2	2.154
1148	4/30/2008 10:46	12.89	48.1	31.32	9.46	7.91	3.1	2.068
1149	4/30/2008 11:01	12.96	47.994	31.24	9.44	7.91	3.3	1.988
1150	4/30/2008 11:16	13.11	47.956	31.22	9.48	7.91	3.7	1.897
1151	4/30/2008 11:31	13.33	47.989	31.25	9.46	7.94	4.5	1.82
1152	4/30/2008 11:46	13.59	47.635	31	9.06	7.92	9.3	1.728
1153	4/30/2008 12:01	13.71	47.632	31	8.88	7.91	9.6	1.647
1154	4/30/2008 12:16	13.72	47.593	30.98	8.84	7.91	9	1.558
1155	4/30/2008 12:31	13.88	47.499	30.91	8.96	7.92	7.4	1.463
1156	4/30/2008 12:46	13.95	47.596	30.99	8.84	7.92	7	1.411
1157	4/30/2008 13:01	13.82	47.341	30.8	8.66	7.9	6.8	1.324
1158	4/30/2008 13:16	13.84	47.289	30.76	8.61	7.9	6.5	1.265
1159	4/30/2008 13:31	13.97	47.397	30.84	8.72	7.91	6.2	1.214
1160	4/30/2008 13:46	14.01	47.387	30.84	8.65	7.91	5	1.183
1161	4/30/2008 14:01	14.12	47.782	31.13	8.75	7.92	4.7	1.185
1162	4/30/2008 14:16	13.96	47.749	31.1	8.59	7.92	5.9	1.159
1163	4/30/2008 14:31	13.89	47.814	31.14	8.64	7.92	6.8	1.176
1164	4/30/2008 14:46	13.79	47.595	30.98	8.74	7.9	5.4	1.213
1165	4/30/2008 15:01	14.02	47.731	31.09	8.92	7.93	5.2	1.232
1166	4/30/2008 15:16	14.04	47.231	30.72	8.92	7.92	5.1	1.262
1167	4/30/2008 15:31	13.9	47.727	31.08	8.84	7.91	5.2	1.325
1168	4/30/2008 15:46	13.89	47.581	30.97	8.85	7.91	5.4	1.373
1169	4/30/2008 16:01	14.05	47.2	30.7	8.86	7.91	5.7	1.424

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Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	4/30/2008 16:16	14.08	47.333	30.8	8.79	7.9	5.2	1.483
1171	4/30/2008 16:31	14.02	47.361	30.82	8.77	7.9	5.3	1.545
1172	4/30/2008 16:46	13.86	47.437	30.87	8.75	7.89	5.4	1.617
1173	4/30/2008 17:01	13.83	47.451	30.88	8.78	7.89	5.5	1.696
1174	4/30/2008 17:16	13.91	47.36	30.81	9.03	7.91	5.9	1.77
1175	4/30/2008 17:31	13.75	47.559	30.95	9.01	7.9	4.8	1.851
1176	4/30/2008 17:46	13.53	47.762	31.09	9.25	7.91	4	1.931
1177	4/30/2008 18:01	13.13	48.066	31.3	9.6	7.92	2.8	1.996
1178	4/30/2008 18:16	13.02	48.17	31.37	9.79	7.92	3.1	2.09
1179	4/30/2008 18:31	12.99	48.553	31.65	9.87	7.93	3.3	2.16
1180	4/30/2008 18:46	12.95	48.227	31.41	9.96	7.94	3.3	2.234
1181	4/30/2008 19:01	12.86	48.099	31.31	10.11	7.94	3.2	2.305
1182	4/30/2008 19:16	12.83	48.365	31.51	10.15	7.94	3.2	2.374
1183	4/30/2008 19:31	12.74	48.606	31.68	10.29	7.96	3.1	2.434
1184	4/30/2008 19:46	12.59	48.463	31.57	10.5	7.97	3.4	2.504
1185	4/30/2008 20:01	12.47	47.731	31.03	10.71	7.97	3.4	2.574
1186	4/30/2008 20:16	12.42	49.041	31.98	10.8	7.98	3.3	2.625
1187	4/30/2008 20:31	12.36	48.842	31.83	11.01	8	4.1	2.673
1188	4/30/2008 20:46	12.3	48.619	31.67	11.07	8	3.4	2.739
1189	4/30/2008 21:01	12.23	49.232	32.11	11.01	8.01	2.8	2.776
1190	4/30/2008 21:16	12.12	49.026	31.95	10.95	8	2.4	2.803
1191	4/30/2008 21:31	12.32	47.888	31.14	10.29	7.98	3.4	2.82
1192	4/30/2008 21:46	12.28	49.078	32	10.38	7.98	2.7	2.813
1193	4/30/2008 22:01	12.08	48.363	31.47	10.69	7.98	2	2.8
1194	4/30/2008 22:16	12.32	48.834	31.82	10.3	7.98	4	2.764
1195	4/30/2008 22:31	12.3	49.084	32	10.34	7.96	3.8	2.725
1196	4/30/2008 22:46	12.43	47.605	30.94	9.98	7.94	5.2	2.664
1197	4/30/2008 23:01	12.37	48.711	31.74	10.01	7.95	4.8	2.589
1198	4/30/2008 23:16	12.36	48.587	31.65	10.1	7.96	4.2	2.517
1199	4/30/2008 23:31	12.34	48.535	31.61	10.11	7.96	4	2.441
1200	4/30/2008 23:46	12.54	48.463	31.56	9.81	7.94	4.2	2.358
1201	5/1/2008 0:01	12.76	48.306	31.46	9.5	7.92	4.4	2.307
1202	5/1/2008 0:16	12.75	48.383	31.52	9.32	7.91	4.8	2.21
1203	5/1/2008 0:31	12.6	48.316	31.46	9.27	7.91	4.8	2.126
1204	5/1/2008 0:46	12.91	46.939	30.48	9.12	7.88	5.2	2.043
1205	5/1/2008 1:01	12.77	47.29	30.73	9.09	7.88	5.3	1.968
1206	5/1/2008 1:16	12.92	48.104	31.32	8.86	7.89	6.1	1.892
1207	5/1/2008 1:31	12.86	47.062	30.56	8.94	7.88	5.1	1.853
1208	5/1/2008 1:46	13.03	47.543	30.92	8.78	7.88	5.7	1.754
1209	5/1/2008 2:01	13.25	48.081	31.31	8.56	7.88	7.4	1.678
1210	5/1/2008 2:16	13.45	47.665	31.02	8.37	7.89	9.7	1.628
1211	5/1/2008 2:31	13.55	47.853	31.16	8.29	7.89	9.9	1.567
1212	5/1/2008 2:46	13.74	47.922	31.22	8.17	7.9	10.1	1.535
1213	5/1/2008 3:01	13.76	47.599	30.98	8.27	7.9	9.5	1.525
1214	5/1/2008 3:16	13.65	47.805	31.13	8.09	7.89	8.6	1.514

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	5/1/2008 3:31	13.55	47.65	31.01	8.21	7.87	10.3	1.522
1216	5/1/2008 3:46	13.51	47.829	31.14	8.22	7.88	9	1.535
1217	5/1/2008 4:01	13.42	46.723	30.34	8.29	7.87	9.2	1.573
1218	5/1/2008 4:16	13.36	47.768	31.09	8.34	7.86	7.8	1.613
1219	5/1/2008 4:31	13.26	47.798	31.11	8.44	7.87	6.7	1.665
1220	5/1/2008 4:46	13.16	46.597	30.24	8.48	7.86	6.7	1.723
1221	5/1/2008 5:01	13.13	47.817	31.12	8.44	7.86	5.6	1.786
1222	5/1/2008 5:16	13.09	47.481	30.88	8.48	7.87	5.7	1.848
1223	5/1/2008 5:31	13.07	47.615	30.97	8.53	7.87	5.6	1.884
1224	5/1/2008 5:46	12.93	47.791	31.09	8.77	7.88	4.9	1.955
1225	5/1/2008 6:01	12.83	47.902	31.17	8.86	7.88	4.9	2.023
1226	5/1/2008 6:16	12.76	47.918	31.18	9.04	7.88	4	2.074
1227	5/1/2008 6:31	12.67	48.357	31.49	9.1	7.87	3.7	2.124
1228	5/1/2008 6:46	12.59	48.236	31.4	9.45	7.91	3.1	2.19
1229	5/1/2008 7:01	12.52	48.377	31.5	9.6	7.92	3.1	2.254
1230	5/1/2008 7:16	12.47	47.665	30.99	9.71	7.92	4.5	2.306
1231	5/1/2008 7:31	12.47	48.888	31.87	9.73	7.94	5.6	2.35
1232	5/1/2008 7:46	12.45	48.518	31.6	9.76	7.93	2.5	2.41
1233	5/1/2008 8:01	12.36	48.618	31.67	9.85	7.94	2.6	2.46
1234	5/1/2008 8:16	12.26	48.703	31.73	9.93	7.95	2.4	2.508
1235	5/1/2008 8:31	12.14	48.926	31.88	9.94	7.94	2.4	2.539
1236	5/1/2008 8:46	12.1	49.059	31.98	9.99	7.93	2.5	2.573
1237	5/1/2008 9:01	12.03	48.761	31.76	10.05	7.95	2.5	2.605
1238	5/1/2008 9:16	12	48.778	31.77	10.01	7.95	2.1	2.612
1239	5/1/2008 9:31	12.16	48.554	31.61	9.99	7.94	2.6	2.619
1240	5/1/2008 9:46	12.08	48.769	31.77	9.85	7.94	1.8	2.606
1241	5/1/2008 10:01	12	48.357	31.47	9.94	7.93	2	2.579
1242	5/1/2008 10:16	12.52	48.381	31.5	9.77	7.93	2.1	2.541
1243	5/1/2008 10:31	12.71	48.592	31.67	9.65	7.95	2.6	2.477
1244	5/1/2008 10:46	12.72	48.16	31.35	9.87	7.96	3.1	2.416
1245	5/1/2008 11:01	12.83	48.711	31.76	9.74	7.95	3.8	2.331
1246	5/1/2008 11:16	12.97	48.369	31.51	9.74	7.96	3.9	2.256
1247	5/1/2008 11:31	13.17	48.02	31.27	9.67	7.96	3.6	2.177
1248	5/1/2008 11:46	13.17	48.029	31.27	9.53	7.95	4.1	2.088
1249	5/1/2008 12:01	13.47	48.01	31.27	9.4	7.95	4.5	2.003
1250	5/1/2008 12:16	13.68	47.814	31.14	9.6	7.96	4.3	1.897
1251	5/1/2008 12:31	13.69	47.522	30.92	9.59	7.97	5	1.81
1252	5/1/2008 12:46	13.83	47.416	30.85	9.43	7.96	4.9	1.726
1253	5/1/2008 13:01	14.18	47.139	30.66	9.55	7.97	5.1	1.615
1254	5/1/2008 13:16	14.13	48.119	31.37	9.4	7.98	4.9	1.521
1255	5/1/2008 13:31	14.33	47.202	30.71	9.31	7.98	5.9	1.443
1256	5/1/2008 13:46	14.25	47.816	31.15	9.24	7.97	4.5	1.364
1257	5/1/2008 14:01	14.2	47.452	30.89	9.03	7.95	5.8	1.299
1258	5/1/2008 14:16	14.3	47.727	31.09	9.08	7.96	4.6	1.245
1259	5/1/2008 14:31	14.38	47.838	31.17	9.1	7.96	5.4	1.207

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1260	5/1/2008 14:46	14.44	47.847	31.18	8.92	7.97	4.9	1.17
1261	5/1/2008 15:01	14.68	47.446	30.9	9.17	7.98	4.3	1.173
1262	5/1/2008 15:16	14.7	47.84	31.18	9.3	7.99	4.5	1.163
1263	5/1/2008 15:31	14.65	47.134	30.67	9.29	7.99	4.9	1.199
1264	5/1/2008 15:46	14.45	47.826	31.17	9.09	7.97	5.1	1.22
1265	5/1/2008 16:01	14.59	48.077	31.35	9.21	7.98	5.2	1.248
1266	5/1/2008 16:16	14.58	47.679	31.06	9.09	7.98	5.1	1.307
1267	5/1/2008 16:31	14.45	47.433	30.88	8.94	7.96	6.2	1.372
1268	5/1/2008 16:46	14.39	47.686	31.06	8.98	7.96	5.6	1.449
1269	5/1/2008 17:01	14.56	47.541	30.96	8.88	7.97	6.2	1.514
1270	5/1/2008 17:16	14.51	47.138	30.67	9.1	7.97	6.5	1.599
1271	5/1/2008 17:31	14.43	47.334	30.81	8.97	7.96	5.9	1.66
1272	5/1/2008 17:46	14.45	47.154	30.68	9.02	7.97	5.4	1.747
1273	5/1/2008 18:01	14.34	47.282	30.77	9.09	7.97	5.1	1.86
1274	5/1/2008 18:16	13.83	47.831	31.15	9.32	7.96	4	1.913
1275	5/1/2008 18:31	13.54	48.388	31.55	9.51	7.96	4	2.003
1276	5/1/2008 18:46	13.36	48.509	31.63	9.66	7.97	4.2	2.081
1277	5/1/2008 19:01	13.31	48.578	31.68	9.76	7.96	5.1	2.164
1278	5/1/2008 19:16	13.19	48.609	31.7	9.85	7.98	4.9	2.25
1279	5/1/2008 19:31	13.03	48.17	31.37	9.87	7.98	4.9	2.335
1280	5/1/2008 19:46	12.99	48.573	31.66	10	7.99	4.8	2.405
1281	5/1/2008 20:01	12.82	48.64	31.7	10.27	8.01	6.6	2.487
1282	5/1/2008 20:16	12.58	48.84	31.84	10.44	8.01	5.9	2.57
1283	5/1/2008 20:31	12.47	48.885	31.87	10.6	8.02	7.2	2.634
1284	5/1/2008 20:46	12.3	48.931	31.89	10.68	8.02	6.2	2.711
1285	5/1/2008 21:01	12.05	49.078	31.99	10.61	8.01	5.1	2.772
1286	5/1/2008 21:16	11.81	49.633	32.38	10.61	7.99	4.8	2.839
1287	5/1/2008 21:31	11.7	49.304	32.14	10.66	7.99	4	2.891
1288	5/1/2008 21:46	11.64	49.432	32.23	10.65	7.98	3.2	2.931
1289	5/1/2008 22:01	11.58	49.375	32.18	10.66	7.98	2.4	2.958
1290	5/1/2008 22:16	11.94	48.462	31.54	10.29	7.96	3.1	2.967
1291	5/1/2008 22:31	11.6	49.605	32.35	10.49	7.97	3	2.942
1292	5/1/2008 22:46	11.58	49.418	32.21	10.56	7.97	2.4	2.905
1293	5/1/2008 23:01	12.2	49.091	32.01	10.08	7.97	5.9	2.839
1294	5/1/2008 23:16	12.35	49.184	32.08	10	7.97	4.3	2.764
1295	5/1/2008 23:31	12.34	49.16	32.06	9.97	7.97	4.2	2.672
1296	5/1/2008 23:46	12.35	49.155	32.06	10.04	7.97	4.1	2.578
1297	5/2/2008 0:01	12.65	48.761	31.79	9.78	7.97	4.6	2.492
1298	5/2/2008 0:16	12.72	48.537	31.63	9.75	7.98	6.5	2.387
1299	5/2/2008 0:31	12.88	48.79	31.82	9.51	7.97	4.9	2.305
1300	5/2/2008 0:46	13.04	47.993	31.24	9.28	7.96	5.7	2.203
1301	5/2/2008 1:01	12.91	48.083	31.3	9.28	7.95	4.6	2.097
1302	5/2/2008 1:16	12.99	47.888	31.17	9.2	7.96	5.3	1.988
1303	5/2/2008 1:31	12.93	48.593	31.67	9.18	7.96	5.4	1.89
1304	5/2/2008 1:46	13.01	48.445	31.57	9.07	7.95	5.5	1.789

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	5/2/2008 2:01	13.01	48.162	31.37	8.97	7.95	5.9	1.684
1306	5/2/2008 2:16	13.19	48.359	31.51	8.79	7.94	5.7	1.582
1307	5/2/2008 2:31	13.56	47.918	31.21	8.6	7.95	8.2	1.478
1308	5/2/2008 2:46	13.68	47.836	31.15	8.52	7.94	7.8	1.401
1309	5/2/2008 3:01	13.8	47.83	31.15	8.44	7.96	9.2	1.32
1310	5/2/2008 3:16	14	48.053	31.32	8.37	7.96	10.2	1.256
1311	5/2/2008 3:31	14.02	47.738	31.09	8.37	7.97	10.5	1.21
1312	5/2/2008 3:46	14.07	47.786	31.13	8.29	7.97	10.6	1.167
1313	5/2/2008 4:01	14.09	46.924	30.5	8.36	7.96	8.8	1.182
1314	5/2/2008 4:16	14.02	47.737	31.09	8.32	7.95	9.6	1.19
1315	5/2/2008 4:31	13.97	47.677	31.05	8.34	7.95	9.2	1.192
1316	5/2/2008 4:46	13.92	48.017	31.29	8.34	7.95	8.9	1.24
1317	5/2/2008 5:01	13.86	47.764	31.11	8.38	7.95	8.4	1.305
1318	5/2/2008 5:16	13.77	47.306	30.77	8.4	7.94	7.1	1.367
1319	5/2/2008 5:31	13.69	47.857	31.17	8.3	7.92	7.1	1.429
1320	5/2/2008 5:46	13.68	47.306	30.77	8.3	7.92	7	1.508
1321	5/2/2008 6:01	13.63	47.325	30.78	8.29	7.92	7.6	1.595
1322	5/2/2008 6:16	13.57	47.452	30.87	8.3	7.91	7.3	1.656
1323	5/2/2008 6:31	13.5	47.526	30.92	8.38	7.91	6.8	1.742
1324	5/2/2008 6:46	13.3	46.954	30.5	8.6	7.91	5.7	1.814
1325	5/2/2008 7:01	13.2	47.82	31.12	8.69	7.92	4.9	1.89
1326	5/2/2008 7:16	12.99	48.518	31.62	9.06	7.94	4.6	1.969
1327	5/2/2008 7:31	12.93	48.627	31.7	9.16	7.93	4	2.038
1328	5/2/2008 7:46	12.88	48.471	31.58	9.22	7.95	3.7	2.104
1329	5/2/2008 8:01	12.85	48.741	31.78	9.25	7.95	3.8	2.188
1330	5/2/2008 8:16	12.83	48.24	31.41	9.3	7.95	3.7	2.24
1331	5/2/2008 8:31	12.72	48.848	31.85	9.35	7.95	4.2	2.312
1332	5/2/2008 8:46	12.65	48.562	31.64	9.44	7.96	3.6	2.376
1333	5/2/2008 9:01	12.5	48.717	31.75	9.56	7.96	4.2	2.436
1334	5/2/2008 9:16	12.36	48.959	31.92	9.62	7.95	4.6	2.495
1335	5/2/2008 9:31	12.23	47.916	31.16	9.79	7.95	4.2	2.542
1336	5/2/2008 9:46	12.15	48.726	31.74	9.8	7.95	3.3	2.592
1337	5/2/2008 10:01	12.08	48.924	31.88	9.87	7.95	2.8	2.634
1338	5/2/2008 10:16	12.02	49.082	31.99	9.86	7.95	2.6	2.651
Mean		11.93	49.04	31.95	9.45	7.85	5.70	2.05
Minimum		9.08	46.60	30.24	8.09	7.61	0.90	0.73
Maximum		14.70	51.42	33.51	11.77	8.05	46.30	3.14
Standard Dev.		1.19	0.97	0.66	0.64	0.08	4.39	0.57

Parameter	Criteria	Source
Dissolved Oxygen	6.0 mg/L (min)	NCRQCB Basin Plan, Objectives for Inland waters, Enclosed Bays and Estuaries

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
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					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	5/2/2008 10:46	12.13	49.761	32.49	9.68	8.08	3.1	2.69
1	5/2/2008 11:01	12.08	49.775	32.5	9.63	8.13	2.9	2.661
2	5/2/2008 11:16	12.59	47.934	31.18	9.6	8.17	3.4	2.605
3	5/2/2008 11:31	13.1	47.869	31.16	9.51	8.19	4.4	2.552
4	5/2/2008 11:46	12.9	49.398	32.26	9.49	8.18	5.1	2.477
5	5/2/2008 12:01	13.1	49.292	32.19	9.4	8.18	4.9	2.381
6	5/2/2008 12:16	13.22	49.296	32.2	9.38	8.19	5.3	2.297
7	5/2/2008 12:31	13.39	49.231	32.15	9.37	8.19	4.8	2.211
8	5/2/2008 12:46	13.67	49.061	32.04	9.19	8.19	5	2.11
9	5/2/2008 13:01	13.83	48.998	32	9.09	8.18	5.6	2.028
10	5/2/2008 13:16	14	48.946	31.97	9.12	8.19	5.4	1.932
11	5/2/2008 13:31	14.14	48.917	31.95	9.18	8.19	5	1.835
12	5/2/2008 13:46	14.38	48.526	31.67	9.24	8.2	5.6	1.744
13	5/2/2008 14:01	14.33	48.773	31.85	9.05	8.19	5.9	1.643
14	5/2/2008 14:16	14.51	48.731	31.83	8.98	8.18	6.3	1.559
15	5/2/2008 14:31	14.52	48.684	31.79	8.75	8.17	7.1	1.475
16	5/2/2008 14:46	14.86	48.616	31.75	8.85	8.18	8	1.409
17	5/2/2008 15:01	14.82	47.697	31.08	8.81	8.2	7	1.337
18	5/2/2008 15:16	15.05	48.666	31.79	8.7	8.18	7.8	1.295
19	5/2/2008 15:31	15.11	48.41	31.61	8.7	8.18	7.4	1.266
20	5/2/2008 15:46	15.47	48.544	31.71	8.97	8.2	7.6	1.242
21	5/2/2008 16:01	15.15	48.657	31.79	8.84	8.19	7.4	1.255
22	5/2/2008 16:16	14.83	48.57	31.72	8.71	8.17	6.8	1.271
23	5/2/2008 16:31	14.97	48.477	31.65	8.76	8.18	6.4	1.318
24	5/2/2008 16:46	14.98	48.582	31.73	8.66	8.17	7.8	1.358
25	5/2/2008 17:01	14.96	48.599	31.74	8.7	8.17	8.1	1.417
26	5/2/2008 17:16	14.78	48.456	31.63	8.68	8.17	8.2	1.499
27	5/2/2008 17:31	15	48.138	31.41	8.66	8.16	8	1.572
28	5/2/2008 17:46	14.78	48.444	31.62	8.6	8.16	7.9	1.648
29	5/2/2008 18:01	14.61	48.477	31.64	8.62	8.16	7	1.738
30	5/2/2008 18:16	14.48	48.532	31.68	8.75	8.17	6.8	1.822
31	5/2/2008 18:31	14.29	48.647	31.76	8.93	8.18	5.7	1.901
32	5/2/2008 18:46	14.03	48.825	31.88	9.04	8.18	4.9	1.995
33	5/2/2008 19:01	13.77	49.006	32	9.22	8.19	5.6	2.08
34	5/2/2008 19:16	13.52	47.54	30.93	9.31	8.2	4.9	2.171
35	5/2/2008 19:31	13.44	49.006	31.99	9.24	8.19	5.1	2.258
36	5/2/2008 19:46	13.28	48.561	31.66	9.34	8.2	6.2	2.347
37	5/2/2008 20:01	13.24	47.963	31.23	9.58	8.22	7.4	2.437
38	5/2/2008 20:16	12.89	49.468	32.31	9.89	8.22	9.6	2.528
39	5/2/2008 20:31	12.65	49.621	32.41	9.93	8.22	10.4	2.617
40	5/2/2008 20:46	12.51	49.762	32.51	10.05	8.23	10	2.706
41	5/2/2008 21:01	12.19	49.476	32.28	10.02	8.22	7.9	2.796
42	5/2/2008 21:16	11.8	49.672	32.41	9.91	8.21	9.9	2.885
43	5/2/2008 21:31	11.43	50.488	32.98	9.78	8.19	6.8	2.964
44	5/2/2008 21:46	11.27	49.802	32.47	9.81	8.19	7	3.042

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	5/2/2008 22:01	11.19	50.087	32.68	9.81	8.19	5.2	3.095
46	5/2/2008 22:16	11.09	49.246	32.06	9.88	8.2	4.5	3.153
47	5/2/2008 22:31	11.06	49.672	32.37	9.84	8.19	4.6	3.175
48	5/2/2008 22:46	11.39	50.046	32.66	9.64	8.19	7.5	3.178
49	5/2/2008 23:01	11.21	49.162	32.01	9.61	8.18	4	3.173
50	5/2/2008 23:16	11.05	49.687	32.38	9.68	8.19	3.9	3.123
51	5/2/2008 23:31	12.12	48.737	31.75	9.53	8.2	5.1	3.059
52	5/2/2008 23:46	12.15	48.615	31.66	9.48	8.2	5.1	2.976
53	5/3/2008 0:01	12.15	49.379	32.21	9.44	8.19	5.1	2.866
54	5/3/2008 0:16	12.18	48.982	31.93	9.41	8.19	5.5	2.764
55	5/3/2008 0:31	12.36	49.545	32.34	9.38	8.19	5.5	2.657
56	5/3/2008 0:46	12.36	49.199	32.09	9.4	8.19	5.3	2.54
57	5/3/2008 1:01	12.47	49.122	32.04	9.34	8.19	5.8	2.43
58	5/3/2008 1:16	12.76	49.114	32.05	9.26	8.19	7.4	2.312
59	5/3/2008 1:31	12.8	48.826	31.84	9.2	8.18	6.4	2.201
60	5/3/2008 1:46	13.01	48.208	31.4	9.04	8.17	6.8	2.068
61	5/3/2008 2:01	13.33	48.705	31.77	8.82	8.16	7.8	1.945
62	5/3/2008 2:16	13.09	48.911	31.91	8.8	8.16	7	1.821
63	5/3/2008 2:31	13.34	48.286	31.47	8.69	8.16	8.7	1.691
64	5/3/2008 2:46	13.59	47.721	31.07	8.54	8.15	9	1.563
65	5/3/2008 3:01	13.77	48.265	31.47	8.38	8.15	8.9	1.428
66	5/3/2008 3:16	14.02	47.448	30.88	8.33	8.15	8.8	1.314
67	5/3/2008 3:31	14.21	47.598	30.99	8.26	8.15	8.7	1.199
68	5/3/2008 3:46	14.33	47.971	31.27	8.2	8.14	8.7	1.086
69	5/3/2008 4:01	14.5	47.956	31.26	8.15	8.15	9.3	1.012
70	5/3/2008 4:16	14.57	47.802	31.15	8.12	8.15	9.4	0.945
71	5/3/2008 4:31	14.63	48.117	31.38	8.07	8.14	10.3	0.903
72	5/3/2008 4:46	14.59	48.045	31.33	7.98	8.14	9	0.903
73	5/3/2008 5:01	14.59	48.203	31.44	8.09	8.14	9.2	0.916
74	5/3/2008 5:16	14.51	48.482	31.64	8.11	8.14	7.8	0.952
75	5/3/2008 5:31	14.46	48.511	31.66	8.12	8.14	7.3	1.026
76	5/3/2008 5:46	14.38	48.144	31.39	8.15	8.14	7.1	1.079
77	5/3/2008 6:01	14.34	47.599	31	8.13	8.13	7.1	1.148
78	5/3/2008 6:16	14.36	46.738	30.38	8.08	8.14	7.4	1.231
79	5/3/2008 6:31	14.36	48.001	31.29	8.03	8.12	8.2	1.303
80	5/3/2008 6:46	14.33	47.695	31.07	8	8.12	8	1.372
81	5/3/2008 7:01	14.29	47.539	30.95	8.01	8.12	8.9	1.463
82	5/3/2008 7:16	14.22	48.163	31.4	8.02	8.12	7.6	1.543
83	5/3/2008 7:31	14.01	47.47	30.9	8.13	8.12	8.3	1.633
84	5/3/2008 7:46	13.88	48.335	31.52	8.21	8.12	7.8	1.727
85	5/3/2008 8:01	13.74	47.482	30.9	8.38	8.14	6.7	1.816
86	5/3/2008 8:16	13.59	48.409	31.56	8.49	8.14	6.5	1.911
87	5/3/2008 8:31	13.45	48.657	31.74	8.64	8.14	6.2	2.006
88	5/3/2008 8:46	13.33	48.578	31.68	8.7	8.15	7	2.095
89	5/3/2008 9:01	13.26	48.301	31.47	8.77	8.16	6.9	2.184

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	5/3/2008 9:16	13.09	48.935	31.93	8.84	8.15	7	2.261
91	5/3/2008 9:31	12.93	48.04	31.27	8.95	8.16	7.4	2.338
92	5/3/2008 9:46	12.72	49.146	32.07	8.98	8.15	7.9	2.416
93	5/3/2008 10:01	12.54	49.215	32.11	9.08	8.16	8.6	2.48
94	5/3/2008 10:16	12.46	49.066	32	9.15	8.16	6.2	2.551
95	5/3/2008 10:31	12.1	49.397	32.22	9.15	8.15	5.7	2.616
96	5/3/2008 10:46	11.89	49.623	32.38	9.1	8.14	6	2.666
97	5/3/2008 11:01	11.69	49.803	32.5	9.04	8.13	5	2.715
98	5/3/2008 11:16	11.55	49.724	32.43	9.04	8.14	4.7	2.744
99	5/3/2008 11:31	11.86	49.245	32.1	9.16	8.15	3.9	2.757
100	5/3/2008 11:46	11.62	49.904	32.57	8.86	8.13	3.8	2.755
101	5/3/2008 12:01	11.55	50.031	32.66	8.99	8.13	4.4	2.724
102	5/3/2008 12:16	11.98	49.759	32.48	9	8.14	4.1	2.666
103	5/3/2008 12:31	13.3	49.055	32.02	9.34	8.18	6	2.599
104	5/3/2008 12:46	13.26	48.366	31.52	9.37	8.19	6.2	2.523
105	5/3/2008 13:01	13.49	48.365	31.53	9.42	8.18	6.3	2.433
106	5/3/2008 13:16	13.68	48.382	31.55	9.46	8.19	5.6	2.334
107	5/3/2008 13:31	14.01	48.628	31.74	9.31	8.18	6.2	2.238
108	5/3/2008 13:46	14.13	48.705	31.8	9.27	8.19	5.8	2.162
109	5/3/2008 14:01	14.44	48.559	31.7	9.28	8.19	6.2	2.065
110	5/3/2008 14:16	14.84	48.789	31.88	9.32	8.19	6.7	1.952
111	5/3/2008 14:31	14.88	48.448	31.63	9.3	8.19	6.8	1.866
112	5/3/2008 14:46	15.19	47.289	30.79	9.29	8.18	8	1.773
113	5/3/2008 15:01	15.48	47.891	31.24	9.26	8.18	7.7	1.681
114	5/3/2008 15:16	15.55	47.397	30.88	9.17	8.19	7.8	1.582
115	5/3/2008 15:31	15.61	48.14	31.42	8.98	8.17	8.2	1.506
116	5/3/2008 15:46	15.61	47.566	31	8.89	8.17	8.2	1.449
117	5/3/2008 16:01	15.73	47.688	31.09	8.9	8.18	9.6	1.389
118	5/3/2008 16:16	15.76	47.856	31.22	8.85	8.17	8.4	1.341
119	5/3/2008 16:31	15.88	47.373	30.87	8.91	8.18	8.1	1.336
120	5/3/2008 16:46	15.96	48.218	31.48	8.93	8.18	8.5	1.337
121	5/3/2008 17:01	15.91	48.327	31.56	9.09	8.18	9.5	1.35
122	5/3/2008 17:16	15.75	47.845	31.21	8.97	8.16	9.2	1.392
123	5/3/2008 17:31	15.72	47.97	31.3	8.99	8.16	10	1.463
124	5/3/2008 17:46	15.63	47.571	31.01	8.95	8.16	8.3	1.529
125	5/3/2008 18:01	15.5	48.328	31.55	8.88	8.15	8.2	1.606
126	5/3/2008 18:16	15.48	47.872	31.22	8.87	8.15	7.9	1.696
127	5/3/2008 18:31	15.53	48.184	31.45	8.84	8.14	7.4	1.779
128	5/3/2008 18:46	15.42	47.793	31.16	8.91	8.14	7.8	1.873
129	5/3/2008 19:01	15.27	48.074	31.36	8.92	8.14	6.8	1.953
130	5/3/2008 19:16	14.86	48.581	31.72	9.02	8.14	7	2.049
131	5/3/2008 19:31	14.41	48.273	31.49	9.12	8.14	7.2	2.135
132	5/3/2008 19:46	14.02	48.13	31.37	9.19	8.15	6.9	2.227
133	5/3/2008 20:01	13.74	48.3	31.49	9.21	8.15	7.9	2.318
134	5/3/2008 20:16	13.5	49.096	32.06	9.18	8.14	7.8	2.408

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
135	5/3/2008 20:31	13.29	48.841	31.87	9.26	8.14	9.8	2.503
136	5/3/2008 20:46	12.95	49.366	32.24	9.31	8.14	13.5	2.605
137	5/3/2008 21:01	12.57	49.564	32.36	9.38	8.14	14.8	2.699
138	5/3/2008 21:16	12.32	49.665	32.43	9.36	8.13	14.2	2.807
139	5/3/2008 21:31	11.83	49.009	31.93	9.29	8.12	12.1	2.905
140	5/3/2008 21:46	11.42	50.138	32.73	9.2	8.11	11.5	2.997
141	5/3/2008 22:01	11.17	50.624	33.07	9.24	8.11	11.7	3.088
142	5/3/2008 22:16	11.1	50.324	32.84	9.28	8.11	9	3.159
143	5/3/2008 22:31	11.09	50.34	32.86	9.27	8.11	6.7	3.221
144	5/3/2008 22:46	11.03	50.52	32.98	9.26	8.11	5.8	3.283
145	5/3/2008 23:01	11.03	50.418	32.91	9.22	8.11	5.6	3.324
146	5/3/2008 23:16	11.02	50.511	32.98	9.06	8.1	3.1	3.314
147	5/3/2008 23:31	11.2	50.179	32.74	8.99	8.1	5.1	3.318
148	5/3/2008 23:46	11.17	50.467	32.95	9	8.1	5.4	3.287
149	5/4/2008 0:01	11.09	50.307	32.83	9.02	8.1	6.4	3.217
150	5/4/2008 0:16	11.46	49.962	32.6	8.96	8.1	9.6	3.126
151	5/4/2008 0:31	11.14	50.573	33.03	8.99	8.09	6	3.029
152	5/4/2008 0:46	11.14	50.24	32.79	8.95	8.09	6.7	2.923
153	5/4/2008 1:01	12.3	49.358	32.2	8.82	8.11	8.1	2.806
154	5/4/2008 1:16	12.48	49.28	32.15	8.78	8.11	9.7	2.679
155	5/4/2008 1:31	12.66	48.776	31.8		8.14	11.5	2.556
156	5/4/2008 1:46	12.89	49.047	32		8.09	10.4	2.428
157	5/4/2008 2:01	13.01	48.77	31.81		8.11	8.2	2.292
158	5/4/2008 2:16	13.21	48.946	31.94		8.13	7.4	2.142
159	5/4/2008 2:31	13.39	48.012	31.27		8.13	9.9	2.033
160	5/4/2008 2:46	13.35	48.319	31.49		8.13	9.7	1.879
161	5/4/2008 3:01	13.76	47.759	31.1		8.13	11.2	1.739
162	5/4/2008 3:16	14.11	47.587	30.98		8.12	12.8	1.579
163	5/4/2008 3:31	13.8	48.589	31.7		8.1	10.4	1.438
164	5/4/2008 3:46	14.17	48.768	31.84		8.1	12.3	1.28
165	5/4/2008 4:01	14.47	48.088	31.36		8.09	13.8	1.121
166	5/4/2008 4:16	14.61	48.334	31.54		8.09	12.6	0.991
167	5/4/2008 4:31	14.64	47.847	31.19		8.09	11.8	0.847
168	5/4/2008 4:46	14.69	48.196	31.44		8.08	11.2	0.711
169	5/4/2008 5:01	14.74	47.744	31.11		8.08	11.4	0.622
170	5/4/2008 5:16	14.77	47.642	31.04		8.08	9.6	0.555
171	5/4/2008 5:31	14.69	48.133	31.39		8.08	9.5	0.534
172	5/4/2008 5:46	14.71	47.695	31.08		8.08	8.7	0.573
173	5/4/2008 6:01	14.95	45.49	29.49		8.09	9.8	0.639
174	5/4/2008 6:16	14.99	47.324	30.81		8.1	10.4	0.728
175	5/4/2008 6:31	15.05	48.312	31.53		8.08	11.5	0.785
176	5/4/2008 6:46	15	48.007	31.31		8.08	10.7	0.854
177	5/4/2008 7:01	14.93	48.051	31.34		8.07	11.3	0.923
178	5/4/2008 7:16	14.89	47.525	30.96		8.06	11.8	1.013
179	5/4/2008 7:31	14.87	47.569	30.99		8.06	11.5	1.084

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
180	5/4/2008 7:46	14.84	47.468	30.92		8.06	11.9	1.17
181	5/4/2008 8:01	14.79	47.528	30.96		8.06	12.1	1.278
182	5/4/2008 8:16	14.67	48.251	31.48		8.07	12.4	1.361
183	5/4/2008 8:31	14.5	47.962	31.27		8.07	14.3	1.471
184	5/4/2008 8:46	14.19	48.401	31.58		8.08	12.1	1.579
185	5/4/2008 9:01	14.01	48.567	31.69		8.08	11.8	1.7
186	5/4/2008 9:16	13.76	48.304	31.49		8.09	10.5	1.805
187	5/4/2008 9:31	13.73	48.868	31.9		8.09	9.1	1.898
188	5/4/2008 9:46	13.67	48.626	31.72		8.1	9.9	2.014
189	5/4/2008 10:01	13.5	48.916	31.93		8.1	11.3	2.112
190	5/4/2008 10:16	13.33	49.384	32.26		8.1	11.5	2.196
191	5/4/2008 10:31	13.12	48.947	31.94		8.1	13.4	2.28
192	5/4/2008 10:46	12.79	48.447	31.56		8.11	14	2.358
193	5/4/2008 11:01	12.31	49.629	32.4		8.1	16	2.435
194	5/4/2008 11:16	12.08	49.87	32.57		8.11	14.8	2.507
195	5/4/2008 11:31	11.76	49.898	32.57		8.11	12.3	2.562
196	5/4/2008 11:46	11.63	50.028	32.66		8.11	10.2	2.627
197	5/4/2008 12:01	11.56	49.422	32.21		8.11	7.8	2.67
198	5/4/2008 12:16	11.42	49.575	32.32		8.11	6.7	2.699
199	5/4/2008 12:31	11.32	50.314	32.85		8.11	4.8	2.713
200	5/4/2008 12:46	11.42	50.053	32.67		8.1	5.2	2.697
201	5/4/2008 13:01	11.39	50.417	32.93		8.1	5.7	2.688
202	5/4/2008 13:16	11.72	50.247	32.82		8.11	6.4	2.635
203	5/4/2008 13:31	12.92	49.563	32.38		8.14	11	2.559
204	5/4/2008 13:46	13.01	49.575	32.39		8.13	11.2	2.486
205	5/4/2008 14:01	13.07	49.532	32.36		8.14	9.5	2.408
206	5/4/2008 14:16	13.16	49.529	32.36		8.15	8.1	2.32
207	5/4/2008 14:31	13.54	48.605	31.7		8.15	10.7	2.216
208	5/4/2008 14:46	13.82	48.418	31.58		8.16	9.8	2.13
209	5/4/2008 15:01	14.12	48.862	31.91		8.15	12.9	2.05
210	5/4/2008 15:16	14.31	48.248	31.47		8.15	16	1.951
211	5/4/2008 15:31	14.43	48.976	32		8.13	16.7	1.858
212	5/4/2008 15:46	14.64	48.857	31.92		8.13	16.6	1.786
213	5/4/2008 16:01	14.89	48.644	31.77		8.15	15.9	1.697
214	5/4/2008 16:16	15.04	49.064	32.08		8.14	18.4	1.606
215	5/4/2008 16:31	15.24	48.857	31.93		8.14	16.7	1.549
216	5/4/2008 16:46	15.28	49.039	32.07		8.13	15.3	1.491
217	5/4/2008 17:01	15.51	48.817	31.91		8.13	15.8	1.452
218	5/4/2008 17:16	15.47	48.736	31.85		8.11	13.6	1.446
219	5/4/2008 17:31	15.53	48.456	31.65		8.1	13	1.427
220	5/4/2008 17:46	15.66	47.994	31.31		8.09	12.2	1.441
221	5/4/2008 18:01	15.68	48.325	31.56		8.09	12.9	1.488
222	5/4/2008 18:16	15.67	48.09	31.38		8.08	13.6	1.548
223	5/4/2008 18:31	15.46	48.477	31.66		8.09	14.6	1.604
224	5/4/2008 18:46	15.26	48.353	31.57		8.09	14.3	1.698

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
225	5/4/2008 19:01	15.6	48.262	31.51		8.09	14.6	1.778
226	5/4/2008 19:16	15.47	48.114	31.4		8.09	13.4	1.869
227	5/4/2008 19:31	14.99	48.156	31.42		8.1	18.7	1.962
228	5/4/2008 19:46	14.54	48.812	31.88		8.12	15.4	2.054
229	5/4/2008 20:01	14.15	48.91	31.95		8.12	16.9	2.154
230	5/4/2008 20:16	13.68	49.493	32.36		8.12	16.7	2.241
231	5/4/2008 20:31	13.22	49.211	32.13		8.13	13.4	2.327
232	5/4/2008 20:46	13.11	49.711	32.49		8.13	12.5	2.423
233	5/4/2008 21:01	12.8	48.853	31.86		8.13	15.6	2.519
234	5/4/2008 21:16	12.43	49.291	32.16		8.14	17	2.626
235	5/4/2008 21:31	12.08	50.096	32.73		8.14	16.5	2.728
236	5/4/2008 21:46	11.76	50.085	32.71		8.14	15.6	2.836
237	5/4/2008 22:01	11.3	49.404	32.19		8.15	13.9	2.944
238	5/4/2008 22:16	11.02	50.205	32.75		8.13	13.4	3.045
239	5/4/2008 22:31	10.84	50.26	32.78		8.13	10.3	3.14
240	5/4/2008 22:46	10.75	50.78	33.16		8.12	8.5	3.239
241	5/4/2008 23:01	10.59	50.392	32.86		8.11	9.2	3.303
242	5/4/2008 23:16	10.63	50.722	33.11		8.11	5.9	3.353
243	5/4/2008 23:31	10.39	50.835	33.17		8.08	4.6	3.421
244	5/4/2008 23:46	10.38	51.037	33.32		8.08	4.1	3.431
245	5/5/2008 0:01	10.7	50.741	33.12		8.09	5.2	3.432
246	5/5/2008 0:16	10.61	50.804	33.16		8.08	5.9	3.425
247	5/5/2008 0:31	10.91	50.738	33.13		8.1	7.8	3.368
248	5/5/2008 0:46	10.99	50.731	33.13		8.1	5.9	3.279
249	5/5/2008 1:01	11.12	50.377	32.88		8.1	6.2	3.187
250	5/5/2008 1:16	11.35	50.425	32.93		8.1	6.2	3.087
251	5/5/2008 1:31	11.73	49.122	32.01		8.1	7.8	2.951
252	5/5/2008 1:46	11.92	49.89	32.57		8.12	10.8	2.826
253	5/5/2008 2:01	11.94	49.639	32.39		8.11	7.5	2.69
254	5/5/2008 2:16	12.21	49.275	32.14		8.11	9.4	2.568
255	5/5/2008 2:31	12.52	49.188	32.09		8.12	10.6	2.425
256	5/5/2008 2:46	13.12	49.039	32.01		8.11	10.5	2.275
257	5/5/2008 3:01	12.32	49.375	32.22		8.1	8.9	2.128
258	5/5/2008 3:16	12.58	49.34	32.2		8.1	8.3	1.98
259	5/5/2008 3:31	13.17	49.384	32.26		8.1	10.4	1.826
260	5/5/2008 3:46	13.87	48.978	31.99		8.09	14.4	1.655
261	5/5/2008 4:01	14.16	48.675	31.77		8.08	16.2	1.505
262	5/5/2008 4:16	13.91	48.74	31.81		8.07	14.2	1.346
263	5/5/2008 4:31	14.19	49.05	32.05		8.07	13	1.171
264	5/5/2008 4:46	14.56	48.207	31.45		8.07	14	0.993
265	5/5/2008 5:01	14.63	48.87	31.93		8.06	15.3	0.832
266	5/5/2008 5:16	14.78	48.726	31.83		8.06	14.8	0.685
267	5/5/2008 5:31	14.84	48.193	31.44		8.06	14.7	0.541
268	5/5/2008 5:46	15.07	48.623	31.76		8.05	14.8	0.4
269	5/5/2008 6:01	15.09	48.718	31.83		8.05	11	0.352

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	5/5/2008 6:16	15.14	47.985	31.3		8.04	11.4	0.335
271	5/5/2008 6:31	15.18	48.425	31.62		8.04	9.5	0.37
272	5/5/2008 6:46	15.15	47.992	31.3		8.04	9.4	0.467
273	5/5/2008 7:01	15.03	48.564	31.72		8.04	10.2	0.58
274	5/5/2008 7:16	15	48.631	31.76		8.04	9.6	0.662
275	5/5/2008 7:31	14.96	48.183	31.44		8.03	12.2	0.736
276	5/5/2008 7:46	14.95	47.808	31.16		8.02	13.1	0.813
277	5/5/2008 8:01	14.97	47.657	31.06		8.02	10.2	0.867
278	5/5/2008 8:16	15	47.217	30.74		8.02	10.3	0.952
279	5/5/2008 8:31	14.94	47.974	31.29		8.02	11.8	1.047
280	5/5/2008 8:46	14.93	47.417	30.88		8.02	12	1.136
281	5/5/2008 9:01	14.79	48.107	31.38		8.02	16.1	1.242
282	5/5/2008 9:16	14.64	47.42	30.88		8.03	15.6	1.363
283	5/5/2008 9:31	14.45	48.319	31.52		8.04	13.9	1.479
284	5/5/2008 9:46	14.31	48.046	31.32		8.05	12.6	1.594
285	5/5/2008 10:01	14.06	49.124	32.1		8.07	13.4	1.724
286	5/5/2008 10:16	13.91	48.109	31.36		8.08	11.2	1.851
287	5/5/2008 10:31	13.79	49.292	32.21		8.08	11	1.946
288	5/5/2008 10:46	13.62	48.979	31.98		8.08	11.5	2.053
289	5/5/2008 11:01	13.42	49.092	32.05		8.08	11.7	2.159
290	5/5/2008 11:16	13.01	49.55	32.37		8.08	16.2	2.26
291	5/5/2008 11:31	12.8	49.61	32.41		8.08	14.6	2.338
292	5/5/2008 11:46	12.4	49.669	32.43		8.07	15.3	2.43
293	5/5/2008 12:01	12	50.209	32.81		8.07	14.2	2.502
294	5/5/2008 12:16	11.71	50.262	32.83		8.07	14.3	2.573
295	5/5/2008 12:31	11.59	49.666	32.39		8.07	14.2	2.633
296	5/5/2008 12:46	11.35	50.589	33.05		8.06	10.7	2.692
297	5/5/2008 13:01	11.16	50.183	32.75		8.06	9.5	2.74
298	5/5/2008 13:16	11.07	50.332	32.85		8.05	6.2	2.765
299	5/5/2008 13:31	11.5	50.492	32.99		8.06	6.8	2.775
300	5/5/2008 13:46	11.03	49.637	32.34		8.04	6.6	2.774
301	5/5/2008 14:01	11.12	50.633	33.07		8.04	6.7	2.74
302	5/5/2008 14:16	11.59	50.221	32.8		8.07	9	2.669
303	5/5/2008 14:31	12.24	50.077	32.72		8.11	9.5	2.598
304	5/5/2008 14:46	12.48	49.968	32.65		8.11	8.9	2.517
305	5/5/2008 15:01	12.41	49.436	32.27		8.12	7.3	2.437
306	5/5/2008 15:16	12.48	49.766	32.51		8.11	7	2.342
307	5/5/2008 15:31	12.81	49.372	32.24		8.12	8.2	2.244
308	5/5/2008 15:46	13.12	49.546	32.37		8.13	7.4	2.16
309	5/5/2008 16:01	13.29	49.423	32.29		8.13	7.9	2.077
310	5/5/2008 16:16	13.3	48.907	31.92		8.14	8.2	1.987
311	5/5/2008 16:31	13.46	48.999	31.99		8.13	8.5	1.886
312	5/5/2008 16:46	13.82	49.02	32.02		8.12	9.4	1.824
313	5/5/2008 17:01	14.07	49.014	32.02		8.11	8.8	1.751
314	5/5/2008 17:16	14.17	48.348	31.54		8.11	8.9	1.675

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
315	5/5/2008 17:31	14.44	48.08	31.35		8.09	9.2	1.634
316	5/5/2008 17:46	14.47	48.187	31.43		8.09	8.8	1.599
317	5/5/2008 18:01	14.56	48.029	31.32		8.08	7.8	1.584
318	5/5/2008 18:16	14.58	47.798	31.15		8.09	6.9	1.57
319	5/5/2008 18:31	14.5	48.143	31.4		8.08	7	1.596
320	5/5/2008 18:46	14.42	48.305	31.51		8.09	7.9	1.633
321	5/5/2008 19:01	14.44	48.475	31.64		8.08	8.5	1.692
322	5/5/2008 19:16	14.36	48.225	31.45		8.08	8.9	1.753
323	5/5/2008 19:31	14.18	48.08	31.34		8.09	9.6	1.837
324	5/5/2008 19:46	14.18	48.463	31.62		8.08	8.4	1.927
325	5/5/2008 20:01	13.98	49.015	32.02		8.1	8.5	2.007
326	5/5/2008 20:16	13.81	49.254	32.19		8.1	7.3	2.101
327	5/5/2008 20:31	13.43	49.336	32.23		8.1	8.7	2.194
328	5/5/2008 20:46	12.93	49.072	32.02		8.09	9.6	2.285
329	5/5/2008 21:01	12.71	49.066	32.01		8.09	9	2.38
330	5/5/2008 21:16	12.6	49.625	32.41		8.09	8.5	2.473
331	5/5/2008 21:31	12.21	49.785	32.51		8.08	11.6	2.572
332	5/5/2008 21:46	11.66	49.655	32.39		8.07	14	2.674
333	5/5/2008 22:01	11.21	49.947	32.58		8.06	15.6	2.785
334	5/5/2008 22:16	10.92	50.39	32.88		8.06	13.3	2.89
335	5/5/2008 22:31	10.48	50.687	33.07		8.04	15.6	2.994
336	5/5/2008 22:46	10.04	50.256	32.73		8.03	13.9	3.103
337	5/5/2008 23:01	9.86	50.793	33.11		8.03	12.1	3.201
338	5/5/2008 23:16	9.72	50.592	32.95		8.03	11.1	3.3
339	5/5/2008 23:31	9.63	50.699	33.02		8.02	9.4	3.386
340	5/5/2008 23:46	9.6	51.033	33.26		8.01	6.5	3.451
341	5/6/2008 0:01	9.46	50.649	32.97		8.01	5.5	3.514
342	5/6/2008 0:16	9.39	51.127	33.31		8	4.5	3.556
343	5/6/2008 0:31	10.11	49.951	32.51		8.03	4.9	3.571
344	5/6/2008 0:46	9.79	50.634	32.99		8.01	4.9	3.559
345	5/6/2008 1:01	9.75	50.48	32.87		8.01	5.9	3.53
346	5/6/2008 1:16	9.94	50.039	32.57		8.02	6.5	3.468
347	5/6/2008 1:31	9.99	50.309	32.76		8.02	5.6	3.372
348	5/6/2008 1:46	10.1	49.899	32.47		8.02	5.5	3.263
349	5/6/2008 2:01	10.3	50.395	32.85		8.03	5.2	3.146
350	5/6/2008 2:16	10.7	50.346	32.84		8.04	7.3	3.014
351	5/6/2008 2:31	11.2	49.915	32.55		8.05	9.9	2.892
352	5/6/2008 2:46	11.25	49.96	32.59		8.05	8.8	2.751
353	5/6/2008 3:01	11.57	49.821	32.5		8.06	9.4	2.597
354	5/6/2008 3:16	11.61	49.737	32.45		8.05	7.8	2.468
355	5/6/2008 3:31	11.82	49.846	32.54		8.06	7.7	2.308
356	5/6/2008 3:46	11.95	49.441	32.25		8.06	8.1	2.169
357	5/6/2008 4:01	12.48	49.27	32.15		8.07	9.2	2.008
358	5/6/2008 4:16	12.52	48.972	31.93		8.06	10.1	1.842
359	5/6/2008 4:31	12.62	48.921	31.9		8.06	10.1	1.66

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	5/6/2008 4:46	13.15	48.774	31.81		8.06	12.9	1.496
361	5/6/2008 5:01	13.34	48.672	31.75		8.06	13.4	1.323
362	5/6/2008 5:16	13.42	48.341	31.51		8.06	12.4	1.123
363	5/6/2008 5:31	13.66	48.098	31.34		8.06	12.2	0.953
364	5/6/2008 5:46	13.79	48.5	31.64		8.06	13.4	0.763
365	5/6/2008 6:01	13.85	48.477	31.62		8.06	14.3	0.583
366	5/6/2008 6:16	13.98	48.546	31.68		8.06	16.8	0.424
367	5/6/2008 6:31	14.01	48.553	31.68		8.05	13.6	0.293
368	5/6/2008 6:46	13.94	48.665	31.76		8.03	16.8	0.248
369	5/6/2008 7:01	14.27	47.697	31.07		8.05	10.8	0.244
370	5/6/2008 7:16	14.26	47.792	31.14		8.05	9.5	0.298
371	5/6/2008 7:31	14.22	47.884	31.2		8.05	9.6	0.39
372	5/6/2008 7:46	14.21	47.969	31.26		8.06	9.9	0.496
373	5/6/2008 8:01	14.2	47.854	31.18		8.05	10.4	0.573
374	5/6/2008 8:16	14.19	48.035	31.31		8.05	9.6	0.636
375	5/6/2008 8:31	14.15	47.519	30.94		8.05	9.6	0.709
376	5/6/2008 8:46	14.11	47.997	31.28		8.05	9.8	0.762
377	5/6/2008 9:01	14.06	47.341	30.8		8.04	12.1	0.833
378	5/6/2008 9:16	14.01	47.368	30.82		8.04	13.7	0.922
379	5/6/2008 9:31	14	47.58	30.98		8.04	13.7	1.018
380	5/6/2008 9:46	14.03	47.548	30.95		8.03	16.1	1.138
381	5/6/2008 10:01	13.82	48.385	31.55		8.05	17.1	1.244
382	5/6/2008 10:16	13.76	48.063	31.32		8.05	15.2	1.357
383	5/6/2008 10:31	13.7	48.027	31.29		8.06	12.6	1.498
384	5/6/2008 10:46	13.49	48.462	31.6		8.07	12.7	1.626
385	5/6/2008 11:01	13.36	48.602	31.7		8.08	16.4	1.741
386	5/6/2008 11:16	13.31	48.827	31.86		8.08	12	1.871
387	5/6/2008 11:31	13.17	48.856	31.87		8.08	13.6	1.995
388	5/6/2008 11:46	13.06	49.572	32.39		8.08	13.4	2.095
389	5/6/2008 12:01	12.8	49.236	32.14		8.07	15.2	2.204
390	5/6/2008 12:16	12.52	49.113	32.04		8.08	15.6	2.301
391	5/6/2008 12:31	12.17	49.504	32.3		8.07	16.1	2.375
392	5/6/2008 12:46	11.58	49.568	32.32		8.06	15.3	2.473
393	5/6/2008 13:01	11.3	49.519	32.27		8.05	14.9	2.543
394	5/6/2008 13:16	11.19	49.831	32.49		8.05	14.6	2.607
395	5/6/2008 13:31	11.13	49.591	32.31		8.05	12.5	2.668
396	5/6/2008 13:46	11.07	49.64	32.35		8.05	9.5	2.721
397	5/6/2008 14:01	10.93	49.743	32.41		8.04	8.4	2.763
398	5/6/2008 14:16	10.76	49.867	32.49		8.04	5.6	2.788
399	5/6/2008 14:31	11.1	50.857	33.23		8.05	6.3	2.794
400	5/6/2008 14:46	10.86	50.8	33.18		8.04	9.3	2.779
401	5/6/2008 15:01	11.02	50.92	33.27		8.05		2.748
402	5/6/2008 15:16	12.05	50.513	33.03		8.11	17	2.679
403	5/6/2008 15:31	12.19	49.966	32.64		8.1	15.4	2.615
404	5/6/2008 15:46	12.19	49.843	32.55		8.1	9.3	2.53

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
405	5/6/2008 16:01	12.13	49.998	32.66		8.1	9.9	2.439
406	5/6/2008 16:16	12.28	49.798	32.52		8.11	8.4	2.346
407	5/6/2008 16:31	12.98	49.317	32.2		8.12	9.9	2.271
408	5/6/2008 16:46	13.22	49.867	32.61		8.13	13.3	2.183
409	5/6/2008 17:01	13.33	49.104	32.06		8.14	12.6	2.104
410	5/6/2008 17:16	13.54	49.134	32.09		8.15	17.3	2.034
411	5/6/2008 17:31	13.64	49.14	32.1		8.14	12.6	1.94
412	5/6/2008 17:46	13.87	48.971	31.98		8.14	10.7	1.868
413	5/6/2008 18:01	14.25	48.838	31.9		8.12	14.5	1.827
414	5/6/2008 18:16	14.46	48.98	32		8.13	12.6	1.764
415	5/6/2008 18:31	14.54	49.326	32.26		8.12	28.4	1.727
416	5/6/2008 18:46	14.63	49.065	32.07		8.11	15.4	1.711
417	5/6/2008 19:01	14.64	49.215	32.18		8.11	66.4	1.712
418	5/6/2008 19:16	14.57	49.205	32.17		8.12	18.9	1.731
419	5/6/2008 19:31	14.43	49.334	32.26		8.13	58.9	1.744
420	5/6/2008 19:46	14.49	49.172	32.15		8.12	14.3	1.807
421	5/6/2008 20:01	14.32	48.269	31.48		8.12	10.3	1.869
422	5/6/2008 20:16	14.1	48.385	31.56		8.11	10.4	1.943
423	5/6/2008 20:31	14.28	49.407	32.31		8.11		2.025
424	5/6/2008 20:46	14.01	48.798	31.86		8.11	9.8	2.102
425	5/6/2008 21:01	13.75	48.669	31.76		8.1	10.9	2.192
426	5/6/2008 21:16	13.29	49.126	32.07		8.09	10.4	2.282
427	5/6/2008 21:31	12.77	49.051	32		8.08	11.2	2.369
428	5/6/2008 21:46	12.25	49.8	32.52		8.06	13.1	2.452
429	5/6/2008 22:01	12	50.535	33.05		8.06	19.2	2.547
430	5/6/2008 22:16	11.84	49.904	32.58		8.05	12.6	2.645
431	5/6/2008 22:31	11.36	50.831	33.23		8.04	21.3	2.743
432	5/6/2008 22:46	10.89	49.942	32.56		8.02	15	2.849
433	5/6/2008 23:01	10.49	50.555	32.98		8.01	22.2	2.948
434	5/6/2008 23:16	10.24	51.331	33.52		8		3.059
435	5/6/2008 23:31	9.91	50.689	33.03		8	14.8	3.157
436	5/6/2008 23:46	9.65	50.681	33.01		7.98	12.8	3.258
437	5/7/2008 0:01	9.54	50.927	33.18		7.97	10.4	3.351
438	5/7/2008 0:16	9.51	51.141	33.33		7.97	7.5	3.425
439	5/7/2008 0:31	9.49	51.031	33.25		7.97	5.9	3.493
440	5/7/2008 0:46	9.49	51.644	33.7		7.96	6.8	3.542
441	5/7/2008 1:01	9.48	51.644	33.69		7.98	54.7	3.579
442	5/7/2008 1:16	9.62	51.391	33.52		7.98	7	3.596
443	5/7/2008 1:31	9.71	51.254	33.43		7.98	8.4	3.584
444	5/7/2008 1:46	9.64	51.204	33.39		7.98	7.6	3.546
445	5/7/2008 2:01	9.63	50.847	33.13		7.97	6.4	3.493
446	5/7/2008 2:16	9.78	50.826	33.12		7.97	9.6	3.404
447	5/7/2008 2:31	9.69	50.898	33.17		7.97	9.2	3.295
448	5/7/2008 2:46	10.09	50.788	33.12		7.97	14.1	3.175
449	5/7/2008 3:01	10.75	49.986	32.58		8.01	14.6	3.063

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	5/7/2008 3:16	10.74	49.981	32.57		8.01	15.3	2.914
451	5/7/2008 3:31	10.85	49.734	32.4		8.01	17.4	2.779
452	5/7/2008 3:46	11.2	49.607	32.33		8.03	17.6	2.645
453	5/7/2008 4:01	10.88	50.33	32.84		8	15.6	2.511
454	5/7/2008 4:16	11.14	50.078	32.67		8.01	16	2.343
455	5/7/2008 4:31	11.13	49.881	32.53		8.01	14.3	2.202
456	5/7/2008 4:46	12.3	50.25	32.85		8.05	15.9	2.031
457	5/7/2008 5:01	11.47	49.455	32.23		8.03	15.2	1.882
458	5/7/2008 5:16	12.52	48.929	31.9		8.05	18.9	1.699
459	5/7/2008 5:31	12.56	48.997	31.95		8.05	20.9	1.534
460	5/7/2008 5:46	12.72	49.038	31.99		8.06	24.2	1.358
461	5/7/2008 6:01	12.82	48.945	31.93		8.06	26.7	1.167
462	5/7/2008 6:16	12.96	48.779	31.81		8.06	28.2	0.973
463	5/7/2008 6:31	12.98	48.928	31.92		8.06	25.1	0.796
464	5/7/2008 6:46	13.11	48.562	31.66		8.06	23.7	0.594
465	5/7/2008 7:01	13.24	48.432	31.57		8.06	23.1	0.419
466	5/7/2008 7:16	13.37	48.368	31.53		8.06	19.2	0.279
467	5/7/2008 7:31	13.3	49.209	32.14		8.06	21	0.209
468	5/7/2008 7:46	13.68	48.571	31.68		8.07	18.2	0.197
469	5/7/2008 8:01	14.01	47.903	31.21		8.07	21.1	0.232
470	5/7/2008 8:16	14	48.711	31.8		8.07	21.5	0.318
471	5/7/2008 8:31	13.82	48.164	31.39		8.06	19.6	0.405
472	5/7/2008 8:46	13.95	48.596	31.71		8.06	16.8	0.483
473	5/7/2008 9:01	13.81	48.595	31.71		8.04	15.6	0.544
474	5/7/2008 9:16	13.85	48.389	31.56		8.05	20.6	0.612
475	5/7/2008 9:31	13.9	48.021	31.29		8.05	14.6	0.677
476	5/7/2008 9:46	13.88	48.388	31.56		8.06	14.4	0.752
477	5/7/2008 10:01	13.78	48.371	31.54		8.05	17.9	0.822
478	5/7/2008 10:16	13.93	48.124	31.37		8.06	18.7	0.922
479	5/7/2008 10:31	13.86	47.961	31.25		8.06	17.7	1.037
480	5/7/2008 10:46	14.03	47.993	31.28		8.06	20	1.149
481	5/7/2008 11:01	14.03	48.275	31.48		8.06	18.7	1.252
482	5/7/2008 11:16	13.68	48.359	31.53		8.06	16.2	1.385
483	5/7/2008 11:31	13.14	49.023	31.99		8.05	19.3	1.514
484	5/7/2008 11:46	13.15	49.61	32.42		8.07	20.8	1.631
485	5/7/2008 12:01	12.99	49.409	32.27		8.07	21.8	1.751
486	5/7/2008 12:16	12.96	48.954	31.94		8.06	16.1	1.874
487	5/7/2008 12:31	12.85	49.344	32.22		8.06	17.6	1.992
488	5/7/2008 12:46	12.76	50.02	32.7		8.06	59	2.084
489	5/7/2008 13:01	12.68	50.11	32.77		8.05	20.1	2.184
490	5/7/2008 13:16	12.55	49.455	32.29		8.06	20.7	2.272
491	5/7/2008 13:31	12.25	49.531	32.33		8.04	25.4	2.359
492	5/7/2008 13:46	11.86	49.734	32.46		8.03	22.6	2.433
493	5/7/2008 14:01	11.54	49.641	32.37		8.03	20.3	2.5
494	5/7/2008 14:16	11.37	50.121	32.71		8.02	15.4	2.563

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
495	5/7/2008 14:31	11.25	50.111	32.7		8.03	13	2.61
496	5/7/2008 14:46	11.24	49.802	32.47		8.03	16.4	2.664
497	5/7/2008 15:01	11.18	50.007	32.62		8.03	8.4	2.694
498	5/7/2008 15:16	11.17	49.868	32.52		8.03	12.8	2.707
499	5/7/2008 15:31	11.17	50.339	32.86		8.02	10.4	2.724
500	5/7/2008 15:46	11.2	50.017	32.63		8.02	7.8	2.705
501	5/7/2008 16:01	11.44	50.554	33.03		8.03	14.8	2.666
502	5/7/2008 16:16	11.78	50.547	33.04		8.05	14.2	2.603
503	5/7/2008 16:31	11.72	49.844	32.53		8.06	17.2	2.535
504	5/7/2008 16:46	11.67	50.213	32.79		8.06	13	2.457
505	5/7/2008 17:01	11.76	50.038	32.67		8.06	12.6	2.381
506	5/7/2008 17:16	12.32	49.681	32.44		8.07	17.8	2.294
507	5/7/2008 17:31	12.69	49.698	32.47		8.08	18.1	2.215
508	5/7/2008 17:46	12.9	49.833	32.57		8.09	20.9	2.142
509	5/7/2008 18:01	12.98	49.348	32.22		8.1	18.4	2.07
510	5/7/2008 18:16	13.11	49.492	32.33		8.1	17.6	1.994
511	5/7/2008 18:31	13.43	49.13	32.08		8.09	19	1.932
512	5/7/2008 18:46	13.66	48.888	31.91		8.09	20.2	1.869
513	5/7/2008 19:01	13.84	49.022	32.02		8.08	21.7	1.816
514	5/7/2008 19:16	13.99	48.652	31.75		8.08	19.8	1.769
515	5/7/2008 19:31	14.04	48.662	31.76		8.08	19	1.742
516	5/7/2008 19:46	14.16	48.536	31.67		8.07	16.4	1.739
517	5/7/2008 20:01	14.17	48.792	31.86		8.05	12.6	1.737
518	5/7/2008 20:16	14.17	48.428	31.6		8.05	14.6	1.757
519	5/7/2008 20:31	14.11	48.65	31.75		8.06	15.5	1.806
520	5/7/2008 20:46	14.11	48.505	31.65		8.06	15.4	1.851
521	5/7/2008 21:01	14.11	48.632	31.74		8.06	16.7	1.917
522	5/7/2008 21:16	13.79	48.883	31.91		8.06	18.2	1.992
523	5/7/2008 21:31	14.03	48.678	31.77		8.07	15.6	2.07
524	5/7/2008 21:46	13.8	48.815	31.87		8.06	16.7	2.156
525	5/7/2008 22:01	13.59	48.601	31.7		8.07	17.6	2.234
526	5/7/2008 22:16	13.04	49.167	32.1		8.06	15.5	2.325
527	5/7/2008 22:31	12.46	49.15	32.06		8.06	22.9	2.401
528	5/7/2008 22:46	11.95	49.636	32.39		8.05	20.7	2.484
529	5/7/2008 23:01	11.77	49.859	32.54		8.04	14	2.575
530	5/7/2008 23:16	11.57	49.803	32.49		8.04	16.5	2.658
531	5/7/2008 23:31	11.09	50.356	32.87		8.03	21.8	2.746
532	5/7/2008 23:46	10.99	50.466	32.94		8.03	19.6	2.845
533	5/8/2008 0:01	10.76	50.352	32.85		8.03	22.2	2.942
534	5/8/2008 0:16	10.52	50.562	32.98		8.02	21.4	3.024
535	5/8/2008 0:31	10.31	50.664	33.04		8.02	17.3	3.121
536	5/8/2008 0:46	9.97	50.56	32.95		8.01	15	3.212
537	5/8/2008 1:01	9.9	50.825	33.13		8	10.4	3.28
538	5/8/2008 1:16	9.85	50.463	32.87		8	7.3	3.346
539	5/8/2008 1:31	9.78	50.731	33.06		8	5.2	3.41

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
540	5/8/2008 1:46	9.77	50.838	33.13		7.99	4.6	3.44
541	5/8/2008 2:01	9.81	51.039	33.28		7.98	10.4	3.458
542	5/8/2008 2:16	9.97	50.654	33.01		7.99	8.8	3.456
543	5/8/2008 2:31	10.15	50.854	33.17		8	6.5	3.435
544	5/8/2008 2:46	10.18	50.367	32.82		8	7.4	3.38
545	5/8/2008 3:01	10.06	50.549	32.94		7.99	6.4	3.302
546	5/8/2008 3:16	10.31	51.341	33.54		8	8.7	3.226
547	5/8/2008 3:31	10.35	50.347	32.82		8	6.2	3.111
548	5/8/2008 3:46	10.52	50.711	33.09		8.01	6.7	2.99
549	5/8/2008 4:01	11.15	50.089	32.68		8.03	15.1	2.888
550	5/8/2008 4:16	11.11	49.576	32.3		8.02	12.6	2.758
551	5/8/2008 4:31	11.33	49.871	32.53		8.02	13.5	2.63
552	5/8/2008 4:46	11.26	49.859	32.52		8.02	10.1	2.496
553	5/8/2008 5:01	12.01	49.757	32.48		8.03	15.5	2.345
554	5/8/2008 5:16	10.95	50.235	32.77		8	9.8	2.196
555	5/8/2008 5:31	11.8	49.575	32.34		8.02	12.1	2.051
556	5/8/2008 5:46	12.27	49.492	32.3		8.02	13.8	1.899
557	5/8/2008 6:01	11.91	49.375	32.2		8.01	14.5	1.73
558	5/8/2008 6:16	12.37	49.456	32.28		8.02	18.6	1.556
559	5/8/2008 6:31	12.53	49.249	32.13		8.02	18.3	1.388
560	5/8/2008 6:46	12.83	49.293	32.18		8.02	18.2	1.224
561	5/8/2008 7:01	13.15	48.978	31.96		8.03	21.2	1.043
562	5/8/2008 7:16	13.19	49.277	32.18		8.03	19.2	0.852
563	5/8/2008 7:31	13.26	48.556	31.66		8.03	21.7	0.672
564	5/8/2008 7:46	13.39	49.128	32.08		8.03	22.5	0.517
565	5/8/2008 8:01	13.51	48.786	31.84		8.02	17.9	0.362
566	5/8/2008 8:16	13.51	48.617	31.71		8.02	22.9	0.281
567	5/8/2008 8:31	13.52	49.376	32.26		8.02	26.1	0.254
568	5/8/2008 8:46	13.85	48.407	31.57		8.03	13	0.243
569	5/8/2008 9:01	13.93	48.368	31.54		8.03	12.8	0.317
570	5/8/2008 9:16	13.86	48.494	31.63		8.02	16.4	0.422
571	5/8/2008 9:31	13.93	48.413	31.58		8.02	16	0.491
572	5/8/2008 9:46	13.95	48.2	31.42		8.01	15.7	0.586
573	5/8/2008 10:01	13.97	48.686	31.78		8.01	15.8	0.643
574	5/8/2008 10:16	14.02	48.492	31.64		8	14.5	0.688
575	5/8/2008 10:31	14.12	48.523	31.66		8.01	15.6	0.748
576	5/8/2008 10:46	14.03	48.262	31.47		8.02	17.7	0.815
577	5/8/2008 11:01	13.75	47.996	31.27		8.01	20.3	0.901
578	5/8/2008 11:16	13.8	48.216	31.43		8.02	23.3	0.982
579	5/8/2008 11:31	13.91	48.104	31.35		8.02	18.6	1.095
580	5/8/2008 11:46	13.91	47.709	31.07		8.03	15.4	1.207
581	5/8/2008 12:01	13.94	47.971	31.26		8.03	14.9	1.32
582	5/8/2008 12:16	13.33	48.621	31.71		8.02	12.1	1.432
583	5/8/2008 12:31	12.92	48.873	31.88		8.03	13.7	1.554
584	5/8/2008 12:46	12.86	49.393	32.25		8.04	14.6	1.681

sonde #1			Indian Island Long-Term Deployment Water Quality Data					TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	5/8/2008 13:01	12.89	49.48	32.32		8.04	12.6	1.792
586	5/8/2008 13:16	12.81	49.285	32.17		8.04	12.5	1.908
587	5/8/2008 13:31	12.81	48.956	31.93		8.04	13.7	2.01
588	5/8/2008 13:46	12.84	49.193	32.11		8.04	13.7	2.115
589	5/8/2008 14:01	12.55	49.548	32.35		8.03	17.6	2.205
590	5/8/2008 14:16	12.39	49.547	32.34		8.03	20.5	2.279
591	5/8/2008 14:31	12.13	49.844	32.55		8.03	19.7	2.363
592	5/8/2008 14:46	11.75	49.659	32.4		8.02	18.3	2.436
593	5/8/2008 15:01	11.56	49.558	32.31		8.02	15.5	2.497
594	5/8/2008 15:16	11.46	50.192	32.77		8.02	12.4	2.547
595	5/8/2008 15:31	11.34	50.233	32.79		8.02	9.6	2.606
596	5/8/2008 15:46	11.29	50.126	32.71		8.01	7.6	2.648
597	5/8/2008 16:01	11.25	50.052	32.66		8.01	5.7	2.664
598	5/8/2008 16:16	11.53	50.218	32.79		8.02	6.5	2.68
599	5/8/2008 16:31	11.27	50.287	32.83		8.01	6.1	2.683
600	5/8/2008 16:46	11.32	49.884	32.54		8.01	7.6	2.658
601	5/8/2008 17:01	11.71	49.776	32.48		8.04	8.1	2.618
602	5/8/2008 17:16	11.86	49.947	32.61		8.06	12.4	2.559
603	5/8/2008 17:31	11.86	49.769	32.48		8.06	10.4	2.513
604	5/8/2008 17:46	11.78	49.814	32.51		8.06	9.7	2.443
605	5/8/2008 18:01	11.7	49.878	32.55		8.06	8.3	2.37
606	5/8/2008 18:16	12.08	50.194	32.8		8.08	10.6	2.293
607	5/8/2008 18:31	12.34	50.298	32.89		8.09	12.3	2.222
608	5/8/2008 18:46	12.61	49.349	32.21		8.09	16.1	2.158
609	5/8/2008 19:01	12.67	49.502	32.32		8.1	16.4	2.087
610	5/8/2008 19:16	12.69	49.831	32.56		8.1	14.2	2.029
611	5/8/2008 19:31	12.7	49.161	32.08		8.1	15.2	1.96
612	5/8/2008 19:46	12.99	49.278	32.17		8.09	16.1	1.911
613	5/8/2008 20:01	13.27	49.527	32.37		8.08	15.7	1.87
614	5/8/2008 20:16	13.59	49.206	32.14		8.07	17.2	1.82
615	5/8/2008 20:31	13.73	49.131	32.09		8.06	16.9	1.812
616	5/8/2008 20:46	13.75	48.527	31.65		8.04	43.3	1.803
617	5/8/2008 21:01	13.68	49.029	32.02		8.03	33.4	1.817
618	5/8/2008 21:16	13.54	49.026	32.01		8.06	13.5	1.838
619	5/8/2008 21:31	13.63	49.097	32.06		8.05	12.3	1.864
620	5/8/2008 21:46	13.52	49.035	32.02		8.05	13.3	1.925
621	5/8/2008 22:01	13.41	49.196	32.13		8.05	14.2	1.981
622	5/8/2008 22:16	13.55	49.03	32.01		8.06	13.8	2.051
623	5/8/2008 22:31	13.58	49.101	32.07		8.06	11.8	2.122
624	5/8/2008 22:46	13.3	49.631	32.44		8.06	13.3	2.197
625	5/8/2008 23:01	13.15	49.381	32.25		8.06	12.6	2.27
626	5/8/2008 23:16	12.67	49.634	32.42		8.05	13.6	2.351
627	5/8/2008 23:31	12.05	49.882	32.57		8.03	14.7	2.423
628	5/8/2008 23:46	11.61	50.106	32.71		8.02	14.1	2.498
629	5/9/2008 0:01	11.45	50.208	32.78		8.01	10.4	2.589

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
630	5/9/2008 0:16	11.23	50.381	32.89		8	12.5	2.669
631	5/9/2008 0:31	10.77	50.768	33.15		7.98	16.2	2.755
632	5/9/2008 0:46	10.64	50.518	32.96		7.98	14.1	2.835
633	5/9/2008 1:01	10.46	50.809	33.16		7.98	15.9	2.927
634	5/9/2008 1:16	10.19	50.998	33.28		7.97	17.5	3.006
635	5/9/2008 1:31	9.99	50.958	33.23		7.96	12	3.08
636	5/9/2008 1:46	9.8	51.13	33.35		7.96	9	3.156
637	5/9/2008 2:01	9.65	50.967	33.22		7.94	6.7	3.222
638	5/9/2008 2:16	9.56	50.938	33.19		7.94	5.1	3.275
639	5/9/2008 2:31	9.53	51.422	33.54		7.93	18.8	3.308
640	5/9/2008 2:46	9.49	51.144	33.33		7.92	4	3.341
641	5/9/2008 3:01	10.01	50.584	32.97		7.95	5.3	3.36
642	5/9/2008 3:16	9.75	50.846	33.14		7.92	4.1	3.335
643	5/9/2008 3:31	9.64	51.317	33.47		7.92	5.1	3.302
644	5/9/2008 3:46	9.92	50.796	33.11		7.95	13.1	3.24
645	5/9/2008 4:01	10.09	50.771	33.11		7.95	6.4	3.172
646	5/9/2008 4:16	10.19	50.868	33.18		7.95	6.7	3.084
647	5/9/2008 4:31	10.22	50.751	33.1		7.95	9.5	2.965
648	5/9/2008 4:46	10.78	50.093	32.66		7.98	8	2.859
649	5/9/2008 5:01	10.94	50.439	32.92		7.99	9.2	2.76
650	5/9/2008 5:16	11.09	50.286	32.82		7.99	9.7	2.629
651	5/9/2008 5:31	11.43	50.027	32.65		8	12.7	2.501
652	5/9/2008 5:46	11.69	50.326	32.88		8.01	9.4	2.377
653	5/9/2008 6:01	11.5	50.463	32.97		7.99	8.2	2.258
654	5/9/2008 6:16	11.87	50.131	32.74		8.01	12.1	2.111
655	5/9/2008 6:31	12.04	49.828	32.53		8	11.8	1.977
656	5/9/2008 6:46	12.23	49.622	32.39		8.01	16.2	1.836
657	5/9/2008 7:01	12.2	49.654	32.41		8	13.9	1.664
658	5/9/2008 7:16	12.42	49.501	32.31		8	15.9	1.516
659	5/9/2008 7:31	12.75	49.2	32.11		8.01	15.3	1.374
660	5/9/2008 7:46	12.93	49.511	32.34		8.02	15	1.197
661	5/9/2008 8:01	13.02	49.568	32.39		8.02	14	1.022
662	5/9/2008 8:16	13.05	49.096	32.04		8.02	17	0.877
663	5/9/2008 8:31	13.19	49.388	32.26		8.02	15.6	0.733
664	5/9/2008 8:46	13.33	49.225	32.15		8.03	18	0.604
665	5/9/2008 9:01	13.41	49.166	32.11		8.02	21.1	0.48
666	5/9/2008 9:16	13.57	49.031	32.02		8.04	16.5	0.428
667	5/9/2008 9:31	13.47	49.09	32.05		8.02	24.9	0.413
668	5/9/2008 9:46	13.75	48.782	31.84		8.03	11	0.437
669	5/9/2008 10:01	13.8	49.011	32.01		8.04	10.8	0.51
670	5/9/2008 10:16	13.77	49.214	32.15		8.03	12	0.595
671	5/9/2008 10:31	13.73	49.141	32.1		8.03	13.6	0.655
672	5/9/2008 10:46	13.7	49.3	32.21		8.03	17.2	0.723
673	5/9/2008 11:01	13.69	48.441	31.59		8.02	15.1	0.784
674	5/9/2008 11:16	13.84	49	32		8.03	14.9	0.821

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
675	5/9/2008 11:31	13.85	48.666	31.76		8.03	15.7	0.878
676	5/9/2008 11:46	13.65	48.752	31.81		8.02	20.9	0.955
677	5/9/2008 12:01	13.56	48.517	31.64		8.02	17.3	1.031
678	5/9/2008 12:16	13.66	48.392	31.55		8.02	20.7	1.11
679	5/9/2008 12:31	13.89	48.6	31.71		8.03	17.5	1.217
680	5/9/2008 12:46	13.37	48.866	31.89		8.01	17.4	1.32
681	5/9/2008 13:01	13.21	49.343	32.23		8.01	14.8	1.429
682	5/9/2008 13:16	12.91	49.024	31.99		8.01	11.7	1.542
683	5/9/2008 13:31	12.81	49.388	32.25		8.03	12.8	1.65
684	5/9/2008 13:46	12.77	49.898	32.62		8.03	11.2	1.764
685	5/9/2008 14:01	12.78	49.234	32.13		8.03	10.9	1.883
686	5/9/2008 14:16	12.63	49.771	32.52		8.03	10.9	1.979
687	5/9/2008 14:31	12.57	49.89	32.6		8.02	10.8	2.071
688	5/9/2008 14:46	12.53	50.061	32.72		8.02	12.4	2.171
689	5/9/2008 15:01	12.34	49.908	32.61		8.02	13.8	2.251
690	5/9/2008 15:16	12.2	50.025	32.68		8.01	13.8	2.319
691	5/9/2008 15:31	12.05	49.621	32.38		8.01	12.6	2.395
692	5/9/2008 15:46	11.58	49.778	32.47		7.99	14	2.471
693	5/9/2008 16:01	11.27	50.442	32.94		7.98	11.7	2.521
694	5/9/2008 16:16	11.2	50.346	32.87		7.98	10.3	2.578
695	5/9/2008 16:31	11.16	50.126	32.7		7.97	8.6	2.63
696	5/9/2008 16:46	11.16	50.376	32.89		7.98	24.5	2.666
697	5/9/2008 17:01	11.12	50.676	33.1		7.98	12.1	2.693
698	5/9/2008 17:16	11.45	50.193	32.77		7.99	8.8	2.699
699	5/9/2008 17:31	11.17	50.713	33.13		7.97	5.4	2.702
700	5/9/2008 17:46	11.16	50.667	33.1		7.97	6	2.67
701	5/9/2008 18:01	11.29	50.594	33.05		7.98	6.7	2.63
702	5/9/2008 18:16	12.23	49.926	32.61		8.07	12	2.577
703	5/9/2008 18:31	12.4	50.012	32.68		8.07	10	2.511
704	5/9/2008 18:46	12.36	50.309	32.9		8.08	8.3	2.439
705	5/9/2008 19:01	12.29	50.018	32.68		8.08	7.3	2.377
706	5/9/2008 19:16	12.27	50.023	32.69		8.08	7.9	2.3
707	5/9/2008 19:31	12.5	50.122	32.77		8.08	7.7	2.237
708	5/9/2008 19:46	12.53	49.964	32.65		8.1	7.7	2.171
709	5/9/2008 20:01	12.84	49.866	32.6		8.1	7.6	2.114
710	5/9/2008 20:16	12.92	50.022	32.71		8.1	7.9	2.053
711	5/9/2008 20:31	12.9	49.568	32.38		8.11	8.1	1.995
712	5/9/2008 20:46	13.11	49.876	32.61		8.1	7.8	1.943
713	5/9/2008 21:01	13.15	49.715	32.5		8.09	8.4	1.909
714	5/9/2008 21:16	13.42	49.662	32.47		8.08	8	1.883
715	5/9/2008 21:31	13.53	49.343	32.24		8.07	6.8	1.852
716	5/9/2008 21:46	13.63	49.239	32.17		8.05	5.2	1.867
717	5/9/2008 22:01	13.52	49.582	32.41		8.06	5.7	1.864
718	5/9/2008 22:16	13.4	49.914	32.65		8.08	7.2	1.886
719	5/9/2008 22:31	13.38	49.665	32.47		8.07	7.1	1.923

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
720	5/9/2008 22:46	13.38	49.573	32.4		8.07	20.5	1.963
721	5/9/2008 23:01	13.28	49.663	32.47		8.07	7.4	2.025
722	5/9/2008 23:16	13.5	49.422	32.3		8.07	8.7	2.078
723	5/9/2008 23:31	13.51	49.488	32.35		8.07	7.3	2.145
724	5/9/2008 23:46	13.15	49.671	32.47		8.06	7.5	2.213
725	5/10/2008 0:01	12.77	49.857	32.59		8.04	7.3	2.277
726	5/10/2008 0:16	12.49	49.966	32.65		8.03	6.5	2.339
727	5/10/2008 0:31	12.03	49.833	32.54		8.01	7	2.405
728	5/10/2008 0:46	11.76	50.036	32.67		8	7.2	2.475
729	5/10/2008 1:01	11.47	50.36	32.89		7.99	6.6	2.546
730	5/10/2008 1:16	11.25	50.276	32.82		7.99	6	2.614
731	5/10/2008 1:31	11.18	50.626	33.07		7.98	6.2	2.688
732	5/10/2008 1:46	10.9	50.807	33.18		7.97	6.9	2.758
733	5/10/2008 2:01	10.57	50.488	32.93		7.96	7.3	2.825
734	5/10/2008 2:16	10.41	51.025	33.31		7.95	6.7	2.896
735	5/10/2008 2:31	10.21	50.737	33.09		7.95	7.2	2.96
736	5/10/2008 2:46	10.12	50.731	33.08		7.95	5.6	3.022
737	5/10/2008 3:01	10.03	50.372	32.81		7.94	5.1	3.074
738	5/10/2008 3:16	9.89	50.81	33.12		7.94	4	3.124
739	5/10/2008 3:31	9.8	50.764	33.08		7.93	3.5	3.156
740	5/10/2008 3:46	9.79	51.28	33.45		7.91	42.9	3.172
741	5/10/2008 4:01	10.08	50.928	33.22		7.93	16.7	3.185
742	5/10/2008 4:16	9.7	50.842	33.13		7.91	3.1	3.165
743	5/10/2008 4:31	9.71	51.091	33.31		7.91	3.2	3.123
744	5/10/2008 4:46	10.08	51.11	33.35		7.94	6.7	3.069
745	5/10/2008 5:01	10.74	50.755	33.14		7.96	6.1	3
746	5/10/2008 5:16	10.98	50.439	32.92		7.97	5.8	2.905
747	5/10/2008 5:31	10.86	50.549	32.99		7.95	6.3	2.811
748	5/10/2008 5:46	11.06	50.544	33		7.97	6.8	2.723
749	5/10/2008 6:01	11.07	50.628	33.06		7.97	11.9	2.617
750	5/10/2008 6:16	11.22	50.338	32.86		7.97	7.9	2.503
751	5/10/2008 6:31	11.4	50.442	32.95		7.98	5.7	2.387
752	5/10/2008 6:46	11.63	50.041	32.67		7.98	11.8	2.276
753	5/10/2008 7:01	11.9	50.216	32.81		8	11.2	2.149
754	5/10/2008 7:16	11.45	50.218	32.79		7.98	11.9	2.029
755	5/10/2008 7:31	12.07	49.93	32.61		8.01	9.5	1.895
756	5/10/2008 7:46	12.19	50.162	32.78		8.02	9.4	1.773
757	5/10/2008 8:01	12.64	49.36	32.22		8.03	9.4	1.632
758	5/10/2008 8:16	12.61	49.703	32.47		8.04	8.5	1.494
759	5/10/2008 8:31	12.79	49.695	32.47		8.05	9.3	1.339
760	5/10/2008 8:46	13.02	49.814	32.56		8.05	8.7	1.202
761	5/10/2008 9:01	13.18	49.345	32.23		8.05	9.3	1.075
762	5/10/2008 9:16	13.35	49.202	32.13		8.05	9.8	0.948
763	5/10/2008 9:31	13.53	49.082	32.05		8.06	9.7	0.821
764	5/10/2008 9:46	13.75	49.162	32.12		8.07	12.1	0.724

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	5/10/2008 10:01	13.87	49.432	32.32		8.07	11.7	0.664
766	5/10/2008 10:16	13.96	48.814	31.87		8.07	8.3	0.619
767	5/10/2008 10:31	13.85	49.272	32.2		8.06	10.2	0.616
768	5/10/2008 10:46	13.89	49.128	32.1		8.06	11	0.649
769	5/10/2008 11:01	13.92	49.419	32.31		8.07	13.2	0.693
770	5/10/2008 11:16	13.78	49.03	32.02		8.06	13.4	0.747
771	5/10/2008 11:31	13.92	49.272	32.2		8.07	12.9	0.802
772	5/10/2008 11:46	13.94	49.058	32.05		8.06	12.9	0.856
773	5/10/2008 12:01	14.13	49.161	32.13		8.07	12.8	0.914
774	5/10/2008 12:16	14.05	48.477	31.63		8.06	14	0.964
775	5/10/2008 12:31	13.96	48.925	31.95		8.06	13.3	1.017
776	5/10/2008 12:46	13.79	48.529	31.66		8.05	12.3	1.083
777	5/10/2008 13:01	13.8	48.683	31.77		8.05	13.7	1.171
778	5/10/2008 13:16	14.02	48.61	31.72		8.06	13.6	1.251
779	5/10/2008 13:31	13.63	48.815	31.86		8.04	13.9	1.33
780	5/10/2008 13:46	13.53	48.871	31.9		8.04	14	1.431
781	5/10/2008 14:01	13.46	48.753	31.81		8.04	12.3	1.537
782	5/10/2008 14:16	12.98	49.323	32.21		8.02	9.8	1.638
783	5/10/2008 14:31	12.8	49.611	32.41		8.03	7.4	1.729
784	5/10/2008 14:46	12.77	49.389	32.25		8.04	7.3	1.832
785	5/10/2008 15:01	12.69	49.485	32.31		8.04	7.7	1.933
786	5/10/2008 15:16	12.48	50.046	32.71		8.03	8.1	2.019
787	5/10/2008 15:31	12.45	50.041	32.71		8.03	7.4	2.103
788	5/10/2008 15:46	12.4	50.093	32.74		8.02	8	2.188
789	5/10/2008 16:01	12.22	49.834	32.55		8.01	7.8	2.266
790	5/10/2008 16:16	12.06	49.727	32.46		8.01	10.6	2.338
791	5/10/2008 16:31	11.92	50.276	32.85		8.02	9.3	2.405
792	5/10/2008 16:46	11.76	50.453	32.97		8.01	8.2	2.475
793	5/10/2008 17:01	11.28	50.533	33.01		7.99	7.8	2.542
794	5/10/2008 17:16	10.97	50.556	33.01		7.98	6.4	2.594
795	5/10/2008 17:31	10.9	50.948	33.29		7.98	5.4	2.645
796	5/10/2008 17:46	10.89	50.862	33.22		7.99	4.8	2.689
797	5/10/2008 18:01	10.86	50.444	32.92		7.99	4.3	2.708
798	5/10/2008 18:16	11.33	50.478	32.97		8.01	4.8	2.716
799	5/10/2008 18:31	11	50.618	33.05		7.98	3.7	2.717
800	5/10/2008 18:46	10.88	50.81	33.18		7.98	3.8	2.698
801	5/10/2008 19:01	10.92	50.607	33.04		7.98	5.1	2.648
802	5/10/2008 19:16	11.68	50.147	32.75		8.03	5.8	2.593
803	5/10/2008 19:31	12.01	50.159	32.77		8.04	7.1	2.538
804	5/10/2008 19:46	12.24	49.867	32.57		8.04	7	2.476
805	5/10/2008 20:01	12.3	50.042	32.7		8.04	6.1	2.394
806	5/10/2008 20:16	12.36	49.914	32.61		8.04	7.7	2.325
807	5/10/2008 20:31	12.54	49.712	32.47		8.03	5.9	2.267
808	5/10/2008 20:46	12.7	49.877	32.6		8.03	5.1	2.204
809	5/10/2008 21:01	12.84	49.771	32.53		8.04	5.8	2.134

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2
			SpCond	Salinity	DO Conc	Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	NTU	meters
810	5/10/2008 21:16	12.87	49.969	32.67		6.2	2.082
811	5/10/2008 21:31	12.78	49.7	32.47	8.04	5.1	2.032
812	5/10/2008 21:46	12.9	50.038	32.72	8.05	6.2	1.982
813	5/10/2008 22:01	12.86	50.077	32.75	8.05	6.4	1.933
814	5/10/2008 22:16	13.04	49.833	32.58	8.05	5.2	1.902
815	5/10/2008 22:31	13.23	49.48	32.33	8.05	5.1	1.888
816	5/10/2008 22:46	13.18	49.453	32.31	8.04	5.1	1.854
817	5/10/2008 23:01	13.24	49.76	32.53	8.02	3.8	1.867
818	5/10/2008 23:16	13.23	49.51	32.35	8.02	4.2	1.87
819	5/10/2008 23:31	13.2	48.99	31.97	8.05	4.5	1.877
820	5/10/2008 23:46	13.14	49.546	32.37	8.05	5	1.911
821	5/11/2008 0:01	13.19	49.694	32.48	8.05	4.6	1.948
822	5/11/2008 0:16	13.13	49.707	32.49	8.05	5	1.994
823	5/11/2008 0:31	12.99	49.48	32.32	8.04	5.6	2.05
824	5/11/2008 0:46	12.85	49.451	32.29	8.04	5.1	2.102
825	5/11/2008 1:01	12.89	49.303	32.19	8.04	5	2.167
826	5/11/2008 1:16	12.81	49.605	32.4	8.04	5.2	2.223
827	5/11/2008 1:31	12.72	49.81	32.55	8.03	4.7	2.274
828	5/11/2008 1:46	12.43	50.124	32.77	8.02	5.1	2.333
829	5/11/2008 2:01	12.13	50.144	32.77	8.01	5.4	2.387
830	5/11/2008 2:16	12.04	50.063	32.7	8.01	4.9	2.45
831	5/11/2008 2:31	11.65	50.423	32.95	8	5.4	2.503
832	5/11/2008 2:46	11.42	50.179	32.76	8	4.6	2.567
833	5/11/2008 3:01	11.24	50.539	33.01	7.99	4.8	2.632
834	5/11/2008 3:16	11.15	50.243	32.79	7.99	6.6	2.689
835	5/11/2008 3:31	11.03	50.705	33.12	7.98	4.2	2.751
836	5/11/2008 3:46	10.82	50.67	33.08	7.98	4.3	2.805
837	5/11/2008 4:01	10.61	50.732	33.11	7.97	4.8	2.867
838	5/11/2008 4:16	10.49	50.848	33.19	7.96	3.9	2.908
839	5/11/2008 4:31	10.47	50.835	33.18	7.96	3.1	2.939
840	5/11/2008 4:46	10.46	50.817	33.16	7.95	2.6	2.973
841	5/11/2008 5:01	10.57	50.723	33.1	7.96	3.3	2.969
842	5/11/2008 5:16	10.45	50.667	33.05	7.95	3.7	2.96
843	5/11/2008 5:31	10.52	50.891	33.22	7.95	3.5	2.934
844	5/11/2008 5:46	10.69	50.774	33.15	7.97	6.7	2.88
845	5/11/2008 6:01	10.74	50.367	32.85	7.98	7	2.826
846	5/11/2008 6:16	10.81	50.686	33.09	7.98	7.6	2.756
847	5/11/2008 6:31	10.8	50.672	33.08	7.98	7.3	2.663
848	5/11/2008 6:46	10.82	50.55	32.99	7.98	6.7	2.588
849	5/11/2008 7:01	10.82	50.578	33.01	7.98	6.8	2.499
850	5/11/2008 7:16	11.1	50.594	33.04	8	8.1	2.405
851	5/11/2008 7:31	11.12	50.44	32.93	8	8.6	2.307
852	5/11/2008 7:46	11.39	50.513	33	8.02	7.6	2.208
853	5/11/2008 8:01	11.85	50.398	32.94	8.04	10.9	2.094
854	5/11/2008 8:16	11.69	50.216	32.8	8.05	8.5	1.995

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	5/11/2008 8:31	12.14	49.984	32.65		8.06	11.4	1.877
856	5/11/2008 8:46	12.36	50.148	32.78		8.07	11.9	1.752
857	5/11/2008 9:01	12.45	49.886	32.59		8.07	11.3	1.64
858	5/11/2008 9:16	12.49	50.105	32.76		8.08	10.9	1.51
859	5/11/2008 9:31	12.58	49.794	32.53		8.09	10.4	1.385
860	5/11/2008 9:46	12.65	49.478	32.31		8.09	9.7	1.278
861	5/11/2008 10:01	12.74	49.593	32.39		8.08	11	1.17
862	5/11/2008 10:16	12.84	49.706	32.48		8.06	8.8	1.047
863	5/11/2008 10:31	12.91	49.916	32.63		8.05	12.3	0.979
864	5/11/2008 10:46	12.97	49.847	32.59		8.05	21.4	0.9
865	5/11/2008 11:01	13.04	50.385	32.98		8.06	23.1	0.846
866	5/11/2008 11:16	13.1	49.991	32.7		8.06	13.7	0.806
867	5/11/2008 11:31	13.18	49.716	32.5		8.04	5.7	0.791
868	5/11/2008 11:46	13.35	49.787	32.56		8.07	12.6	0.815
869	5/11/2008 12:01	13.44	49.688	32.49		8.07	7.5	0.822
870	5/11/2008 12:16	13.53	49.547	32.39		8.07	20.9	0.871
871	5/11/2008 12:31	13.55	49.451	32.32		8.06	28.7	0.915
872	5/11/2008 12:46	13.5	49.13	32.08		8.06	10.1	0.967
873	5/11/2008 13:01	13.36	49.599	32.42		8.05	10.1	1.014
874	5/11/2008 13:16	13.3	49.813	32.57		8.06	13.1	1.07
875	5/11/2008 13:31	13.36	49.353	32.24		8.06	9.3	1.132
876	5/11/2008 13:46	13.47	49.51	32.36		8.06	11.9	1.199
877	5/11/2008 14:01	13.72	49.469	32.34		8.07	12.2	1.277
878	5/11/2008 14:16	13.98	49.133	32.1		8.08	14.7	1.358
879	5/11/2008 14:31	13.91	49.325	32.24		8.08	13.1	1.443
880	5/11/2008 14:46	13.88	49.026	32.02		8.07	12.7	1.544
881	5/11/2008 15:01	13.31	49.34	32.23		8.05	13.2	1.632
882	5/11/2008 15:16	13.1	49.642	32.44		8.05	11	1.714
883	5/11/2008 15:31	12.74	49.706	32.47		8.04	8.6	1.815
884	5/11/2008 15:46	12.73	49.944	32.65		8.04	7.9	1.91
885	5/11/2008 16:01	12.72	49.963	32.66		8.04	8	1.983
886	5/11/2008 16:16	12.6	49.832	32.56		8.04	7.6	2.076
887	5/11/2008 16:31	12.51	50.161	32.8		8.03	7.7	2.164
888	5/11/2008 16:46	12.43	49.724	32.48		8.03	8.4	2.235
889	5/11/2008 17:01	12.28	50.199	32.81		8.02	8.1	2.316
890	5/11/2008 17:16	12.2	50.152	32.78		8.01	8.1	2.385
891	5/11/2008 17:31	12.13	50.184	32.8		8.02	8.8	2.454
892	5/11/2008 17:46	12.04	50.387	32.94		8.02	10.6	2.507
893	5/11/2008 18:01	11.81	50.015	32.66		8.02	7	2.57
894	5/11/2008 18:16	11.61	50.344	32.89		8.01	5.6	2.622
895	5/11/2008 18:31	11.34	50.542	33.02		8.01	5.7	2.652
896	5/11/2008 18:46	11.3	50.498	32.98		8	4.6	2.694
897	5/11/2008 19:01	11.55	50.11	32.71		8.01	4.6	2.713
898	5/11/2008 19:16	11.75	50.549	33.04		8.03	9.3	2.729
899	5/11/2008 19:31	11.28	50.59	33.05		8	3.7	2.725

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
900	5/11/2008 19:46	11.3	50.584	33.04		8	4	2.698
901	5/11/2008 20:01	11.59	50.018	32.65		8.03	9.1	2.657
902	5/11/2008 20:16	11.54	50.252	32.82		8.05	11.2	2.613
903	5/11/2008 20:31	11.46	50.664	33.11		8.04	11.2	2.552
904	5/11/2008 20:46	11.46	49.897	32.55		8.04	9.8	2.479
905	5/11/2008 21:01	11.5	50.421	32.94		8.03	7.8	2.42
906	5/11/2008 21:16	11.69	50.528	33.02		8.03	8.8	2.344
907	5/11/2008 21:31	11.62	50.171	32.76		8.03	8.7	2.283
908	5/11/2008 21:46	12.01	50.272	32.85		8.03	9.1	2.212
909	5/11/2008 22:01	12.03	50.298	32.87		8.03	10.6	2.152
910	5/11/2008 22:16	12.44	49.995	32.67		8.05	10.9	2.094
911	5/11/2008 22:31	12.35	49.821	32.54		8.04	13.9	2.026
912	5/11/2008 22:46	12.41	49.679	32.44		8.04	10.8	1.974
913	5/11/2008 23:01	12.72	49.761	32.51		8.04	11.5	1.92
914	5/11/2008 23:16	12.91	49.998	32.69		8.04	31.5	1.864
915	5/11/2008 23:31	12.9	49.562	32.38		8.04	10.3	1.819
916	5/11/2008 23:46	13.02	49.516	32.35		8.04	8.7	1.792
917	5/12/2008 0:01	13.18	49.635	32.44		8.04	9.6	1.774
918	5/12/2008 0:16	13.24	49.075	32.04		8.03	6.3	1.773
919	5/12/2008 0:31	13.24	49.569	32.39		7.98	5.5	1.765
920	5/12/2008 0:46	13.25	49.833	32.59		8.02	7.1	1.777
921	5/12/2008 1:01	13.2	49.398	32.27		8.04	9.3	1.809
922	5/12/2008 1:16	13.11	49.641	32.44		8.04	9.2	1.849
923	5/12/2008 1:31	13.07	49.773	32.54		8.04	9.6	1.886
924	5/12/2008 1:46	13.06	49.51	32.35		8.04	8.7	1.93
925	5/12/2008 2:01	13.16	49.705	32.49		8.05	10.1	1.989
926	5/12/2008 2:16	13.17	49.42	32.28		8.05	10.6	2.044
927	5/12/2008 2:31	13.03	49.753	32.52		8.04	10	2.095
928	5/12/2008 2:46	12.9	49.928	32.64		8.03	9.2	2.152
929	5/12/2008 3:01	12.56	49.879	32.59		8.02	8.1	2.214
930	5/12/2008 3:16	12.46	49.68	32.44		8.02	6.5	2.26
931	5/12/2008 3:31	12.19	50.07	32.72		8.01	5.9	2.309
932	5/12/2008 3:46	11.99	50.171	32.78		8.01	5.9	2.366
933	5/12/2008 4:01	11.79	50.007	32.65		8.01	5.5	2.426
934	5/12/2008 4:16	11.62	50.148	32.74		8.01	5.3	2.477
935	5/12/2008 4:31	11.52	50.31	32.86		8.01	4.8	2.521
936	5/12/2008 4:46	11.43	50.587	33.05		8.01	5.1	2.571
937	5/12/2008 5:01	11.31	50.659	33.1		8.01	4.5	2.627
938	5/12/2008 5:16	11.19	50.206	32.76		8	4.2	2.659
939	5/12/2008 5:31	10.99	50.474	32.95		8	4.2	2.704
940	5/12/2008 5:46	10.89	50.369	32.86		8	3.5	2.725
941	5/12/2008 6:01	10.82	50.726	33.12		7.98	3.4	2.747
942	5/12/2008 6:16	11.1	50.16	32.73		7.96	2.4	2.754
943	5/12/2008 6:31	10.93	50.331	32.84		7.99	3.8	2.733
944	5/12/2008 6:46	10.82	50.77	33.15		7.98	3.2	2.718

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
945	5/12/2008 7:01	10.86	50.734	33.13		7.98	9.6	2.685
946	5/12/2008 7:16	11.72	50.214	32.8		7.98	7.3	2.633
947	5/12/2008 7:31	11.82	49.612	32.37		7.96	9.2	2.572
948	5/12/2008 7:46	11.66	50.354	32.9		7.98	12.5	2.5
949	5/12/2008 8:01	11.82	49.882	32.56		8	7.5	2.424
950	5/12/2008 8:16	11.93	50.227	32.82		8.01	8.9	2.343
951	5/12/2008 8:31	12.05	50.789	33.23		8.03	14.8	2.256
952	5/12/2008 8:46	12.2	49.766	32.5		8.06	7.8	2.179
953	5/12/2008 9:01	12.36	50.26	32.86		8.06	10.6	2.085
954	5/12/2008 9:16	12.5	49.797	32.53		8.06	7.3	1.983
955	5/12/2008 9:31	12.66	49.996	32.68		8.06	12.3	1.884
956	5/12/2008 9:46	12.77	49.65	32.44		8.08	7.3	1.783
957	5/12/2008 10:01	12.83	49.745	32.51		8.08	13.5	1.687
958	5/12/2008 10:16	12.94	49.932	32.65		8.07	8.2	1.57
959	5/12/2008 10:31	12.95	49.553	32.37		8.04	7.4	1.473
960	5/12/2008 10:46	13.06	49.751	32.52		8.05	9.8	1.386
961	5/12/2008 11:01	13.23	49.255	32.17		8.06	5.9	1.283
962	5/12/2008 11:16	13.2	50.081	32.77		8.04	8.3	1.21
963	5/12/2008 11:31	13.22	49.893	32.63		8.03	5	1.133
964	5/12/2008 11:46	13.34	49.445	32.31		8.03	4.5	1.059
965	5/12/2008 12:01	13.37	49.719	32.51		8.01	3.5	1.013
966	5/12/2008 12:16	13.5	49.897	32.64		8.03	4.3	0.979
967	5/12/2008 12:31	13.69	49.48	32.35		8	1.9	0.945
968	5/12/2008 12:46	13.83	49.606	32.44		8.07	8.8	0.97
969	5/12/2008 13:01	13.54	49.695	32.5		8.06	7	0.974
970	5/12/2008 13:16	13.69	49.497	32.36		8.07	10.6	1.014
971	5/12/2008 13:31	13.63	49.279	32.2		8.06	9.8	1.048
972	5/12/2008 13:46	13.62	49.146	32.1		8.05	12.5	1.102
973	5/12/2008 14:01	13.51	49.325	32.23		8.05	12.3	1.18
974	5/12/2008 14:16	13.42	49.574	32.4		8.05	10.6	1.216
975	5/12/2008 14:31	13.79	49.396	32.29		8.06	11.7	1.269
976	5/12/2008 14:46	13.66	49.04	32.02		8.05	11.7	1.365
977	5/12/2008 15:01	13.53	49.308	32.22		8.05	12	1.434
978	5/12/2008 15:16	13.56	49.199	32.14		8.05	11	1.503
979	5/12/2008 15:31	13.42	49.485	32.34		8.04	10.4	1.587
980	5/12/2008 15:46	13.27	49.492	32.34		8.04	9.6	1.666
981	5/12/2008 16:01	13.04	49.663	32.46		8.03	9.8	1.76
982	5/12/2008 16:16	12.92	50.027	32.72		8.04	8.3	1.837
983	5/12/2008 16:31	12.79	49.401	32.26		8.05	7.9	1.933
984	5/12/2008 16:46	12.7	49.381	32.24		8.06	12.9	2.025
985	5/12/2008 17:01	12.7	49.285	32.17		8.06	6.4	2.105
986	5/12/2008 17:16	12.63	49.727	32.49		8.06	6.7	2.182
987	5/12/2008 17:31	12.48	49.503	32.32		8.05	6.7	2.262
988	5/12/2008 17:46	12.5	50.001	32.68		8.06	6.3	2.333
989	5/12/2008 18:01	12.24	49.999	32.67		8.04	7.8	2.403

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
990	5/12/2008 18:16	12.18	49.657	32.42		8.06	7.5	2.478
991	5/12/2008 18:31	12.07	49.696	32.44		8.08	7.3	2.542
992	5/12/2008 18:46	11.95	49.995	32.65		8.09	5.2	2.598
993	5/12/2008 19:01	11.76	49.906	32.58		8.1	5.4	2.654
994	5/12/2008 19:16	11.5	50.297	32.85		8.1	5.3	2.707
995	5/12/2008 19:31	11.35	50.001	32.62		8.12	4.3	2.745
996	5/12/2008 19:46	11.3	50.429	32.93		8.12	3.4	2.777
997	5/12/2008 20:01	11.27	50.364	32.88		8.1	2.7	2.795
998	5/12/2008 20:16	11.4	50.148	32.73		8.11	2.9	2.797
999	5/12/2008 20:31	11.24	50.609	33.06		8.11	2.8	2.785
1000	5/12/2008 20:46	11.3	50.661	33.1		8.1	3.4	2.745
1001	5/12/2008 21:01	11.49	50.687	33.13		8.11	6.7	2.702
1002	5/12/2008 21:16	11.38	50.64	33.09		8.1	7.4	2.648
1003	5/12/2008 21:31	11.39	50.527	33.01		8.11	10	2.576
1004	5/12/2008 21:46	11.49	50.269	32.83		8.1	7.1	2.501
1005	5/12/2008 22:01	11.55	49.771	32.47		8.09	6.7	2.444
1006	5/12/2008 22:16	11.58	50.465	32.97		8.08	21.4	2.362
1007	5/12/2008 22:31	11.63	50.327	32.88		8.08	13.4	2.287
1008	5/12/2008 22:46	11.86	50.052	32.69		8.08	7.8	2.222
1009	5/12/2008 23:01	11.97	50.264	32.85		8.07	7.2	2.145
1010	5/12/2008 23:16	12.09	50.035	32.69		8.07	7.1	2.068
1011	5/12/2008 23:31	12.31	50.137	32.77		8.07	9.1	2.004
1012	5/12/2008 23:46	12.41	49.684	32.45		8.07	9.6	1.93
1013	5/13/2008 0:01	12.39	50.019	32.69		8.06	7.3	1.861
1014	5/13/2008 0:16	12.64	50.008	32.69		8.06	8.4	1.8
1015	5/13/2008 0:31	12.85	49.551	32.37		8.07	9.3	1.739
1016	5/13/2008 0:46	13.15	49.221	32.14		8.06	8.8	1.7
1017	5/13/2008 1:01	13.41	49.339	32.23		8.06	52.2	1.655
1018	5/13/2008 1:16	13.5	49.546	32.39		8.06	12.5	1.62
1019	5/13/2008 1:31	13.63	49.433	32.31		8.06	7.9	1.609
1020	5/13/2008 1:46	13.62	49.34	32.24		8.04	4.4	1.607
1021	5/13/2008 2:01	13.55	49.624	32.45		8.07	7.4	1.615
1022	5/13/2008 2:16	13.46	49.709	32.5		8.07	8.2	1.633
1023	5/13/2008 2:31	13.34	49.68	32.48		8.06	11	1.681
1024	5/13/2008 2:46	13.32	49.649	32.46		8.07	10.6	1.727
1025	5/13/2008 3:01	13.17	49.756	32.53		8.06	10.1	1.773
1026	5/13/2008 3:16	13.26	49.502	32.35		8.07	9.5	1.829
1027	5/13/2008 3:31	13.28	49.425	32.29		8.08	9.1	1.89
1028	5/13/2008 3:46	13.09	49.787	32.55		8.06	8.1	1.954
1029	5/13/2008 4:01	12.95	49.688	32.47		8.06	7.1	2.004
1030	5/13/2008 4:16	12.81	50.073	32.75		8.06	6.5	2.056
1031	5/13/2008 4:31	12.6	49.775	32.52		8.06	6.2	2.128
1032	5/13/2008 4:46	12.42	50.174	32.8		8.06	5.4	2.174
1033	5/13/2008 5:01	12.27	50.204	32.82		8.06	5	2.231
1034	5/13/2008 5:16	12.17	50.039	32.69		8.06	4.6	2.28

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1035	5/13/2008 5:31	12.03	50.076	32.71		8.07	7	2.332
1036	5/13/2008 5:46	11.97	50.192	32.79		8.07	4.6	2.373
1037	5/13/2008 6:01	11.91	50.308	32.88		8.07	4.9	2.418
1038	5/13/2008 6:16	11.87	50.259	32.84		8.07	4.4	2.464
1039	5/13/2008 6:31	11.79	50.257	32.83		8.07	3.8	2.508
1040	5/13/2008 6:46	11.65	50.647	33.11		8.07	3.5	2.544
1041	5/13/2008 7:01	11.46	50.326	32.87		8.07	3.4	2.58
1042	5/13/2008 7:16	11.38	50.371	32.89		8.06	3.1	2.611
1043	5/13/2008 7:31	11.35	50.463	32.96		8.01	1.8	2.616
1044	5/13/2008 7:46	11.42	50.334	32.87		8.05	13.4	2.615
1045	5/13/2008 8:01	11.39	50.668	33.11		8.05	2.4	2.609
1046	5/13/2008 8:16	11.25	50.435	32.93		8.06	13.6	2.577
1047	5/13/2008 8:31	11.76	50.528	33.03		8.05	14.3	2.525
1048	5/13/2008 8:46	12.24	49.916	32.61		8.09	4.5	2.47
1049	5/13/2008 9:01	12.05	49.945	32.62		8.08	4.8	2.41
1050	5/13/2008 9:16	12.21	49.989	32.66		8.09	14.3	2.326
1051	5/13/2008 9:31	12.39	50.008	32.68		8.08	4.8	2.251
1052	5/13/2008 9:46	12.53	49.955	32.65		8.1	10.5	2.171
1053	5/13/2008 10:01	12.74	49.965	32.66		8.11	4.6	2.089
1054	5/13/2008 10:16	12.93	49.843	32.58		8.12	5.2	2.003
1055	5/13/2008 10:31	13.09	49.994	32.7		8.12	6.3	1.92
1056	5/13/2008 10:46	13.21	50.106	32.79		8.12	4.5	1.831
1057	5/13/2008 11:01	13.24	49.744	32.52		8.12	4.6	1.751
1058	5/13/2008 11:16	13.39	49.879	32.63		8.13	4.5	1.661
1059	5/13/2008 11:31	13.5	50.042	32.75		8.14	4.6	1.566
1060	5/13/2008 11:46	13.68	49.408	32.29		8.13	4.5	1.479
1061	5/13/2008 12:01	13.8	49.476	32.35		8.12	5	1.404
1062	5/13/2008 12:16	13.81	49.487	32.35		8.13	4.2	1.337
1063	5/13/2008 12:31	14.05	49.509	32.38		8.13	5.6	1.26
1064	5/13/2008 12:46	14.15	49.538	32.4		8.14	8.5	1.203
1065	5/13/2008 13:01	14.22	49.533	32.4		8.13	5.9	1.178
1066	5/13/2008 13:16	14.32	49.442	32.34		8.11	3.3	1.149
1067	5/13/2008 13:31	14.51	49.361	32.28		8.11	4	1.129
1068	5/13/2008 13:46	14.26	49.733	32.55		8.1	7.3	1.147
1069	5/13/2008 14:01	14.16	49.437	32.33		8.14	16.3	1.164
1070	5/13/2008 14:16	14.16	49.377	32.29		8.14	11.3	1.188
1071	5/13/2008 14:31	14.37	49.558	32.42		8.14	10.4	1.227
1072	5/13/2008 14:46	14.18	49.482	32.36		8.13	10.7	1.278
1073	5/13/2008 15:01	14.14	49.466	32.35		8.13	11.4	1.331
1074	5/13/2008 15:16	14.01	49.62	32.46		8.13	11.6	1.405
1075	5/13/2008 15:31	14.62	49.073	32.08		8.13	9.3	1.465
1076	5/13/2008 15:46	14.53	49.275	32.22		8.13	9.8	1.529
1077	5/13/2008 16:01	14.54	49.362	32.29		8.13	9.2	1.607
1078	5/13/2008 16:16	14.28	49.21	32.17		8.13	10.3	1.681
1079	5/13/2008 16:31	13.84	49.317	32.23		8.12	9.5	1.766

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc			
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	Turbidity+ NTU	Depth meters
1080	5/13/2008 16:46	13.49	49.581	32.41		8.11	8.1	1.838
1081	5/13/2008 17:01	13.39	49.543	32.38		8.12	7.4	1.924
1082	5/13/2008 17:16	13.11	49.567	32.39		8.12	7.5	2.019
1083	5/13/2008 17:31	12.91	49.406	32.26		8.13	6	2.1
1084	5/13/2008 17:46	12.86	49.568	32.38		8.15	14.8	2.174
1085	5/13/2008 18:01	12.77	49.647	32.43		8.15	8.2	2.258
1086	5/13/2008 18:16	12.68	50.044	32.72		8.15	7	2.339
1087	5/13/2008 18:31	12.63	49.706	32.47		8.15	6.2	2.402
1088	5/13/2008 18:46	12.66	50.159	32.8		8.17	7.1	2.486
1089	5/13/2008 19:01	12.35	50.241	32.85		8.18	7.6	2.557
1090	5/13/2008 19:16	12.16	50.027	32.68		8.2	10.5	2.619
1091	5/13/2008 19:31	12.01	50.116	32.74		8.23	7.9	2.698
1092	5/13/2008 19:46	11.76	50.038	32.67		8.22	9	2.754
1093	5/13/2008 20:01	11.53	50.305	32.85		8.22	4.5	2.802
1094	5/13/2008 20:16	11.27	50.581	33.04		8.22	4.5	2.857
1095	5/13/2008 20:31	11.12	50.486	32.96		8.22	9.3	2.89
1096	5/13/2008 20:46	11.07	50.371	32.88		8.21	12.1	2.915
1097	5/13/2008 21:01	11.44	50.42	32.93		8.2	29.8	2.918
1098	5/13/2008 21:16	11.15	50.6	33.05		8.2	3.1	2.904
1099	5/13/2008 21:31	11.11	50.82	33.21		8.2	2.4	2.882
1100	5/13/2008 21:46	11.37	50.46	32.96		8.2	4.8	2.825
1101	5/13/2008 22:01	12.34	50.167	32.79		8.18	6.6	2.758
1102	5/13/2008 22:16	12.41	49.784	32.52		8.17	6.6	2.689
1103	5/13/2008 22:31	12.15	50.271	32.86		8.18	7.3	2.608
1104	5/13/2008 22:46	12.19	50.242	32.84		8.18	9.5	2.512
1105	5/13/2008 23:01	12.24	50.083	32.73		8.19	6.6	2.443
1106	5/13/2008 23:16	12.89	49.991	32.69		8.17	14.7	2.354
1107	5/13/2008 23:31	13.02	49.783	32.54		8.16	12.2	2.269
1108	5/13/2008 23:46	12.97	49.666	32.46		8.14	5.8	2.198
1109	5/14/2008 0:01	12.95	50.195	32.84		8.15	7.2	2.098
1110	5/14/2008 0:16	12.97	50.084	32.76		8.14	10.2	2.003
1111	5/14/2008 0:31	13.53	49.766	32.55		8.14	8	1.922
1112	5/14/2008 0:46	13.57	49.691	32.5		8.13	7.3	1.843
1113	5/14/2008 1:01	13.88	49.946	32.69		8.13	23.6	1.759
1114	5/14/2008 1:16	14.34	49.86	32.64		8.13	8.7	1.672
1115	5/14/2008 1:31	14.21	49.458	32.35		8.14	6.8	1.605
1116	5/14/2008 1:46	14.36	49.817	32.61		8.14	7.1	1.547
1117	5/14/2008 2:01	14.55	49.757	32.57		8.15	7.4	1.498
1118	5/14/2008 2:16	14.61	49.471	32.37		8.14	5.8	1.457
1119	5/14/2008 2:31	14.69	49.535	32.42		8.14	7.1	1.437
1120	5/14/2008 2:46	14.64	49.566	32.44		8.06	4	1.437
1121	5/14/2008 3:01	14.51	49.651	32.5		8.14	8.1	1.449
1122	5/14/2008 3:16	14.34	49.674	32.51		8.13	7.8	1.473
1123	5/14/2008 3:31	14.4	49.451	32.35		8.14	6.7	1.51
1124	5/14/2008 3:46	14.42	49.472	32.36		8.13	7.6	1.566

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1125	5/14/2008 4:01	14.29	49.949	32.71		8.13	7.3	1.624
1126	5/14/2008 4:16	14.42	49.652	32.49		8.13	9.3	1.677
1127	5/14/2008 4:31	14.43	49.352	32.27		8.12	8.4	1.729
1128	5/14/2008 4:46	14.31	49.252	32.2		8.12	8.4	1.803
1129	5/14/2008 5:01	14.2	49.385	32.29		8.11	8.8	1.862
1130	5/14/2008 5:16	14	49.196	32.15		8.11	8.5	1.905
1131	5/14/2008 5:31	13.68	49.579	32.42		8.11	8	1.971
1132	5/14/2008 5:46	13.42	49.432	32.3		8.12	7.4	2.025
1133	5/14/2008 6:01	13.3	49.459	32.32		8.12	5.9	2.089
1134	5/14/2008 6:16	13.05	50.007	32.71		8.13	4.6	2.139
1135	5/14/2008 6:31	12.89	50.091	32.76		8.13	4.3	2.194
1136	5/14/2008 6:46	12.72	50.003	32.69		8.14	5.2	2.26
1137	5/14/2008 7:01	12.63	49.66	32.44		8.15	6.2	2.305
1138	5/14/2008 7:16	12.57	49.941	32.64		8.15	7.1	2.357
1139	5/14/2008 7:31	12.5	50.011	32.69		8.15	12.8	2.407
1140	5/14/2008 7:46	12.43	50.29	32.89		8.15	4.3	2.453
1141	5/14/2008 8:01	12.32	50.13	32.77		8.15	13.6	2.49
1142	5/14/2008 8:16	12.22	50.271	32.86		8.15	3	2.52
1143	5/14/2008 8:31	12.18	50.391	32.95		8.13	2.7	2.542
1144	5/14/2008 8:46	12.2	50.15	32.77		8.1	2.3	2.565
1145	5/14/2008 9:01	12.41	50.111	32.76		8.13	3.2	2.567
1146	5/14/2008 9:16	12.25	50.101	32.74		8.11	2.4	2.549
1147	5/14/2008 9:31	12.09	49.921	32.6		8.13	3.1	2.524
1148	5/14/2008 9:46	12.12	49.957	32.63		8.12	1.8	2.503
1149	5/14/2008 10:01	12.21	50.171	32.79		8.12	2.6	2.432
1150	5/14/2008 10:16	12.55	49.89	32.6		8.14	6.2	2.365
1151	5/14/2008 10:31	12.84	49.854	32.59		8.16	5.8	2.304
1152	5/14/2008 10:46	12.99	50.012	32.71		8.17	19	2.237
1153	5/14/2008 11:01	13.12	49.53	32.36		8.19	5.2	2.156
1154	5/14/2008 11:16	13.32	49.774	32.55		8.2	4.5	2.065
1155	5/14/2008 11:31	13.58	49.471	32.34		8.21	5.6	1.992
1156	5/14/2008 11:46	13.99	49.669	32.49		8.26	8.9	1.919
1157	5/14/2008 12:01	14.27	49.916	32.68		8.23	6.9	1.821
1158	5/14/2008 12:16	14.4	49.791	32.59		8.21	5.3	1.741
1159	5/14/2008 12:31	14.54	49.939	32.71		8.2	6	1.659
1160	5/14/2008 12:46	14.64	49.887	32.67		8.16	4.6	1.595
1161	5/14/2008 13:01	14.83	49.784	32.6		8.2	6.3	1.522
1162	5/14/2008 13:16	15.01	49.788	32.61		8.16	6	1.45
1163	5/14/2008 13:31	15	49.444	32.36		8.15	4.5	1.403
1164	5/14/2008 13:46	14.99	49.687	32.53		8.14	7.7	1.367
1165	5/14/2008 14:01	14.96	49.483	32.38		8.09	3.5	1.336
1166	5/14/2008 14:16	14.99	49.318	32.26		8.04	2.3	1.306
1167	5/14/2008 14:31	15	49.912	32.7		8.11	4.5	1.302
1168	5/14/2008 14:46	15.05	49.503	32.4		8.14	6.2	1.331
1169	5/14/2008 15:01	15.1	49.427	32.35		8.12	3.9	1.341

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1170	5/14/2008 15:16	15.11	49.268	32.23		8.16	5.6	1.378
1171	5/14/2008 15:31	15.18	49.527	32.42		8.15	5.8	1.415
1172	5/14/2008 15:46	15.19	49.552	32.44		8.16	8	1.459
1173	5/14/2008 16:01	15.13	49.446	32.36		8.17	9.8	1.525
1174	5/14/2008 16:16	15.04	49.416	32.34		8.16	20.7	1.582
1175	5/14/2008 16:31	14.96	49.06	32.08		8.16	19	1.629
1176	5/14/2008 16:46	15.1	49.567	32.45		8.16	9.9	1.704
1177	5/14/2008 17:01	14.83	49.369	32.3		8.15	9.3	1.776
1178	5/14/2008 17:16	15.08	49.579	32.46		8.17	10.6	1.852
1179	5/14/2008 17:31	14.87	49.207	32.18		8.16	10.3	1.928
1180	5/14/2008 17:46	14.18	49.175	32.14		8.14	8.9	2.008
1181	5/14/2008 18:01	13.76	49.302	32.22		8.16	7.1	2.094
1182	5/14/2008 18:16	13.58	49.52	32.37		8.17	9.3	2.179
1183	5/14/2008 18:31	13.27	49.772	32.54		8.18	6.7	2.255
1184	5/14/2008 18:46	13.2	49.79	32.55		8.19	6	2.327
1185	5/14/2008 19:01	12.96	50.28	32.9		8.2	7.8	2.404
1186	5/14/2008 19:16	12.84	49.515	32.34		8.21	8.6	2.48
1187	5/14/2008 19:31	12.7	49.958	32.66		8.23	8	2.551
1188	5/14/2008 19:46	12.42	49.781	32.52		8.25	8.5	2.628
1189	5/14/2008 20:01	12.24	50.15	32.78		8.27	8.4	2.691
1190	5/14/2008 20:16	12.05	49.891	32.58		8.29	8.2	2.769
1191	5/14/2008 20:31	11.5	50.087	32.69		8.25	7.5	2.833
1192	5/14/2008 20:46	11.27	50.087	32.68		8.27	6.1	2.892
1193	5/14/2008 21:01	11.18	50.587	33.04		8.26	4.9	2.945
1194	5/14/2008 21:16	11.13	50.28	32.81		8.25	13.1	2.982
1195	5/14/2008 21:31	11.17	50.384	32.89		8.19	59.9	3.004
1196	5/14/2008 21:46	11.46	49.916	32.57		8.24	47.7	2.999
1197	5/14/2008 22:01	11.32	50.399	32.91		8.23	8.7	2.985
1198	5/14/2008 22:16	11.51	50.09	32.7		8.25	5	2.942
1199	5/14/2008 22:31	11.53	50.43	32.95		8.24	4.2	2.894
1200	5/14/2008 22:46	12.33	49.854	32.56		8.23	6.5	2.815
1201	5/14/2008 23:01	12.57	50.15	32.79		8.23	10.1	2.729
1202	5/14/2008 23:16	12.69	50.027	32.71		8.21	7.7	2.647
1203	5/14/2008 23:31	12.68	49.604	32.4		8.21	6.6	2.545
1204	5/14/2008 23:46	12.85	50.197	32.84		8.2	6.2	2.452
1205	5/15/2008 0:01	13.11	49.931	32.65		8.19	6.6	2.366
1206	5/15/2008 0:16	13.34	49.819	32.58		8.18	7.3	2.27
1207	5/15/2008 0:31	13.48	49.811	32.58		8.17	6.5	2.183
1208	5/15/2008 0:46	13.64	49.657	32.47		8.17	8.6	2.08
1209	5/15/2008 1:01	14.06	49.605	32.45		8.16	10.7	1.982
1210	5/15/2008 1:16	13.95	49.721	32.53		8.16	9.2	1.892
1211	5/15/2008 1:31	13.96	49.91	32.67		8.16	8.7	1.785
1212	5/15/2008 1:46	14.38	49.613	32.46		8.15	9.8	1.687
1213	5/15/2008 2:01	14.83	49.713	32.55		8.14	9.6	1.598
1214	5/15/2008 2:16	15.21	49.589	32.47		8.13	9.7	1.522

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	5/15/2008 2:31	15.58	49.633	32.51		8.13	10.6	1.419
1216	5/15/2008 2:46	15.64	49.185	32.18		8.12	9.8	1.367
1217	5/15/2008 3:01	15.84	49.534	32.44		8.11	8.3	1.32
1218	5/15/2008 3:16	15.88	49.422	32.36		8.1	6.2	1.259
1219	5/15/2008 3:31	15.96	49.444	32.38		8.1	7.2	1.248
1220	5/15/2008 3:46	15.97	49.5	32.42		8.03	4.6	1.249
1221	5/15/2008 4:01	15.77	49.445	32.37		8.09	9	1.272
1222	5/15/2008 4:16	15.61	49.538	32.44		8.09	11.7	1.287
1223	5/15/2008 4:31	15.52	49.517	32.42		8.1	11.8	1.323
1224	5/15/2008 4:46	15.41	49.342	32.29		8.1	10.7	1.393
1225	5/15/2008 5:01	15.33	49.429	32.35		8.1	11.7	1.457
1226	5/15/2008 5:16	15.34	49.299	32.26		8.09	12.1	1.519
1227	5/15/2008 5:31	15.33	49.301	32.26		8.08	11.8	1.578
1228	5/15/2008 5:46	15.26	49.131	32.13		8.08	12.5	1.651
1229	5/15/2008 6:01	15.1	49.194	32.18		8.08	14.5	1.731
1230	5/15/2008 6:16	14.89	49.293	32.24		8.09	16.4	1.785
1231	5/15/2008 6:31	14.57	49.212	32.18		8.09	17.3	1.846
1232	5/15/2008 6:46	14.26	49.57	32.43		8.1	13.5	1.915
1233	5/15/2008 7:01	13.87	49.563	32.41		8.12	11	1.983
1234	5/15/2008 7:16	13.61	49.704	32.51		8.13	9.7	2.049
1235	5/15/2008 7:31	13.46	49.835	32.6		8.14	8.6	2.103
1236	5/15/2008 7:46	13.36	49.743	32.53		8.15	9.9	2.163
1237	5/15/2008 8:01	13.28	50.173	32.84		8.15	8.9	2.23
1238	5/15/2008 8:16	13.22	49.772	32.54		8.16	6.6	2.284
1239	5/15/2008 8:31	13.02	49.975	32.68		8.16	5.7	2.343
1240	5/15/2008 8:46	12.83	49.752	32.51		8.17	5.7	2.391
1241	5/15/2008 9:01	12.7	49.934	32.64		8.17	10.6	2.434
1242	5/15/2008 9:16	12.63	50.111	32.77		8.17	4.4	2.481
1243	5/15/2008 9:31	12.51	49.813	32.54		8.18	6.8	2.525
1244	5/15/2008 9:46	12.51	49.989	32.67		8.16	3.6	2.547
1245	5/15/2008 10:01	12.43	49.996	32.67		8.13	2	2.575
1246	5/15/2008 10:16	12.9	49.941	32.65		8.17	4.9	2.579
1247	5/15/2008 10:31	12.57	50.353	32.94		8.14	10.9	2.559
1248	5/15/2008 10:46	12.4	50.003	32.68		8.16	13.1	2.537
1249	5/15/2008 11:01	12.76	50.403	32.98		8.17	23.9	2.493
1250	5/15/2008 11:16	13.65	49.999	32.72		8.19	6.8	2.434
1251	5/15/2008 11:31	13.61	49.846	32.61		8.2	5.4	2.372
1252	5/15/2008 11:46	13.96	49.825	32.61		8.19	10.3	2.294
1253	5/15/2008 12:01	13.97	49.644	32.47		8.19	4.9	2.224
1254	5/15/2008 12:16	14.34	49.767	32.58		8.18	5.6	2.145
1255	5/15/2008 12:31	14.76	49.768	32.59		8.18	4.2	2.082
1256	5/15/2008 12:46	15.19	49.56	32.45		8.17	5.5	2.009
1257	5/15/2008 13:01	15.42	49.516	32.42		8.19	4.5	1.927
1258	5/15/2008 13:16	15.64	49.274	32.25		8.18	5.1	1.856
1259	5/15/2008 13:31	15.76	49.571	32.47		8.19	5.5	1.788

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1260	5/15/2008 13:46	16.22	49.453	32.39		8.18	4.6	1.725
1261	5/15/2008 14:01	16.36	49.528	32.44		8.18	4.7	1.642
1262	5/15/2008 14:16	16.41	49.449	32.39		8.18	5.1	1.61
1263	5/15/2008 14:31	16.44	49.405	32.36		8.15	3.8	1.579
1264	5/15/2008 14:46	16.44	49.502	32.43		8.13	2.5	1.521
1265	5/15/2008 15:01	16.46	49.147	32.17		8.13	2.6	1.502
1266	5/15/2008 15:16	16.41	49.539	32.45		8.06	3.5	1.482
1267	5/15/2008 15:31	16.12	49.24	32.23		8.16	10.9	1.49
1268	5/15/2008 15:46	17.02	49.28	32.27		8.19	5.8	1.488
1269	5/15/2008 16:01	17.71	49.482	32.42		8.17	7	1.514
1270	5/15/2008 16:16	16.23	49.088	32.12		8.17	7.8	1.555
1271	5/15/2008 16:31	16.11	49.359	32.32		8.17	9.8	1.615
1272	5/15/2008 16:46	16.58	49.216	32.22		8.18	12.1	1.674
1273	5/15/2008 17:01	17.11	49.403	32.36		8.18	8.5	1.722
1274	5/15/2008 17:16	15.77	48.919	31.99		8.16	10.6	1.806
1275	5/15/2008 17:31	15.64	49.205	32.2		8.17	8.4	1.869
1276	5/15/2008 17:46	15.65	49.4	32.34		8.19	7.3	1.932
1277	5/15/2008 18:01	15.14	49.357	32.3		8.19	7.6	2.014
1278	5/15/2008 18:16	14.93	49.861	32.66		8.22	13.6	2.088
1279	5/15/2008 18:31	14.4	49.599	32.45		8.22	7.1	2.158
1280	5/15/2008 18:46	14.21	49.713	32.53		8.23	7.6	2.238
1281	5/15/2008 19:01	13.89	49.733	32.54		8.24	7.8	2.316
1282	5/15/2008 19:16	13.6	49.576	32.41		8.24	7.1	2.394
1283	5/15/2008 19:31	13.4	49.676	32.48		8.26	8.4	2.477
1284	5/15/2008 19:46	13.24	49.82	32.58		8.27	9.9	2.554
1285	5/15/2008 20:01	13.01	49.892	32.62		8.28	9	2.641
1286	5/15/2008 20:16	12.7	50.139	32.79		8.29	9.4	2.721
1287	5/15/2008 20:31	12.45	50.056	32.72		8.3	8.3	2.803
1288	5/15/2008 20:46	12.18	49.935	32.62		8.3	7.1	2.886
1289	5/15/2008 21:01	11.79	50.206	32.8		8.28	6.7	2.953
1290	5/15/2008 21:16	11.51	50.301	32.85		8.27	6.2	3.015
1291	5/15/2008 21:31	11.36	50.094	32.69		8.26	5	3.074
1292	5/15/2008 21:46	11.22	50.677	33.11		8.25	3.4	3.102
1293	5/15/2008 22:01	11.18	50.452	32.94		8.21	2.3	3.133
1294	5/15/2008 22:16	11.6	50.324	32.87		8.23	3.7	3.132
1295	5/15/2008 22:31	11.21	50.948	33.3		8.22	4.2	3.114
1296	5/15/2008 22:46	11.06	50.123	32.7		8.23	3.5	3.088
1297	5/15/2008 23:01	12.25	50.265	32.86		8.25	9.8	3.024
1298	5/15/2008 23:16	12.35	50.304	32.89		8.25	6.5	2.941
1299	5/15/2008 23:31	12.53	50.188	32.82		8.26	8.4	2.871
1300	5/15/2008 23:46	12.75	50.34	32.94		8.25	6.9	2.786
1301	5/16/2008 0:01	13.26	50.311	32.94		8.25	8.5	2.685
1302	5/16/2008 0:16	13.32	50.021	32.73		8.25	13.9	2.585
1303	5/16/2008 0:31	13.44	49.951	32.68		8.25	8	2.484
1304	5/16/2008 0:46	13.61	50.446	33.05		8.24	10.1	2.381

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	5/16/2008 1:01	14.01	49.839	32.62		8.24	11.3	2.286
1306	5/16/2008 1:16	14.11	50.107	32.82		8.23	9.5	2.168
1307	5/16/2008 1:31	14.32	50.065	32.79		8.21	9.4	2.07
1308	5/16/2008 1:46	14.81	50.1	32.83		8.21	9.7	1.973
1309	5/16/2008 2:01	15.36	49.267	32.24		8.2	10.6	1.854
1310	5/16/2008 2:16	15.13	49.821	32.64		8.19	9.3	1.751
1311	5/16/2008 2:31	15.79	49.692	32.55		8.19	8.9	1.647
1312	5/16/2008 2:46	16.35	49.784	32.63		8.18	8.8	1.543
1313	5/16/2008 3:01	16.59	49.517	32.44		8.17	7.9	1.441
1314	5/16/2008 3:16	16.74	49.751	32.61		8.16	7.6	1.339
1315	5/16/2008 3:31	16.99	49.446	32.39		8.16	7	1.277
1316	5/16/2008 3:46	17.19	49.502	32.43		8.15	6.3	1.193
1317	5/16/2008 4:01	17.28	49.414	32.37		8.14	5.5	1.168
1318	5/16/2008 4:16	17.37	49.433	32.39		8.14	3.8	1.145
1319	5/16/2008 4:31	17.38	49.634	32.53		8.1	3.1	1.127
1320	5/16/2008 4:46	17.13	49.653	32.55		8.13	5.1	1.126
1321	5/16/2008 5:01	16.96	49.415	32.37		8.13	8.2	1.172
1322	5/16/2008 5:16	16.89	49.531	32.45		8.14	7.8	1.237
1323	5/16/2008 5:31	16.85	49.605	32.51		8.14	7.3	1.289
1324	5/16/2008 5:46	16.75	49.475	32.41		8.14	9	1.349
1325	5/16/2008 6:01	17.04	49.421	32.37		8.13	9.6	1.428
1326	5/16/2008 6:16	16.91	49.232	32.24		8.12	9.3	1.494
1327	5/16/2008 6:31	16.87	49.392	32.35		8.12	10.3	1.561
1328	5/16/2008 6:46	16.81	49.389	32.35		8.12	11.5	1.632
1329	5/16/2008 7:01	16.54	49.44	32.38		8.13	13.3	1.704
1330	5/16/2008 7:16	16.14	49.331	32.3		8.13	13.5	1.777
1331	5/16/2008 7:31	15.73	49.227	32.21		8.14	13.7	1.838
1332	5/16/2008 7:46	15.26	49.387	32.32		8.15	12.5	1.931
1333	5/16/2008 8:01	14.94	49.512	32.4		8.17	9.2	2.003
1334	5/16/2008 8:16	14.62	49.769	32.58		8.18	7.6	2.077
1335	5/16/2008 8:31	14.5	49.604	32.46		8.19	14	2.15
1336	5/16/2008 8:46	14.45	49.378	32.29		8.19	6.2	2.201
1337	5/16/2008 9:01	14.3	49.49	32.37		8.2	6.9	2.272
1338	5/16/2008 9:16	14.06	49.634	32.47		8.21	11.6	2.337
1339	5/16/2008 9:31	13.8	49.812	32.59		8.2	5.9	2.392
1340	5/16/2008 9:46	13.7	49.617	32.45		8.21	6	2.463
1341	5/16/2008 10:01	13.44	50.122	32.81		8.22	6	2.523
1342	5/16/2008 10:16	13.3	50.079	32.77		8.22	5.1	2.575
1343	5/16/2008 10:31	13.22	50.22	32.87		8.22	5.2	2.611
	Mean	12.94	49.53	32.35	9.02	8.09	10.24	2.05
	Minimum	9.39	45.49	29.49	7.98	7.91	1.80	0.20
	Maximum	17.71	51.64	33.70	10.05	8.30	66.40	3.60
	Standard Dev.	1.54	0.82	0.55	0.47	0.07	5.95	0.72

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
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						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	5/16/2008 11:01	12.99	50.928	33.38	10.29	8.05	3.8	2.573
1	5/16/2008 11:16	13.32	50.909	33.38	10.44	8.1	7.9	2.602
2	5/16/2008 11:31	13	50.994	33.43	10.12	8.08	4.5	2.6
3	5/16/2008 11:46	12.95	50.948	33.39	10.27	8.09	4.4	2.547
4	5/16/2008 12:01	13.16	50.928	33.38	10.33	8.11	3.9	2.507
5	5/16/2008 12:16	15.31	50.668	33.26	11.4	8.22	6.5	2.451
6	5/16/2008 12:31	14.77	50.775	33.32	11.31	8.2	7.2	2.371
7	5/16/2008 12:46	15.05	50.736	33.3	11.18	8.2	7.1	2.3
8	5/16/2008 13:01	15.55	50.658	33.26	11.24	8.21	7.4	2.219
9	5/16/2008 13:16	15.88	50.708	33.3	11	8.2	6.9	2.148
10	5/16/2008 13:31	16.06	50.628	33.24	10.8	8.19	6.7	2.071
11	5/16/2008 13:46	16.71	50.501	33.16	10.89	8.22	7.3	2.011
12	5/16/2008 14:01	16.82	50.507	33.17	10.83	8.21	7.2	1.942
13	5/16/2008 14:16	17.47	50.386	33.09	10.86	8.23	8.2	1.874
14	5/16/2008 14:31	17.5	50.544	33.2	10.76	8.22	7	1.836
15	5/16/2008 14:46	17.88	50.466	33.15	10.66	8.22	7.2	1.762
16	5/16/2008 15:01	18.07	50.472	33.15	10.5	8.21	6.8	1.702
17	5/16/2008 15:16	17.83	50.642	33.28	10.17	8.18	5.1	1.659
18	5/16/2008 15:31	17.89	50.435	33.12	9.96	8.16	5.3	1.616
19	5/16/2008 15:46	18.23	50.488	33.17	10.55	8.21	10.7	1.607
20	5/16/2008 16:01	18.03	50.587	33.24	10.79	8.2	9.5	1.578
21	5/16/2008 16:16	18.55	50.438	33.13	10.76	8.21	8.1	1.579
22	5/16/2008 16:31	18.89	50.445	33.14	10.28	8.18	11	1.586
23	5/16/2008 16:46	18.61	50.467	33.15	10.36	8.18	16.1	1.614
24	5/16/2008 17:01	17.43	50.498	33.17	10.69	8.16	11.9	1.681
25	5/16/2008 17:16	17.67	50.388	33.09	10.46	8.16	10.8	1.689
26	5/16/2008 17:31	18.6	50.377	33.09	10.66	8.19	12.9	1.755
27	5/16/2008 17:46	18.23	50.407	33.11	10.84	8.18	12.1	1.827
28	5/16/2008 18:01	17.3	50.527	33.19	10.82	8.16	11.5	1.883
29	5/16/2008 18:16	16.48	50.55	33.19	10.55	8.13	9	1.95
30	5/16/2008 18:31	16.63	50.573	33.21	11.02	8.17	8.4	2.015
31	5/16/2008 18:46	16.1	50.531	33.17	10.96	8.15	7	2.093
32	5/16/2008 19:01	15.48	50.68	33.27	11.18	8.15	6.9	2.161
33	5/16/2008 19:16	15.25	50.71	33.29	11.32	8.16	7	2.242
34	5/16/2008 19:31	14.98	50.751	33.31	11.3	8.16	6.1	2.309
35	5/16/2008 19:46	14.73	50.766	33.32	11.23	8.15	6.8	2.389
36	5/16/2008 20:01	14.19	50.856	33.37	11.21	8.14	7.1	2.465
37	5/16/2008 20:16	14.11	50.861	33.37	11.3	8.14	7.4	2.554
38	5/16/2008 20:31	13.68	50.925	33.4	11.39	8.14	9	2.641
39	5/16/2008 20:46	13.28	50.999	33.44	11.38	8.13	8.9	2.721
40	5/16/2008 21:01	13.16	51.034	33.46	11.71	8.15	9.2	2.801
41	5/16/2008 21:16	12.64	51.078	33.47	11.81	8.15	8.7	2.88
42	5/16/2008 21:31	12.26	51.167	33.52	11.58	8.13	7.1	2.943
43	5/16/2008 21:46	11.85	51.225	33.54	11.23	8.1	6.7	3.006
44	5/16/2008 22:01	11.66	51.221	33.53	10.97	8.09	6.3	3.07

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	5/16/2008 22:16	11.57	51.335	33.61	10.9	8.08	5.4	3.111
46	5/16/2008 22:31	11.41	51.414	33.66	10.66	8.09	4.3	3.131
47	5/16/2008 22:46	11.98	51.35	33.64	10.89	8.11	5.6	3.142
48	5/16/2008 23:01	11.47	51.404	33.65	10.38	8.06	4	3.133
49	5/16/2008 23:16	11.32	51.409	33.65	10.39	8.05	4.2	3.103
50	5/16/2008 23:31	13.27	51.017	33.45	10.73	8.13	6.3	3.047
51	5/16/2008 23:46	13.33	51.011	33.45	10.65	8.13	5.9	2.981
52	5/17/2008 0:01	13.43	51.038	33.47	10.6	8.12	6.1	2.893
53	5/17/2008 0:16	13.57	50.988	33.44	10.51	8.11	6.7	2.796
54	5/17/2008 0:31	14.15	50.903	33.4	10.67	8.14	7.5	2.702
55	5/17/2008 0:46	14.23	50.882	33.39	10.75	8.14	6.7	2.59
56	5/17/2008 1:01	14.37	50.854	33.37	10.78	8.15	7.6	2.47
57	5/17/2008 1:16	14.7	50.749	33.3	10.61	8.14	7.3	2.372
58	5/17/2008 1:31	15.04	50.768	33.33	10.48	8.14	7.3	2.269
59	5/17/2008 1:46	15.34	50.793	33.35	10.34	8.14	9.4	2.163
60	5/17/2008 2:01	15.74	50.673	33.27	10.09	8.13	7.7	2.044
61	5/17/2008 2:16	15.78	50.696	33.29	9.91	8.12	7.9	1.913
62	5/17/2008 2:31	16.35	50.654	33.27	9.8	8.13	8.5	1.798
63	5/17/2008 2:46	16.48	50.582	33.22	9.7	8.13	8.4	1.695
64	5/17/2008 3:01	17.07	50.659	33.28	9.4	8.12	8.2	1.57
65	5/17/2008 3:16	17.67	50.544	33.2	9.14	8.12	7.8	1.443
66	5/17/2008 3:31	17.76	50.507	33.18	9.02	8.12	7.8	1.337
67	5/17/2008 3:46	17.96	50.518	33.19	8.86	8.11	7.4	1.231
68	5/17/2008 4:01	18.24	50.471	33.15	8.76	8.11	6.9	1.143
69	5/17/2008 4:16	18.53	50.487	33.17	8.54	8.11	6.5	1.054
70	5/17/2008 4:31	18.74	50.466	33.15	8.38	8.11	6.8	0.98
71	5/17/2008 4:46	18.92	50.445	33.14	8.15	8.1	6.2	0.954
72	5/17/2008 5:01	19	50.457	33.14	8.1	8.09	5.4	0.913
73	5/17/2008 5:16	18.94	50.49	33.17	7.7	8.08	5.8	0.895
74	5/17/2008 5:31	18.7	50.469	33.15	8.32	8.07	7.3	0.933
75	5/17/2008 5:46	18.48	50.462	33.15	8.47	8.07	8.7	0.981
76	5/17/2008 6:01	18.41	50.457	33.14	8.56	8.07	9.3	1.031
77	5/17/2008 6:16	18.29	50.465	33.15	8.69	8.08	8.2	1.086
78	5/17/2008 6:31	18.18	50.491	33.17	8.67	8.05	8.1	1.168
79	5/17/2008 6:46	18.43	50.27	33.01	8.43	8.05	10.1	1.24
80	5/17/2008 7:01	18.32	50.291	33.02	8.45	8.06	10.4	1.312
81	5/17/2008 7:16	18.39	50.227	32.97	8.37	8.05	12	1.396
82	5/17/2008 7:31	18.33	50.219	32.97	8.39	8.05	12.1	1.475
83	5/17/2008 7:46	18.17	50.291	33.02	8.59	8.05	12.3	1.542
84	5/17/2008 8:01	17.98	50.266	33	8.63	8.05	14.8	1.622
85	5/17/2008 8:16	17.55	50.389	33.09	8.85	8.06	13.9	1.708
86	5/17/2008 8:31	16.92	50.502	33.16	9.21	8.06	16.1	1.793
87	5/17/2008 8:46	16.56	50.592	33.23	9.53	8.08	12.7	1.866
88	5/17/2008 9:01	16.3	50.609	33.23	9.72	8.09	10.8	1.953
89	5/17/2008 9:16	16.09	50.642	33.25	9.91	8.1	8.9	2.029

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	5/17/2008 9:31	15.95	50.656	33.26	9.95	8.1	8.5	2.097
91	5/17/2008 9:46	15.64	50.685	33.28	10.03	8.1	8.6	2.186
92	5/17/2008 10:01	15.29	50.717	33.29	10.08	8.09	7.9	2.242
93	5/17/2008 10:16	15.14	50.713	33.29	10.14	8.1	7.8	2.318
94	5/17/2008 10:31	14.78	50.755	33.31	10.3	8.1	7.6	2.385
95	5/17/2008 10:46	14.63	50.776	33.32	10.47	8.11	7.5	2.434
96	5/17/2008 11:01	14.42	50.803	33.33	10.49	8.11	6.5	2.482
97	5/17/2008 11:16	14.27	50.783	33.32	10.53	8.11	6.5	2.545
98	5/17/2008 11:31	13.73	50.934	33.41	10.24	8.08	5.3	2.582
99	5/17/2008 11:46	13.38	50.971	33.42	10.07	8.08	4.2	2.604
100	5/17/2008 12:01	13.73	50.941	33.41	10.09	8.11	4.6	2.629
101	5/17/2008 12:16	13.44	51.026	33.47	9.82	8.06	4	2.634
102	5/17/2008 12:31	13.39	51.014	33.45	9.82	8.06	4.5	2.608
103	5/17/2008 12:46	13.83	50.862	33.36	10.11	8.09	3.6	2.579
104	5/17/2008 13:01	15.64	50.767	33.34	10.94	8.18	5.7	2.515
105	5/17/2008 13:16	15.93	50.761	33.34	11.17	8.19	13.6	2.458
106	5/17/2008 13:31	16.08	50.75	33.33	11.22	8.2	6.3	2.384
107	5/17/2008 13:46	16.21	50.7	33.3	11.07	8.19	6.2	2.305
108	5/17/2008 14:01	16.64	50.455	33.13	10.88	8.2	6.1	2.242
109	5/17/2008 14:16	17.37	50.661	33.29	11	8.21	7	2.162
110	5/17/2008 14:31	17.61	50.606	33.25	10.78	8.2	6	2.104
111	5/17/2008 14:46	17.77	50.633	33.27	10.59	8.19	6.2	2.039
112	5/17/2008 15:01	18.44	50.389	33.09	10.52	8.21	7.3	1.975
113	5/17/2008 15:16	18.74	50.506	33.18	10.6	8.21	6.2	1.909
114	5/17/2008 15:31	19.04	50.463	33.15	10.53	8.21	6.5	1.863
115	5/17/2008 15:46	19.14	50.492	33.17	10.11	8.21	5.1	1.813
116	5/17/2008 16:01	19.2	50.524	33.19	10.13	8.2	11.7	1.748
117	5/17/2008 16:16	19.02	50.499	33.18	9.51	8.14	4.3	1.735
118	5/17/2008 16:31	18.99	50.499	33.18	9.3	8.1	3.7	1.699
119	5/17/2008 16:46	19.59	50.457	33.14	11.06	8.22	9.8	1.693
120	5/17/2008 17:01	19.74	50.52	33.19	11.17	8.21	7.1	1.707
121	5/17/2008 17:16	19.96	50.443	33.13	10.49	8.18	6	1.73
122	5/17/2008 17:31	18.65	50.529	33.2	10.72	8.15	8.5	1.754
123	5/17/2008 17:46	18.21	50.53	33.2	10.38	8.14	9.6	1.796
124	5/17/2008 18:01	19.26	50.476	33.16	10.66	8.18	7.8	1.851
125	5/17/2008 18:16	19.43	50.465	33.15	10.58	8.17	8.9	1.913
126	5/17/2008 18:31	18.68	50.563	33.22	10.48	8.15	10.9	1.972
127	5/17/2008 18:46	17.67	50.558	33.21	10.61	8.14	7.4	2.039
128	5/17/2008 19:01	17.37	50.601	33.24	10.67	8.14	6.7	2.103
129	5/17/2008 19:16	17.51	50.618	33.26	11.02	8.16	6.7	2.162
130	5/17/2008 19:31	17.13	50.628	33.26	11.05	8.17	5.9	2.231
131	5/17/2008 19:46	16.28	50.725	33.32	11.11	8.16	5.4	2.309
132	5/17/2008 20:01	15.18	50.838	33.38	10.82	8.12	6.2	2.374
133	5/17/2008 20:16	14.72	50.903	33.42	10.73	8.12	6.2	2.459
134	5/17/2008 20:31	14.54	50.925	33.43	10.71	8.12	6.5	2.528

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	5/17/2008 20:46	14.37	50.945	33.44	10.79	8.11	6.2	2.605
136	5/17/2008 21:01	14.4	50.936	33.43	11.17	8.15	8.5	2.697
137	5/17/2008 21:16	14.01	50.977	33.45	11.62	8.16	19	2.77
138	5/17/2008 21:31	13.64	51.007	33.46	11.8	8.17	7.9	2.851
139	5/17/2008 21:46	13.2	51.061	33.48	11.9	8.17	7.7	2.926
140	5/17/2008 22:01	12.74	51.083	33.48	11.84	8.16	6.6	2.99
141	5/17/2008 22:16	12.51	51.076	33.46	11.82	8.16	5.9	3.055
142	5/17/2008 22:31	12.35	51.04	33.43	11.83	8.16	5.6	3.095
143	5/17/2008 22:46	12.11	51.082	33.45	11.95	8.16	4.4	3.142
144	5/17/2008 23:01	12.13	51.063	33.44	11.93	8.15	4.6	3.171
145	5/17/2008 23:16	12.72	51.128	33.51	11.59	8.16	5.4	3.168
146	5/17/2008 23:31	12.15	51.149	33.5	11.77	8.16	3.8	3.165
147	5/17/2008 23:46	12.07	51.08	33.45	11.84	8.16	4.7	3.129
148	5/18/2008 0:01	12.74	50.687	33.19	11.51	8.15	6.2	3.083
149	5/18/2008 0:16	13.53	51.082	33.51	10.98	8.16	6.5	3.008
150	5/18/2008 0:31	14.14	50.885	33.39	10.76	8.14	6.7	2.931
151	5/18/2008 0:46	14.45	50.874	33.39	10.44	8.14	7.9	2.832
152	5/18/2008 1:01	14.7	50.905	33.42	10.45	8.13	6.1	2.722
153	5/18/2008 1:16	14.78	50.903	33.42	10.78	8.14	6.7	2.633
154	5/18/2008 1:31	15.01	50.837	33.38	10.47	8.14	6	2.523
155	5/18/2008 1:46	15.06	50.892	33.42	10.51	8.13	6.7	2.402
156	5/18/2008 2:01	15.42	50.897	33.43	10.35	8.13	6.9	2.294
157	5/18/2008 2:16	15.88	50.742	33.32	10.14	8.13	7.6	2.173
158	5/18/2008 2:31	16.14	50.816	33.38	10.06	8.12	6.3	2.06
159	5/18/2008 2:46	16.83	50.696	33.31	9.73	8.12	7.3	1.927
160	5/18/2008 3:01	17.05	50.677	33.3	9.53	8.11	7.7	1.794
161	5/18/2008 3:16	17.67	50.637	33.27	9.3	8.11	7.6	1.698
162	5/18/2008 3:31	17.67	50.633	33.27	9.14	8.1	7.5	1.56
163	5/18/2008 3:46	18.04	50.631	33.27	9.03	8.11	7.9	1.424
164	5/18/2008 4:01	18.43	50.604	33.25	8.81	8.1	7.6	1.307
165	5/18/2008 4:16	18.82	50.559	33.22	8.61	8.1	7.2	1.193
166	5/18/2008 4:31	19.08	50.607	33.26	8.51	8.1	6.7	1.093
167	5/18/2008 4:46	19.32	50.561	33.22	8.28	8.09	6.3	0.984
168	5/18/2008 5:01	19.62	50.556	33.22	8.08	8.08	6.2	0.906
169	5/18/2008 5:16	19.72	50.574	33.23	7.96	8.07	5.8	0.849
170	5/18/2008 5:31	19.84	50.523	33.19	7.91	8.05	6	0.816
171	5/18/2008 5:46	19.88	50.543	33.21	7.65	8.05	4	0.808
172	5/18/2008 6:01	19.75	50.558	33.22	7.86	8.05	5.9	0.812
173	5/18/2008 6:16	19.52	50.573	33.23	8.01	8.04	7.5	0.86
174	5/18/2008 6:31	19.39	50.556	33.22	8.16	8.04	7.1	0.913
175	5/18/2008 6:46	19.29	50.561	33.22	8.28	8.04	6.9	0.977
176	5/18/2008 7:01	19.19	50.558	33.22	8.31	8.04	8.1	1.041
177	5/18/2008 7:16	19.34	50.37	33.08	8.1	8.02	8.6	1.097
178	5/18/2008 7:31	19.22	50.43	33.12	8.15	8.02	8.9	1.189
179	5/18/2008 7:46	19.21	50.373	33.08	8.11	8.01	9.2	1.246

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	5/18/2008 8:01	19.15	50.374	33.08	8.12	8.01	9.5	1.32
181	5/18/2008 8:16	19.16	50.325	33.05	8.06	8.01	10.6	1.414
182	5/18/2008 8:31	18.99	50.366	33.08	8.19	8.01	11.4	1.488
183	5/18/2008 8:46	18.74	50.373	33.08	8.34	8.01	14.3	1.575
184	5/18/2008 9:01	18.51	50.397	33.1	8.51	8.02	11.5	1.665
185	5/18/2008 9:16	17.91	50.542	33.2	8.85	8.03	12.5	1.769
186	5/18/2008 9:31	17.5	50.577	33.23	9.25	8.05	12	1.851
187	5/18/2008 9:46	17.12	50.669	33.29	9.44	8.05	10.1	1.944
188	5/18/2008 10:01	16.92	50.685	33.3	9.56	8.06	8.7	2.03
189	5/18/2008 10:16	16.49	50.723	33.32	9.64	8.06	9.1	2.11
190	5/18/2008 10:31	16.19	50.734	33.32	9.75	8.06	8.5	2.197
191	5/18/2008 10:46	16.06	50.728	33.32	9.82	8.07	8.5	2.271
192	5/18/2008 11:01	15.63	50.75	33.33	10.05	8.08	9.6	2.343
193	5/18/2008 11:16	15.33	50.743	33.31	10.22	8.08	7.8	2.409
194	5/18/2008 11:31	15.06	50.773	33.33	10.35	8.09	6.9	2.461
195	5/18/2008 11:46	14.6	50.795	33.33	10.45	8.09	6.7	2.52
196	5/18/2008 12:01	14.18	50.845	33.36	10.56	8.09	6	2.568
197	5/18/2008 12:16	14.01	50.842	33.35	10.57	8.09	5.2	2.605
198	5/18/2008 12:31	13.95	50.847	33.35	10.71	8.09	4.9	2.632
199	5/18/2008 12:46	13.9	50.868	33.37	10.57	8.09	3.2	2.649
200	5/18/2008 13:01	14.3	50.976	33.46	10.35	8.09	4.4	2.649
201	5/18/2008 13:16	13.95	50.877	33.37	10.43	8.09	3.5	2.63
202	5/18/2008 13:31	14.01	50.82	33.33	10.3	8.1	3	2.602
203	5/18/2008 13:46	15.99	50.495	33.15	10.69	8.17	5.9	2.539
204	5/18/2008 14:01	16.2	50.629	33.25	10.73	8.18	5.9	2.495
205	5/18/2008 14:16	16.07	50.669	33.27	10.69	8.16	6.3	2.423
206	5/18/2008 14:31	16.77	50.595	33.23	10.64	8.18	6.6	2.341
207	5/18/2008 14:46	16.75	50.709	33.31	10.65	8.17	6.8	2.272
208	5/18/2008 15:01	17.21	50.571	33.22	10.32	8.17	5.8	2.213
209	5/18/2008 15:16	17.44	50.617	33.25	10.27	8.17	5.9	2.148
210	5/18/2008 15:31	17.81	50.637	33.27	10.29	8.17	5.6	2.086
211	5/18/2008 15:46	17.87	50.632	33.27	9.99	8.16	5.2	2.018
212	5/18/2008 16:01	18.28	50.627	33.27	10.77	8.19	5.9	1.973
213	5/18/2008 16:16	18.71	50.576	33.23	10.49	8.19	6.3	1.933
214	5/18/2008 16:31	19.01	50.601	33.25	10.55	8.2	5.6	1.877
215	5/18/2008 16:46	19.21	50.604	33.25	10.49	8.2	5.7	1.832
216	5/18/2008 17:01	19.25	50.619	33.26	10.14	8.18	4.9	1.821
217	5/18/2008 17:16	18.65	50.79	33.39	9.53	8.12	4.9	1.81
218	5/18/2008 17:31	18.53	50.61	33.26	9.78	8.13	5.4	1.791
219	5/18/2008 17:46	18.61	50.563	33.22	10.3	8.15	5.7	1.803
220	5/18/2008 18:01	19.35	50.462	33.15	9.77	8.14	5.6	1.832
221	5/18/2008 18:16	18.75	50.589	33.24	10.04	8.13	6.4	1.869
222	5/18/2008 18:31	18.36	50.611	33.26	10.06	8.12	9	1.906
223	5/18/2008 18:46	18.25	50.604	33.25	10.06	8.12	6.8	1.954
224	5/18/2008 19:01	18.58	50.574	33.23	9.97	8.12	6.9	2.025

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	5/18/2008 19:16	17.9	50.605	33.25	9.98	8.1	7.4	2.09
226	5/18/2008 19:31	17.47	50.629	33.26	10.16	8.1	6.3	2.147
227	5/18/2008 19:46	17.23	50.671	33.29	10.24	8.11	5.6	2.217
228	5/18/2008 20:01	16.64	50.705	33.31	10.4	8.1	5	2.287
229	5/18/2008 20:16	15.8	50.745	33.33	10.66	8.11	5.6	2.355
230	5/18/2008 20:31	15.29	50.785	33.34	10.72	8.11	5.3	2.427
231	5/18/2008 20:46	14.89	50.81	33.35	10.75	8.11	5.2	2.51
232	5/18/2008 21:01	14.67	50.82	33.35	10.77	8.11	5.6	2.582
233	5/18/2008 21:16	14.4	50.837	33.36	10.81	8.11	5.4	2.661
234	5/18/2008 21:31	14.13	50.86	33.37	10.96	8.13	6.3	2.742
235	5/18/2008 21:46	13.76	50.915	33.4	11.25	8.14	7.3	2.824
236	5/18/2008 22:01	13.44	50.925	33.39	11.33	8.15	5.5	2.896
237	5/18/2008 22:16	12.85	51.026	33.44	11.42	8.14	4.8	2.97
238	5/18/2008 22:31	12.43	51.042	33.44	11.38	8.14	4.2	3.04
239	5/18/2008 22:46	12.15	51.097	33.46	11.38	8.14	3.9	3.089
240	5/18/2008 23:01	12.1	51.095	33.46	11.29	8.14	3.3	3.126
241	5/18/2008 23:16	11.95	51.106	33.46	11.33	8.13	2.6	3.178
242	5/18/2008 23:31	11.72	51.148	33.48	11.28	8.13	2.4	3.198
243	5/18/2008 23:46	12.25	51.094	33.47	11.1	8.14	4.1	3.195
244	5/19/2008 0:01	11.88	51.143	33.48	11.13	8.13	2.7	3.196
245	5/19/2008 0:16	11.77	51.147	33.48	11.23	8.13	3.5	3.165
246	5/19/2008 0:31	13.04	51.006	33.44	10.74	8.14	6.3	3.114
247	5/19/2008 0:46	13.02	50.98	33.42	10.71	8.13	4.3	3.034
248	5/19/2008 1:01	13.76	50.992	33.45	10.46	8.14	4.5	2.954
249	5/19/2008 1:16	14.12	50.895	33.39	10.34	8.13	5.1	2.865
250	5/19/2008 1:31	14.45	50.859	33.38	10.21	8.13	5.1	2.77
251	5/19/2008 1:46	14.7	50.848	33.38	10.17	8.13	5.2	2.657
252	5/19/2008 2:01	15	50.83	33.37	10.15	8.14	7.1	2.537
253	5/19/2008 2:16	15.1	50.823	33.37	10.03	8.13	6.5	2.44
254	5/19/2008 2:31	15.86	50.697	33.29	9.81	8.13	6.1	2.32
255	5/19/2008 2:46	16.08	50.767	33.35	9.66	8.12	6.5	2.203
256	5/19/2008 3:01	16.81	50.643	33.27	9.37	8.11	7.4	2.088
257	5/19/2008 3:16	16.51	50.787	33.37	9.31	8.1	6.9	1.958
258	5/19/2008 3:31	16.57	50.747	33.34	9.21	8.1	7.8	1.842
259	5/19/2008 3:46	16.92	50.699	33.31	8.98	8.09	7.7	1.709
260	5/19/2008 4:01	17.29	50.695	33.31	8.74	8.08	7.7	1.583
261	5/19/2008 4:16	18.19	50.595	33.24	8.35	8.07	7.7	1.448
262	5/19/2008 4:31	17.84	50.748	33.35	8.35	8.07	7.3	1.323
263	5/19/2008 4:46	18.21	50.648	33.28	8.13	8.06	7.1	1.195
264	5/19/2008 5:01	18.78	50.653	33.29	7.84	8.06	7	1.077
265	5/19/2008 5:16	19.02	50.647	33.28	7.7	8.05	9.4	0.974
266	5/19/2008 5:31	19.21	50.634	33.27	7.55	8.04	11.7	0.87
267	5/19/2008 5:46	19.49	50.636	33.28	7.38	8.03	9.6	0.797
268	5/19/2008 6:01	19.73	50.616	33.26	7.14	8.02	6.3	0.765
269	5/19/2008 6:16	19.8	50.634	33.27	6.93	8.01	6.1	0.725

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	5/19/2008 6:31	19.61	50.675	33.3	7.01	7.99	6.1	0.745
271	5/19/2008 6:46	19.42	50.667	33.3	7.24	7.99	6.3	0.767
272	5/19/2008 7:01	19.36	50.639	33.28	7.44	8	6.2	0.824
273	5/19/2008 7:16	19.24	50.632	33.27	7.49	7.99	6.9	0.891
274	5/19/2008 7:31	19.15	50.632	33.27	7.58	8	6.6	0.947
275	5/19/2008 7:46	19.17	50.476	33.16	7.46	7.99	7.7	1.033
276	5/19/2008 8:01	19.22	50.373	33.08	7.32	7.97	8.2	1.108
277	5/19/2008 8:16	19.2	50.339	33.06	7.26	7.97	8.2	1.168
278	5/19/2008 8:31	19.14	50.343	33.06	7.3	7.97	9	1.256
279	5/19/2008 8:46	18.99	50.419	33.12	7.43	7.98	9.3	1.342
280	5/19/2008 9:01	18.8	50.506	33.18	7.57	7.98	8.9	1.418
281	5/19/2008 9:16	18.46	50.555	33.22	7.8	7.99	9.7	1.509
282	5/19/2008 9:31	18.1	50.606	33.25	8.03	8	9.2	1.598
283	5/19/2008 9:46	17.59	50.639	33.27	8.43	8.01	9.1	1.687
284	5/19/2008 10:01	17.29	50.676	33.3	8.67	8.03	8.7	1.782
285	5/19/2008 10:16	17.15	50.685	33.3	8.77	8.03	8.1	1.872
286	5/19/2008 10:31	17.03	50.695	33.31	8.84	8.04	8.1	1.954
287	5/19/2008 10:46	16.86	50.707	33.31	8.91	8.04	9	2.049
288	5/19/2008 11:01	16.53	50.71	33.31	9.07	8.05	9.1	2.123
289	5/19/2008 11:16	16.22	50.702	33.3	9.19	8.05	7.5	2.194
290	5/19/2008 11:31	15.83	50.699	33.29	9.38	8.06	8.4	2.28
291	5/19/2008 11:46	15.5	50.732	33.31	9.59	8.07	8	2.346
292	5/19/2008 12:01	15.23	50.754	33.32	9.71	8.07	7.1	2.409
293	5/19/2008 12:16	14.93	50.781	33.33	9.8	8.08	6.7	2.472
294	5/19/2008 12:31	14.31	50.874	33.38	9.97	8.07	5.7	2.533
295	5/19/2008 12:46	13.84	50.925	33.41	10.08	8.08	4.6	2.579
296	5/19/2008 13:01	13.72	50.947	33.42	10.25	8.09	3.8	2.621
297	5/19/2008 13:16	13.62	50.999	33.45	10.11	8.07	3.4	2.647
298	5/19/2008 13:31	14.57	50.347	33.01	9.96	8.11	3.5	2.673
299	5/19/2008 13:46	13.68	51.009	33.46	10.12	8.09	3.1	2.666
300	5/19/2008 14:01	13.6	51.002	33.45	10.06	8.09	5.6	2.633
301	5/19/2008 14:16	14.3	50.518	33.12	9.76	8.1	3.4	2.612
302	5/19/2008 14:31	16.21	50.535	33.18	10.04	8.15	4.3	2.564
303	5/19/2008 14:46	16.17	51.016	33.53	10.14	8.15	4.5	2.492
304	5/19/2008 15:01	15.91	50.81	33.38	9.94	8.13	4.8	2.431
305	5/19/2008 15:16	16.43	50.72	33.32	10.02	8.15	5.1	2.359
306	5/19/2008 15:31	16.63	50.749	33.34	10.1	8.14	4.9	2.29
307	5/19/2008 15:46	17.11	50.628	33.26	10.06	8.16	4.4	2.233
308	5/19/2008 16:01	17.22	50.713	33.32	9.81	8.15	5.1	2.146
309	5/19/2008 16:16	17.38	50.671	33.29	9.88	8.15	4.9	2.092
310	5/19/2008 16:31	17.39	50.713	33.32	10.37	8.16	5.1	2.053
311	5/19/2008 16:46	17.68	50.665	33.29	10.04	8.15	4.6	1.994
312	5/19/2008 17:01	17.97	50.67	33.3	9.95	8.16	4.4	1.95
313	5/19/2008 17:16	18.35	50.64	33.28	9.92	8.16	5.1	1.917
314	5/19/2008 17:31	18.62	50.599	33.25	9.37	8.13	4.5	1.892

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	5/19/2008 17:46	18.72	50.63	33.27	9.08	8.12	4.2	1.871
316	5/19/2008 18:01	18.59	50.736	33.35	8.4	8.08	3.3	1.854
317	5/19/2008 18:16	18.4	50.666	33.3	9.6	8.13	4.6	1.865
318	5/19/2008 18:31	18.54	50.659	33.29	9.76	8.13	4.5	1.885
319	5/19/2008 18:46	18.41	50.637	33.28	9.58	8.11	6.7	1.916
320	5/19/2008 19:01	18.09	50.661	33.29	9.46	8.1	6.7	1.947
321	5/19/2008 19:16	17.9	50.671	33.3	9.53	8.09	7.8	2.004
322	5/19/2008 19:31	18.16	50.68	33.31	9.41	8.09	6.3	2.062
323	5/19/2008 19:46	17.73	50.655	33.29	9.46	8.08	6.7	2.115
324	5/19/2008 20:01	17.16	50.686	33.3	9.57	8.08	6.5	2.184
325	5/19/2008 20:16	16.59	50.72	33.32	9.69	8.08	5.3	2.25
326	5/19/2008 20:31	16.29	50.755	33.34	9.72	8.08	4.9	2.32
327	5/19/2008 20:46	15.4	50.817	33.37	9.91	8.08	4.7	2.386
328	5/19/2008 21:01	14.76	50.887	33.41	9.98	8.07	4.6	2.462
329	5/19/2008 21:16	14.51	50.911	33.42	9.98	8.08	4.8	2.543
330	5/19/2008 21:31	14.16	50.947	33.43	9.98	8.07	4.9	2.615
331	5/19/2008 21:46	13.99	50.958	33.44	10	8.08	4.9	2.7
332	5/19/2008 22:01	13.84	50.976	33.44	10.27	8.1	6.3	2.78
333	5/19/2008 22:16	13.41	51.03	33.47	10.38	8.1	6.5	2.862
334	5/19/2008 22:31	12.97	51.079	33.49	10.4	8.09	5.4	2.933
335	5/19/2008 22:46	12.59	51.141	33.51	10.39	8.09	4.3	3.002
336	5/19/2008 23:01	12.3	51.151	33.51	10.32	8.08	3.5	3.066
337	5/19/2008 23:16	11.95	51.204	33.53	10.3	8.07	3	3.112
338	5/19/2008 23:31	11.8	51.227	33.54	10.24	8.07	2.7	3.163
339	5/19/2008 23:46	11.72	51.236	33.54	10.1	8.06	2.4	3.192
340	5/20/2008 0:01	11.68	51.285	33.58	9.77	8.05	1.9	3.215
341	5/20/2008 0:16	11.98	51.222	33.55	9.92	8.06	2.9	3.224
342	5/20/2008 0:31	11.65	51.289	33.58	9.72	8.05	1	3.196
343	5/20/2008 0:46	11.61	51.305	33.59	9.47	8.05	2.3	3.17
344	5/20/2008 1:01	12.68	51.207	33.57	9.9	8.09	3.9	3.113
345	5/20/2008 1:16	13.1	50.994	33.43	9.75	8.08	3.2	3.044
346	5/20/2008 1:31	13.7	51.051	33.49	9.62	8.09	4	2.953
347	5/20/2008 1:46	13.92	51.049	33.5	9.54	8.09	4.5	2.866
348	5/20/2008 2:01	14.34	50.946	33.44	9.49	8.1	4.9	2.777
349	5/20/2008 2:16	14.46	50.958	33.45	9.5	8.1	5.4	2.668
350	5/20/2008 2:31	14.5	50.996	33.48	9.44	8.09	4.9	2.562
351	5/20/2008 2:46	15.08	50.861	33.39	9.33	8.1	6	2.453
352	5/20/2008 3:01	15.35	50.725	33.3	9.16	8.09	5.7	2.348
353	5/20/2008 3:16	15.19	50.77	33.33	9.11	8.08	5.1	2.239
354	5/20/2008 3:31	15.94	50.87	33.42	8.89	8.09	6.4	2.109
355	5/20/2008 3:46	16.35	50.915	33.46	8.71	8.08	7.1	1.993
356	5/20/2008 4:01	16.4	50.832	33.4	8.6	8.07	8.1	1.874
357	5/20/2008 4:16	17	50.739	33.34	8.31	8.06	7.7	1.739
358	5/20/2008 4:31	16.94	50.725	33.33	8.19	8.06	7.6	1.591
359	5/20/2008 4:46	16.95	50.76	33.35	8.09	8.05	7.9	1.462

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	5/20/2008 5:01	17.38	50.744	33.35	7.93	8.05	7.8	1.33
361	5/20/2008 5:16	18	50.712	33.33	7.62	8.04	7.6	1.189
362	5/20/2008 5:31	18.14	50.72	33.34	7.55	8.04	7.2	1.067
363	5/20/2008 5:46	18.48	50.714	33.33	7.33	8.04	7.3	0.949
364	5/20/2008 6:01	18.91	50.7	33.32	7.06	8.03	6.8	0.856
365	5/20/2008 6:16	19.05	50.704	33.33	6.89	8.01	7	0.792
366	5/20/2008 6:31	19.04	50.705	33.33	6.81	8.01	8.5	0.721
367	5/20/2008 6:46	19.09	50.709	33.33	6.7	8	6.2	0.698
368	5/20/2008 7:01	18.83	50.944	33.5	6.63	7.98	8	0.707
369	5/20/2008 7:16	18.97	50.741	33.35	6.84	7.98	7	0.738
370	5/20/2008 7:31	18.87	50.71	33.33	6.91	7.98	6.9	0.762
371	5/20/2008 7:46	18.81	50.705	33.33	7.01	7.98	6.8	0.845
372	5/20/2008 8:01	18.77	50.699	33.32	7.07	7.99	6.5	0.913
373	5/20/2008 8:16	18.68	50.662	33.3	7.18	7.99	7	0.975
374	5/20/2008 8:31	18.81	50.36	33.07	6.98	7.97	7.6	1.043
375	5/20/2008 8:46	18.72	50.421	33.12	7	7.97	8.2	1.147
376	5/20/2008 9:01	18.75	50.321	33.04	6.94	7.97	8.7	1.203
377	5/20/2008 9:16	18.63	50.412	33.11	6.98	7.97	7.8	1.283
378	5/20/2008 9:31	18.55	50.444	33.13	7.04	7.97	8.9	1.369
379	5/20/2008 9:46	18.4	50.487	33.17	7.15	7.98	9	1.455
380	5/20/2008 10:01	18.08	50.602	33.25	7.38	7.99	10.3	1.558
381	5/20/2008 10:16	17.39	50.672	33.29	7.84	8.01	9.2	1.626
382	5/20/2008 10:31	17.24	50.687	33.3	7.95	8.02	8.3	1.725
383	5/20/2008 10:46	16.98	50.707	33.32	8.1	8.03	9	1.837
384	5/20/2008 11:01	16.84	50.728	33.33	8.18	8.04	8	1.916
385	5/20/2008 11:16	16.74	50.727	33.33	8.22	8.04	7.9	2.008
386	5/20/2008 11:31	16.42	50.754	33.34	8.3	8.04	8.1	2.091
387	5/20/2008 11:46	16.24	50.754	33.34	8.36	8.05	7.5	2.173
388	5/20/2008 12:01	15.97	50.782	33.36	8.45	8.05	7	2.245
389	5/20/2008 12:16	15.75	50.784	33.35	8.52	8.05	6.8	2.312
390	5/20/2008 12:31	15.42	50.777	33.34	8.72	8.06	7	2.382
391	5/20/2008 12:46	15.17	50.798	33.35	8.8	8.07	6.2	2.448
392	5/20/2008 13:01	14.87	50.809	33.35	8.85	8.07	5.9	2.514
393	5/20/2008 13:16	14.21	50.895	33.4	8.94	8.06	4.7	2.552
394	5/20/2008 13:31	13.98	50.933	33.42	8.88	8.06	4.2	2.604
395	5/20/2008 13:46	13.63	50.97	33.43	8.93	8.06	3.7	2.645
396	5/20/2008 14:01	13.53	50.955	33.42	8.85	8.05	2.9	2.656
397	5/20/2008 14:16	13.77	51.047	33.49	8.78	8.06	3.6	2.681
398	5/20/2008 14:31	13.41	51.043	33.48	8.64	8.04	2.1	2.668
399	5/20/2008 14:46	13.65	50.898	33.38	8.58	8.05	2.2	2.626
400	5/20/2008 15:01	14.88	50.58	33.18	8.46	8.1	5.2	2.604
401	5/20/2008 15:16	15.21	50.822	33.37	8.76	8.12	5.3	2.552
402	5/20/2008 15:31	15.32	50.746	33.32	9	8.12	6.5	2.477
403	5/20/2008 15:46	15.56	50.76	33.33	9.04	8.13	7.2	2.412
404	5/20/2008 16:01	15.47	50.885	33.42	9.1	8.14	7.4	2.35

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	5/20/2008 16:16	15.7	50.778	33.35	9.04	8.13	6.3	2.286
406	5/20/2008 16:31	15.71	50.807	33.37	9.14	8.14	6.7	2.212
407	5/20/2008 16:46	16.23	50.644	33.26	8.91	8.13	6.3	2.164
408	5/20/2008 17:01	16.44	50.676	33.29	8.89	8.14	6.3	2.11
409	5/20/2008 17:16	16.48	50.69	33.3	8.89	8.14	5.7	2.06
410	5/20/2008 17:31	16.85	50.682	33.3	8.75	8.14	6.9	2.023
411	5/20/2008 17:46	17.11	50.646	33.27	8.38	8.11	5.4	1.987
412	5/20/2008 18:01	17.1	50.772	33.37	8.62	8.13	6.5	1.957
413	5/20/2008 18:16	17.46	50.695	33.31	8.07	8.1	5.6	1.939
414	5/20/2008 18:31	17.63	50.644	33.28	7.92	8.09	6.2	1.929
415	5/20/2008 18:46	17.73	50.658	33.29	6.8	8.02	2	1.938
416	5/20/2008 19:01	17.63	50.739	33.35	7.68	8.06	5.7	1.944
417	5/20/2008 19:16	17.6	50.685	33.31	7.82	8.06	5.6	1.976
418	5/20/2008 19:31	17.54	50.676	33.3	8.02	8.07	6.1	2.025
419	5/20/2008 19:46	17.44	50.673	33.3	7.95	8.06	7.5	2.048
420	5/20/2008 20:01	17.24	50.688	33.31	7.97	8.06	8.3	2.102
421	5/20/2008 20:16	17.05	50.69	33.3	8.1	8.06	8.5	2.169
422	5/20/2008 20:31	17.16	50.66	33.28	8.1	8.07	7.6	2.223
423	5/20/2008 20:46	16.99	50.694	33.31	8.18	8.07	8.1	2.289
424	5/20/2008 21:01	16.66	50.728	33.33	8.29	8.07	7.4	2.354
425	5/20/2008 21:16	15.66	50.802	33.36	8.57	8.06	7.3	2.43
426	5/20/2008 21:31	15	50.846	33.38	8.68	8.06	5.9	2.493
427	5/20/2008 21:46	14.39	50.907	33.41	8.82	8.06	4.9	2.565
428	5/20/2008 22:01	13.97	50.955	33.43	8.88	8.06	4.8	2.639
429	5/20/2008 22:16	13.69	50.985	33.44	8.93	8.07	4.6	2.708
430	5/20/2008 22:31	13.47	51.008	33.45	8.94	8.07	4.3	2.784
431	5/20/2008 22:46	13.12	51.036	33.46	9.04	8.07	4.4	2.86
432	5/20/2008 23:01	12.87	51.078	33.48	9.11	8.07	4.3	2.917
433	5/20/2008 23:16	12.64	51.083	33.47	9.19	8.08	4.1	2.999
434	5/20/2008 23:31	12.33	51.115	33.48	9.36	8.09	4	3.046
435	5/20/2008 23:46	12.21	51.14	33.5	9.35	8.09	3	3.094
436	5/21/2008 0:01	12.04	51.11	33.47	9.4	8.09	2.7	3.149
437	5/21/2008 0:16	11.84	51.21	33.53	9.3	8.08	2.6	3.168
438	5/21/2008 0:31	11.84	51.226	33.54	8.96	8.03	2	3.197
439	5/21/2008 0:46	12.14	51.171	33.52	9.17	8.08	3.2	3.182
440	5/21/2008 1:01	11.9	51.206	33.53	9.11	8.08	2.1	3.17
441	5/21/2008 1:16	12.25	51.104	33.47	8.84	8.07	3.3	3.134
442	5/21/2008 1:31	12.27	51.14	33.5	8.92	8.08	6.9	3.073
443	5/21/2008 1:46	12.35	51.063	33.45	8.93	8.09	7.2	3.006
444	5/21/2008 2:01	12.8	51.072	33.47	8.67	8.08	8.5	2.924
445	5/21/2008 2:16	12.65	51.037	33.44	8.75	8.08	8	2.843
446	5/21/2008 2:31	13.23	50.782	33.28	8.61	8.08	9	2.735
447	5/21/2008 2:46	13.81	50.934	33.41	8.31	8.08	8.2	2.635
448	5/21/2008 3:01	14.43	50.88	33.39	8.08	8.09	8.9	2.542
449	5/21/2008 3:16	14.67	50.91	33.42	7.94	8.08	9	2.441

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	5/21/2008 3:31	15.17	50.76	33.32	7.81	8.09	9.8	2.334
451	5/21/2008 3:46	14.7	50.838	33.37	7.92	8.07	12.1	2.215
452	5/21/2008 4:01	13.94	51.017	33.48	8.14	8.07	9.2	2.098
453	5/21/2008 4:16	14.14	51.121	33.56	8.03	8.07	10.3	1.976
454	5/21/2008 4:31	15.16	50.978	33.48	7.8	8.07	11.4	1.854
455	5/21/2008 4:46	15.33	50.814	33.37	7.68	8.07	10.7	1.722
456	5/21/2008 5:01	15.52	50.809	33.37	7.62	8.06	12.8	1.584
457	5/21/2008 5:16	15.69	50.783	33.35	7.52	8.06	12.8	1.454
458	5/21/2008 5:31	15.75	50.797	33.36	7.47	8.06	11.5	1.316
459	5/21/2008 5:46	15.78	50.828	33.39	7.39	8.06	12.9	1.179
460	5/21/2008 6:01	15.88	50.816	33.38	7.32	8.06	10.7	1.057
461	5/21/2008 6:16	16.14	50.824	33.39	7.12	8.05	12.3	0.931
462	5/21/2008 6:31	16.15	50.831	33.4	6.98	8.04	10.3	0.82
463	5/21/2008 6:46	16.17	50.786	33.36	6.78	8.02	9.4	0.742
464	5/21/2008 7:01	16.12	50.831	33.39	6.3	8.01	9	0.678
465	5/21/2008 7:16	16.01	50.948	33.48	6.62	7.98	6.5	0.647
466	5/21/2008 7:31	16.18	50.708	33.31	6.86	8.01	9.6	0.661
467	5/21/2008 7:46	16.11	50.81	33.38	7.07	8.02	8.1	0.697
468	5/21/2008 8:01	16.29	50.808	33.38	7.02	8.02	8.6	0.752
469	5/21/2008 8:16	16.43	50.768	33.35	6.85	8	8.4	0.801
470	5/21/2008 8:31	16.41	50.816	33.39	6.79	8	8.6	0.86
471	5/21/2008 8:46	16.37	50.857	33.42	6.75	7.99	10.7	0.928
472	5/21/2008 9:01	16.36	50.838	33.4	6.76	7.99	8.5	0.977
473	5/21/2008 9:16	16.36	50.808	33.38	6.73	8	8.4	1.043
474	5/21/2008 9:31	16.43	50.854	33.42	6.73	7.99	9.5	1.119
475	5/21/2008 9:46	16.45	50.875	33.43	6.74	7.98	10.1	1.193
476	5/21/2008 10:01	16.41	50.795	33.37	6.81	7.99	11.9	1.269
477	5/21/2008 10:16	16.36	50.761	33.35	6.91	8	12	1.353
478	5/21/2008 10:31	16.35	50.759	33.35	7.07	8.01	10.9	1.448
479	5/21/2008 10:46	16.36	50.756	33.34	7.08	8.01	11	1.537
480	5/21/2008 11:01	16.27	50.754	33.34	7.12	8.02	12.5	1.646
481	5/21/2008 11:16	15.89	50.773	33.35	7.4	8.03	13.4	1.736
482	5/21/2008 11:31	15.65	50.793	33.36	7.52	8.04	10.7	1.826
483	5/21/2008 11:46	15.53	50.804	33.36	7.61	8.05	9.9	1.926
484	5/21/2008 12:01	15.48	50.808	33.37	7.66	8.05	9.5	2.005
485	5/21/2008 12:16	15.48	50.802	33.36	7.65	8.05	8.3	2.081
486	5/21/2008 12:31	15.37	50.81	33.36	7.72	8.06	9.7	2.168
487	5/21/2008 12:46	15.24	50.817	33.37	7.81	8.06	8.7	2.233
488	5/21/2008 13:01	15.12	50.825	33.37	7.82	8.06	7.5	2.298
489	5/21/2008 13:16	15.02	50.823	33.37	7.87	8.06	7.3	2.365
490	5/21/2008 13:31	14.72	50.798	33.34	7.99	8.06	6.5	2.415
491	5/21/2008 13:46	14.44	50.799	33.33	8.12	8.07	5.7	2.467
492	5/21/2008 14:01	14.28	50.804	33.33	8.18	8.07	4.8	2.516
493	5/21/2008 14:16	14.04	50.906	33.4	8.27	8.08	5	2.555
494	5/21/2008 14:31	13.88	50.797	33.31	8.24	8.08	4.8	2.577

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	5/21/2008 14:46	14.03	50.83	33.34	7.51	8.05	2.1	2.588
496	5/21/2008 15:01	13.95	51.052	33.5	8.19	8.08	4	2.594
497	5/21/2008 15:16	13.7	50.879	33.37	8.14	8.07	3.5	2.578
498	5/21/2008 15:31	14.4	50.28	32.95	7.78	8.03	8.4	2.552
499	5/21/2008 15:46	14.87	50.712	33.28	8.18	8.11	9.5	2.493
500	5/21/2008 16:01	14.74	50.875	33.4	8.48	8.12	19.2	2.451
501	5/21/2008 16:16	14.61	50.871	33.39	8.5	8.12	7.6	2.408
502	5/21/2008 16:31	14.65	50.862	33.38	8.29	8.12	6.7	2.33
503	5/21/2008 16:46	14.72	50.834	33.37	8.43	8.12	8.2	2.262
504	5/21/2008 17:01	14.91	50.83	33.37	8.25	8.13	8.4	2.216
505	5/21/2008 17:16	15.08	50.8	33.35	8.12	8.13	7.6	2.156
506	5/21/2008 17:31	15.29	50.78	33.34	8.11	8.13	7.6	2.108
507	5/21/2008 17:46	15.56	50.608	33.22	8.04	8.12	7.6	2.059
508	5/21/2008 18:01	15.66	50.704	33.29	8.16	8.13	9.6	2.016
509	5/21/2008 18:16	15.64	50.815	33.37	8.25	8.13	9.9	1.984
510	5/21/2008 18:31	15.69	50.86	33.41	8.13	8.12	7.9	1.95
511	5/21/2008 18:46	15.8	50.827	33.39	7.84	8.11	13.1	1.928
512	5/21/2008 19:01	16.04	50.794	33.37	7.94	8.1	10.1	1.917
513	5/21/2008 19:16	16.25	50.762	33.35	7.6	8.04	7.8	1.933
514	5/21/2008 19:31	16.38	50.776	33.36	6.67	7.96	3.9	1.935
515	5/21/2008 19:46	16.54	50.73	33.33		8.01	9.6	1.953
516	5/21/2008 20:01	16.6	50.827	33.4	7.45	8.05	10.3	1.987
517	5/21/2008 20:16	16.53	50.776	33.36	7.58	8.06	10.3	2.025
518	5/21/2008 20:31	16.48	50.786	33.37	7.57	8.06	12.7	2.076
519	5/21/2008 20:46	16.24	50.787	33.36	7.71	8.07	15.1	2.136
520	5/21/2008 21:01	16.31	50.711	33.31	7.78	8.08	11.6	2.181
521	5/21/2008 21:16	16.32	50.751	33.34	7.79	8.08	11.6	2.24
522	5/21/2008 21:31	16.18	50.764	33.35	7.88	8.08	12.6	2.313
523	5/21/2008 21:46	15.24	50.847	33.39	8.11	8.08	11	2.369
524	5/21/2008 22:01	15.1	50.839	33.38	8.16	8.09	7	2.439
525	5/21/2008 22:16	14.15	50.921	33.41	8.42	8.09	6.3	2.508
526	5/21/2008 22:31	13.71	50.959	33.43	8.58	8.1	7.4	2.575
527	5/21/2008 22:46	13.5	50.989	33.44	8.68	8.11	7.6	2.649
528	5/21/2008 23:01	13.19	51.007	33.44	8.75	8.11	7.5	2.705
529	5/21/2008 23:16	12.86	51.041	33.45	8.83	8.11	6.8	2.776
530	5/21/2008 23:31	12.59	51.066	33.46	8.97	8.12	7.2	2.852
531	5/21/2008 23:46	12.38	51.091	33.47	8.99	8.12	6.4	2.913
532	5/22/2008 0:01	12.15	51.131	33.49	9.07	8.13	4.5	2.968
533	5/22/2008 0:16	11.99	51.144	33.49	9.16	8.13	4.5	3.032
534	5/22/2008 0:31	11.83	51.163	33.49	9.18	8.13	3.8	3.067
535	5/22/2008 0:46	11.82	51.173	33.5	8.92	8.11	3.2	3.088
536	5/22/2008 1:01	11.74	51.225	33.54	8.64	8.09	2.1	3.117
537	5/22/2008 1:16	12.42	51.16	33.52	8.62	8.13	5.8	3.11
538	5/22/2008 1:31	12.01	51.16	33.5	8.58	8.11	2.9	3.1
539	5/22/2008 1:46	12.16	50.961	33.36	8.45	8.12	3.9	3.073

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	5/22/2008 2:01	12.05	51.091	33.45	8.74	8.13	7.8	3.011
541	5/22/2008 2:16	12.29	51.066	33.45	8.64	8.12	11.2	2.946
542	5/22/2008 2:31	12.47	51.076	33.46	8.47	8.11	14.1	2.871
543	5/22/2008 2:46	12.38	51.064	33.45	8.5	8.11	15.7	2.791
544	5/22/2008 3:01	12.39	51.038	33.43	8.48	8.11	19.2	2.698
545	5/22/2008 3:16	12.38	51.002	33.4	8.48	8.11	21.3	2.597
546	5/22/2008 3:31	12.71	50.961	33.39	8.35	8.12	19.9	2.504
547	5/22/2008 3:46	13.74	50.895	33.38	7.85	8.11	19.9	2.408
548	5/22/2008 4:01	13.07	51.158	33.55	7.9	8.1	14.4	2.312
549	5/22/2008 4:16	12.7	51.184	33.55	8.07	8.1	16	2.198
550	5/22/2008 4:31	13.18	50.896	33.36	8.04	8.1	14.8	2.082
551	5/22/2008 4:46	13.67	50.743	33.27	7.94	8.1	18.6	1.97
552	5/22/2008 5:01	13.39	51.452	33.78	7.94	8.1	20.1	1.851
553	5/22/2008 5:16	13.86	50.991	33.45	7.89	8.1	17.8	1.711
554	5/22/2008 5:31	13.97	50.986	33.45	7.82	8.1	16.8	1.589
555	5/22/2008 5:46	14.22	50.955	33.44	7.7	8.1	17.8	1.442
556	5/22/2008 6:01	14.28	50.878	33.39	7.61	8.09	17.7	1.317
557	5/22/2008 6:16	14.2	51.045	33.51	7.58	8.08	16.4	1.191
558	5/22/2008 6:31	14.46	50.855	33.37	7.48	8.07	15.9	1.059
559	5/22/2008 6:46	14.59	50.869	33.39	7.29	8.07	13.1	0.936
560	5/22/2008 7:01	14.75	50.848	33.38	7.06	8.05	12.3	0.846
561	5/22/2008 7:16	14.73	50.886	33.4	6.79	8.04	9	0.735
562	5/22/2008 7:31	14.69	50.918	33.43	6.88	8.03	9.4	0.661
563	5/22/2008 7:46	14.66	50.926	33.43	6.75	8.02	7	0.642
564	5/22/2008 8:01	14.65	50.893	33.41	7.06	8.04	10.4	0.617
565	5/22/2008 8:16	14.69	50.924	33.43	7.18	8.05	11.7	0.627
566	5/22/2008 8:31	14.77	50.929	33.44	7.17	8.04	11.4	0.681
567	5/22/2008 8:46	14.78	50.878	33.4	7.13	8.04	10.9	0.729
568	5/22/2008 9:01	14.84	50.902	33.42	7.05	8.04	11.9	0.768
569	5/22/2008 9:16	14.75	50.974	33.47	7.08	8.02	13.7	0.835
570	5/22/2008 9:31	14.78	50.952	33.45	6.97	8.02	11.7	0.893
571	5/22/2008 9:46	14.84	50.936	33.44	6.98	8.03	12.6	0.975
572	5/22/2008 10:01	14.88	50.941	33.45	6.99	8.03	13.7	1.032
573	5/22/2008 10:16	14.89	50.955	33.46	7.01	8.03	12.3	1.1
574	5/22/2008 10:31	14.88	50.964	33.46	7.01	8.03	12.9	1.173
575	5/22/2008 10:46	14.85	50.902	33.42	7.09	8.04	14.5	1.253
576	5/22/2008 11:01	14.92	50.92	33.43	7.1	8.04	14.6	1.337
577	5/22/2008 11:16	14.92	50.903	33.42	7.14	8.05	16.5	1.424
578	5/22/2008 11:31	14.94	50.888	33.41	7.15	8.05	16	1.522
579	5/22/2008 11:46	14.88	50.882	33.41	7.26	8.06	14.7	1.606
580	5/22/2008 12:01	14.68	50.893	33.41	7.44	8.07	14.6	1.713
581	5/22/2008 12:16	14.48	50.865	33.38	7.56	8.07	12.3	1.794
582	5/22/2008 12:31	14.33	50.873	33.38	7.65	8.08	18	1.88
583	5/22/2008 12:46	14.24	50.906	33.41	7.68	8.08	21.6	1.961
584	5/22/2008 13:01	14.22	50.894	33.4	7.7	8.1	15.8	2.034

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	5/22/2008 13:16	14.21	50.897	33.4	7.72	8.09	17.2	2.099
586	5/22/2008 13:31	14.16	50.885	33.39	7.76	8.09	21.5	2.169
587	5/22/2008 13:46	14.11	50.883	33.38	7.78	8.09	19.8	2.223
588	5/22/2008 14:01	14.1	50.907	33.4	7.74	8.09	16	2.279
589	5/22/2008 14:16	14.08	50.9	33.4	7.76	8.09	6.7	2.337
590	5/22/2008 14:31	14.03	50.888	33.38	7.78	8.09	4.7	2.373
591	5/22/2008 14:46	14.27	50.73	33.28	7.73	8.1	4.1	2.406
592	5/22/2008 15:01	14.36	50.904	33.41	7.49	8.08	3.1	2.434
593	5/22/2008 15:16	14.09	51.107	33.55	7.1	8.06	2.3	2.457
594	5/22/2008 15:31	13.79	51.025	33.48	7.87	8.09	5.2	2.436
595	5/22/2008 15:46	14.31	50.581	33.17	7.66	8.08	5.6	2.433
596	5/22/2008 16:01	14.38	50.912	33.41	7.64	8.11	7.4	2.417
597	5/22/2008 16:16	14.18	50.965	33.45	8.1	8.12	6.8	2.378
598	5/22/2008 16:31	14.02	50.93	33.42	8.11	8.13	6.6	2.352
599	5/22/2008 16:46	13.92	50.93	33.41	8.29	8.14	7.3	2.29
600	5/22/2008 17:01	13.89	50.905	33.39	8.37	8.14	6.6	2.248
601	5/22/2008 17:16	13.89	50.929	33.41	8.25	8.14	8.2	2.211
602	5/22/2008 17:31	13.83	50.959	33.43	8.32	8.15	8.4	2.133
603	5/22/2008 17:46	14.13	50.779	33.31	8.08	8.13	7.9	2.095
604	5/22/2008 18:01	14.26	50.829	33.35	7.68	8.12	9.2	2.048
605	5/22/2008 18:16	14.32	50.81	33.34	7.52	8.11	8.1	1.994
606	5/22/2008 18:31	14.33	50.849	33.37	7.53	8.11	8.9	1.968
607	5/22/2008 18:46	14.45	50.814	33.34	8	8.12	12.4	1.915
608	5/22/2008 19:01	14.64	50.855	33.38	8.02	8.13	14.5	1.895
609	5/22/2008 19:16	14.86	50.77	33.32	7.67	8.1	11.4	1.877
610	5/22/2008 19:31	14.9	50.891	33.41	7.65	8.1	10.3	1.866
611	5/22/2008 19:46	14.86	50.988	33.48	7.78	8.1	13.2	1.86
612	5/22/2008 20:01	14.99	50.925	33.44	7.14	8.04	6	1.863
613	5/22/2008 20:16	15.16	50.823	33.37	6.26	8.03	8.8	1.878
614	5/22/2008 20:31	15.19	50.957	33.47	7.15	8.08	12	1.892
615	5/22/2008 20:46	15.08	51.006	33.5	7.54	8.07	11.3	1.934
616	5/22/2008 21:01	15.19	50.89	33.42	7.48	8.07	10.4	1.964
617	5/22/2008 21:16	15.14	51.007	33.5	7.4	8.07	10.4	2.009
618	5/22/2008 21:31	14.98	50.998	33.49	7.48	8.08	10.4	2.067
619	5/22/2008 21:46	14.95	50.938	33.45	7.55	8.08	11.2	2.122
620	5/22/2008 22:01	15.01	50.905	33.43	7.61	8.09	11.8	2.165
621	5/22/2008 22:16	15.16	50.938	33.45	7.55	8.1	11.6	2.22
622	5/22/2008 22:31	15.01	50.956	33.46	7.67	8.11	12.3	2.283
623	5/22/2008 22:46	14.2	51.007	33.48	7.91	8.1	9.6	2.331
624	5/22/2008 23:01	14.21	50.97	33.45	7.96	8.11	7.7	2.39
625	5/22/2008 23:16	13.78	50.958	33.43	8.06	8.1	6.5	2.452
626	5/22/2008 23:31	13.14	51.076	33.49	8.2	8.1	6.4	2.516
627	5/22/2008 23:46	12.98	51.064	33.48	8.31	8.11	6.5	2.581
628	5/23/2008 0:01	12.58	51.11	33.49	8.38	8.11	5.6	2.635
629	5/23/2008 0:16	12.33	51.155	33.51	8.28	8.1	4.2	2.695

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
630	5/23/2008 0:31	12.09	51.173	33.52	8.31	8.1	4	2.754
631	5/23/2008 0:46	11.96	51.184	33.52	8.31	8.1	3.1	2.773
632	5/23/2008 1:01	11.91	51.148	33.49	8.04	8.09	3.2	2.819
633	5/23/2008 1:16	12.32	51.287	33.61	8.12	8.12	9.1	2.849
634	5/23/2008 1:31	12.7	51.112	33.5	7.86	8.1	9.3	2.873
635	5/23/2008 1:46	12.28	51.119	33.49	7.58	8.07	6.9	2.893
636	5/23/2008 2:01	12	51.186	33.52	8.08	8.09	10.9	2.869
637	5/23/2008 2:16	11.91	51.154	33.49	8.18	8.1	12	2.845
638	5/23/2008 2:31	11.75	51.165	33.49	8.31	8.1	15.1	2.804
639	5/23/2008 2:46	11.7	51.142	33.47	8.32	8.1	15.9	2.78
640	5/23/2008 3:01	11.64	51.144	33.47	8.38	8.11	26.6	2.689
641	5/23/2008 3:16	11.59	51.146	33.47	8.4	8.11	32	2.627
642	5/23/2008 3:31	11.5	51.156	33.47	8.43	8.11	25.5	2.555
643	5/23/2008 3:46	11.52	51.123	33.45	8.37	8.11	24.1	2.467
644	5/23/2008 4:01	11.62	51.102	33.44	8.35	8.11	25.3	2.385
645	5/23/2008 4:16	11.85	51.061	33.42	8.28	8.12	31.7	2.285
646	5/23/2008 4:31	12.22	51.02	33.41	7.97	8.12	24	2.214
647	5/23/2008 4:46	12.4	50.972	33.38	8	8.12	24.3	2.103
648	5/23/2008 5:01	12.42	51.067	33.45	7.98	8.12	28.2	1.994
649	5/23/2008 5:16	12.63	50.929	33.36	7.87	8.13	19.6	1.894
650	5/23/2008 5:31	12.6	51.09	33.48	7.96	8.13	25.4	1.771
651	5/23/2008 5:46	12.57	51.014	33.42	7.92	8.13	27.7	1.663
652	5/23/2008 6:01	12.91	50.922	33.37	7.8	8.13	30.4	1.53
653	5/23/2008 6:16	13.05	50.944	33.39	7.78	8.13	30.1	1.402
654	5/23/2008 6:31	13	51.046	33.46	7.89	8.13	36	1.278
655	5/23/2008 6:46	13.01	51.033	33.45	7.85	8.13	31.6	1.153
656	5/23/2008 7:01	13.15	50.964	33.41	7.81	8.13	32.2	1.037
657	5/23/2008 7:16	13.32	50.947	33.4	7.76	8.13	31.7	0.914
658	5/23/2008 7:31	13.31	50.997	33.44	7.64	8.13	23.5	0.814
659	5/23/2008 7:46	13.43	50.947	33.41	7.08	8.1	14.2	0.725
660	5/23/2008 8:01	13.41	51.023	33.46	7.12	8.1	12.9	0.659
661	5/23/2008 8:16	13.41	51.029	33.47	7.04	8.1	12.5	0.591
662	5/23/2008 8:31	13.41	51.052	33.48	6.98	8.1	17	0.582
663	5/23/2008 8:46	13.35	51.043	33.47	7.39	8.11	18.5	0.567
664	5/23/2008 9:01	13.29	51.067	33.49	7.48	8.11	21.1	0.616
665	5/23/2008 9:16	13.33	51.023	33.46	7.49	8.11	18.9	0.65
666	5/23/2008 9:31	13.34	51.051	33.48	7.52	8.12	20.1	0.707
667	5/23/2008 9:46	13.27	51.107	33.52	7.49	8.12	22.3	0.772
668	5/23/2008 10:01	13.27	51.053	33.48	7.53	8.12	21.6	0.828
669	5/23/2008 10:16	13.35	51.035	33.47	7.49	8.12	20.9	0.882
670	5/23/2008 10:31	13.41	51.025	33.46	7.41	8.12	21.7	0.953
671	5/23/2008 10:46	13.41	51.052	33.48	7.59	8.13	23.1	1.024
672	5/23/2008 11:01	13.4	51.05	33.48	7.6	8.13	21.1	1.077
673	5/23/2008 11:16	13.37	51.042	33.47	7.64	8.13	24.3	1.172
674	5/23/2008 11:31	13.33	51.019	33.46	7.67	8.13	25.2	1.253

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	5/23/2008 11:46	13.34	51	33.44	7.69	8.13	25	1.327
676	5/23/2008 12:01	13.38	51.002	33.45	7.69	8.14	23.6	1.416
677	5/23/2008 12:16	13.43	51.019	33.46	7.74	8.14	23.7	1.506
678	5/23/2008 12:31	13.39	51.025	33.46	7.75	8.14	26.1	1.605
679	5/23/2008 12:46	13.15	51.037	33.46	7.83	8.14	21.7	1.685
680	5/23/2008 13:01	13	51.003	33.43	7.86	8.14	18.7	1.776
681	5/23/2008 13:16	12.93	50.995	33.42	7.87	8.14	17.5	1.865
682	5/23/2008 13:31	12.92	50.988	33.42	7.85	8.14	16	1.939
683	5/23/2008 13:46	12.95	50.985	33.42	7.85	8.14	16.5	2.005
684	5/23/2008 14:01	12.97	50.99	33.42	7.86	8.14	14.5	2.065
685	5/23/2008 14:16	12.95	50.986	33.42	7.86	8.14	13.9	2.132
686	5/23/2008 14:31	12.96	50.943	33.39	7.85	8.14	13.1	2.195
687	5/23/2008 14:46	12.99	50.93	33.38	7.84	8.14	11.6	2.239
688	5/23/2008 15:01	12.96	50.943	33.39	7.84	8.13	10.5	2.286
689	5/23/2008 15:16	12.89	50.942	33.38	7.95	8.13	8.4	2.343
690	5/23/2008 15:31	12.73	50.994	33.41	8	8.13	8.5	2.372
Mean		15.42	50.81	33.35	8.94	8.10	8.81	2.05
Minimum		11.32	50.22	32.95	6.26	7.96	1.00	0.57
Maximum		19.96	51.45	33.78	11.95	8.23	36.00	3.22
Standard Dev.		2.24	0.22	0.12	1.36	0.05	5.27	0.67

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					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	5/23/2008 16:01	12.88	51.149	33.53	7.92	7.8		2.42
1	5/23/2008 16:16	12.64	51.037	33.44	8.01	7.83	7.6	2.468
2	5/23/2008 16:31	12.72	51.058	33.46	7.95	7.84	8.1	2.443
3	5/23/2008 16:46	13.18	51.283	33.64	7.96	7.86	9.3	2.414
4	5/23/2008 17:01	13.27	50.918	33.38	8.17	7.87	12.9	2.388
5	5/23/2008 17:16	13.04	51.052	33.47	8.27	7.88	12.9	2.346
6	5/23/2008 17:31	12.88	51.01	33.43	8.31	7.88	11.1	2.298
7	5/23/2008 17:46	12.81	51.172	33.55	8.35	7.88	11	2.253
8	5/23/2008 18:01	12.82	51.074	33.48	8.29	7.88	10.3	2.197
9	5/23/2008 18:16	12.89	51.105	33.5	8.12	7.88	10.5	2.159
10	5/23/2008 18:31	12.96	51.011	33.44	8.04	7.87	8.9	2.114
11	5/23/2008 18:46	12.92	50.901	33.35	8.14	7.88	8.1	2.062
12	5/23/2008 19:01	13	50.871	33.34	8	7.89	8.5	2.022
13	5/23/2008 19:16	13.1	50.973	33.41	7.97	7.88	10.4	1.994
14	5/23/2008 19:31	13.17	51.107	33.51	7.58	7.87	7.4	1.96
15	5/23/2008 19:46	13.15	50.88	33.35	8.05	7.89	8.7	1.943
16	5/23/2008 20:01	13.2	50.912	33.37	7.8	7.88	7.7	1.922
17	5/23/2008 20:16	13.29	51.273	33.64	7.95	7.9	8.6	1.904
18	5/23/2008 20:31	13.31	51.035	33.47	7.95	7.9	7.6	1.923
19	5/23/2008 20:46	13.3	51.06	33.49	8.04	7.9	8.4	1.924
20	5/23/2008 21:01	13.49	51.005	33.45	7.85	7.9	7.6	1.927
21	5/23/2008 21:16	13.6	51.027	33.47	8.1	7.9	11.4	1.983
22	5/23/2008 21:31	13.56	50.994	33.45	8.08	7.9	11.5	2.004
23	5/23/2008 21:46	13.63	50.955	33.42	8.08	7.9	12	2.052
24	5/23/2008 22:01	13.55	51.049	33.49	8.11	7.9	11.3	2.099
25	5/23/2008 22:16	14.02	51.171	33.59	8.08	7.91	16.1	2.142
26	5/23/2008 22:31	13.82	51.105	33.54	8.1	7.9	12.6	2.195
27	5/23/2008 22:46	13.67	51.092	33.52	8.09	7.9	12	2.245
28	5/23/2008 23:01	13.62	51.12	33.54	8.1	7.9	12.1	2.308
29	5/23/2008 23:16	12.98	51.119	33.52	8.28	7.88	12	2.371
30	5/23/2008 23:31	12.44	51.268	33.6	8.43	7.87	9.4	2.421
31	5/23/2008 23:46	12.06	51.061	33.43	8.56	7.87	9.5	2.48
32	5/24/2008 0:01	11.91	51.354	33.64	8.63	7.87	8.1	2.548
33	5/24/2008 0:16	11.81	51.142	33.48	8.64	7.86	7.3	2.606
34	5/24/2008 0:31	11.6	51.318	33.6	8.72	7.86	7.9	2.659
35	5/24/2008 0:46	11.29	51.296	33.56	8.79	7.85	8.8	2.712
36	5/24/2008 1:01	11.33	51.073	33.4	8.75	7.86	5.8	2.772
37	5/24/2008 1:16	11.26	51.47	33.69	8.72	7.85	6.7	2.818
38	5/24/2008 1:31	11.05	51.335	33.58	8.81	7.85	5.4	2.855
39	5/24/2008 1:46	11	51.204	33.48	8.69	7.84	4.5	2.888
40	5/24/2008 2:01	10.93	51.085	33.39	8.77	7.84	3.7	2.925
41	5/24/2008 2:16	10.88	51.398	33.61	8.51	7.83	3.6	2.927
42	5/24/2008 2:31	10.96	51.063	33.37	8.72	7.84	4.6	2.92
43	5/24/2008 2:46	11.08	51	33.34	8.12	7.8	3.8	2.919
44	5/24/2008 3:01	11.01	51.344	33.58	8.21	7.81	2.3	2.888

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	5/24/2008 3:16	11.09	51.244	33.51	8.36	7.83	4.3	2.84
46	5/24/2008 3:31	11.14	51.357	33.6	8.47	7.83	5.1	2.78
47	5/24/2008 3:46	12.34	50.956	33.37	7.93	7.85	7.2	2.724
48	5/24/2008 4:01	12.13	51.196	33.53	8.09	7.85	7.9	2.658
49	5/24/2008 4:16	12.33	50.772	33.23	7.98	7.85	7.4	2.565
50	5/24/2008 4:31	12.26	51.035	33.42	8.09	7.85	8.6	2.476
51	5/24/2008 4:46	12.51	50.959	33.38	7.9	7.86	7.7	2.39
52	5/24/2008 5:01	12.74	51.003	33.42	7.83	7.86	8	2.312
53	5/24/2008 5:16	12.95	51.012	33.44	7.67	7.86	9	2.208
54	5/24/2008 5:31	13.07	50.784	33.27	7.58	7.86	11.4	2.113
55	5/24/2008 5:46	13.05	50.992	33.43	7.65	7.86	13	2.022
56	5/24/2008 6:01	12.94	51.287	33.64	7.72	7.86	12.5	1.92
57	5/24/2008 6:16	12.68	50.901	33.34	7.88	7.85	13.6	1.804
58	5/24/2008 6:31	12.5	51.125	33.5	7.96	7.85	11.2	1.679
59	5/24/2008 6:46	12.56	51.248	33.59	7.88	7.85	11.3	1.567
60	5/24/2008 7:01	13	51.269	33.63	7.78	7.86	14.5	1.452
61	5/24/2008 7:16	12.94	51.299	33.65	7.71	7.86	12.7	1.344
62	5/24/2008 7:31	13.01	51.195	33.57	7.66	7.85	12.1	1.217
63	5/24/2008 7:46	13.19	51.181	33.57	7.58	7.86	10.3	1.1
64	5/24/2008 8:01	13.3	51.208	33.59	7.55	7.87	11.6	1.029
65	5/24/2008 8:16	13.34	51.201	33.59	7.44	7.86	8.5	0.922
66	5/24/2008 8:31	13.44	51.248	33.63	7.27	7.86	7.9	0.84
67	5/24/2008 8:46	13.44	51.271	33.64	7.11	7.85	5.9	0.796
68	5/24/2008 9:01	13.48	51.066	33.5	6.78	7.84	4.1	0.748
69	5/24/2008 9:16	13.45	51.253	33.63	7.38	7.87	8.3	0.757
70	5/24/2008 9:31	13.46	51.186	33.58	7.53	7.86	7.5	0.761
71	5/24/2008 9:46	13.53	51.068	33.5	7.47	7.87	9.2	0.787
72	5/24/2008 10:01	13.52	51.288	33.66	7.56	7.87	9.5	0.853
73	5/24/2008 10:16	13.55	51.233	33.62	7.53	7.87	13.7	0.893
74	5/24/2008 10:31	13.67	51.299	33.67	7.46	7.87	10.8	0.96
75	5/24/2008 10:46	13.66	50.954	33.42	7.48	7.87	11.8	1.024
76	5/24/2008 11:01	13.76	51.003	33.46	7.4	7.87	11.6	1.074
77	5/24/2008 11:16	13.75	50.866	33.36	7.37	7.87	13.4	1.147
78	5/24/2008 11:31	13.76	51.134	33.56	7.32	7.86	11.5	1.187
79	5/24/2008 11:46	13.69	51.001	33.46	7.37	7.86	13.4	1.255
80	5/24/2008 12:01	13.65	51.18	33.59	7.35	7.86	12.6	1.336
81	5/24/2008 12:16	13.6	50.754	33.27	7.48	7.86	13.3	1.413
82	5/24/2008 12:31	13.61	51.127	33.55	7.44	7.86	13.9	1.49
83	5/24/2008 12:46	13.49	51.133	33.55	7.44	7.86	13.8	1.577
84	5/24/2008 13:01	13.3	51.002	33.44	7.59	7.86	11.8	1.663
85	5/24/2008 13:16	13.23	51.042	33.47	7.69	7.86	11	1.749
86	5/24/2008 13:31	13.13	51.113	33.52	7.78	7.86	9.9	1.826
87	5/24/2008 13:46	13.04	51.207	33.58	7.8	7.86	10.3	1.913
88	5/24/2008 14:01	12.95	51.501	33.79	7.86	7.86	54.5	1.985
89	5/24/2008 14:16	12.93	51.189	33.56	7.97	7.87	10.4	2.064

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	5/24/2008 14:31	12.83	50.944	33.38	8	7.86	11.1	2.129
91	5/24/2008 14:46	12.75	51.084	33.48	8.01	7.86	10.9	2.193
92	5/24/2008 15:01	12.59	51.017	33.42	8.08	7.85	11	2.256
93	5/24/2008 15:16	12.42	50.911	33.34	8.12	7.84	9.9	2.306
94	5/24/2008 15:31	12.26	51.251	33.58	8.22	7.84	9.3	2.369
95	5/24/2008 15:46	12.18	51.068	33.44	8.26	7.84	7	2.417
96	5/24/2008 16:01	12.09	50.949	33.35	8.24	7.84	7.1	2.458
97	5/24/2008 16:16	12.02	50.875	33.29	8.25	7.83	5.6	2.492
98	5/24/2008 16:31	11.91	51.33	33.62	8.01	7.81	3.8	2.519
99	5/24/2008 16:46	11.89	51.195	33.52	7.38	7.79	3.9	2.536
100	5/24/2008 17:01	11.87	51.245	33.56	8.19	7.82	4.8	2.538
101	5/24/2008 17:16	11.95	51.24	33.56	7.62	7.81	3.1	2.526
102	5/24/2008 17:31	11.96	51.216	33.54	7.71	7.8	3.7	2.517
103	5/24/2008 17:46	12.18	51.108	33.47	8	7.82	4	2.481
104	5/24/2008 18:01	12.45	50.919	33.35	8.12	7.85	4.2	2.431
105	5/24/2008 18:16	12.65	50.913	33.35	8.3	7.87	4.2	2.389
106	5/24/2008 18:31	12.83	50.987	33.41	8.52	7.89	4.5	2.34
107	5/24/2008 18:46	13.05	50.969	33.41	8.43	7.9	4.6	2.295
108	5/24/2008 19:01	13.3	51.207	33.59	8.46	7.91	5.1	2.24
109	5/24/2008 19:16	13.43	51.09	33.51	8.37	7.91	4.6	2.19
110	5/24/2008 19:31	13.44	51.062	33.49	8.17	7.9	3.7	2.147
111	5/24/2008 19:46	13.36	51.1	33.52	8.01	7.89	4.2	2.115
112	5/24/2008 20:01	13.47	50.922	33.39	8.23	7.91	4.8	2.069
113	5/24/2008 20:16	13.4	51.054	33.48	8.02	7.89	4.8	2.045
114	5/24/2008 20:31	13.42	51.192	33.59	7.92	7.89	4.9	2.031
115	5/24/2008 20:46	13.43	51.112	33.53	7.35	7.85	2.4	2.001
116	5/24/2008 21:01	13.43	50.843	33.33	8.43	7.91	5.8	1.997
117	5/24/2008 21:16	13.38	51.161	33.56	8.28	7.9	6	1.987
118	5/24/2008 21:31	13.34	50.989	33.44	8.19	7.89	6.8	2.004
119	5/24/2008 21:46	13.3	50.945	33.4	8.31	7.89	6	2.02
120	5/24/2008 22:01	13.28	51.115	33.52	8.19	7.89	5.9	2.045
121	5/24/2008 22:16	13.23	51.104	33.51	8.25	7.88	6.3	2.074
122	5/24/2008 22:31	13.18	51.072	33.49	8.25	7.88	5.9	2.104
123	5/24/2008 22:46	13.14	51.245	33.61	8.18	7.88	6.2	2.154
124	5/24/2008 23:01	13.05	51.026	33.45	8.19	7.87	6.4	2.196
125	5/24/2008 23:16	12.97	51.171	33.55	8.18	7.87	5.8	2.247
126	5/24/2008 23:31	12.89	51.093	33.49	8.22	7.86	5.9	2.29
127	5/24/2008 23:46	12.77	51.226	33.58	8.22	7.86	5.6	2.344
128	5/25/2008 0:01	12.49	51.205	33.56	8.22	7.84	6.1	2.404
129	5/25/2008 0:16	12.27	51.123	33.49	8.2	7.83	6.4	2.441
130	5/25/2008 0:31	12.16	51.336	33.64	8.13	7.82	5.6	2.498
131	5/25/2008 0:46	11.76	51.378	33.65	8.27	7.81	4.8	2.555
132	5/25/2008 1:01	11.51	51.253	33.54	8.3	7.8	4.6	2.6
133	5/25/2008 1:16	11.31	51.313	33.58	8.33	7.79	4.2	2.649
134	5/25/2008 1:31	11.22	51.437	33.66	8.32	7.79	4.3	2.698

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	5/25/2008 1:46	11.09	51.471	33.68	8.27	7.78	3.4	2.745
136	5/25/2008 2:01	11.01	51.159	33.45	8.31	7.78	3.2	2.786
137	5/25/2008 2:16	10.89	51.496	33.68	8.25	7.78	2.9	2.817
138	5/25/2008 2:31	10.85	51.424	33.63	8.19	7.78	3	2.849
139	5/25/2008 2:46	10.82	51.277	33.52	7.99	7.77	3	2.862
140	5/25/2008 3:01	10.99	51.961	34.03	7.87	7.78	2.1	2.87
141	5/25/2008 3:16	10.89	51.506	33.69	7.95	7.76	2.9	2.856
142	5/25/2008 3:31	10.94	51.248	33.51	7.68	7.74	2.5	2.853
143	5/25/2008 3:46	10.89	51.275	33.52	7.55	7.74	2.3	2.82
144	5/25/2008 4:01	11.3	51.235	33.52	7.89	7.78	4	2.766
145	5/25/2008 4:16	11.96	51.141	33.48	7.71	7.79	5.1	2.717
146	5/25/2008 4:31	12.12	51.306	33.61	7.75	7.8	6	2.663
147	5/25/2008 4:46	11.97	51.253	33.57	7.82	7.79	6.4	2.593
148	5/25/2008 5:01	12.15	51.295	33.61	7.73	7.8	6	2.527
149	5/25/2008 5:16	12.08	51.031	33.41	7.81	7.8	7.1	2.435
150	5/25/2008 5:31	12.23	51.102	33.47	7.76	7.81	6.7	2.36
151	5/25/2008 5:46	12.46	51.36	33.67	7.61	7.81	5.7	2.281
152	5/25/2008 6:01	12.67	51.203	33.56	7.45	7.81	5.3	2.188
153	5/25/2008 6:16	12.71	51.312	33.65	7.51	7.82	7.3	2.084
154	5/25/2008 6:31	12.68	51.285	33.62	7.57	7.82	8.1	2.001
155	5/25/2008 6:46	12.6	51.335	33.66	7.51	7.81	7.1	1.906
156	5/25/2008 7:01	12.66	51.399	33.71	7.63	7.82	8.1	1.792
157	5/25/2008 7:16	12.72	51.396	33.71	7.69	7.82	10.1	1.699
158	5/25/2008 7:31	12.79	51.103	33.5	7.74	7.83	7.9	1.582
159	5/25/2008 7:46	12.87	51.008	33.43	7.75	7.83	7.5	1.474
160	5/25/2008 8:01	13	51.173	33.56	7.75	7.84	6.7	1.367
161	5/25/2008 8:16	13.01	51.288	33.64	7.88	7.85	6.7	1.26
162	5/25/2008 8:31	13.16	51.233	33.61	7.76	7.85	5.6	1.166
163	5/25/2008 8:46	13.22	51.206	33.59	7.75	7.85	4.8	1.092
164	5/25/2008 9:01	13.33	51.241	33.62	7.59	7.85	4.6	1.007
165	5/25/2008 9:16	13.39	51.289	33.66	7.47	7.84	5.3	0.942
166	5/25/2008 9:31	13.43	51.42	33.75	7.31	7.84	3.8	0.908
167	5/25/2008 9:46	13.5	51.172	33.57	7.46	7.84	3.4	0.889
168	5/25/2008 10:01	13.51	51.273	33.65	7.94	7.86	5.4	0.875
169	5/25/2008 10:16	13.88	51.209	33.62	7.7	7.86	5.4	0.885
170	5/25/2008 10:31	13.88	51.311	33.69	7.79	7.86	5.7	0.913
171	5/25/2008 10:46	13.77	51.45	33.79	7.82	7.86	5.9	0.955
172	5/25/2008 11:01	13.96	51.259	33.65	7.76	7.87	6.2	0.992
173	5/25/2008 11:16	13.93	51.34	33.71	7.7	7.86	7.3	1.043
174	5/25/2008 11:31	13.94	51.201	33.61	7.6	7.86	7.6	1.111
175	5/25/2008 11:46	14.08	51.211	33.62	7.62	7.86	7.9	1.17
176	5/25/2008 12:01	13.98	51.095	33.54	7.57	7.85	9	1.221
177	5/25/2008 12:16	13.75	51.068	33.51	7.51	7.84	7.9	1.291
178	5/25/2008 12:31	13.75	51.026	33.48	7.5	7.84	8.7	1.366
179	5/25/2008 12:46	13.76	51.013	33.47	7.52	7.84	8.7	1.432

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	5/25/2008 13:01	13.69	51.154	33.57	7.5	7.84	7.6	1.5
181	5/25/2008 13:16	13.61	51.089	33.52	7.5	7.83	7	1.565
182	5/25/2008 13:31	13.52	50.97	33.43	7.48	7.83	7.4	1.647
183	5/25/2008 13:46	13.3	51.143	33.55	7.56	7.83	7.3	1.746
184	5/25/2008 14:01	13.28	51.08	33.5	7.59	7.82	6.9	1.804
185	5/25/2008 14:16	13.19	51.255	33.62	7.61	7.83	6.5	1.887
186	5/25/2008 14:31	13.17	51.231	33.61	7.64	7.83	7	1.971
187	5/25/2008 14:46	13.19	51.218	33.6	7.69	7.83	7.3	2.047
188	5/25/2008 15:01	13.15	51.239	33.61	7.7	7.82	6.7	2.112
189	5/25/2008 15:16	13.1	50.997	33.43	7.69	7.82	6.5	2.17
190	5/25/2008 15:31	12.96	51.165	33.55	7.73	7.81	7.4	2.252
191	5/25/2008 15:46	12.73	51.093	33.49	7.73	7.8	7.2	2.31
192	5/25/2008 16:01	12.64	51.154	33.53	7.73	7.8	6.5	2.359
193	5/25/2008 16:16	12.51	51.289	33.62	7.84	7.79	6.8	2.415
194	5/25/2008 16:31	12.4	51.036	33.43	7.92	7.78	5.6	2.457
195	5/25/2008 16:46	12.32	51.055	33.44	7.92	7.78	5.3	2.499
196	5/25/2008 17:01	12.24	51.13	33.49	7.95	7.78	5.4	2.531
197	5/25/2008 17:16	12.15	51.26	33.58	7.87	7.77	4.3	2.554
198	5/25/2008 17:31	12.64	50.754	33.23	7.87	7.77	3.5	2.575
199	5/25/2008 17:46	12.15	51.164	33.51	7.75	7.76	3.8	2.581
200	5/25/2008 18:01	12.15	51.327	33.63	7.58	7.75	2.9	2.558
201	5/25/2008 18:16	12.24	50.996	33.39	7.5	7.75	2.9	2.539
202	5/25/2008 18:31	12.48	51.002	33.41	7.73	7.78	4.4	2.506
203	5/25/2008 18:46	13.01	51.081	33.49	8.04	7.82	6.2	2.476
204	5/25/2008 19:01	13.07	51.196	33.58	8.24	7.82	8.7	2.422
205	5/25/2008 19:16	12.91	51.182	33.56	8.24	7.82	5.1	2.364
206	5/25/2008 19:31	12.93	51.185	33.56	8.25	7.82	4.2	2.325
207	5/25/2008 19:46	13.03	51.218	33.59	8.15	7.82	4.5	2.28
208	5/25/2008 20:01	12.8	51.047	33.46	8.13	7.81	4	2.225
209	5/25/2008 20:16	12.84	51.083	33.48	8.07	7.81	3.5	2.179
210	5/25/2008 20:31	12.88	51.035	33.45	8.02	7.81	3.2	2.149
211	5/25/2008 20:46	13.22	51.253	33.62	8.06	7.84	4.2	2.117
212	5/25/2008 21:01	13.49	51.08	33.51	8.11	7.84	4.9	2.079
213	5/25/2008 21:16	13.61	51.185	33.59	8.05	7.85	4.8	2.055
214	5/25/2008 21:31	13.76	51.237	33.63	8.03	7.84	4.9	2.047
215	5/25/2008 21:46	13.89	51.021	33.48	7.8	7.84	3.2	2.029
216	5/25/2008 22:01	13.9	51.179	33.59	7.73	7.84	2.4	2.022
217	5/25/2008 22:16	13.98	51.007	33.47	7.5	7.83	2	2.024
218	5/25/2008 22:31	14.05	51.123	33.56	8.12	7.86	5.1	2.049
219	5/25/2008 22:46	14	51.133	33.56	8.13	7.87	4.9	2.054
220	5/25/2008 23:01	13.88	50.709	33.25	8.13	7.86	5	2.074
221	5/25/2008 23:16	13.87	50.988	33.45	8.15	7.86	5.1	2.111
222	5/25/2008 23:31	13.84	51.105	33.54	8.11	7.86	5.1	2.138
223	5/25/2008 23:46	13.95	51.235	33.64	8.08	7.85	5.6	2.173
224	5/26/2008 0:01	14.09	50.987	33.46	8.02	7.85	6	2.214

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	5/26/2008 0:16	13.86	51.099	33.53	8.03	7.84	5.4	2.255
226	5/26/2008 0:31	13.74	51.084	33.52	7.99	7.83	5.2	2.289
227	5/26/2008 0:46	13.57	51.078	33.51	7.97	7.83	5	2.335
228	5/26/2008 1:01	13.2	51.097	33.51	7.96	7.81	5	2.377
229	5/26/2008 1:16	13.13	51.014	33.44	7.96	7.81	4.4	2.426
230	5/26/2008 1:31	12.4	51.238	33.58	7.92	7.78	4.4	2.469
231	5/26/2008 1:46	12.05	51.242	33.56	8.01	7.77	4	2.514
232	5/26/2008 2:01	11.91	51.262	33.57	8.01	7.77	3.5	2.563
233	5/26/2008 2:16	11.81	51.114	33.46	8.03	7.77	3.3	2.602
234	5/26/2008 2:31	11.74	51.147	33.48	8.03	7.77	3.1	2.647
235	5/26/2008 2:46	11.64	51.333	33.61	8.03	7.76	3.2	2.682
236	5/26/2008 3:01	11.54	51.152	33.47	8.03	7.76	2.9	2.715
237	5/26/2008 3:16	11.52	51.268	33.55	8	7.76	3.1	2.751
238	5/26/2008 3:31	11.51	51.376	33.63	7.92	7.75	3.2	2.765
239	5/26/2008 3:46	11.78	51.292	33.59	7.43	7.73	2.9	2.784
240	5/26/2008 4:01	11.78	51.408	33.67	7.33	7.73	2.1	2.786
241	5/26/2008 4:16	11.55	51.445	33.69	7.59	7.73	2	2.776
242	5/26/2008 4:31	11.52	51.319	33.59	7.67	7.73	2	2.764
243	5/26/2008 4:46	11.54	51.266	33.55	7.65	7.73	2.2	2.72
244	5/26/2008 5:01	12.1	51.125	33.48	7.65	7.76	3.4	2.691
245	5/26/2008 5:16	12.88	51.273	33.62	7.25	7.76	4.4	2.63
246	5/26/2008 5:31	12.67	51.075	33.47	7.43	7.76	4.8	2.571
247	5/26/2008 5:46	12.88	50.952	33.39	7.33	7.76	5.1	2.502
248	5/26/2008 6:01	12.97	51.169	33.55	7.31	7.76	4.5	2.425
249	5/26/2008 6:16	13.15	51.136	33.53	7.08	7.75	4.9	2.359
250	5/26/2008 6:31	13.25	51.133	33.54	7.09	7.76	4.6	2.275
251	5/26/2008 6:46	13.45	51.152	33.56	7.1	7.77	4.6	2.19
252	5/26/2008 7:01	13.52	50.998	33.45	7.13	7.77	8.1	2.11
253	5/26/2008 7:16	13.55	51.165	33.57	7.2	7.78	6.2	2.024
254	5/26/2008 7:31	13.66	51.206	33.61	7.34	7.8	6.8	1.926
255	5/26/2008 7:46	13.41	51.083	33.51	7.28	7.77	5.1	1.833
256	5/26/2008 8:01	13.57	51.312	33.68	7.36	7.79	7.3	1.74
257	5/26/2008 8:16	13.47	51.309	33.67	7.36	7.78	5.2	1.639
258	5/26/2008 8:31	13.88	51.264	33.66	7.5	7.82	5.8	1.535
259	5/26/2008 8:46	13.81	51.227	33.63	7.45	7.8	4.5	1.442
260	5/26/2008 9:01	13.9	51.239	33.64	7.44	7.81	4.3	1.345
261	5/26/2008 9:16	14.09	50.822	33.34	7.46	7.83	4.5	1.265
262	5/26/2008 9:31	14.17	51.161	33.59	7.58	7.84	4.8	1.185
263	5/26/2008 9:46	14.36	51.015	33.49	7.54	7.85	4.8	1.119
264	5/26/2008 10:01	14.55	51.073	33.54	7.24	7.85	3.2	1.069
265	5/26/2008 10:16	14.55	51.148	33.59	7.46	7.85	4.6	1.033
266	5/26/2008 10:31	14.91	51.014	33.5	7.01	7.84	2.9	1.018
267	5/26/2008 10:46	15.14	51.116	33.58	6.6	7.83	5	1.008
268	5/26/2008 11:01	15.04	51.287	33.71	7.64	7.88	6.1	1.022
269	5/26/2008 11:16	15.24	50.987	33.49	7.61	7.89	6.8	1.033

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	5/26/2008 11:31	15.07	51.025	33.51	7.65	7.88	6.8	1.081
271	5/26/2008 11:46	15.09	51.299	33.72	7.61	7.87	6.7	1.114
272	5/26/2008 12:01	15	50.856	33.39	7.6	7.87	9.4	1.16
273	5/26/2008 12:16	14.98	50.87	33.4	7.64	7.87	9.1	1.227
274	5/26/2008 12:31	15.08	50.913	33.43	7.54	7.86	11	1.281
275	5/26/2008 12:46	14.96	50.936	33.45	7.52	7.85	10.3	1.331
276	5/26/2008 13:01	14.86	50.989	33.48	7.42	7.84	10.4	1.398
277	5/26/2008 13:16	14.93	51.032	33.52	7.37	7.84	12.3	1.473
278	5/26/2008 13:31	14.86	50.981	33.48	7.41	7.83	9.3	1.527
279	5/26/2008 13:46	14.65	51.19	33.63	7.42	7.83	9.8	1.606
280	5/26/2008 14:01	14.44	51.031	33.5	7.34	7.82	9.6	1.679
281	5/26/2008 14:16	14.16	51.045	33.5	7.39	7.81	8.1	1.752
282	5/26/2008 14:31	13.97	51.198	33.61	7.44	7.8	7.1	1.831
283	5/26/2008 14:46	13.77	50.341	32.98	7.57	7.8	6.5	1.904
284	5/26/2008 15:01	13.62	51.094	33.52	7.57	7.79	5.9	1.984
285	5/26/2008 15:16	13.61	51.167	33.57	7.6	7.8	5.8	2.056
286	5/26/2008 15:31	13.61	51.233	33.62	7.64	7.79	5.4	2.125
287	5/26/2008 15:46	13.59	50.999	33.45	7.68	7.79	6	2.193
288	5/26/2008 16:01	13.51	51.02	33.46	7.71	7.78	6	2.263
289	5/26/2008 16:16	13.15	51.247	33.62	7.68	7.77	7.1	2.325
290	5/26/2008 16:31	13.03	51.258	33.62	7.68	7.76	6.1	2.385
291	5/26/2008 16:46	12.86	51.072	33.48	7.77	7.76	6.9	2.443
292	5/26/2008 17:01	12.75	51.092	33.49	7.81	7.75	6.3	2.498
293	5/26/2008 17:16	12.52	50.85	33.3	7.86	7.75	5.4	2.544
294	5/26/2008 17:31	12.33	51.143	33.5	7.88	7.74	4.9	2.59
295	5/26/2008 17:46	12.22	50.895	33.32	7.89	7.74	4.2	2.626
296	5/26/2008 18:01	12.09	51.057	33.43	7.83	7.73	3.6	2.649
297	5/26/2008 18:16	12.04	50.985	33.38	7.73	7.73	3.4	2.665
298	5/26/2008 18:31	12.24	50.9	33.32	7.78	7.73	3.8	2.666
299	5/26/2008 18:46	12.29	50.864	33.3	7.33	7.7	2.5	2.664
300	5/26/2008 19:01	12.2	51.189	33.53	7.49	7.72	3.3	2.635
301	5/26/2008 19:16	12.42	51.037	33.43	7.74	7.74	3.4	2.594
302	5/26/2008 19:31	12.57	51.209	33.56	7.72	7.75	3.7	2.557
303	5/26/2008 19:46	13.14	51.157	33.55	7.9	7.79	4.3	2.501
304	5/26/2008 20:01	13.44	51.146	33.55	7.91	7.81	4.9	2.447
305	5/26/2008 20:16	13.45	51.081	33.51	7.77	7.8	4	2.397
306	5/26/2008 20:31	13.46	50.882	33.36	7.77	7.8	3.9	2.34
307	5/26/2008 20:46	13.52	51.176	33.58	7.69	7.79	3.8	2.297
308	5/26/2008 21:01	13.46	51.092	33.51	7.5	7.78	3.4	2.24
309	5/26/2008 21:16	13.66	51.163	33.57	7.59	7.79	4	2.198
310	5/26/2008 21:31	13.72	50.964	33.43	7.53	7.79	4	2.165
311	5/26/2008 21:46	13.73	51.24	33.63	7.39	7.78	3.2	2.133
312	5/26/2008 22:01	13.8	51.005	33.46	7.33	7.78	3.1	2.097
313	5/26/2008 22:16	13.78	51.031	33.48	7.56	7.8	3.8	2.071
314	5/26/2008 22:31	13.87	51.149	33.57	7.27	7.79	3.7	2.056

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	5/26/2008 22:46	13.93	51.156	33.58	6.95	7.77	2	2.02
316	5/26/2008 23:01	13.99	51.232	33.64	7.03	7.79	2.1	2.019
317	5/26/2008 23:16	14.02	51.12	33.55	6.75	7.75	4.6	2.019
318	5/26/2008 23:31	14.05	50.402	33.03	7.3	7.79	3.4	2.009
319	5/26/2008 23:46	14.11	50.392	33.02	7.59	7.81	4	2.022
320	5/27/2008 0:01	14.07	50.399	33.03	7.63	7.81	3.8	2.039
321	5/27/2008 0:16	13.99	51.19	33.6	7.62	7.8	3.8	2.06
322	5/27/2008 0:31	13.95	51.155	33.58	7.59	7.8	4.2	2.078
323	5/27/2008 0:46	13.9	50.161	32.85	7.64	7.8	3.8	2.112
324	5/27/2008 1:01	13.75	50.734	33.26	7.63	7.79	4.4	2.159
325	5/27/2008 1:16	13.87	50.842	33.35	7.58	7.79	4.9	2.183
326	5/27/2008 1:31	13.87	50.983	33.45	7.54	7.79	5	2.227
327	5/27/2008 1:46	13.61	51.071	33.5	7.62	7.78	4.1	2.275
328	5/27/2008 2:01	13.38	50.452	33.04	7.68	7.77	4.2	2.31
329	5/27/2008 2:16	13.33	50.95	33.41	7.67	7.77	3.7	2.354
330	5/27/2008 2:31	13.12	50.842	33.32	7.68	7.76	4	2.399
331	5/27/2008 2:46	12.86	51.143	33.53	7.69	7.75	3.8	2.443
332	5/27/2008 3:01	12.68	50.925	33.36	7.71	7.75	3.6	2.486
333	5/27/2008 3:16	12.53	50.619	33.13	7.76	7.75	3.2	2.528
334	5/27/2008 3:31	12.34	51.025	33.42	7.77	7.74	3.2	2.569
335	5/27/2008 3:46	12.15	51.191	33.53	7.76	7.73	2.9	2.604
336	5/27/2008 4:01	12.09	51.271	33.59	7.73	7.73	2.9	2.638
337	5/27/2008 4:16	12.05	51.239	33.56	7.72	7.73	2.7	2.666
338	5/27/2008 4:31	12.04	51.243	33.56	7.68	7.73	2.9	2.685
339	5/27/2008 4:46	12.81	50.312	32.92	6.98	7.71	4.5	2.702
340	5/27/2008 5:01	12.27	51.157	33.51	7.51	7.72	3.1	2.698
341	5/27/2008 5:16	12.04	51.159	33.5	7.52	7.71	2.4	2.697
342	5/27/2008 5:31	12.07	51.027	33.41	7.4	7.7	2.7	2.681
343	5/27/2008 5:46	12.24	51.178	33.53	7.38	7.71	3.2	2.643
344	5/27/2008 6:01	12.38	51.096	33.47	7.47	7.72	3.2	2.614
345	5/27/2008 6:16	12.39	51.229	33.57	7.46	7.73	3.4	2.551
346	5/27/2008 6:31	12.87	50.755	33.24	7.13	7.72	4.2	2.499
347	5/27/2008 6:46	12.99	51.182	33.56	7.14	7.72	3.8	2.445
348	5/27/2008 7:01	13.04	51.067	33.48	7.16	7.72	4.3	2.358
349	5/27/2008 7:16	13.14	51.11	33.52	7.08	7.71	3.5	2.297
350	5/27/2008 7:31	13.14	50.643	33.17	7.13	7.72	4.6	2.218
351	5/27/2008 7:46	13.2	51.024	33.45	7.18	7.73	3.4	2.144
352	5/27/2008 8:01	13.32	51.169	33.57	7.11	7.73	3.5	2.065
353	5/27/2008 8:16	13.52	51.167	33.57	7.07	7.74	3.9	1.974
354	5/27/2008 8:31	13.66	51.072	33.51	7.14	7.75	4.1	1.901
355	5/27/2008 8:46	13.45	50.987	33.44	7.39	7.75	4.2	1.801
356	5/27/2008 9:01	13.66	51.208	33.61	7.72	7.78	4.3	1.714
357	5/27/2008 9:16	14.08	51.259	33.66	7.58	7.8	5.2	1.62
358	5/27/2008 9:31	14.12	50.969	33.45	7.73	7.82	4.4	1.531
359	5/27/2008 9:46	14.27	51.285	33.68	7.77	7.82	3.7	1.46

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	5/27/2008 10:01	14.32	51.279	33.68	7.87	7.83	4	1.376
361	5/27/2008 10:16	14.53	50.935	33.43	8.04	7.85	4.4	1.304
362	5/27/2008 10:31	14.62	51.084	33.55	7.44	7.83	4	1.245
363	5/27/2008 10:46	14.71	51.293	33.7	7.47	7.85	2.4	1.204
364	5/27/2008 11:01	14.92	51.27	33.69	7.88	7.86	4.8	1.173
365	5/27/2008 11:16	14.99	51.194	33.64	7.34	7.84	4	1.129
366	5/27/2008 11:31	15.13	51.129	33.59	6.7	7.81	2.7	1.138
367	5/27/2008 11:46	15.14	51.041	33.53	7.91	7.86	6.2	1.147
368	5/27/2008 12:01	15.25	51.167	33.62	7.69	7.87	6.5	1.149
369	5/27/2008 12:16	15.2	51.15	33.61	7.74	7.86	6.5	1.181
370	5/27/2008 12:31	15.24	51.029	33.52	7.73	7.86	7.4	1.221
371	5/27/2008 12:46	15.14	50.751	33.32	7.72	7.85	14.7	1.268
372	5/27/2008 13:01	15.06	51.15	33.61	7.61	7.84	9.9	1.312
373	5/27/2008 13:16	15.42	51.012	33.51	7.54	7.84	9.8	1.368
374	5/27/2008 13:31	15.24	51.048	33.54	7.43	7.83	11.1	1.43
375	5/27/2008 13:46	15.33	50.692	33.28	7.39	7.82	12.5	1.483
376	5/27/2008 14:01	15.06	50.816	33.36	7.29	7.81	10.9	1.553
377	5/27/2008 14:16	14.94	50.988	33.48	7.3	7.81	10.6	1.623
378	5/27/2008 14:31	14.79	50.787	33.33	7.28	7.8	9.6	1.697
379	5/27/2008 14:46	14.63	50.578	33.18	7.21	7.79	9.5	1.768
380	5/27/2008 15:01	14.32	51.024	33.49	7.19	7.78	8.7	1.846
381	5/27/2008 15:16	14.11	51.062	33.52	7.24	7.77	7.1	1.92
382	5/27/2008 15:31	14.02	51.263	33.66	7.3	7.76	6.5	1.996
383	5/27/2008 15:46	13.89	51.044	33.49	7.37	7.76	6.2	2.069
384	5/27/2008 16:01	13.86	51.228	33.63	7.39	7.76	6	2.134
385	5/27/2008 16:16	13.75	50.674	33.22	7.45	7.76	6.2	2.211
386	5/27/2008 16:31	13.77	51.156	33.57	7.5	7.76	6.6	2.278
387	5/27/2008 16:46	13.51	50.759	33.27	7.51	7.75	6.7	2.344
388	5/27/2008 17:01	13.3	51.033	33.47	7.53	7.74	6.7	2.413
389	5/27/2008 17:16	13.15	50.633	33.17	7.65	7.74	7.4	2.479
390	5/27/2008 17:31	13.03	51.141	33.53	7.7	7.73	6.8	2.537
391	5/27/2008 17:46	12.86	51.163	33.54	7.73	7.73	6.2	2.594
392	5/27/2008 18:01	12.53	50.822	33.28	7.77	7.72	5.5	2.655
393	5/27/2008 18:16	12.33	51.187	33.54	7.79	7.72	5	2.702
394	5/27/2008 18:31	12.14	50.906	33.32	7.75	7.72	3.5	2.74
395	5/27/2008 18:46	12.22	51.111	33.48	7.7	7.72	3.5	2.764
396	5/27/2008 19:01	12.47	50.871	33.31	7.84	7.73	3.1	2.788
397	5/27/2008 19:16	12.22	51.249	33.58	7.56	7.71	4.9	2.791
398	5/27/2008 19:31	12.05	51.137	33.49	7.5	7.7	2.3	2.769
399	5/27/2008 19:46	12.19	50.537	33.06	7.65	7.71	2.9	2.741
400	5/27/2008 20:01	12.82	50.738	33.23	7.74	7.74	3.8	2.702
401	5/27/2008 20:16	13.49	50.538	33.11	8.05	7.8	4	2.647
402	5/27/2008 20:31	13.76	51.012	33.47	8.06	7.81	5.2	2.59
403	5/27/2008 20:46	13.71	50.824	33.33	7.88	7.79	4.9	2.527
404	5/27/2008 21:01	13.87	51.133	33.56	7.89	7.8	5.1	2.468

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	5/27/2008 21:16	13.81	50.595	33.16	7.82	7.78	4.6	2.409
406	5/27/2008 21:31	13.96	51.117	33.55	7.73	7.79	4.3	2.343
407	5/27/2008 21:46	13.97	50.648	33.21	7.66	7.78	4.2	2.295
408	5/27/2008 22:01	14.12	51.1	33.54	7.56	7.78	4.2	2.239
409	5/27/2008 22:16	14.3	51.211	33.63	7.57	7.79	4.5	2.186
410	5/27/2008 22:31	14.48	51.029	33.5	7.49	7.8	4	2.143
411	5/27/2008 22:46	14.51	50.571	33.17	7.44	7.79	4.3	2.098
412	5/27/2008 23:01	14.53	51.116	33.57	7.42	7.8	4.2	2.053
413	5/27/2008 23:16	14.68	50.971	33.47	7.16	7.79	4.2	2.007
414	5/27/2008 23:31	14.76	50.797	33.34	7.3	7.79	4.5	1.968
415	5/27/2008 23:46	14.88	50.832	33.37	7.33	7.8	4.9	1.934
416	5/28/2008 0:01	15.06	50.459	33.1	7.28	7.81	4	1.904
417	5/28/2008 0:16	15.15	50.973	33.48	7.25	7.81	2.8	1.886
418	5/28/2008 0:31	15.15	50.443	33.09	7.03	7.8	2.1	1.867
419	5/28/2008 0:46	15.23	50.957	33.47	6.86	7.79	15.5	1.871
420	5/28/2008 1:01	15.12	51.195	33.64	7.57	7.83	6.5	1.882
421	5/28/2008 1:16	15.04	51.281	33.7	7.44	7.81	6.1	1.889
422	5/28/2008 1:31	14.95	50.749	33.31	7.46	7.81	5.9	1.917
423	5/28/2008 1:46	14.84	51.13	33.59	7.47	7.8	6	1.941
424	5/28/2008 2:01	14.75	51.129	33.58	7.49	7.8	5.4	1.99
425	5/28/2008 2:16	14.79	51.242	33.67	7.46	7.8	5.9	2.027
426	5/28/2008 2:31	14.87	51.215	33.65	7.45	7.8	6	2.072
427	5/28/2008 2:46	14.72	50.962	33.46	7.48	7.79	5.6	2.122
428	5/28/2008 3:01	14.39	50.788	33.32	7.48	7.78	4.9	2.161
429	5/28/2008 3:16	14.24	51.108	33.55	7.49	7.77	4.7	2.215
430	5/28/2008 3:31	14.08	51.179	33.6	7.53	7.77	4.3	2.257
431	5/28/2008 3:46	13.81	50.937	33.41	7.54	7.76	4.2	2.301
432	5/28/2008 4:01	13.56	51.285	33.66	7.54	7.75	3.8	2.348
433	5/28/2008 4:16	13.27	51.225	33.6	7.56	7.74	3.5	2.392
434	5/28/2008 4:31	13.11	50.621	33.16	7.57	7.74	3.4	2.434
435	5/28/2008 4:46	13.02	50.287	32.91	7.56	7.73	3.2	2.466
436	5/28/2008 5:01	12.93	50.688	33.2	7.56	7.73	2.8	2.512
437	5/28/2008 5:16	12.85	50.517	33.07	7.58	7.73	2.6	2.542
438	5/28/2008 5:31	12.82	50.092	32.76	7.51	7.73	3.2	2.568
439	5/28/2008 5:46	12.81	51.252	33.61	7.38	7.72	3	2.591
440	5/28/2008 6:01	12.87	51.104	33.5	7.07	7.69	2.5	2.603
441	5/28/2008 6:16	13.03	50.608	33.14	7.07	7.71	7.1	2.609
442	5/28/2008 6:31	12.78	51.24	33.6	7.29	7.71	4.8	2.599
443	5/28/2008 6:46	13.13	51.16	33.55	6.73	7.68	3.3	2.574
444	5/28/2008 7:01	13.06	51.336	33.68	7.09	7.71	5.3	2.552
445	5/28/2008 7:16	13.19	50.327	32.95	7.24	7.72	3.7	2.505
446	5/28/2008 7:31	13.38	51.274	33.64	7.19	7.73	3.8	2.453
447	5/28/2008 7:46	13.6	50.705	33.24	7.17	7.73	6.8	2.393
448	5/28/2008 8:01	13.68	51.212	33.61	7.18	7.73	3.9	2.335
449	5/28/2008 8:16	13.74	51.23	33.63	7.24	7.73	4.3	2.267

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	5/28/2008 8:31	13.8	51.251	33.64	7.39	7.74	3.8	2.195
451	5/28/2008 8:46	13.88	51.244	33.64	7.49	7.76	6.8	2.132
452	5/28/2008 9:01	13.81	50.698	33.24	7.82	7.77	4.5	2.055
453	5/28/2008 9:16	13.98	51.082	33.53	7.96	7.79	3.4	1.978
454	5/28/2008 9:31	14.12	51.217	33.63	8.19	7.82	3.6	1.907
455	5/28/2008 9:46	14.22	51.204	33.62	8.29	7.83	3.5	1.826
456	5/28/2008 10:01	14.45	51.175	33.61	8.37	7.84	3.9	1.749
457	5/28/2008 10:16	14.53	51.241	33.66	8.75	7.87	4	1.673
458	5/28/2008 10:31	14.73	51.193	33.63	8.44	7.86	4	1.589
459	5/28/2008 10:46	14.95	51.119	33.58	8.01	7.84	4	1.524
460	5/28/2008 11:01	15.35	50.507	33.14	8.27	7.88	4.3	1.459
461	5/28/2008 11:16	15.53	50.578	33.2	8.78	7.92	5.1	1.403
462	5/28/2008 11:31	15.57	51.243	33.69	7.45	7.85	3.5	1.35
463	5/28/2008 11:46	15.62	50.297	32.99	8.53	7.92	4.8	1.3
464	5/28/2008 12:01	15.73	51.278	33.72	7.43	7.84	3.8	1.295
465	5/28/2008 12:16	15.78	50.81	33.37	7.13	7.81	2.4	1.264
466	5/28/2008 12:31	15.69	50.398	33.07	8.55	7.89	3.2	1.259
467	5/28/2008 12:46	15.71	50.308	33	8.11	7.87	6.3	1.276
468	5/28/2008 13:01	15.62	50.899	33.43	8.18	7.87	6.6	1.29
469	5/28/2008 13:16	15.8	51.22	33.67	8.12	7.87	5.9	1.338
470	5/28/2008 13:31	15.89	50.668	33.27	7.96	7.87	7.4	1.347
471	5/28/2008 13:46	15.76	50.502	33.15	7.81	7.86	7.8	1.422
472	5/28/2008 14:01	15.67	51.284	33.72	7.83	7.85	9.2	1.48
473	5/28/2008 14:16	15.57	50.587	33.21	7.74	7.84	9.8	1.529
474	5/28/2008 14:31	15.99	51.208	33.67	7.67	7.84	10.3	1.599
475	5/28/2008 14:46	15.82	50.554	33.19	7.63	7.84	10.1	1.659
476	5/28/2008 15:01	15.58	50.389	33.06	7.55	7.82	9	1.752
477	5/28/2008 15:16	15.4	50.475	33.12	7.54	7.8	9.8	1.81
478	5/28/2008 15:31	15.24	51.114	33.58	7.39	7.79	9	1.868
479	5/28/2008 15:46	14.93	51.288	33.7	7.36	7.77	8.8	1.958
480	5/28/2008 16:01	14.75	51.291	33.7	7.41	7.76	7.2	2.033
481	5/28/2008 16:16	14.52	50.406	33.05	7.52	7.76	6.6	2.1
482	5/28/2008 16:31	14.27	51.283	33.68	7.47	7.75	5.2	2.165
483	5/28/2008 16:46	14.21	50.19	32.88	7.52	7.75	5.5	2.252
484	5/28/2008 17:01	14.13	51.319	33.7	7.49	7.75	6	2.322
485	5/28/2008 17:16	14	51.261	33.66	7.53	7.74	5.9	2.385
486	5/28/2008 17:31	13.81	51.258	33.65	7.57	7.73	6.9	2.453
487	5/28/2008 17:46	13.52	50.871	33.36	7.64	7.73	7	2.529
488	5/28/2008 18:01	13.29	50.98	33.43	7.7	7.72	7.6	2.599
489	5/28/2008 18:16	13.16	50.371	32.98	7.75	7.72	7.3	2.658
490	5/28/2008 18:31	12.88	50.82	33.29	7.78	7.71	6.8	2.723
491	5/28/2008 18:46	12.66	51.081	33.47	7.78	7.71	6.4	2.779
492	5/28/2008 19:01	12.47	50.824	33.28	7.8	7.71	5.7	2.839
493	5/28/2008 19:16	12.25	51.151	33.51	7.88	7.72	4.3	2.877
494	5/28/2008 19:31	12.18	51.086	33.46	7.9	7.72	3.1	2.902

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	5/28/2008 19:46	12.71	51.147	33.52	7.84	7.72	3.4	2.92
496	5/28/2008 20:01	12.25	51.243	33.57	7.83	7.71	3.8	2.92
497	5/28/2008 20:16	12.24	50.985	33.38	7.77	7.71	6.7	2.898
498	5/28/2008 20:31	12.33	51.216	33.56	7.73	7.71	3.5	2.856
499	5/28/2008 20:46	12.78	51.108	33.5	7.75	7.73	4.5	2.812
500	5/28/2008 21:01	13.68	51.063	33.5	7.99	7.8	4	2.756
501	5/28/2008 21:16	13.88	51.198	33.61	7.75	7.77	4.5	2.686
502	5/28/2008 21:31	13.98	51.232	33.64	7.8	7.78	4.8	2.606
503	5/28/2008 21:46	14.07	50.547	33.14	7.78	7.78	5.2	2.537
504	5/28/2008 22:01	13.95	51.149	33.57	7.65	7.76	4.3	2.474
505	5/28/2008 22:16	13.96	49.957	32.7	7.6	7.75	4.6	2.397
506	5/28/2008 22:31	14.08	51.193	33.61	7.49	7.76	4.3	2.333
507	5/28/2008 22:46	14.32	51.178	33.61	7.4	7.76	3.9	2.263
508	5/28/2008 23:01	14.48	50.228	32.92	7.46	7.77	3.8	2.2
509	5/28/2008 23:16	14.67	50.248	32.94	7.38	7.78	4.4	2.128
510	5/28/2008 23:31	14.71	50.544	33.15	7.24	7.76	4.3	2.058
511	5/28/2008 23:46	14.89	50.861	33.39	7.34	7.78	6.3	1.995
512	5/29/2008 0:01	15.14	51.207	33.65	7.38	7.79	7.4	1.925
513	5/29/2008 0:16	15.11	50.431	33.08	7.39	7.8	6.8	1.863
514	5/29/2008 0:31	15.2	50.425	33.08	7.43	7.81	9	1.802
515	5/29/2008 0:46	15.58	50.142	32.88	7.6	7.83	6.8	1.756
516	5/29/2008 1:01	15.71	50.028	32.8	7.64	7.85	6.8	1.717
517	5/29/2008 1:16	15.88	50.495	33.14	7.67	7.85	7.5	1.675
518	5/29/2008 1:31	15.88	50.444	33.11	7.47	7.85	6.6	1.647
519	5/29/2008 1:46	15.89	50.479	33.13	7.06	7.81	4.2	1.645
520	5/29/2008 2:01	15.91	50.36	33.05	7.66	7.86	9	1.656
521	5/29/2008 2:16	15.8	50.594	33.22	7.62	7.85	8.9	1.656
522	5/29/2008 2:31	15.77	50.429	33.09	7.59	7.84	10.9	1.686
523	5/29/2008 2:46	15.69	51.075	33.57	7.53	7.83	10.1	1.733
524	5/29/2008 3:01	15.61	51.206	33.66	7.52	7.82	9.8	1.77
525	5/29/2008 3:16	15.55	50.35	33.03	7.53	7.82	9.5	1.82
526	5/29/2008 3:31	15.71	50.678	33.27	7.45	7.82	8.8	1.882
527	5/29/2008 3:46	15.64	50.781	33.35	7.45	7.81	9.1	1.937
528	5/29/2008 4:01	15.37	50.944	33.46	7.39	7.8	10.3	1.99
529	5/29/2008 4:16	15.15	50.385	33.05	7.35	7.78	10.2	2.036
530	5/29/2008 4:31	14.94	51.249	33.68	7.29	7.77	8.3	2.099
531	5/29/2008 4:46	14.72	50.943	33.45	7.28	7.76	6.5	2.14
532	5/29/2008 5:01	14.52	51.087	33.55	7.26	7.75	5.4	2.187
533	5/29/2008 5:16	14.28	50.497	33.11	7.4	7.75	5.4	2.24
534	5/29/2008 5:31	13.86	50.649	33.2	7.41	7.73	3.8	2.283
535	5/29/2008 5:46	13.77	50.669	33.22	7.42	7.73	4.2	2.322
536	5/29/2008 6:01	13.72	50.916	33.4	7.43	7.73	4.6	2.365
537	5/29/2008 6:16	13.66	50.783	33.3	7.52	7.73	4.6	2.403
538	5/29/2008 6:31	13.59	51.241	33.63	7.41	7.73	4.2	2.441
539	5/29/2008 6:46	13.49	51.221	33.61	7.43	7.72	3.9	2.467

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	5/29/2008 7:01	13.47	50.184	32.85	7.43	7.72	3.7	2.499
541	5/29/2008 7:16	13.38	50.693	33.22	7.39	7.72	2.9	2.522
542	5/29/2008 7:31	13.53	50.773	33.28	6.95	7.7	2.7	2.524
543	5/29/2008 7:46	13.45	50.677	33.21	7.14	7.7	3.5	2.533
544	5/29/2008 8:01	13.53	51.114	33.53	7.01	7.7	3.4	2.528
545	5/29/2008 8:16	13.33	51.014	33.45	7.1	7.7	4.5	2.503
546	5/29/2008 8:31	13.59	50.477	33.07	7.12	7.71	4.3	2.474
547	5/29/2008 8:46	13.84	50.708	33.25	6.94	7.71	10.1	2.425
548	5/29/2008 9:01	14.08	50.077	32.79	7.09	7.71	5.1	2.371
549	5/29/2008 9:16	14.11	51.17	33.59	7.36	7.74	6.7	2.313
550	5/29/2008 9:31	14.18	50.355	33	7.6	7.75	5.3	2.251
551	5/29/2008 9:46	14.42	51.261	33.67	7.74	7.78	5.9	2.18
552	5/29/2008 10:01	14.63	50.098	32.82	7.93	7.79	5.9	2.109
553	5/29/2008 10:16	14.82	50.726	33.29	8.06	7.81	5.7	2.039
554	5/29/2008 10:31	14.95	50.057	32.8	8.18	7.82	5.4	1.967
555	5/29/2008 10:46	15.1	50.629	33.23	7.94	7.82	5.1	1.9
556	5/29/2008 11:01	15.29	50.615	33.22	8.54	7.85	9.4	1.824
557	5/29/2008 11:16	15.34	50.558	33.18	8.6	7.86	6.3	1.752
558	5/29/2008 11:31	15.36	51.43	33.82	7.99	7.83	6.4	1.674
559	5/29/2008 11:46	15.51	50.601	33.21	7.85	7.84	10.7	1.617
560	5/29/2008 12:01	15.65	50.389	33.06	8.03	7.84	12.6	1.559
561	5/29/2008 12:16	15.64	50.303	33	8.24	7.87	7.6	1.499
562	5/29/2008 12:31	15.68	50.383	33.06	7.68	7.83	9.9	1.458
563	5/29/2008 12:46	15.77	50.219	32.94	7.72	7.85	8.4	1.434
564	5/29/2008 13:01	15.84	50.384	33.06	7.15	7.8	15.8	1.397
565	5/29/2008 13:16	15.92	50.262	32.97	6.29	7.76	2.7	1.387
566	5/29/2008 13:31	15.92	51.337	33.76	8.36	7.86	11.1	1.4
567	5/29/2008 13:46	15.85	50.008	32.79	8.43	7.86	9.9	1.417
568	5/29/2008 14:01	15.8	51.429	33.83	8.44	7.86	8.2	1.427
569	5/29/2008 14:16	15.83	50.286	32.99	8.36	7.85	9.5	1.474
570	5/29/2008 14:31	15.96	50.926	33.46	8.3	7.85	9	1.538
571	5/29/2008 14:46	16.03	51.53	33.91	8.03	7.85	9.3	1.579
572	5/29/2008 15:01	15.87	51.466	33.86	8.04	7.83	10.1	1.642
573	5/29/2008 15:16	16.02	50.535	33.18	7.96	7.83	10.6	1.712
574	5/29/2008 15:31	15.99	50.272	32.98	7.95	7.83	10.4	1.777
575	5/29/2008 15:46	15.83	50.075	32.83	7.85	7.81	9.9	1.843
576	5/29/2008 16:01	15.65	51.431	33.83	7.75	7.8	10.1	1.913
577	5/29/2008 16:16	15.53	51.048	33.54	7.76	7.79	9.5	1.988
578	5/29/2008 16:31	15.35	50.323	33.01	7.68	7.78	9	2.061
579	5/29/2008 16:46	15.07	50.473	33.11	7.65	7.77	7.7	2.134
580	5/29/2008 17:01	14.59	50.359	33.01	7.56	7.75	6.7	2.207
581	5/29/2008 17:16	14.44	50.299	32.97	7.56	7.74	6.3	2.286
582	5/29/2008 17:31	14.31	51.301	33.7	7.5	7.74	6.7	2.366
583	5/29/2008 17:46	14.2	50.67	33.23	7.51	7.73	6.8	2.437
584	5/29/2008 18:01	13.99	51.108	33.54	7.52	7.73	7.8	2.517

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
585	5/29/2008 18:16	13.85	51.093	33.53	7.58	7.72	7.6	2.594
586	5/29/2008 18:31	13.64	51.113	33.54	7.66	7.72	8.4	2.672
587	5/29/2008 18:46	13.37	50.685	33.21	7.84	7.73	8.5	2.752
588	5/29/2008 19:01	13.13	50.998	33.43	7.97	7.73	9.3	2.824
589	5/29/2008 19:16	12.85	51.163	33.54	8.04	7.73	9	2.896
590	5/29/2008 19:31	12.53	51.094	33.48	8.23	7.75	7.6	2.955
591	5/29/2008 19:46	12.34	51.035	33.43	8.48	7.77	5.4	3.005
592	5/29/2008 20:01	12.22	50.509	33.04	8.69	7.78	33.3	3.052
593	5/29/2008 20:16	12.11	50.934	33.34	8.78	7.79	3.6	3.079
594	5/29/2008 20:31	12.53	51.076	33.47	8.5	7.79	4.8	3.082
595	5/29/2008 20:46	12.17	50.643	33.13	8.69	7.78	4.1	3.083
596	5/29/2008 21:01	12.12	50.544	33.06	8.66	7.78	4.4	3.058
597	5/29/2008 21:16	12.54	50.35	32.94	8.33	7.76	5.1	3.008
598	5/29/2008 21:31	12.73	50.372	32.96	8.1	7.75	7.2	2.944
599	5/29/2008 21:46	12.97	51.073	33.48	7.88	7.73	7.5	2.877
600	5/29/2008 22:01	12.98	49.936	32.65	7.83	7.72	7.7	2.8
601	5/29/2008 22:16	13.07	50.359	32.96	7.72	7.71	9	2.704
602	5/29/2008 22:31	13.21	49.99	32.7	7.63	7.7	9.6	2.623
603	5/29/2008 22:46	13.09	50.109	32.78	7.71	7.71	9.6	2.532
604	5/29/2008 23:01	13.33	50.754	33.26	7.61	7.71	9.6	2.438
605	5/29/2008 23:16	14.17	50.41	33.04	7.51	7.74	8.7	2.357
606	5/29/2008 23:31	14.28	50.086	32.81	7.55	7.75	8.6	2.269
607	5/29/2008 23:46	13.89	50.077	32.79	7.54	7.73	8.3	2.175
608	5/30/2008 0:01	13.63	50.849	33.34	7.65	7.73	8.9	2.084
609	5/30/2008 0:16	14.18	49.964	32.71	7.61	7.75	9.1	2.002
610	5/30/2008 0:31	14.26	49.953	32.71	7.61	7.75	8.5	1.905
611	5/30/2008 0:46	14.26	50.099	32.82	7.6	7.75	8.5	1.81
612	5/30/2008 1:01	14.45	50.567	33.16	7.64	7.76	12.3	1.733
613	5/30/2008 1:16	14.49	50.781	33.32	7.64	7.77	7.4	1.636
614	5/30/2008 1:31	14.71	50.805	33.34	7.66	7.78	8.2	1.558
615	5/30/2008 1:46	14.69	50.223	32.92	7.7	7.79	8.2	1.487
616	5/30/2008 2:01	14.72	51.535	33.88	7.64	7.79	7.4	1.431
617	5/30/2008 2:16	15.02	50.61	33.21	7.66	7.82	7.3	1.402
618	5/30/2008 2:31	15.26	50.594	33.2	7.41	7.83	5.2	1.368
619	5/30/2008 2:46	15.21	50.621	33.22	7.16	7.79	4.2	1.373
620	5/30/2008 3:01	15.55	50.597	33.21	7.61	7.86	6.5	1.365
621	5/30/2008 3:16	15.88	50.781	33.35	7.92	7.9	8.7	1.411
622	5/30/2008 3:31	15.66	50.076	32.83	7.9	7.88	9.6	1.435
623	5/30/2008 3:46	15.97	50.121	32.87	7.9	7.91	14.1	1.477
624	5/30/2008 4:01	15.85	50.096	32.85	7.92	7.89	12.9	1.548
625	5/30/2008 4:16	15.77	50.135	32.88	7.83	7.88	11.2	1.598
626	5/30/2008 4:31	15.88	50.891	33.43	7.72	7.89	12.3	1.665
627	5/30/2008 4:46	15.89	51.25	33.7	7.64	7.88	13.8	1.716
628	5/30/2008 5:01	15.82	51.551	33.92	7.66	7.88	11.8	1.775
629	5/30/2008 5:16	15.64	50.103	32.85	7.68	7.86	12.1	1.847

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
630	5/30/2008 5:31	15.5	50.412	33.08	7.61	7.84	12.5	1.892
631	5/30/2008 5:46	15.37	50.612	33.22	7.6	7.83	11.2	1.958
632	5/30/2008 6:01	15.28	50.051	32.81	7.6	7.82	12.2	2.02
633	5/30/2008 6:16	14.89	50.751	33.31	7.58	7.8	10.7	2.079
634	5/30/2008 6:31	14.5	50.898	33.41	7.57	7.78	6.3	2.13
635	5/30/2008 6:46	14.33	50.829	33.35	7.61	7.77	5.9	2.185
636	5/30/2008 7:01	14.24	50.458	33.08	7.64	7.77	5	2.246
637	5/30/2008 7:16	14.17	51.096	33.54	7.65	7.77	4.9	2.288
638	5/30/2008 7:31	14.09	51.161	33.59	7.6	7.77	4.5	2.337
639	5/30/2008 7:46	14.02	50.107	32.81	7.63	7.76	4.6	2.383
640	5/30/2008 8:01	13.86	50.019	32.74	7.63	7.76	4.5	2.424
641	5/30/2008 8:16	13.74	50.565	33.14	7.66	7.76	4	2.457
642	5/30/2008 8:31	13.74	49.978	32.71	7.56	7.76	3.7	2.479
643	5/30/2008 8:46	13.73	50.981	33.44	7.51	7.75	4	2.512
644	5/30/2008 9:01	14.25	50.892	33.39	7.4	7.77	5.2	2.516
645	5/30/2008 9:16	13.91	50.086	32.79	7.18	7.73	3.7	2.513
646	5/30/2008 9:31	14.19	49.967	32.72	7.31	7.77	6.5	2.496
647	5/30/2008 9:46	13.94	50.614	33.18	7.57	7.77	6.2	2.465
648	5/30/2008 10:01	14	50.538	33.13	7.85	7.79	8.5	2.42
649	5/30/2008 10:16	14.38	50.212	32.9	7.99	7.81	8.1	2.37
650	5/30/2008 10:31	14.31	50.479	33.09	7.99	7.8	7.1	2.297
651	5/30/2008 10:46	14.39	50.116	32.83	8.14	7.81	7.1	2.232
652	5/30/2008 11:01	14.51	50.065	32.8	8.05	7.81	7.2	2.166
653	5/30/2008 11:16	14.63	50.047	32.79	8.17	7.83	7.5	2.088
654	5/30/2008 11:31	14.79	50.346	33.01	8.41	7.85	7.3	2.011
655	5/30/2008 11:46	14.93	50.138	32.86	8.61	7.87	7.8	1.948
656	5/30/2008 12:01	15.09	50.104	32.84	8.59	7.87	7.9	1.875
657	5/30/2008 12:16	15.17	50.187	32.9	9.25	7.9	8.3	1.798
658	5/30/2008 12:31	15.21	50.135	32.87	8.18	7.85	7.3	1.736
659	5/30/2008 12:46	15.3	50.09	32.84	8.88	7.89	8.5	1.669
660	5/30/2008 13:01	15.28	50.691	33.28	7.74	7.84	6.3	1.625
661	5/30/2008 13:16	15.39	50.767	33.33	8.35	7.88	36.1	1.575
662	5/30/2008 13:31	15.35	50.799	33.36	7.22	7.81	5.1	1.534
663	5/30/2008 13:46	15.39	50.614	33.22	7.23	7.8	4.6	1.521
664	5/30/2008 14:01	15.36	50.827	33.38	8.54	7.89	10.1	1.499
665	5/30/2008 14:16	15.34	50.097	32.84	8.78	7.89	9.3	1.506
666	5/30/2008 14:31	15.38	50.673	33.26	8.24	7.87	9.6	1.516
667	5/30/2008 14:46	15.37	50.95	33.47	8.45	7.87	10.8	1.542
668	5/30/2008 15:01	15.37	50.487	33.13	8.37	7.87	12.6	1.585
669	5/30/2008 15:16	15.48	50.804	33.36	8.1	7.86	11.8	1.632
670	5/30/2008 15:31	15.5	50.102	32.85	8.03	7.86	11	1.68
671	5/30/2008 15:46	15.44	50.431	33.09	7.96	7.85	12.3	1.74
672	5/30/2008 16:01	15.44	50.12	32.86	7.85	7.85	12.3	1.811
673	5/30/2008 16:16	15.53	50.063	32.82	7.9	7.85	12	1.865
674	5/30/2008 16:31	15.35	51.441	33.83	7.9	7.84	12.2	1.932

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	5/30/2008 16:46	15.18	50.633	33.23	7.96	7.83	11.6	2.016
676	5/30/2008 17:01	15.02	50.07	32.81	8.01	7.82	9.9	2.08
677	5/30/2008 17:16	14.74	50.036	32.78	7.89	7.8	8.7	2.16
678	5/30/2008 17:31	14.48	49.964	32.72	7.85	7.79	8.1	2.237
679	5/30/2008 17:46	14.31	50.095	32.81	7.79	7.78	7.9	2.313
680	5/30/2008 18:01	14.17	49.963	32.71	7.79	7.77	8	2.398
681	5/30/2008 18:16	14.03	49.968	32.71	7.84	7.77	9.2	2.484
682	5/30/2008 18:31	13.8	50.894	33.38	7.85	7.77	9.7	2.56
683	5/30/2008 18:46	13.63	50.039	32.75	7.98	7.77	9.9	2.648
684	5/30/2008 19:01	13.28	50.995	33.44	8.14	7.78	12.9	2.744
685	5/30/2008 19:16	13.01	50.595	33.13	8.41	7.79	13.6	2.822
686	5/30/2008 19:31	12.65	50.252	32.87	8.67	7.81	12.5	2.91
687	5/30/2008 19:46	12.25	50.069	32.72	8.91	7.84	12.9	2.991
688	5/30/2008 20:01	11.93	50.357	32.91	9.11	7.86	10.2	3.057
689	5/30/2008 20:16	11.62	50.123	32.73	9.36	7.88	8.5	3.131
690	5/30/2008 20:31	11.54	50.658	33.11	9.46	7.89	5.2	3.162
691	5/30/2008 20:46	11.53	51.166	33.48	9.42	7.9	3.9	3.213
692	5/30/2008 21:01	11.42	50.219	32.79	9.43	7.9	4.2	3.239
693	5/30/2008 21:16	11.68	50.297	32.86	9.21	7.88	4.8	3.223
694	5/30/2008 21:31	11.64	50.791	33.21	9.29	7.88	4.6	3.218
695	5/30/2008 21:46	11.72	50.172	32.77	9.19	7.87	5.6	3.184
696	5/30/2008 22:01	11.77	50.186	32.78	9.09	7.86	8.9	3.122
697	5/30/2008 22:16	12.06	50.994	33.38	8.83	7.84	8.7	3.047
698	5/30/2008 22:31	12.43	50.444	33	8.48	7.8	9.8	2.958
699	5/30/2008 22:46	12.25	50.725	33.2	8.55	7.81	9.1	2.87
700	5/30/2008 23:01	12.72	50.738	33.23	8.26	7.78	9.9	2.768
701	5/30/2008 23:16	12.51	50.852	33.3	8.42	7.8	9.4	2.66
702	5/30/2008 23:31	12.92	50.855	33.32	8.15	7.78	9.2	2.555
703	5/30/2008 23:46	13.82	50.805	33.32	7.88	7.79	10.1	2.455
704	5/31/2008 0:01	14.04	50.8	33.32	7.89	7.8	11.2	2.355
705	5/31/2008 0:16	14.2	50.938	33.43	7.82	7.81	12.5	2.234
706	5/31/2008 0:31	13.79	50.669	33.22	7.88	7.79	9.8	2.128
707	5/31/2008 0:46	13.54	50.797	33.3	7.95	7.79	8.4	2.01
708	5/31/2008 1:01	13.36	50.78	33.28	7.98	7.78	7.7	1.907
709	5/31/2008 1:16	13.49	50.824	33.32	7.91	7.79	8.1	1.785
710	5/31/2008 1:31	13.91	50.773	33.3	7.81	7.8	9.6	1.654
711	5/31/2008 1:46	13.81	50.812	33.32	7.8	7.79	9.4	1.547
712	5/31/2008 2:01	13.91	50.87	33.37	7.75	7.79	8.9	1.447
713	5/31/2008 2:16	14.09	50.763	33.3	7.73	7.79	8.5	1.325
714	5/31/2008 2:31	14.28	50.882	33.39	7.68	7.8	8.2	1.237
715	5/31/2008 2:46	14.17	51.025	33.49	7.43	7.78	6.6	1.177
716	5/31/2008 3:01	14.28	51.092	33.54	7.16	7.77	4.5	1.1
717	5/31/2008 3:16	14.38	50.776	33.31	6.72	7.75	3.1	1.067
718	5/31/2008 3:31	14.46	50.888	33.4	6.38	7.75	2.6	1.048
719	5/31/2008 3:46	14.59	50.703	33.27	7.35	7.81	5.7	1.051

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	5/31/2008 4:01	14.92	50.579	33.18	7.71	7.87	8.1	1.083
721	5/31/2008 4:16	15.11	50.968	33.47	7.92	7.9	8.4	1.108
722	5/31/2008 4:31	15	50.993	33.49	7.82	7.88	9	1.17
723	5/31/2008 4:46	15.09	50.473	33.11	7.92	7.89	9.3	1.236
724	5/31/2008 5:01	15.04	50.663	33.25	7.85	7.88	10.3	1.296
725	5/31/2008 5:16	15.04	50.706	33.28	7.78	7.89	12	1.371
726	5/31/2008 5:31	15.08	50.437	33.08	7.76	7.9	12.1	1.441
727	5/31/2008 5:46	15.08	50.205	32.91	7.73	7.9	11.7	1.512
728	5/31/2008 6:01	15.04	50.722	33.29	7.71	7.9	12.9	1.584
729	5/31/2008 6:16	14.86	51.04	33.52	7.67	7.88	12.6	1.652
730	5/31/2008 6:31	14.75	51.175	33.62	7.64	7.86	11.3	1.73
731	5/31/2008 6:46	14.72	50.835	33.37	7.64	7.86	10.7	1.808
732	5/31/2008 7:01	14.66	50.454	33.09	7.6	7.84	13.7	1.875
733	5/31/2008 7:16	14.51	50.625	33.21	7.6	7.83	15	1.94
734	5/31/2008 7:31	14.38	51.625	33.94	7.6	7.81	14.7	2.03
735	5/31/2008 7:46	14.3	51.279	33.68	7.63	7.81	12.3	2.093
736	5/31/2008 8:01	14.14	50.958	33.44	7.59	7.79	10.1	2.157
737	5/31/2008 8:16	13.91	51.359	33.73	7.6	7.78	7.3	2.227
738	5/31/2008 8:31	13.84	50.632	33.19	7.63	7.78	7.1	2.289
739	5/31/2008 8:46	13.7	50.606	33.17	7.65	7.78	6.6	2.356
740	5/31/2008 9:01	13.68	51.044	33.49	7.68	7.78	6.4	2.401
741	5/31/2008 9:16	13.6	50.98	33.44	7.7	7.78	6	2.447
742	5/31/2008 9:31	13.43	51.16	33.56	7.74	7.78	5.9	2.501
743	5/31/2008 9:46	13.19	50.877	33.35	7.88	7.79		2.53
744	5/31/2008 10:01	13.31	50.95	33.4	7.69	7.78	4.6	2.548
745	5/31/2008 10:16	13.49	51.101	33.52	7.6	7.79	4.6	2.562
746	5/31/2008 10:31	13.29	50.893	33.36	7.49	7.77	3.3	2.569
747	5/31/2008 10:46	13.48	50.712	33.24	7.59	7.78	4.1	2.545
748	5/31/2008 11:01	13.61	50.628	33.18	7.89	7.82	5.4	2.508
749	5/31/2008 11:16	13.86	51.428	33.77	8.51	7.86	6.2	2.458
750	5/31/2008 11:31	13.93	51.367	33.73	8.85	7.88	5.7	2.407
751	5/31/2008 11:46	13.92	50.689	33.24	8.44	7.85	6.2	2.345
752	5/31/2008 12:01	14.01	51.351	33.72	8.57	7.86	6.8	2.259
753	5/31/2008 12:16	14.08	51.199	33.61	8.44	7.85	7	2.188
754	5/31/2008 12:31	14.15	51.256	33.66	8.41	7.85	6.5	2.118
755	5/31/2008 12:46	14.25	51.197	33.62	8.37	7.85	6.3	2.036
756	5/31/2008 13:01	14.33	51.254	33.66	8.6	7.87	6.2	1.968
757	5/31/2008 13:16	14.35	50.118	32.83	9.09	7.92	9.8	1.9
758	5/31/2008 13:31	14.47	51.363	33.75	8.83	7.89	6.4	1.829
759	5/31/2008 13:46	14.55	51.204	33.63	8.58	7.89	5.4	1.773
760	5/31/2008 14:01	14.57	51.378	33.76	8.57	7.89	5.1	1.717
761	5/31/2008 14:16	14.62	50.907	33.42	8.22	7.87	5.3	1.671
762	5/31/2008 14:31	14.61	51.336	33.73	7.88	7.85	2.9	1.642
763	5/31/2008 14:46	14.64	51.401	33.78	6.96	7.8	1.5	1.617
764	5/31/2008 15:01	14.57	50.069	32.8	9.12	7.91	6.3	1.613

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	5/31/2008 15:16	14.58	50.276	32.95	8.78	7.89	7.9	1.631
766	5/31/2008 15:31	14.56	50.039	32.78	8.77	7.88	7.6	1.635
767	5/31/2008 15:46	14.6	50.539	33.15	8.62	7.88	7.8	1.671
768	5/31/2008 16:01	14.65	51.413	33.79	8.57	7.88	7.8	1.728
769	5/31/2008 16:16	14.86	51.364	33.76	8.26	7.88	8.6	1.782
770	5/31/2008 16:31	14.74	51.608	33.93	8.18	7.86	10.3	1.843
771	5/31/2008 16:46	14.74	51.507	33.86	8.13	7.86	9.8	1.908
772	5/31/2008 17:01	14.67	51.4	33.78	8.17	7.85	9.3	1.985
773	5/31/2008 17:16	14.42	51.373	33.75	8.25	7.84	8.7	2.062
774	5/31/2008 17:31	14.23	51.435	33.79	8.31	7.84	7.9	2.133
775	5/31/2008 17:46	14.27	50.661	33.23	8.22	7.84	7.3	2.2
776	5/31/2008 18:01	13.97	50.825	33.34	8.02	7.81	7.4	2.284
777	5/31/2008 18:16	13.74	51.303	33.68	7.95	7.8	8.2	2.371
778	5/31/2008 18:31	13.59	50.791	33.3	7.93	7.8	7.4	2.44
779	5/31/2008 18:46	13.46	51.372	33.72	7.92	7.8	7.9	2.53
780	5/31/2008 19:01	13.26	51.402	33.73	7.95	7.8	9.6	2.621
781	5/31/2008 19:16	12.93	50.997	33.42	8.05	7.8	10.8	2.711
782	5/31/2008 19:31	12.59	51.466	33.75	8.19	7.81	12.8	2.794
783	5/31/2008 19:46	12.28	51.116	33.48	8.45	7.83	14	2.889
784	5/31/2008 20:01	11.9	51.401	33.67	8.67	7.84	12.8	2.985
785	5/31/2008 20:16	11.57	51.427	33.67	8.89	7.86	14	3.073
786	5/31/2008 20:31	11.22	51.429	33.66	9.24	7.89	13	3.147
787	5/31/2008 20:46	10.96	51.458	33.66	9.56	7.92	9.9	3.226
788	5/31/2008 21:01	10.83	50.41	32.89	9.86	7.94	8.9	3.295
789	5/31/2008 21:16	10.79	51.589	33.75	9.86	7.94	6.8	3.336
790	5/31/2008 21:31	10.78	50.861	33.22	9.87	7.95	5.2	3.371
791	5/31/2008 21:46	11.76	51.476	33.72	8.81	7.87	5.6	3.397
792	5/31/2008 22:01	11.08	51.481	33.69	9.39	7.92	5.1	3.39
793	5/31/2008 22:16	10.97	51.471	33.67	9.47	7.92	4.9	3.366
794	5/31/2008 22:31	10.93	51.168	33.45	9.23	7.9	7.9	3.32
795	5/31/2008 22:46	11.08	51.664	33.82	9.29	7.9	8.5	3.249
796	5/31/2008 23:01	11.42	51.656	33.83	8.73	7.85	11.3	3.166
797	5/31/2008 23:16	11.09	51.68	33.83	9.03	7.88	9.3	3.065
798	5/31/2008 23:31	11.58	51.227	33.53	8.69	7.85	10.3	2.952
799	5/31/2008 23:46	11.5	51.597	33.79	8.77	7.86	9.5	2.836
800	6/1/2008 0:01	12.24	51.584	33.82	8.45	7.84	10.3	2.722
801	6/1/2008 0:16	12.89	51.601	33.86	8.24	7.84	11.9	2.597
802	6/1/2008 0:31	13.31	51.467	33.78	8.12	7.84	13.2	2.477
803	6/1/2008 0:46	13.18	51.676	33.93	8.14	7.83	11.1	2.356
804	6/1/2008 1:01	12.85	51.481	33.78	8.16	7.82	9.6	2.226
805	6/1/2008 1:16	12.01	51.562	33.79	8.38	7.83	8.9	2.1
806	6/1/2008 1:31	12.69	51.587	33.85	8.22	7.83	9	1.951
807	6/1/2008 1:46	12.67	51.661	33.9	8.17	7.82	10.7	1.814
808	6/1/2008 2:01	13.01	51.637	33.9	8.03	7.82	11	1.687
809	6/1/2008 2:16	13.12	51.665	33.92	7.98	7.81	11	1.536

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
810	6/1/2008 2:31	13.35	51.648	33.92	7.91	7.81	11	1.391
811	6/1/2008 2:46	13.41	51.657	33.93	7.84	7.81	10.4	1.263
812	6/1/2008 3:01	13.51	51.51	33.82	7.79	7.81	9.6	1.132
813	6/1/2008 3:16	13.55	51.655	33.93	7.73	7.8	8.4	1.008
814	6/1/2008 3:31	13.65	51.65	33.93	7.65	7.81	7.8	0.9
815	6/1/2008 3:46	13.7	51.666	33.94	7.62	7.81	7.6	0.815
816	6/1/2008 4:01	13.77	51.659	33.94	7.37	7.8	6.1	0.767
817	6/1/2008 4:16	13.55	51.72	33.98	7.3	7.77	6.2	0.732
818	6/1/2008 4:31	13.77	51.668	33.95	7.67	7.82	6.8	0.731
819	6/1/2008 4:46	14.08	51.693	33.98	7.77	7.85	7.3	0.776
820	6/1/2008 5:01	13.97	51.493	33.83	7.8	7.85	8.4	0.836
821	6/1/2008 5:16	14.15	51.716	34	7.86	7.87	8.9	0.882
822	6/1/2008 5:31	14.11	51.714	33.99	7.87	7.86	8.5	0.959
823	6/1/2008 5:46	14.11	51.711	33.99	7.85	7.85	9.7	1.042
824	6/1/2008 6:01	14.15	51.691	33.98	7.83	7.86	9.8	1.1
825	6/1/2008 6:16	14.16	51.553	33.88	7.88	7.88	11.2	1.168
826	6/1/2008 6:31	14.19	51.583	33.9	7.83	7.88	13.3	1.242
827	6/1/2008 6:46	14.12	51.643	33.94	7.85	7.87	13.4	1.327
828	6/1/2008 7:01	14.01	51.455	33.8	7.83	7.86	12.6	1.399
829	6/1/2008 7:16	13.96	51.065	33.51	7.86	7.86	11.4	1.482
830	6/1/2008 7:31	13.99	50.76	33.29	7.91	7.86	14	1.581
831	6/1/2008 7:46	13.96	50.671	33.22	7.9	7.85	10.9	1.674
832	6/1/2008 8:01	13.96	51.115	33.55	7.88	7.85	11.2	1.76
833	6/1/2008 8:16	13.96	51.143	33.57	7.87	7.85	11.7	1.869
834	6/1/2008 8:31	13.88	50.704	33.25	7.9	7.84	12.5	1.955
835	6/1/2008 8:46	13.74	51.179	33.59	7.81	7.82	12	2.04
836	6/1/2008 9:01	13.55	50.619	33.17	7.81	7.81	10.3	2.125
837	6/1/2008 9:16	13.43	50.857	33.34	7.8	7.81	9.5	2.204
838	6/1/2008 9:31	13.35	51.065	33.49	7.84	7.81	8.4	2.284
839	6/1/2008 9:46	13.3	50.937	33.39	7.84	7.81	7.9	2.342
840	6/1/2008 10:01	13.13	50.576	33.12	7.91	7.81	8.7	2.414
841	6/1/2008 10:16	12.81	50.862	33.32	8.02	7.81	9.4	2.473
842	6/1/2008 10:31	12.49	50.71	33.2	8.15	7.81	8.7	2.526
843	6/1/2008 10:46	12.28	51.054	33.44	8.23	7.82	7.6	2.562
844	6/1/2008 11:01	12.18	50.975	33.38	8.15	7.82	5.7	2.601
845	6/1/2008 11:16	12.08	50.969	33.37	8.21	7.82	4.5	2.633
846	6/1/2008 11:31	12.61	51.079	33.47	8.84	7.87	5.2	2.626
847	6/1/2008 11:46	12.08	50.971	33.37	8.03	7.81	4.6	2.62
848	6/1/2008 12:01	12.1	50.836	33.27	8.01	7.81	4	2.596
849	6/1/2008 12:16	12.36	51.107	33.48	8.12	7.82	5	2.547
850	6/1/2008 12:31	12.76	51.001	33.42	8.33	7.83	7.4	2.49
851	6/1/2008 12:46	13.08	50.838	33.31	8.54	7.85	7.9	2.411
852	6/1/2008 13:01	13.3	50.993	33.44	8.62	7.86	7.9	2.347
853	6/1/2008 13:16	13.45	50.968	33.42	8.81	7.87	7.6	2.275
854	6/1/2008 13:31	13.61	51.027	33.47	9.03	7.89	7.5	2.199

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
855	6/1/2008 13:46	13.74	50.881	33.37	8.94	7.89	7	2.126
856	6/1/2008 14:01	13.87	50.837	33.34	8.83	7.89	6.9	2.056
857	6/1/2008 14:16	14.02	50.742	33.28	8.88	7.9	7.1	1.995
858	6/1/2008 14:31	14.12	50.565	33.15	8.87	7.9	7.9	1.926
859	6/1/2008 14:46	14.16	50.603	33.18	8.88	7.9	8.4	1.872
860	6/1/2008 15:01	14.18	50.525	33.12	8.6	7.89	6.7	1.82
861	6/1/2008 15:16	14.22	51.193	33.61	8.44	7.87	5.4	1.778
862	6/1/2008 15:31	14.23	50.712	33.26	7.9	7.84	3.3	1.762
863	6/1/2008 15:46	14.24	50.991	33.47	7.33	7.8	2.7	1.724
864	6/1/2008 16:01	14.32	50.809	33.34	8.37	7.88	4.3	1.736
865	6/1/2008 16:16	14.28	50.905	33.4	8.75	7.9	8.6	1.749
866	6/1/2008 16:31	14.24	50.851	33.36	8.66	7.89	8.5	1.76
867	6/1/2008 16:46	14.25	51.055	33.51	8.79	7.89	8.4	1.811
868	6/1/2008 17:01	14.23	51.226	33.64	8.74	7.89	8.2	1.863
869	6/1/2008 17:16	14.25	51.102	33.55	8.68	7.88	8.3	1.93
870	6/1/2008 17:31	14.19	50.562	33.15	8.67	7.88	8.3	1.997
871	6/1/2008 17:46	14.24	50.877	33.38	8.65	7.88	7.9	2.066
872	6/1/2008 18:01	14.04	50.787	33.31	8.69	7.87	8.3	2.149
873	6/1/2008 18:16	14.04	50.458	33.07	8.67	7.87	7.8	2.223
874	6/1/2008 18:31	13.94	50.54	33.13	8.72	7.87	7.7	2.301
875	6/1/2008 18:46	13.43	50.718	33.24	8.53	7.85	8.9	2.381
876	6/1/2008 19:01	13.12	50.527	33.09	8.51	7.84	8	2.467
877	6/1/2008 19:16	12.84	50.68	33.19	8.49	7.84	8.3	2.558
878	6/1/2008 19:31	12.74	50.726	33.22	8.5	7.84	9.3	2.643
879	6/1/2008 19:46	12.48	50.824	33.28	8.68	7.85	10.3	2.742
880	6/1/2008 20:01	12.2	50.664	33.15	8.88	7.87	11.8	2.835
881	6/1/2008 20:16	11.92	51.036	33.41	9.18	7.89	13.4	2.932
882	6/1/2008 20:31	11.57	50.991	33.36	9.6	7.92	14.6	3.034
883	6/1/2008 20:46	11.34	51.195	33.49	9.92	7.94	13.4	3.123
884	6/1/2008 21:01	10.87	50.954	33.29	10.78	8	13.3	3.217
885	6/1/2008 21:16	10.76	50.896	33.24	11.19	8.03	11.6	3.3
886	6/1/2008 21:31	10.75	50.186	32.72	11.34	8.04	7	3.366
887	6/1/2008 21:46	10.72	50.236	32.76	11.36	8.05	6.3	3.438
888	6/1/2008 22:01	10.74	50.231	32.76	11.32	8.05	4.3	3.49
889	6/1/2008 22:16	10.73	50.185	32.72	11.3	8.05	4.1	3.522
890	6/1/2008 22:31	10.94	50.23	32.77	10.73	8.01	5	3.537
891	6/1/2008 22:46	11.38	50.859	33.25	9.66	7.94	8	3.528
892	6/1/2008 23:01	10.85	50.912	33.26	10.09	7.97	7.3	3.505
893	6/1/2008 23:16	10.74	50.433	32.9	10.37	7.98	7.4	3.445
894	6/1/2008 23:31	10.94	51.032	33.35	10.1	7.96	8.1	3.363
895	6/1/2008 23:46	10.77	51.316	33.55	10.11	7.97	8.4	3.26
896	6/2/2008 0:01	10.91	51.383	33.6	10.31	7.98	9	3.151
897	6/2/2008 0:16	10.78	51.033	33.34	10.41	7.99	7.7	3.029
898	6/2/2008 0:31	11.48	51.087	33.42	9.84	7.96	8.1	2.898
899	6/2/2008 0:46	11.98	51.131	33.48	9.6	7.95	8.3	2.773

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
900	6/2/2008 1:01	12.43	51.017	33.42	9.08	7.91	8.3	2.65
901	6/2/2008 1:16	12.65	50.826	33.29	8.8	7.89	9	2.511
902	6/2/2008 1:31	12.84	50.635	33.16	8.61	7.87	11.1	2.366
903	6/2/2008 1:46	12.55	51.031	33.43	8.73	7.88	9.8	2.225
904	6/2/2008 2:01	12.1	50.768	33.22	9.08	7.9	9.5	2.084
905	6/2/2008 2:16	12.22	50.885	33.31	8.98	7.9	10.9	1.931
906	6/2/2008 2:31	12.47	51.101	33.48	8.79	7.89	11.2	1.78
907	6/2/2008 2:46	12.66	50.938	33.37	8.58	7.88	11.5	1.623
908	6/2/2008 3:01	12.68	50.847	33.3	8.47	7.87	11.3	1.469
909	6/2/2008 3:16	12.91	50.907	33.36	8.33	7.87	11.3	1.312
910	6/2/2008 3:31	13.09	50.636	33.17	8.23	7.86	12	1.154
911	6/2/2008 3:46	13.26	51.738	33.98	8.09	7.86		0.991
912	6/2/2008 4:01	13.35	51.675	33.94	8.07	7.86		0.833
913	6/2/2008 4:16	13.42	51.019	33.46	8.03	7.86	9.5	0.703
914	6/2/2008 4:31	13.54	50.308	32.94	7.99	7.87	11.6	0.6
915	6/2/2008 4:46	13.55	50.325	32.96	7.82	7.86	11.9	0.496
916	6/2/2008 5:01	13.39	50.338	32.96	7.83	7.86	12.3	0.467
917	6/2/2008 5:16	13.51	50.267	32.91	8.02	7.87	9.8	0.483
918	6/2/2008 5:31	13.64	50.925	33.4	8.04	7.89	9.3	0.522
919	6/2/2008 5:46	13.59	50.7	33.23	8.07	7.88	12.5	0.591
920	6/2/2008 6:01	13.62	50.878	33.36	8.08	7.89	8.9	0.672
921	6/2/2008 6:16	13.72	50.891	33.38	8.16	7.91	8.9	0.747
922	6/2/2008 6:31	13.69	51.097	33.53	8.11	7.9	9	0.798
923	6/2/2008 6:46	13.78	51.523	33.84	8.14	7.92	8.6	0.871
924	6/2/2008 7:01	13.88	51.324	33.7	7.94	7.91	11.8	0.932
925	6/2/2008 7:16	13.87	51.283	33.67	7.94	7.91	13.3	1.007
926	6/2/2008 7:31	13.86	51.362	33.73	7.93	7.91	15.6	1.087
927	6/2/2008 7:46	13.85	51.427	33.77	7.9	7.9	15.9	1.18
928	6/2/2008 8:01	13.85	51.439	33.78	7.95	7.9	15.1	1.28
929	6/2/2008 8:16	13.77	51.568	33.87	8.03	7.91	14.3	1.38
930	6/2/2008 8:31	13.73	51.028	33.48	8.05	7.9	14.5	1.498
931	6/2/2008 8:46	13.61	50.265	32.92	8.08	7.89	13.6	1.605
932	6/2/2008 9:01	13.52	51.021	33.46	8.09	7.88	12.9	1.718
933	6/2/2008 9:16	13.46	50.829	33.32	8.13	7.88	12.1	1.828
934	6/2/2008 9:31	13.4	50.618	33.17	8.14	7.87	11.4	1.927
935	6/2/2008 9:46	13.24	51.157	33.55	8.13	7.87	10.6	2.038
936	6/2/2008 10:01	13.05	50.352	32.96	8.19	7.86	11	2.129
937	6/2/2008 10:16	12.96	51.171	33.55	8.2	7.86	10.9	2.215
938	6/2/2008 10:31	12.84	51.204	33.57	8.28	7.86	11.1	2.295
939	6/2/2008 10:46	12.6	50.348	32.94	8.49	7.87	12	2.367
940	6/2/2008 11:01	12.25	50.841	33.28	8.72	7.88	11.2	2.448
941	6/2/2008 11:16	11.95	50.133	32.75	9.03	7.9	11	2.505
942	6/2/2008 11:31	11.78	51.633	33.83	9.12	7.91	10	2.567
943	6/2/2008 11:46	11.64	50.913	33.3	9.3	7.92	10.3	2.631
944	6/2/2008 12:01	11.63	50.161	32.75	9.36	7.92	7.9	2.662

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
945	6/2/2008 12:16	11.61	51.074	33.42	9.22	7.92	5.1	2.695
946	6/2/2008 12:31	12.07	51.087	33.45	9.26	7.92	6	2.713
947	6/2/2008 12:46	11.76	50.725	33.17	9.11	7.91	6.2	2.709
948	6/2/2008 13:01	11.7	50.996	33.37	9.14	7.91	5.4	2.673
949	6/2/2008 13:16	11.78	50.327	32.88	9.2	7.92	6	2.627
950	6/2/2008 13:31	12.1	50.888	33.31	9.32	7.93	6.7	2.565
951	6/2/2008 13:46	12.54	50.706	33.2	9.65	7.95	8.6	2.492
952	6/2/2008 14:01	13.06	51.593	33.87	9.85	7.96	9	2.421
953	6/2/2008 14:16	13.28	50.83	33.32	9.73	7.96	7.4	2.329
954	6/2/2008 14:31	13.57	50.768	33.28	9.93	7.97	7.7	2.268
955	6/2/2008 14:46	13.7	50.194	32.87	9.77	7.96	6.8	2.194
956	6/2/2008 15:01	13.99	51.329	33.71	9.89	7.97	6	2.115
957	6/2/2008 15:16	14.24	50.857	33.37	9.65	7.96	6.8	2.066
958	6/2/2008 15:31	14.38	51.616	33.93	9.58	7.96	6.5	1.99
959	6/2/2008 15:46	14.44	50.724	33.28	9.36	7.95	5.6	1.934
960	6/2/2008 16:01	14.52	50.55	33.15	9.75	7.97	6.1	1.899
961	6/2/2008 16:16	14.57	50.315	32.98	9.35	7.95	5.4	1.849
962	6/2/2008 16:31	14.63	51.298	33.7	9.33	7.95	4.6	1.809
963	6/2/2008 16:46	14.71	50.65	33.23	8.44	7.9	2.1	1.797
964	6/2/2008 17:01	14.61	50.217	32.91	9.99	7.99	6	1.802
965	6/2/2008 17:16	14.68	51.406	33.78	9.86	7.98	7.1	1.806
966	6/2/2008 17:31	14.59	50.679	33.25	9.86	7.97	6.7	1.846
967	6/2/2008 17:46	14.69	51.578	33.91	9.73	7.97	7.1	1.883
968	6/2/2008 18:01	14.69	50.782	33.33	9.59	7.95	7.4	1.945
969	6/2/2008 18:16	14.86	51.073	33.54	9.34	7.94	8	2.014
970	6/2/2008 18:31	14.79	50.128	32.85	9.3	7.93	7.9	2.083
971	6/2/2008 18:46	14.24	51.583	33.9	9.39	7.93	9.2	2.166
972	6/2/2008 19:01	14.02	50.494	33.1	9.41	7.93	8.1	2.244
973	6/2/2008 19:16	13.54	51.07	33.5	9.29	7.92	8.9	2.325
974	6/2/2008 19:31	12.93	50.496	33.06	9.24	7.91	8.5	2.413
975	6/2/2008 19:46	12.75	51.081	33.48	9.16	7.91	7.9	2.491
976	6/2/2008 20:01	12.54	51.156	33.52	9.24	7.91	7.8	2.578
977	6/2/2008 20:16	12.47	51.37	33.68	9.32	7.92	8.4	2.675
978	6/2/2008 20:31	11.99	50.634	33.12	9.63	7.94	9.8	2.777
979	6/2/2008 20:46	11.79	51.244	33.55	9.81	7.95	10.3	2.871
980	6/2/2008 21:01	11.46	51.014	33.37	10.36	7.99	11.8	2.983
981	6/2/2008 21:16	11.17	51.154	33.45	10.93	8.03	12.5	3.074
982	6/2/2008 21:31	10.92	51.014	33.34	11.38	8.05	12.8	3.172
983	6/2/2008 21:46	10.78	50.871	33.22	11.74	8.07	10.2	3.277
984	6/2/2008 22:01	10.72	50.255	32.77	11.92	8.08	9.6	3.358
985	6/2/2008 22:16	10.65	50.657	33.06	11.97	8.09	9	3.437
986	6/2/2008 22:31	10.6	51.086	33.37	11.92	8.09	6	3.499
987	6/2/2008 22:46	10.6	50.652	33.05	11.91	8.08	4.6	3.552
988	6/2/2008 23:01	10.67	51.172	33.44	11.73	8.07	3.5	3.593
989	6/2/2008 23:16	10.87	51.239	33.5	10.79	8.04	3.2	3.611

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
990	6/2/2008 23:31	10.97	51.108	33.41	10.99	8.04	4.6	3.602
991	6/2/2008 23:46	10.97	50.659	33.08	10.9	8.03	5.5	3.58
992	6/3/2008 0:01	10.79	51.025	33.34	11.36	8.05	5.1	3.518
993	6/3/2008 0:16	11.01	50.923	33.28	10.92	8.03	4.4	3.445
994	6/3/2008 0:31	11.17	50.512	32.98	10.6	8.01	4.9	3.346
995	6/3/2008 0:46	11.72	50.987	33.36	10	7.98	6.4	3.219
996	6/3/2008 1:01	11.57	50.82	33.23	10.1	7.99	4.8	3.114
997	6/3/2008 1:16	11.55	50.278	32.84	10.86	8.03	7	2.988
998	6/3/2008 1:31	11.47	50.947	33.32	10.87	8.03	7.1	2.845
999	6/3/2008 1:46	11.65	50.737	33.17	10.54	8.01	7.1	2.713
1000	6/3/2008 2:01	12.19	50.303	32.89	9.91	7.97	9.9	2.583
1001	6/3/2008 2:16	12.3	50.178	32.8	9.86	7.97	7.5	2.432
1002	6/3/2008 2:31	12.56	50.459	33.02	9.59	7.95	8.1	2.261
1003	6/3/2008 2:46	12.87	50.841	33.31	9.24	7.92	7.8	2.124
1004	6/3/2008 3:01	12.93	50.81	33.29	9.09	7.93	7.4	1.959
1005	6/3/2008 3:16	12.78	50.382	32.97	9.36	7.94	9.5	1.803
1006	6/3/2008 3:31	12.55	50.535	33.07	9.44	7.94	9.2	1.627
1007	6/3/2008 3:46	13.47	50.601	33.16	9.08	7.93	11.8	1.459
1008	6/3/2008 4:01	13.65	50.749	33.27	8.93	7.93	9.9	1.301
1009	6/3/2008 4:16	13.78	50.73	33.26	8.76	7.91	10.1	1.121
1010	6/3/2008 4:31	14.01	50.725	33.27	8.58	7.91	8.1	0.951
1011	6/3/2008 4:46	14.15	50.828	33.35	8.56	7.91	9.5	0.782
1012	6/3/2008 5:01	14.25	50.852	33.37	8.44	7.91	8.1	0.605
1013	6/3/2008 5:16	14.5	50.873	33.39	8.43	7.91	10.2	0.468
1014	6/3/2008 5:31	14.57	50.839	33.36	8.23	7.9	7.9	0.348
1015	6/3/2008 5:46	14.54	50.555	33.16	7.43	7.89	6.3	0.27
1016	6/3/2008 6:01	14.69	50.968	33.46	8.33	7.9	8.7	0.297
1017	6/3/2008 6:16	15.38	50.502	33.14	8.74	7.94	8.3	0.336
1018	6/3/2008 6:31	15.25	50.702	33.28	8.67	7.94	7.3	0.397
1019	6/3/2008 6:46	15.24	50.567	33.18	8.7	7.95	7.8	0.51
1020	6/3/2008 7:01	15.27	50.754	33.32	8.74	7.95	7.6	0.592
1021	6/3/2008 7:16	15.25	50.644	33.24	8.77	7.94	8.1	0.648
1022	6/3/2008 7:31	15.3	50.37	33.04	8.4	7.9	10.7	0.703
1023	6/3/2008 7:46	15.33	50.085	32.83	8.4	7.91	11.1	0.794
1024	6/3/2008 8:01	15.27	50.325	33.01	8.33	7.9	11.4	0.863
1025	6/3/2008 8:16	15.26	50.272	32.97	8.33	7.89	12.9	0.934
1026	6/3/2008 8:31	15.18	49.836	32.65	8.33	7.9	12.5	1.045
1027	6/3/2008 8:46	15.01	50.641	33.23	8.35	7.89	13.6	1.145
1028	6/3/2008 9:01	14.8	50.424	33.07	8.43	7.9	12.4	1.261
1029	6/3/2008 9:16	14.64	50.472	33.1	8.4	7.9	10.8	1.367
1030	6/3/2008 9:31	14.4	50.828	33.35	8.46	7.9	11.4	1.492
1031	6/3/2008 9:46	14.3	51.312	33.7	8.45	7.89	11	1.619
1032	6/3/2008 10:01	14.25	50.494	33.1	8.53	7.9	10.1	1.738
1033	6/3/2008 10:16	14.24	50.393	33.03	8.53	7.9	10.3	1.856
1034	6/3/2008 10:31	14.07	50.398	33.03	8.53	7.9	10.6	1.963

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1035	6/3/2008 10:46	13.89	50.468	33.07	8.6	7.9	10.9	2.074
1036	6/3/2008 11:01	13.65	50.233	32.89	8.66	7.9	11.4	2.164
1037	6/3/2008 11:16	13.46	49.273	32.19	8.81	7.9	11.7	2.26
1038	6/3/2008 11:31	12.98	50.526	33.08	9.02	7.91	13.1	2.339
1039	6/3/2008 11:46	12.61	50.24	32.86	9.37	7.94	13.9	2.431
1040	6/3/2008 12:01	12.24	50.211	32.82	9.81	7.97	13	2.502
1041	6/3/2008 12:16	11.99	50.152	32.77	10.11	7.99	10.3	2.575
1042	6/3/2008 12:31	11.96	50.028	32.67	10.4	8.01	8.5	2.638
1043	6/3/2008 12:46	11.94	50.81	33.24	10.65	8.03	6.9	2.694
1044	6/3/2008 13:01	12	50.142	32.76	10.85	8.04	6.3	2.752
1045	6/3/2008 13:16	11.92	50.367	32.92	10.85	8.05	6	2.764
1046	6/3/2008 13:31	12.21	50.557	33.07	10.1	8	3.4	2.792
1047	6/3/2008 13:46	12.1	50.359	32.92	10.22	8.01	4	2.779
1048	6/3/2008 14:01	12.18	50.502	33.03	10.42	8.02	5.2	2.746
1049	6/3/2008 14:16	12.27	50.5	33.03	10.65	8.04	4.8	2.704
1050	6/3/2008 14:31	12.45	50.425	32.99	10.65	8.04	5.9	2.632
1051	6/3/2008 14:46	12.58	50.415	32.99	11.06	8.07	7.3	2.556
1052	6/3/2008 15:01	12.79	50.046	32.72	10.65	8.05	6.7	2.485
1053	6/3/2008 15:16	12.86	51.254	33.61	10.84	8.08	7.2	2.394
1054	6/3/2008 15:31	13.03	50.178	32.83	11.02	8.07	8	2.311
1055	6/3/2008 15:46	13.4	49.839	32.6	10.78	8.04	7	2.246
1056	6/3/2008 16:01	13.4	50.289	32.93	11.32	8.09	6.7	2.167
1057	6/3/2008 16:16	13.72	50.096	32.8	11.27	8.09	6	2.105
1058	6/3/2008 16:31	14.18	50.473	33.09	10.52	8.03	7.1	2.039
1059	6/3/2008 16:46	13.96	51.294	33.68	11.29	8.1	5.8	1.976
1060	6/3/2008 17:01	14.28	50.458	33.08	11	8.09	7.1	1.937
1061	6/3/2008 17:16	14.57	51.347	33.74	9.15	7.98	4.8	1.901
1062	6/3/2008 17:31	14.76	51.232	33.66	9.03	7.99	2.7	1.861
1063	6/3/2008 17:46	14.8	50.035	32.78	8.86	7.94	4	1.862
1064	6/3/2008 18:01	14.26	50.454	33.07	10.88	8.07	5.6	1.859
1065	6/3/2008 18:16	14.81	51.269	33.69	9.91	8	6.4	1.883
1066	6/3/2008 18:31	14.8	50.487	33.11	9.93	8	6.6	1.921
1067	6/3/2008 18:46	15.05	50.297	32.98	9.54	7.97	7.1	1.968
1068	6/3/2008 19:01	15.04	50.55	33.17	9.44	7.96	7.4	2.028
1069	6/3/2008 19:16	14.98	50.426	33.07	9.39	7.96	9	2.108
1070	6/3/2008 19:31	14.83	50.485	33.11	9.35	7.95	9.9	2.18
1071	6/3/2008 19:46	14.22	50.198	32.89	9.9	7.98	9.3	2.256
1072	6/3/2008 20:01	13.96	50.421	33.04	10.1	8	8.4	2.347
1073	6/3/2008 20:16	13.54	50.519	33.1	10.21	8	9.6	2.438
1074	6/3/2008 20:31	13.3	50.448	33.04	10.22	8	8.7	2.517
1075	6/3/2008 20:46	13.08	50.308	32.93	10.35	8.01	8.4	2.607
1076	6/3/2008 21:01	12.55	49.937	32.64	11.13	8.06	8.9	2.711
1077	6/3/2008 21:16	12.24	50.418	32.97	11.65	8.1	9.4	2.805
1078	6/3/2008 21:31	12.09	50.187	32.8	11.86	8.11	9.9	2.916
1079	6/3/2008 21:46	12.03	50.163	32.78	11.98	8.11	11.7	3.014

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1080	6/3/2008 22:01	11.8	50.11	32.73	12.34	8.14	12.3	3.114
1081	6/3/2008 22:16	11.54	49.925	32.58	12.77	8.16	12	3.229
1082	6/3/2008 22:31	11.34	50.098	32.69	12.98	8.17	11.5	3.31
1083	6/3/2008 22:46	11.23	50.401	32.91	13.18	8.18	9.5	3.404
1084	6/3/2008 23:01	11.16	50.388	32.89	13.25	8.18	7.3	3.483
1085	6/3/2008 23:16	11.13	50.26	32.8	13.25	8.19	7	3.551
1086	6/3/2008 23:31	11.04	50.206	32.76	13.23	8.19	5.6	3.605
1087	6/3/2008 23:46	11.04	50.365	32.87	13.04	8.19	4.2	3.64
1088	6/4/2008 0:01	11.15	50.167	32.73	11.95	8.12	2.3	3.67
1089	6/4/2008 0:16	11.45	50.038	32.66	11.83	8.11	3.8	3.672
1090	6/4/2008 0:31	11.43	50.285	32.83	12.15	8.14	6	3.636
1091	6/4/2008 0:46	11.21	50.067	32.66	12.68	8.16	7.2	3.583
1092	6/4/2008 1:01	11.48	50.515	33	12.36	8.14	12.4	3.517
1093	6/4/2008 1:16	11.37	50.498	32.99	12.58	8.15	6.9	3.42
1094	6/4/2008 1:31	11.41	50.652	33.1	12.38	8.14	5.9	3.304
1095	6/4/2008 1:46	11.6	50.362	32.9	12.12	8.13	7.1	3.187
1096	6/4/2008 2:01	12.05	49.993	32.65	11.83	8.12	9.1	3.055
1097	6/4/2008 2:16	12	51.114	33.47	11.82	8.13	10.3	2.913
1098	6/4/2008 2:31	12.05	50.199	32.8	11.74	8.12	7.8	2.788
1099	6/4/2008 2:46	12.13	50.16	32.78	11.52	8.11	7.3	2.652
1100	6/4/2008 3:01	12.29	50.315	32.9	11.2	8.08	8.1	2.479
1101	6/4/2008 3:16	12.77	50.29	32.9	10.53	8.05	9.8	2.333
1102	6/4/2008 3:31	13.26	50.468	33.05	10.06	8.02	10.4	2.175
1103	6/4/2008 3:46	12.85	50.389	32.98	10.17	8.03	8.6	2.015
1104	6/4/2008 4:01	13.05	50.581	33.13	10.14	8.02	8.2	1.846
1105	6/4/2008 4:16	13.46	50.513	33.09	9.68	8	10.2	1.662
1106	6/4/2008 4:31	13.52	50.387	33	9.48	7.98	11.9	1.502
1107	6/4/2008 4:46	13.53	50.664	33.2	9.3	7.97	11.4	1.315
1108	6/4/2008 5:01	13.77	50.359	32.99	9.06	7.96	11.5	1.136
1109	6/4/2008 5:16	13.93	50.644	33.2	8.91	7.95	10.5	0.954
1110	6/4/2008 5:31	13.9	50.247	32.91	8.87	7.94	10.1	0.761
1111	6/4/2008 5:46	14.23	50.309	32.97	8.56	7.93	8.9	0.581
1112	6/4/2008 6:01	14.19	50.361	33	8.54	7.93	8.9	0.415
1113	6/4/2008 6:16	14.21	50.242	32.92	8.37	7.92	14	0.271
1114	6/4/2008 6:31	13.88	50.514	33.11	8.29	7.92	8.1	0.2
1115	6/4/2008 6:46	14.55	50.379	33.03	8.19	7.92	9.5	0.169
1116	6/4/2008 7:01	14.93	50.546	33.16	8.05	7.91	9.8	0.209
1117	6/4/2008 7:16	15.12	50.962	33.47	7.95	7.91	9.9	0.272
1118	6/4/2008 7:31	15.18	50.687	33.27	7.98	7.91	9.1	0.359
1119	6/4/2008 7:46	15.17	50.51	33.14	7.91	7.91	9	0.458
1120	6/4/2008 8:01	15.18	50.491	33.13	7.89	7.91	8.9	0.524
1121	6/4/2008 8:16	15.22	50.481	33.12	7.91	7.91	9.1	0.625
1122	6/4/2008 8:31	15.23	50.387	33.05	7.96	7.91	10.2	0.678
1123	6/4/2008 8:46	15.11	50.693	33.27	7.86	7.9	9.8	0.736
1124	6/4/2008 9:01	15.24	50.184	32.9	7.97	7.9	12	0.845

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1125	6/4/2008 9:16	15.22	49.777	32.6	7.96	7.9	12.4	0.933
1126	6/4/2008 9:31	15.02	50.395	33.05	8.01	7.9	12.3	1.038
1127	6/4/2008 9:46	14.87	50.298	32.98	7.99	7.9	13.5	1.134
1128	6/4/2008 10:01	14.7	50.382	33.03	8.17	7.91	12.5	1.258
1129	6/4/2008 10:16	14.61	50.255	32.94	8.3	7.92	12.9	1.395
1130	6/4/2008 10:31	14.48	50.27	32.95	8.43	7.92	13.9	1.502
1131	6/4/2008 10:46	14.46	50.614	33.2	8.5	7.93	11.9	1.636
1132	6/4/2008 11:01	14.43	50.108	32.83	8.59	7.93	13.1	1.77
1133	6/4/2008 11:16	14.36	50.498	33.11	8.62	7.94	13.1	1.881
1134	6/4/2008 11:31	14.26	50.492	33.1	8.75	7.94	13.4	1.999
1135	6/4/2008 11:46	14.15	50.532	33.13	8.87	7.95	12.6	2.096
1136	6/4/2008 12:01	14.01	50.417	33.04	9.01	7.96	13.5	2.202
1137	6/4/2008 12:16	13.72	50.299	32.94	9.34	7.97	16.1	2.294
1138	6/4/2008 12:31	13.32	50.574	33.13	9.77	8	16.6	2.375
1139	6/4/2008 12:46	12.89	50.267	32.89	10.41	8.03	14.5	2.463
1140	6/4/2008 13:01	12.59	50.468	33.02	10.82	8.06	15.6	2.534
1141	6/4/2008 13:16	12.5	50.301	32.9	11.03	8.08	14.6	2.604
1142	6/4/2008 13:31	12.44	51.119	33.49	11.09	8.09	12.5	2.662
1143	6/4/2008 13:46	12.43	51.128	33.5	11.22	8.1	10.4	2.717
1144	6/4/2008 14:01	12.45	50.755	33.23	11.18	8.09	6.9	2.762
1145	6/4/2008 14:16	12.48	50.563	33.09	11.09	8.09	5.2	2.783
1146	6/4/2008 14:31	12.53	50.536	33.07	11	8.09	6.3	2.783
1147	6/4/2008 14:46	12.5	50.378	32.95	10.91	8.08	6.7	2.766
1148	6/4/2008 15:01	12.62	50.225	32.85	10.95	8.08	7.9	2.732
1149	6/4/2008 15:16	12.97	49.897	32.62	11.11	8.1	12	2.658
1150	6/4/2008 15:31	13.23	50.407	33.01	11.23	8.11	14.4	2.594
1151	6/4/2008 15:46	13.4	50.326	32.95	11.08	8.1	16	2.529
1152	6/4/2008 16:01	13.51	50.438	33.04	11	8.1	14.6	2.452
1153	6/4/2008 16:16	13.68	50.265	32.92	10.98	8.09	15.3	2.358
1154	6/4/2008 16:31	13.91	50.306	32.96	10.83	8.09	13.7	2.28
1155	6/4/2008 16:46	14.08	49.883	32.65	11	8.1	11.2	2.203
1156	6/4/2008 17:01	14.23	50.075	32.8	11.22	8.13	10.9	2.138
1157	6/4/2008 17:16	14.74	50.028	32.78	10.42	8.08	14.8	2.06
1158	6/4/2008 17:31	15.06	50.012	32.77	9.85	8.04	15.6	1.995
1159	6/4/2008 17:46	15.17	50.132	32.86	9.69	8.02	10.5	1.951
1160	6/4/2008 18:01	15.23	50.352	33.03	9.29	7.99	12.5	1.896
1161	6/4/2008 18:16	15.42	50.264	32.96	9.2	7.99	9	1.857
1162	6/4/2008 18:31	15.31	49.861	32.67	9.04	7.97	5.4	1.831
1163	6/4/2008 18:46	15.21	49.935	32.72	9.71	8.02	7	1.833
1164	6/4/2008 19:01	15.16	49.926	32.71	9.96	8.05	8.7	1.839
1165	6/4/2008 19:16	15.48	49.951	32.74	9.51	8	9.4	1.863
1166	6/4/2008 19:31	15.58	49.773	32.61	9.23	7.98	8.9	1.894
1167	6/4/2008 19:46	15.96	49.855	32.68	8.81	7.95	11.3	1.964
1168	6/4/2008 20:01	15.74	50.868	33.41	8.87	7.96	12.5	2.032
1169	6/4/2008 20:16	16	49.995	32.78	8.9	7.96	13.1	2.094

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	6/4/2008 20:31	15.64	49.796	32.63	9.01	7.96	17.4	2.182
1171	6/4/2008 20:46	15.19	49.805	32.62	9.35	7.98	14.2	2.268
1172	6/4/2008 21:01	14.96	50.022	32.78	9.43	7.98	14.8	2.347
1173	6/4/2008 21:16	13.69	49.908	32.66	10.27	8.04	14.5	2.433
1174	6/4/2008 21:31	13.39	50.435	33.03	10.43	8.05	12.1	2.522
1175	6/4/2008 21:46	13.07	50.29	32.91	10.69	8.07	12.7	2.622
1176	6/4/2008 22:01	12.94	50.255	32.88	10.87	8.09	13.7	2.713
1177	6/4/2008 22:16	12.64	50.466	33.02	11.08	8.1	13.5	2.811
1178	6/4/2008 22:31	12.46	50.488	33.03	11.32	8.12	13.4	2.91
1179	6/4/2008 22:46	12.3	51.015	33.41	11.53	8.13	13	3.018
1180	6/4/2008 23:01	11.99	50.63	33.11	12.02	8.16	14.5	3.112
1181	6/4/2008 23:16	11.7	51.238	33.54	12.32	8.18	13.2	3.205
1182	6/4/2008 23:31	11.5	50.552	33.03	12.72	8.2	9.2	3.3
1183	6/4/2008 23:46	11.46	50.556	33.03	12.85	8.21	9.1	3.379
1184	6/5/2008 0:01	11.44	50.85	33.25	12.67	8.21	6.3	3.451
1185	6/5/2008 0:16	11.42	50.266	32.82	12.76	8.21	4.8	3.517
1186	6/5/2008 0:31	11.49	50.16	32.75	12.49	8.21	3.2	3.56
1187	6/5/2008 0:46	11.53	51.109	33.44	12.1	8.19	5.2	3.588
1188	6/5/2008 1:01	11.69	50.328	32.88	12.1	8.18	5.4	3.607
1189	6/5/2008 1:16	12.15	50.281	32.87	10.72	8.12	4.3	3.59
1190	6/5/2008 1:31	11.63	49.959	32.61	11.83	8.16	4.7	3.559
1191	6/5/2008 1:46	11.45	50.337	32.87	12.22	8.18	6	3.498
1192	6/5/2008 2:01	11.79	50.473	32.99	11.71	8.15	8.3	3.392
1193	6/5/2008 2:16	11.65	50.376	32.91	11.62	8.15	5.4	3.304
1194	6/5/2008 2:31	11.69	50.149	32.75	11.71	8.16	7.3	3.192
1195	6/5/2008 2:46	11.96	50.11	32.73	11.61	8.15	7	3.054
1196	6/5/2008 3:01	12.29	50.292	32.88	11.23	8.14	10.3	2.927
1197	6/5/2008 3:16	12.34	50.525	33.05	11.1	8.13	8.7	2.787
1198	6/5/2008 3:31	12.47	50.485	33.03	10.78	8.11	10.3	2.663
1199	6/5/2008 3:46	12.69	50.293	32.9	10.4	8.09	7.1	2.501
1200	6/5/2008 4:01	13.19	50.311	32.93	9.91	8.05	10.3	2.348
1201	6/5/2008 4:16	13.51	49.849	32.61	9.54	8.03	9.9	2.201
1202	6/5/2008 4:31	13.58	50.012	32.73	9.54	8.02	11	2.034
1203	6/5/2008 4:46	13.55	50.495	33.08	9.6	8.02	10.3	1.875
1204	6/5/2008 5:01	13.46	50.557	33.12	9.51	8.02	9.7	1.708
1205	6/5/2008 5:16	13.84	49.883	32.64	8.98	8	14	1.545
1206	6/5/2008 5:31	14.1	50.019	32.75	8.77	7.98	13.8	1.363
1207	6/5/2008 5:46	14.07	50.462	33.07	8.63	7.97	13.5	1.181
1208	6/5/2008 6:01	14.31	50.055	32.78	8.48	7.96	14.5	0.991
1209	6/5/2008 6:16	14.46	50.076	32.8	8.33	7.95	12	0.816
1210	6/5/2008 6:31	14.66	50.206	32.9	8.09	7.93	11	0.626
1211	6/5/2008 6:46	14.79	50.266	32.95	7.95	7.92	11.8	0.455
1212	6/5/2008 7:01	15.05	50.113	32.85	7.72	7.91	10.9	0.308
1213	6/5/2008 7:16	14.84	50.051	32.8	7.37	7.89	12	0.219
1214	6/5/2008 7:31	15.07	50.009	32.77	7.63	7.91	11.2	0.17

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	6/5/2008 7:46	15.2	50.028	32.79	7.62	7.9	10.6	0.201
1216	6/5/2008 8:01	15.35	50.119	32.86	7.53	7.9	11.4	0.249
1217	6/5/2008 8:16	15.34	50.163	32.89	7.56	7.89	10.7	0.347
1218	6/5/2008 8:31	15.45	50.332	33.02	7.44	7.89	10.9	0.454
1219	6/5/2008 8:46	15.51	50.337	33.02	7.31	7.88	10.7	0.535
1220	6/5/2008 9:01	15.52	51.228	33.67	7.22	7.88	11.7	0.606
1221	6/5/2008 9:16	15.62	50.844	33.39	7.34	7.88	11.3	0.658
1222	6/5/2008 9:31	15.58	49.856	32.67	7.36	7.87	12.6	0.737
1223	6/5/2008 9:46	15.51	50.025	32.79	7.37	7.88	14	0.811
1224	6/5/2008 10:01	15.42	50.09	32.84	7.46	7.88	12.8	0.913
1225	6/5/2008 10:16	15.33	50.041	32.8	7.46	7.88	15.3	1.001
1226	6/5/2008 10:31	15.46	49.732	32.58	7.47	7.88	13.7	1.11
1227	6/5/2008 10:46	15.3	50.816	33.37	7.53	7.88	13.9	1.24
1228	6/5/2008 11:01	15.16	50.048	32.8	7.71	7.9	14	1.352
1229	6/5/2008 11:16	14.71	50.237	32.93	8.08	7.93	14	1.476
1230	6/5/2008 11:31	14.67	50.019	32.77	8.22	7.94	13.1	1.608
1231	6/5/2008 11:46	14.69	50.19	32.89	8.28	7.95	12.9	1.722
1232	6/5/2008 12:01	14.66	50.051	32.79	8.38	7.95	12.9	1.85
1233	6/5/2008 12:16	14.54	50.309	32.98	8.53	7.96	14.1	1.974
1234	6/5/2008 12:31	14.43	50.219	32.91	8.72	7.97	13.3	2.074
1235	6/5/2008 12:46	14.21	50.027	32.76	8.87	7.98	14	2.177
1236	6/5/2008 13:01	13.88	49.931	32.68	9.21	8	20	2.271
1237	6/5/2008 13:16	13.41	49.775	32.55	9.76	8.03	17.5	2.368
1238	6/5/2008 13:31	12.99	51.161	33.55	10.23	8.06	20.7	2.437
1239	6/5/2008 13:46	12.76	50.296	32.91	10.72	8.09	13.7	2.511
1240	6/5/2008 14:01	12.73	49.953	32.65	10.81	8.09	13.1	2.592
1241	6/5/2008 14:16	12.66	50.134	32.78	10.74	8.09	13.2	2.653
1242	6/5/2008 14:31	12.44	49.974	32.66	10.84	8.09	12.3	2.701
1243	6/5/2008 14:46	12.34	50.661	33.15	10.84	8.09	8.9	2.752
1244	6/5/2008 15:01	12.2	49.837	32.55	10.8	8.09	7.3	2.796
1245	6/5/2008 15:16	12.2	50.965	33.37	10.18	8.08	5.3	2.799
1246	6/5/2008 15:31	12.41	50.855	33.3	10.24	8.08	6.7	2.784
1247	6/5/2008 15:46	12.61	50.672	33.17	10.31	8.08	7	2.749
1248	6/5/2008 16:01	12.77	49.872	32.6	10.46	8.08	5.9	2.722
1249	6/5/2008 16:16	12.99	50.878	33.34	10.47	8.09	8.1	2.63
1250	6/5/2008 16:31	13.43	49.936	32.67	10.44	8.09	8.5	2.561
1251	6/5/2008 16:46	13.42	50.962	33.42	10.48	8.09	9.3	2.482
1252	6/5/2008 17:01	13.47	50.987	33.44	10.36	8.08	9.5	2.391
1253	6/5/2008 17:16	13.59	49.941	32.68	10.42	8.08	8.7	2.313
1254	6/5/2008 17:31	14.05	49.827	32.61	10.2	8.07	8.1	2.246
1255	6/5/2008 17:46	14.25	50.851	33.37	10.21	8.07	6.3	2.158
1256	6/5/2008 18:01	14.48	51.181	33.61	9.3	8.02	7.6	2.084
1257	6/5/2008 18:16	14.47	49.683	32.52	9.41	8.02	5.9	2.03
1258	6/5/2008 18:31	14.59	49.771	32.58	9.77	8.05	5.9	1.958
1259	6/5/2008 18:46	14.54	50.867	33.38	9.62	8.04	4.8	1.917

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1260	6/5/2008 19:01	14.73	49.722	32.55	9.46	8.02	5.3	1.861
1261	6/5/2008 19:16	14.67	50.118	32.84	10.25	8.08	5.6	1.839
1262	6/5/2008 19:31	14.99	49.809	32.62	9.26	8.01	5.2	1.811
1263	6/5/2008 19:46	15.16	49.97	32.74	8.59	7.97	4.1	1.806
1264	6/5/2008 20:01	15.02	49.718	32.56	9.36	8.01	5.7	1.83
1265	6/5/2008 20:16	14.99	50.142	32.87	9.28	8.01	6.2	1.853
1266	6/5/2008 20:31	14.91	50.075	32.81	9.11	7.99	7.1	1.895
1267	6/5/2008 20:46	14.84	49.98	32.74	9.04	7.99	7.4	1.96
1268	6/5/2008 21:01	14.94	49.832	32.64	9.03	7.99	9	2.029
1269	6/5/2008 21:16	14.66	49.981	32.74	9.12	7.99	9.8	2.102
1270	6/5/2008 21:31	14.28	49.836	32.62	9.5	8.02	8.8	2.187
1271	6/5/2008 21:46	14.14	49.918	32.68	9.58	8.02	8.1	2.268
1272	6/5/2008 22:01	13.74	50.008	32.73	9.8	8.03	8.5	2.342
1273	6/5/2008 22:16	13.38	50.014	32.72	9.85	8.03	8.7	2.431
1274	6/5/2008 22:31	13.19	49.935	32.66	9.87	8.03	8.4	2.522
1275	6/5/2008 22:46	12.88	50.195	32.84	9.93	8.04	8.6	2.603
1276	6/5/2008 23:01	12.69	50.367	32.95	10.01	8.04	8.3	2.703
1277	6/5/2008 23:16	12.37	49.988	32.66	10.09	8.05	9.2	2.797
1278	6/5/2008 23:31	12.12	50.079	32.72	10.34	8.06	8.9	2.884
1279	6/5/2008 23:46	11.9	50.235	32.82	10.54	8.07	8.7	2.981
1280	6/6/2008 0:01	11.56	50.256	32.82	10.84	8.08	10.7	3.071
1281	6/6/2008 0:16	11.35	50.193	32.76	10.96	8.08	11.2	3.159
1282	6/6/2008 0:31	11.21	50.149	32.72	11.1	8.09	9.9	3.238
1283	6/6/2008 0:46	11.12	51.032	33.36	11.14	8.09	8.4	3.313
1284	6/6/2008 1:01	11.06	50.073	32.66	11.29	8.1	6.5	3.381
1285	6/6/2008 1:16	11.02	49.857	32.5	11.16	8.1	7	3.428
1286	6/6/2008 1:31	11.1	49.965	32.58	10.98	8.1	4.9	3.475
1287	6/6/2008 1:46	11.05	49.919	32.55	10.8	8.08	2.6	3.499
1288	6/6/2008 2:01	11.43	50.069	32.68	10.58	8.07	4.6	3.499
1289	6/6/2008 2:16	11.44	50.118	32.71	10.32	8.07		3.471
1290	6/6/2008 2:31	11.32	49.932	32.57	10.41	8.07	4.5	3.435
1291	6/6/2008 2:46	11.32	49.947	32.58	10.42	8.07	4.7	3.355
1292	6/6/2008 3:01	11.58	49.879	32.55	10.37	8.06	6.9	3.262
1293	6/6/2008 3:16	11.56	49.895	32.56	10.28	8.05	7	3.164
1294	6/6/2008 3:31	12.03	50.866	33.29	9.89	8.05	8.4	3.045
1295	6/6/2008 3:46	12.01	50.867	33.29	9.89	8.05	7.8	2.91
1296	6/6/2008 4:01	12.16	50.108	32.74	9.87	8.04	8.5	2.794
1297	6/6/2008 4:16	12.43	50.199	32.82	9.52	8.03	7.9	2.673
1298	6/6/2008 4:31	12.8	49.991	32.68	9.19	8.01	8.2	2.532
1299	6/6/2008 4:46	13.04	50.876	33.34	8.94	8	7.9	2.37
1300	6/6/2008 5:01	13.21	49.989	32.7	8.78	7.99	7.7	2.246
1301	6/6/2008 5:16	13.04	50.059	32.74	8.93	7.99	11.2	2.097
1302	6/6/2008 5:31	12.97	50.164	32.82	8.96	7.99	10.3	1.934
1303	6/6/2008 5:46	13.07	50.169	32.83	8.84	7.99	9.4	1.761
1304	6/6/2008 6:01	13.38	50.106	32.79	8.64	7.98	10.9	1.595

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1305	6/6/2008 6:16	13.49	50.397	33.01	8.52	7.97	11.6	1.434
1306	6/6/2008 6:31	13.6	50.278	32.93	8.46	7.96	10.5	1.256
1307	6/6/2008 6:46	13.85	50.102	32.8	8.34	7.96	9.5	1.065
1308	6/6/2008 7:01	13.86	50.022	32.75	8.29	7.96	7.3	0.908
1309	6/6/2008 7:16	13.94	51.257	33.65	8.17	7.95	9	0.719
1310	6/6/2008 7:31	14.03	51.287	33.68	8.07	7.95	6.7	0.563
1311	6/6/2008 7:46	14.16	50.207	32.89	7.86	7.94	5.7	0.42
1312	6/6/2008 8:01	14.24	51.187	33.61	7.37	7.9	4.5	0.309
1313	6/6/2008 8:16	14.11	51.302	33.69	7.85	7.93	12.4	0.279
1314	6/6/2008 8:31	14.26	49.828	32.62	7.98	7.93	6.8	0.276
1315	6/6/2008 8:46	14.89	49.802	32.62	7.64	7.92	8.4	0.335
1316	6/6/2008 9:01	15.08	49.7	32.55	7.61	7.91	8.9	0.409
1317	6/6/2008 9:16	14.95	49.74	32.57	7.68	7.91	8.1	0.501
1318	6/6/2008 9:31	15.07	49.971	32.74	7.62	7.9	8.9	0.583
1319	6/6/2008 9:46	15.14	50.151	32.88	7.52	7.9	11.5	0.644
1320	6/6/2008 10:01	15.15	50.14	32.87	7.52	7.9	12.3	0.701
1321	6/6/2008 10:16	15.15	49.861	32.66	7.59	7.9	11.6	0.776
1322	6/6/2008 10:31	15.18	49.868	32.67	7.62	7.9	12	0.841
1323	6/6/2008 10:46	15.18	49.917	32.71	7.62	7.89	12.9	0.917
1324	6/6/2008 11:01	15.11	49.526	32.42	7.64	7.89	12.3	1.013
1325	6/6/2008 11:16	14.75	49.705	32.54	7.65	7.89	12.9	1.133
1326	6/6/2008 11:31	14.69	49.582	32.45	7.75	7.9	13.8	1.234
1327	6/6/2008 11:46	14.56	49.641	32.49	7.81	7.91	12.3	1.347
1328	6/6/2008 12:01	14.51	49.555	32.42	7.87	7.91	12.3	1.469
1329	6/6/2008 12:16	14.36	49.938	32.7	8	7.93	13.1	1.599
1330	6/6/2008 12:31	14.33	50.351	33	8.08	7.94	12.6	1.723
1331	6/6/2008 12:46	14.3	49.74	32.55	8.09	7.94	12.6	1.837
1332	6/6/2008 13:01	14.31	50.955	33.44	8.09	7.94	11.6	1.951
1333	6/6/2008 13:16	14.22	51.121	33.56	8.21	7.95	11.9	2.061
1334	6/6/2008 13:31	14.21	50.27	32.94	8.37	7.95	11	2.157
1335	6/6/2008 13:46	13.98	49.997	32.73	8.48	7.96	13.6	2.253
1336	6/6/2008 14:01	13.81	49.869	32.63	8.74	7.97	13.9	2.342
1337	6/6/2008 14:16	13.39	49.992	32.71	9.09	7.99	13.6	2.428
1338	6/6/2008 14:31	13.01	50.681	33.2	9.39	8.01	13.5	2.505
1339	6/6/2008 14:46	12.82	51.082	33.48	9.54	8.02	13.9	2.576
1340	6/6/2008 15:01	12.76	50.742	33.23	9.65	8.02	12.7	2.644
1341	6/6/2008 15:16	12.68	50.358	32.95	9.72	8.03	12.4	2.707
1342	6/6/2008 15:31	12.66	49.839	32.57	9.78	8.03	9.8	2.754
1343	6/6/2008 15:46	12.63	50.098	32.76	9.73	8.04	7.3	2.794
	Mean	13.51	50.79	33.29	8.46	7.87	7.92	2.09
	Minimum	10.60	49.27	32.19	6.29	7.68	1.50	0.17
	Maximum	16.03	51.96	34.03	13.25	8.21	54.50	3.67
	Standard Dev.	1.26	0.47	0.34	1.22	0.11	3.66	0.70

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
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					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	6/6/2008 16:16	12.59	51.069	33.46	9.21		9.3	2.778
1	6/6/2008 16:31	12.61	51.075	33.47	9.23		4.2	2.74
2	6/6/2008 16:46	12.83	51.066	33.47	9.27		6.7	2.689
3	6/6/2008 17:01	13.16	51.014	33.45	9.44		9.8	2.632
4	6/6/2008 17:16	13.37	51.029	33.47	9.6		10.3	2.559
5	6/6/2008 17:31	13.29	51.084	33.5	9.56		11	2.482
6	6/6/2008 17:46	13.26	51.082	33.5	9.62		10.8	2.401
7	6/6/2008 18:01	13.41	50.968	33.42	9.6		9.5	2.331
8	6/6/2008 18:16	13.76	50.996	33.45	9.36		10.3	2.242
9	6/6/2008 18:31	13.69	51.052	33.49	9.6		8.9	2.171
10	6/6/2008 18:46	13.92	51.219	33.62	9.32		9.6	2.112
11	6/6/2008 19:01	14.25	51.092	33.54	9.18		9.6	2.024
12	6/6/2008 19:16	14.15	51.197	33.62	9.17		7.9	1.966
13	6/6/2008 19:31	14.42	51.099	33.55	9.07		9.3	1.897
14	6/6/2008 19:46	14.41	51.119	33.57	8.98		8.9	1.832
15	6/6/2008 20:01	14.51	51.135	33.58	8.83		8.5	1.795
16	6/6/2008 20:16	14.69	51.039	33.52	8.69		8	1.775
17	6/6/2008 20:31	14.79	51.111	33.57	8.29		6.4	1.763
18	6/6/2008 20:46	15.11	51.153	33.61	8.47		8.1	1.758
19	6/6/2008 21:01	15.37	51.17	33.63	8.1		7.6	1.778
20	6/6/2008 21:16	15.65	51.143	33.61	8.33		9	1.799
21	6/6/2008 21:31	15.43	51.124	33.6	8.39		8.3	1.813
22	6/6/2008 21:46	15.58	51.12	33.6	8.3		9.9	1.891
23	6/6/2008 22:01	15.39	51.132	33.6	8.32		9.6	1.949
24	6/6/2008 22:16	15.42	51.101	33.58	8.29		9.5	2.021
25	6/6/2008 22:31	15.29	51.115	33.59	8.29		10.6	2.098
26	6/6/2008 22:46	14.95	51.12	33.58	8.39		9.8	2.168
27	6/6/2008 23:01	14.79	51.127	33.58	8.45		9	2.28
28	6/6/2008 23:16	14.25	51.133	33.57	8.59		10.7	2.333
29	6/6/2008 23:31	13.58	51.126	33.54	8.8		8.4	2.406
30	6/6/2008 23:46	13.36	51.154	33.56	8.88		7.9	2.481
31	6/7/2008 0:01	13.05	51.161	33.55	8.94		7.9	2.582
32	6/7/2008 0:16	12.94	51.157	33.54	8.94		8.2	2.669
33	6/7/2008 0:31	12.73	51.172	33.54	8.99		9.3	2.748
34	6/7/2008 0:46	12.56	51.175	33.54	9.03		10.3	2.817
35	6/7/2008 1:01	12.36	51.202	33.55	9.12		9.8	2.906
36	6/7/2008 1:16	12.06	51.194	33.53	9.33		13.9	2.97
37	6/7/2008 1:31	11.7	51.217	33.53	9.49		12.8	3.05
38	6/7/2008 1:46	11.53	51.194	33.5	9.64		13.5	3.103
39	6/7/2008 2:01	11.4	51.204	33.5	9.74		8.7	3.176
40	6/7/2008 2:16	11.41	51.198	33.5	9.68		5.9	3.211
41	6/7/2008 2:31	11.43	51.253	33.54	9.52		4.2	3.234
42	6/7/2008 2:46	12.17	51.158	33.51	8.85		11.8	3.247
43	6/7/2008 3:01	12.16	51.2	33.54	8.47		5.1	3.247
44	6/7/2008 3:16	11.8	51.286	33.58	8.81		5.1	3.21

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	6/7/2008 3:31	11.63	51.223	33.53	9.02		7	3.152
46	6/7/2008 3:46	11.41	51.186	33.49	9.31		6.5	3.094
47	6/7/2008 4:01	11.56	51.214	33.52	9.09		6.8	3.014
48	6/7/2008 4:16	11.58	51.199	33.51	9.02		7	2.904
49	6/7/2008 4:31	11.66	51.131	33.46	8.96		5.7	2.805
50	6/7/2008 4:46	11.93	51.083	33.44	8.87		5.6	2.691
51	6/7/2008 5:01	12.49	51.175	33.54	8.5		6	2.562
52	6/7/2008 5:16	13.06	51.192	33.57	8.13		7.8	2.466
53	6/7/2008 5:31	13.4	51.244	33.62	7.84		9.2	2.353
54	6/7/2008 5:46	13.66	51.249	33.64	7.63		8.1	2.197
55	6/7/2008 6:01	13.57	51.189	33.59	7.87		9.6	2.067
56	6/7/2008 6:16	13.16	51.244	33.61	8.08		8.4	1.943
57	6/7/2008 6:31	12.68	51.2	33.56	8.28		6.3	1.787
58	6/7/2008 6:46	13.3	51.188	33.58	8.11		8.4	1.643
59	6/7/2008 7:01	13.51	51.213	33.6	8.05		9.6	1.48
60	6/7/2008 7:16	13.64	51.237	33.63	8.02		9.3	1.332
61	6/7/2008 7:31	13.85	51.214	33.62	8.04		9	1.163
62	6/7/2008 7:46	14.04	51.216	33.63	7.88		8.2	1.006
63	6/7/2008 8:01	14.17	51.233	33.64	7.76		8.9	0.846
64	6/7/2008 8:16	14.32	51.231	33.65	7.61		7.8	0.707
65	6/7/2008 8:31	14.44	51.239	33.66	7.55		7.9	0.567
66	6/7/2008 8:46	14.45	51.229	33.65	7.46		7.1	0.451
67	6/7/2008 9:01	14.38	51.278	33.68	7.19		7.4	0.385
68	6/7/2008 9:16	14.47	51.244	33.66	7.61		9.1	0.347
69	6/7/2008 9:31	14.48	51.226	33.65	7.59		8.1	0.389
70	6/7/2008 9:46	14.47	51.231	33.65	7.56		11.2	0.429
71	6/7/2008 10:01	14.59	51.237	33.66	7.4		9.9	0.488
72	6/7/2008 10:16	14.64	51.246	33.67	7.35		11.9	0.605
73	6/7/2008 10:31	14.55	51.242	33.66	7.43		11.4	0.675
74	6/7/2008 10:46	14.58	51.251	33.67	7.29		8	0.712
75	6/7/2008 11:01	14.66	51.245	33.67	7.2		8.5	0.795
76	6/7/2008 11:16	14.65	51.244	33.66	7.3		8	0.86
77	6/7/2008 11:31	14.65	51.241	33.66	7.34		8.2	0.92
78	6/7/2008 11:46	14.68	51.254	33.67	7.34		9.1	1.016
79	6/7/2008 12:01	14.8	51.178	33.62	7.35		10.2	1.11
80	6/7/2008 12:16	14.74	51.162	33.61	7.4		9.7	1.203
81	6/7/2008 12:31	14.63	51.191	33.63	7.48		9.8	1.333
82	6/7/2008 12:46	14.63	51.199	33.63	7.5		10.3	1.431
83	6/7/2008 13:01	14.56	51.181	33.62	7.6		9.6	1.556
84	6/7/2008 13:16	14.39	51.178	33.61	7.59		14.5	1.681
85	6/7/2008 13:31	14.29	51.189	33.61	7.62		10.3	1.79
86	6/7/2008 13:46	14.23	51.196	33.62	7.61		9.5	1.898
87	6/7/2008 14:01	14.21	51.175	33.6	7.68		8.8	2.006
88	6/7/2008 14:16	14.13	51.139	33.57	7.77		9.3	2.102
89	6/7/2008 14:31	14.07	51.154	33.58	7.84		10.1	2.191

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	6/7/2008 14:46	14.03	51.112	33.55	7.93		8.9	2.276
91	6/7/2008 15:01	13.81	51.049	33.5	8.05		10.9	2.352
92	6/7/2008 15:16	13.45	51.041	33.48	8.3		10.9	2.433
93	6/7/2008 15:31	13.15	51.084	33.5	8.57		9.2	2.495
94	6/7/2008 15:46	12.99	51.078	33.49	8.67		8.6	2.558
95	6/7/2008 16:01	12.89	51.113	33.51	8.78		6.7	2.62
96	6/7/2008 16:16	12.89	51.097	33.5	8.77		7.9	2.662
97	6/7/2008 16:31	12.88	51.127	33.52	8.67		3.9	2.692
98	6/7/2008 16:46	13.06	50.957	33.4	7.96		2.9	2.717
99	6/7/2008 17:01	12.88	51.137	33.52	8.5		4	2.719
100	6/7/2008 17:16	12.91	51.116	33.51	8.23		3.5	2.702
101	6/7/2008 17:31	13.13	51.012	33.44	8.32		5.8	2.652
102	6/7/2008 17:46	13.29	51.117	33.53	8.53		10.5	2.621
103	6/7/2008 18:01	13.24	51.153	33.55	8.8		11.8	2.55
104	6/7/2008 18:16	13.17	51.11	33.52	8.94		11.5	2.469
105	6/7/2008 18:31	13.17	51.14	33.54	8.87		11.4	2.399
106	6/7/2008 18:46	13.12	51.148	33.54	8.92		8.9	2.311
107	6/7/2008 19:01	13.47	51.093	33.52	8.79		11.3	2.244
108	6/7/2008 19:16	13.92	51.12	33.55	8.52		12.5	2.158
109	6/7/2008 19:31	14.16	50.984	33.46	8.53		12	2.077
110	6/7/2008 19:46	14.36	51.148	33.59	8.3		14.3	2.026
111	6/7/2008 20:01	14.29	51.135	33.57	8.27		9.4	1.944
112	6/7/2008 20:16	14.35	51.204	33.63	8.2		12.3	1.883
113	6/7/2008 20:31	14.22	51.2	33.62	8.18		12.9	1.825
114	6/7/2008 20:46	14.28	51.191	33.61	8.15		11.2	1.764
115	6/7/2008 21:01	14.37	51.124	33.57	8.02		8.9	1.722
116	6/7/2008 21:16	14.42	51.163	33.6	7.7		7.6	1.68
117	6/7/2008 21:31	14.61	51.189	33.62	7.7		8.7	1.673
118	6/7/2008 21:46	14.82	51.17	33.61	7.43		11	1.652
119	6/7/2008 22:01	14.86	51.209	33.64	7.6		8.1	1.674
120	6/7/2008 22:16	15.2	51.236	33.67	7.68		9.5	1.691
121	6/7/2008 22:31	15.31	51.224	33.67	7.64		10.5	1.736
122	6/7/2008 22:46	15.36	51.212	33.66	7.59		11.2	1.788
123	6/7/2008 23:01	15.28	51.209	33.65	7.59		11	1.846
124	6/7/2008 23:16	15.45	51.133	33.6	7.75		10.9	1.91
125	6/7/2008 23:31	15.36	51.163	33.62	7.75		11.5	1.984
126	6/7/2008 23:46	15.03	51.162	33.61	7.81		11.1	2.052
127	6/8/2008 0:01	14.85	51.15	33.6	7.84		9.2	2.115
128	6/8/2008 0:16	14.7	51.141	33.59	7.89		9	2.186
129	6/8/2008 0:31	14.06	51.095	33.54	8.12		8.4	2.261
130	6/8/2008 0:46	13.56	51.136	33.55	8.27		7.6	2.322
131	6/8/2008 1:01	13.34	51.129	33.54	8.35		6.3	2.397
132	6/8/2008 1:16	13.24	51.135	33.54	8.36		5.6	2.463
133	6/8/2008 1:31	13.17	51.143	33.54	8.36		6.5	2.542
134	6/8/2008 1:46	12.99	51.149	33.54	8.37		6	2.607

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	6/8/2008 2:01	12.82	51.159	33.54	8.36		7	2.684
136	6/8/2008 2:16	12.64	51.17	33.54	8.35		6.2	2.748
137	6/8/2008 2:31	12.38	51.193	33.54	8.35		7.4	2.822
138	6/8/2008 2:46	12.22	51.153	33.51	8.32		6.9	2.884
139	6/8/2008 3:01	11.99	51.229	33.55	8.33		4.5	2.927
140	6/8/2008 3:16	11.91	51.235	33.55	8.27		3.5	2.969
141	6/8/2008 3:31	11.88	51.233	33.55	8.12		2.8	2.994
142	6/8/2008 3:46	12.28	51.24	33.57	7.87		3.8	2.996
143	6/8/2008 4:01	12.29	51.139	33.5	7.53		2.7	2.99
144	6/8/2008 4:16	12.27	51.166	33.52	7.72		3.1	2.949
145	6/8/2008 4:31	12.5	51.199	33.55	7.91		3.9	2.897
146	6/8/2008 4:46	12.8	51.138	33.52	7.74		5.3	2.834
147	6/8/2008 5:01	13.5	51.176	33.58	7.21		6.3	2.741
148	6/8/2008 5:16	13.11	51.179	33.56	7.58		6.7	2.641
149	6/8/2008 5:31	13.07	51.198	33.58	7.52		6.1	2.551
150	6/8/2008 5:46	13.09	51.157	33.55	7.69		6	2.434
151	6/8/2008 6:01	13.47	51.175	33.58	7.48		6.5	2.329
152	6/8/2008 6:16	13.92	51.174	33.59	7.17		6.8	2.228
153	6/8/2008 6:31	14.1	51.218	33.63	6.93		6.8	2.113
154	6/8/2008 6:46	14.15	51.233	33.64	7		9.2	1.995
155	6/8/2008 7:01	13.98	51.258	33.65	7.05		8.9	1.863
156	6/8/2008 7:16	14.05	51.263	33.66	7.28		13.4	1.732
157	6/8/2008 7:31	13.97	51.291	33.68	7.23		10.6	1.613
158	6/8/2008 7:46	14.02	51.266	33.66	7.35		10.1	1.474
159	6/8/2008 8:01	14.18	51.231	33.64	7.35		9.7	1.327
160	6/8/2008 8:16	14.1	51.239	33.64	7.37		8	1.19
161	6/8/2008 8:31	14.16	51.255	33.66	7.32		7.1	1.084
162	6/8/2008 8:46	14.3	51.248	33.66	7.29		8.1	0.924
163	6/8/2008 9:01	14.35	51.233	33.65	7.25		7.1	0.802
164	6/8/2008 9:16	14.44	51.254	33.67	7.15		6.9	0.713
165	6/8/2008 9:31	14.55	51.264	33.68	7.02		7.1	0.609
166	6/8/2008 9:46	14.56	51.275	33.68	6.78		5.9	0.546
167	6/8/2008 10:01	14.47	51.26	33.67	7.17		6.9	0.507
168	6/8/2008 10:16	14.7	51.273	33.69	7.13		8.3	0.52
169	6/8/2008 10:31	14.87	51.266	33.69	7.04		7.9	0.566
170	6/8/2008 10:46	14.71	51.276	33.69	7.09		9.2	0.615
171	6/8/2008 11:01	14.88	51.285	33.7	6.98		9.7	0.69
172	6/8/2008 11:16	14.98	51.332	33.74	6.86		10.6	0.763
173	6/8/2008 11:31	15.02	51.317	33.73	6.81		11.8	0.825
174	6/8/2008 11:46	14.98	51.331	33.74	6.8		11.5	0.884
175	6/8/2008 12:01	15.19	51.244	33.68	6.8		10.8	0.958
176	6/8/2008 12:16	15.15	51.267	33.69	6.71		12.5	1.025
177	6/8/2008 12:31	15.04	51.255	33.68	6.76		10.1	1.109
178	6/8/2008 12:46	15.06	51.209	33.65	6.81		9.6	1.202
179	6/8/2008 13:01	14.89	51.239	33.67	6.84		10.3	1.281

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	6/8/2008 13:16	14.81	51.262	33.68	6.87		10.2	1.395
181	6/8/2008 13:31	14.84	51.283	33.7	6.8		11.1	1.498
182	6/8/2008 13:46	14.58	51.256	33.67	7.04		11.2	1.604
183	6/8/2008 14:01	14.49	51.243	33.66	7.19		9.8	1.711
184	6/8/2008 14:16	14.49	51.24	33.66	7.24		9.1	1.819
185	6/8/2008 14:31	14.45	51.234	33.65	7.29		9.8	1.923
186	6/8/2008 14:46	14.45	51.222	33.64	7.32		9.8	2.017
187	6/8/2008 15:01	14.48	51.214	33.64	7.4		8.9	2.111
188	6/8/2008 15:16	14.47	51.181	33.61	7.46		9	2.201
189	6/8/2008 15:31	14.19	51.106	33.55	7.55		9.6	2.275
190	6/8/2008 15:46	14	51.088	33.53	7.65		10.1	2.359
191	6/8/2008 16:01	13.65	51.115	33.54	7.74		9.2	2.429
192	6/8/2008 16:16	13.31	51.145	33.55	7.84		7.3	2.496
193	6/8/2008 16:31	13.01	51.175	33.56	7.91		7.2	2.555
194	6/8/2008 16:46	12.92	51.196	33.57	7.95		5.1	2.62
195	6/8/2008 17:01	12.84	51.196	33.57	7.93		7.1	2.666
196	6/8/2008 17:16	12.81	51.21	33.57	7.9		2.9	2.704
197	6/8/2008 17:31	12.81	51.175	33.55	7.8		2.9	2.732
198	6/8/2008 17:46	13.48	51.283	33.65	7.92		3.1	2.739
199	6/8/2008 18:01	12.92	51.199	33.57	7.38		2.8	2.733
200	6/8/2008 18:16	12.84	51.262	33.61	7.58		3.2	2.694
201	6/8/2008 18:31	13.19	51.047	33.47	7.74		3	2.654
202	6/8/2008 18:46	13.5	51.396	33.74	8.16		4.5	2.587
203	6/8/2008 19:01	13.91	51.094	33.53	8.15		7.9	2.52
204	6/8/2008 19:16	13.96	51.151	33.58	8.15		5.8	2.441
205	6/8/2008 19:31	13.97	51.125	33.56	8.24		6.3	2.35
206	6/8/2008 19:46	13.91	51.119	33.55	8.27		5.9	2.284
207	6/8/2008 20:01	14.19	51.152	33.58	8.32		6.2	2.204
208	6/8/2008 20:16	14.09	51.366	33.74	8.47		6.7	2.114
209	6/8/2008 20:31	14.55	51.2	33.63	8.37		7.2	2.056
210	6/8/2008 20:46	14.67	51.15	33.6	8.16		6.3	1.985
211	6/8/2008 21:01	14.71	51.155	33.6	8.02		6.9	1.918
212	6/8/2008 21:16	14.48	51.221	33.64	8.02		7.6	1.852
213	6/8/2008 21:31	14.38	51.242	33.65	7.75		5.7	1.782
214	6/8/2008 21:46	14.63	51.217	33.64	7.73		6.2	1.743
215	6/8/2008 22:01	14.76	51.237	33.66	7.54		5.2	1.697
216	6/8/2008 22:16	15.22	51.241	33.68	7.54		6.7	1.659
217	6/8/2008 22:31	15.29	51.274	33.7	7.49		5.9	1.637
218	6/8/2008 22:46	15.52	51.25	33.69	7.26		5.9	1.629
219	6/8/2008 23:01	15.79	51.227	33.68	7.02		5.9	1.634
220	6/8/2008 23:16	15.89	51.311	33.74	7.66		7.6	1.642
221	6/8/2008 23:31	15.71	51.303	33.73	7.75		7.1	1.668
222	6/8/2008 23:46	15.59	51.276	33.71	7.69		6.9	1.712
223	6/9/2008 0:01	15.53	51.265	33.7	7.67		6.5	1.768
224	6/9/2008 0:16	15.41	51.256	33.69	7.6		7.2	1.829

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	6/9/2008 0:31	15.67	51.183	33.64	7.57		7.9	1.878
226	6/9/2008 0:46	15.67	51.163	33.63	7.53		7.4	1.948
227	6/9/2008 1:01	15.26	51.186	33.64	7.59		6.7	2.017
228	6/9/2008 1:16	15.01	51.188	33.63	7.62		6.1	2.071
229	6/9/2008 1:31	14.88	51.171	33.62	7.63		5.3	2.138
230	6/9/2008 1:46	14.59	51.181	33.62	7.6		4.9	2.202
231	6/9/2008 2:01	13.96	51.201	33.61	7.58		4.6	2.256
232	6/9/2008 2:16	13.82	51.173	33.59	7.57		3.9	2.323
233	6/9/2008 2:31	13.63	51.199	33.6	7.63		3.6	2.377
234	6/9/2008 2:46	13.52	51.197	33.59	7.62		3.4	2.438
235	6/9/2008 3:01	13.47	51.205	33.6	7.62		3.4	2.498
236	6/9/2008 3:16	13.34	51.228	33.61	7.6		3.4	2.554
237	6/9/2008 3:31	13.09	51.249	33.62	7.54		3.2	2.613
238	6/9/2008 3:46	12.86	51.241	33.6	7.47		2.8	2.667
239	6/9/2008 4:01	12.66	51.264	33.61	7.36		2.9	2.699
240	6/9/2008 4:16	12.6	51.249	33.59	7.23		2.4	2.742
241	6/9/2008 4:31	12.41	51.277	33.61	7.19		2.1	2.769
242	6/9/2008 4:46	13.19	51.01	33.44	6.8		3.5	2.772
243	6/9/2008 5:01	13.18	51.188	33.57	6.61		3.5	2.757
244	6/9/2008 5:16	12.38	51.376	33.68	6.93		2.6	2.737
245	6/9/2008 5:31	12.53	51.333	33.65	6.88		2.5	2.7
246	6/9/2008 5:46	12.92	51.273	33.63	6.91		3.7	2.639
247	6/9/2008 6:01	13.31	51.226	33.61	6.82		4.3	2.558
248	6/9/2008 6:16	13.54	51.227	33.62	6.88		5.1	2.468
249	6/9/2008 6:31	13.53	51.233	33.62	6.89		4.6	2.388
250	6/9/2008 6:46	13.67	51.205	33.61	6.84		3.9	2.305
251	6/9/2008 7:01	13.6	51.238	33.63	6.96		4.3	2.179
252	6/9/2008 7:16	13.84	51.223	33.62	7.01		4.5	2.092
253	6/9/2008 7:31	13.8	51.388	33.74	7.08		3.8	2
254	6/9/2008 7:46	14.24	51.241	33.65	7.17		6.7	1.87
255	6/9/2008 8:01	14.29	51.241	33.65	7.36		5.8	1.777
256	6/9/2008 8:16	14.43	51.291	33.69	7.36		5.9	1.656
257	6/9/2008 8:31	14.6	51.25	33.67	7.44		6.8	1.525
258	6/9/2008 8:46	14.68	51.249	33.67	7.7		6.5	1.427
259	6/9/2008 9:01	14.7	51.222	33.65	7.85		6	1.309
260	6/9/2008 9:16	14.91	51.243	33.67	7.91		6.1	1.197
261	6/9/2008 9:31	15	51.212	33.65	7.5		5.9	1.096
262	6/9/2008 9:46	15.07	51.26	33.69	7.33		5.7	1.011
263	6/9/2008 10:01	15.24	51.255	33.69	7.36		5.8	0.935
264	6/9/2008 10:16	15.28	51.294	33.72	7.08		5.4	0.86
265	6/9/2008 10:31	15.35	51.265	33.7	6.8		4.7	0.808
266	6/9/2008 10:46	15.48	51.262	33.7	6.53		4.5	0.788
267	6/9/2008 11:01	15.38	51.304	33.73	7.76		6.2	0.807
268	6/9/2008 11:16	15.53	51.244	33.69	7.45		5.9	0.784
269	6/9/2008 11:31	15.59	51.289	33.72	7.27		5.9	0.812

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	6/9/2008 11:46	15.63	51.231	33.68	7.24		6.2	0.896
271	6/9/2008 12:01	15.68	51.308	33.74	7.21		6.4	0.905
272	6/9/2008 12:16	15.88	51.326	33.75	7.09		6.5	0.966
273	6/9/2008 12:31	15.87	51.353	33.77	7.06		7.6	1.054
274	6/9/2008 12:46	16.23	51.231	33.69	7.09		8	1.116
275	6/9/2008 13:01	16.03	51.234	33.69	6.95		8.7	1.186
276	6/9/2008 13:16	15.91	51.2	33.66	6.98		8.9	1.266
277	6/9/2008 13:31	15.72	51.216	33.67	7.03		8.4	1.347
278	6/9/2008 13:46	15.59	51.247	33.69	7.07		8.6	1.438
279	6/9/2008 14:01	15.42	51.242	33.68	7.03		8.4	1.527
280	6/9/2008 14:16	15.31	51.241	33.68	6.96		8.4	1.619
281	6/9/2008 14:31	15.04	51.221	33.66	6.97		8.1	1.727
282	6/9/2008 14:46	14.9	51.212	33.65	7.06		7.9	1.823
283	6/9/2008 15:01	14.76	51.221	33.65	7.11		6.3	1.914
284	6/9/2008 15:16	14.68	51.212	33.64	7.13		5.8	2.014
285	6/9/2008 15:31	14.65	51.202	33.63	7.15		6	2.094
286	6/9/2008 15:46	14.61	51.199	33.63	7.18		6.2	2.181
287	6/9/2008 16:01	14.57	51.158	33.6	7.26		6	2.26
288	6/9/2008 16:16	14.32	51.099	33.55	7.27		6.5	2.329
289	6/9/2008 16:31	14	51.101	33.54	7.28		8	2.414
290	6/9/2008 16:46	13.75	51.121	33.55	7.27		7	2.481
291	6/9/2008 17:01	13.31	51.18	33.57	7.2		6.3	2.548
292	6/9/2008 17:16	12.76	51.227	33.58	7.13		4.7	2.617
293	6/9/2008 17:31	12.45	51.266	33.6	7.07		3.6	2.677
294	6/9/2008 17:46	12.36	51.276	33.6	7.03		2.7	2.723
295	6/9/2008 18:01	12.39	51.228	33.57	6.91		2.3	2.771
296	6/9/2008 18:16	12.32	51.31	33.63	6.95		1.8	2.8
297	6/9/2008 18:31	12.58	51.138	33.51	6.46		2	2.807
298	6/9/2008 18:46	12.58	51.226	33.58	6.59		1.8	2.804
299	6/9/2008 19:01	12.42	51.333	33.65	6.51		1.7	2.777
300	6/9/2008 19:16	12.67	51.062	33.46	6.66		2.2	2.74
301	6/9/2008 19:31	12.91	51.178	33.56	6.89		2.7	2.676
302	6/9/2008 19:46	13.55	51.237	33.62	7.23		5.1	2.597
303	6/9/2008 20:01	13.58	51.076	33.51	7.1		4.5	2.538
304	6/9/2008 20:16	13.88	51.179	33.59	7.14		5.6	2.448
305	6/9/2008 20:31	14.11	51.166	33.59	7.19		5.4	2.359
306	6/9/2008 20:46	14.21	51.136	33.57	7.14		5.3	2.293
307	6/9/2008 21:01	14	51.249	33.65	7.15		5.1	2.209
308	6/9/2008 21:16	14.25	51.187	33.61	7.16		6.4	2.138
309	6/9/2008 21:31	14.12	51.432	33.79	7.21		8.3	2.054
310	6/9/2008 21:46	14.34	51.214	33.63	7.1		9	1.982
311	6/9/2008 22:01	14.21	51.241	33.65	7.11		8.4	1.924
312	6/9/2008 22:16	14.13	51.275	33.67	7.11		9.9	1.847
313	6/9/2008 22:31	14.14	51.252	33.66	7.12		9.4	1.788
314	6/9/2008 22:46	14.4	51.304	33.7	7.15		8	1.713

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	6/9/2008 23:01	14.4	51.24	33.65	7.12		8.8	1.668
316	6/9/2008 23:16	14.76	51.223	33.65	7.07		6.8	1.638
317	6/9/2008 23:31	14.85	51.339	33.74	6.98		6.5	1.559
318	6/9/2008 23:46	14.79	51.277	33.69	6.97		7.2	1.554
319	6/10/2008 0:01	14.97	51.25	33.68	6.55		4.3	1.557
320	6/10/2008 0:16	14.78	51.332	33.73	6.9		6.5	1.548
321	6/10/2008 0:31	15.37	51.107	33.58	6.9		6.2	1.542
322	6/10/2008 0:46	15.72	51.296	33.73	7.2		7.7	1.578
323	6/10/2008 1:01	15.4	51.194	33.65	7.27		6.7	1.638
324	6/10/2008 1:16	15.82	51.312	33.74	7.34		7.6	1.681
325	6/10/2008 1:31	15.66	51.298	33.73	7.25		7.3	1.72
326	6/10/2008 1:46	15.44	51.302	33.73	7.27		7.3	1.796
327	6/10/2008 2:01	15.29	51.254	33.69	7.18		7.3	1.867
328	6/10/2008 2:16	15.46	51.254	33.69	7.16		7.4	1.923
329	6/10/2008 2:31	15.4	51.239	33.68	7.14		7	1.969
330	6/10/2008 2:46	15.31	51.234	33.67	7.12		6.8	2.034
331	6/10/2008 3:01	15.18	51.222	33.66	7.12		6.5	2.102
332	6/10/2008 3:16	15.07	51.209	33.65	7.08		6.3	2.14
333	6/10/2008 3:31	14.91	51.218	33.65	7.08		5.5	2.195
334	6/10/2008 3:46	14.49	51.215	33.64	7.06		4.8	2.243
335	6/10/2008 4:01	14.19	51.2	33.62	7.05		4.1	2.301
336	6/10/2008 4:16	13.92	51.199	33.61	7.02		3.8	2.349
337	6/10/2008 4:31	13.75	51.208	33.61	6.95		3.4	2.383
338	6/10/2008 4:46	13.66	51.202	33.6	6.9		2.9	2.427
339	6/10/2008 5:01	13.59	51.198	33.6	6.93		2.9	2.474
340	6/10/2008 5:16	13.54	51.211	33.6	6.82		2.9	2.494
341	6/10/2008 5:31	13.17	51.445	33.76	7.03		7.9	2.516
342	6/10/2008 5:46	13.32	51.328	33.68	7.15		9.5	2.522
343	6/10/2008 6:01	13.26	51.434	33.76	6.86		11.2	2.523
344	6/10/2008 6:16	13.43	51.313	33.68	6.9		7.6	2.5
345	6/10/2008 6:31	13.29	51.283	33.65	7.11		7.9	2.472
346	6/10/2008 6:46	13.2	51.271	33.64	7.18		7.6	2.424
347	6/10/2008 7:01	13.24	51.26	33.63	7.24		10.4	2.367
348	6/10/2008 7:16	13.27	51.231	33.61	7.28		8.5	2.314
349	6/10/2008 7:31	13.25	51.291	33.65	7.35		9.2	2.235
350	6/10/2008 7:46	13.27	51.259	33.63	7.48		9.3	2.161
351	6/10/2008 8:01	13.33	51.362	33.71	7.54		10.6	2.078
352	6/10/2008 8:16	13.54	51.223	33.61	7.67		13.3	1.991
353	6/10/2008 8:31	13.64	51.222	33.62	7.71		14.2	1.907
354	6/10/2008 8:46	13.72	51.194	33.6	7.98		13.6	1.812
355	6/10/2008 9:01	13.87	51.189	33.6	7.91		13.9	1.733
356	6/10/2008 9:16	14.05	51.245	33.65	7.78		13	1.637
357	6/10/2008 9:31	14.24	51.263	33.67	7.68		11.7	1.545
358	6/10/2008 9:46	14.37	51.269	33.67	7.84		15.9	1.456
359	6/10/2008 10:01	14.62	51.275	33.69	7.46		12.6	1.358

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	6/10/2008 10:16	14.74	51.305	33.71	7.39		13.8	1.318
361	6/10/2008 10:31	14.83	51.319	33.72	7.03		13.6	1.22
362	6/10/2008 10:46	14.9	51.343	33.74	7.15		14.9	1.15
363	6/10/2008 11:01	14.93	51.371	33.77	6.85		12.7	1.127
364	6/10/2008 11:16	14.96	51.393	33.78	6.67		10.1	1.069
365	6/10/2008 11:31	14.99	51.396	33.79	6.9		11.4	1.039
366	6/10/2008 11:46	15.04	51.386	33.78	6.01		9.6	1.042
367	6/10/2008 12:01	15.07	51.411	33.8	6.43		9	1.029
368	6/10/2008 12:16	15.05	51.436	33.82	7.3		11.3	1.039
369	6/10/2008 12:31	15.11	51.42	33.81	7.33		13.2	1.051
370	6/10/2008 12:46	15.15	51.415	33.8	7.44		13.8	1.11
371	6/10/2008 13:01	15.07	51.432	33.81	7.38		13.4	1.143
372	6/10/2008 13:16	15.03	51.411	33.8	7.36		14	1.195
373	6/10/2008 13:31	15.08	51.385	33.78	7.38		12.6	1.248
374	6/10/2008 13:46	15.08	51.398	33.79	7.41		13.2	1.326
375	6/10/2008 14:01	15	51.377	33.77	7.38		12.6	1.401
376	6/10/2008 14:16	15	51.356	33.76	7.37		12.1	1.448
377	6/10/2008 14:31	15.12	51.358	33.76	7.38		12	1.553
378	6/10/2008 14:46	15.14	51.367	33.77	7.41		14.6	1.656
379	6/10/2008 15:01	15.13	51.372	33.77	7.44		14.8	1.733
380	6/10/2008 15:16	15.12	51.35	33.75	7.4		13.7	1.81
381	6/10/2008 15:31	15.11	51.336	33.74	7.39		14.5	1.897
382	6/10/2008 15:46	15.08	51.317	33.73	7.41		14.3	1.983
383	6/10/2008 16:01	14.91	51.293	33.71	7.33		13.8	2.067
384	6/10/2008 16:16	14.69	51.259	33.68	7.24		13.4	2.141
385	6/10/2008 16:31	14.47	51.223	33.64	7.2		10.7	2.218
386	6/10/2008 16:46	14.33	51.211	33.63	7.2		11	2.302
387	6/10/2008 17:01	14.24	51.204	33.62	7.21		10.6	2.375
388	6/10/2008 17:16	14.11	51.193	33.61	7.25		10.3	2.44
389	6/10/2008 17:31	13.97	51.199	33.61	7.24		9.6	2.506
390	6/10/2008 17:46	13.78	51.188	33.6	7.22		7.9	2.568
391	6/10/2008 18:01	13.52	51.166	33.57	7.14		7.1	2.631
392	6/10/2008 18:16	13.3	51.163	33.56	7.13		6.8	2.682
393	6/10/2008 18:31	13.06	51.192	33.57	7.17		4.3	2.723
394	6/10/2008 18:46	12.92	51.183	33.56	7.18		3.6	2.772
395	6/10/2008 19:01	12.87	51.225	33.59	7.14		3	2.795
396	6/10/2008 19:16	13.41	51.077	33.5	6.87		3.2	2.81
397	6/10/2008 19:31	12.86	51.197	33.57	6.97		3.8	2.805
398	6/10/2008 19:46	12.93	51.201	33.57	7.03		3.1	2.78
399	6/10/2008 20:01	13.27	51.205	33.59	7.06		4.9	2.745
400	6/10/2008 20:16	13.26	51.205	33.59	7.13		11.7	2.692
401	6/10/2008 20:31	12.99	51.276	33.63	7.35		13.2	2.62
402	6/10/2008 20:46	12.73	51.272	33.62	7.39		13.3	2.549
403	6/10/2008 21:01	12.72	51.245	33.6	7.37		10.7	2.497
404	6/10/2008 21:16	12.98	50.953	33.39	7.35		9.7	2.398

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	6/10/2008 21:31	13.14	51.334	33.68	7.4		12	2.322
406	6/10/2008 21:46	13.77	51.075	33.51	7.3		11.8	2.24
407	6/10/2008 22:01	13.74	51.308	33.68	7.33		14.3	2.167
408	6/10/2008 22:16	13.98	51.176	33.59	7.28		13.7	2.09
409	6/10/2008 22:31	13.72	51.224	33.62	7.19		10.7	2.013
410	6/10/2008 22:46	13.66	51.295	33.67	7.22		10	1.934
411	6/10/2008 23:01	13.91	51.142	33.57	7.18		10.3	1.852
412	6/10/2008 23:16	13.84	51.283	33.67	7.23		12.6	1.767
413	6/10/2008 23:31	13.83	51.292	33.67	7.24		10.9	1.688
414	6/10/2008 23:46	13.7	51.402	33.75	7.24		10.3	1.615
415	6/11/2008 0:01	13.91	51.405	33.76	7.27		10.4	1.541
416	6/11/2008 0:16	14.21	51.296	33.69	7.24		10.6	1.491
417	6/11/2008 0:31	14.32	51.359	33.74	7.27		10.8	1.441
418	6/11/2008 0:46	14.46	51.381	33.76	7.12		9	1.414
419	6/11/2008 1:01	14.5	51.353	33.74	6.66		4.6	1.381
420	6/11/2008 1:16	14.53	51.392	33.77	7.02		9.9	1.389
421	6/11/2008 1:31	14.53	51.404	33.78	7.35		10.7	1.378
422	6/11/2008 1:46	14.69	51.433	33.8	7.42		11.4	1.417
423	6/11/2008 2:01	14.69	51.416	33.79	7.39		11.4	1.462
424	6/11/2008 2:16	14.63	51.381	33.76	7.36		11.1	1.492
425	6/11/2008 2:31	14.64	51.389	33.77	7.35		11.4	1.549
426	6/11/2008 2:46	14.62	51.388	33.77	7.31		11.4	1.609
427	6/11/2008 3:01	14.57	51.379	33.76	7.28		10.5	1.668
428	6/11/2008 3:16	14.51	51.37	33.75	7.25		9.6	1.723
429	6/11/2008 3:31	14.42	51.365	33.75	7.26		9.4	1.782
430	6/11/2008 3:46	14.37	51.354	33.74	7.26		8.5	1.827
431	6/11/2008 4:01	14.36	51.358	33.74	7.27		9.3	1.893
432	6/11/2008 4:16	14.39	51.358	33.74	7.28		9.2	1.938
433	6/11/2008 4:31	14.38	51.367	33.75	7.27		9	1.989
434	6/11/2008 4:46	14.35	51.37	33.75	7.25		9.3	2.046
435	6/11/2008 5:01	14.32	51.358	33.74	7.19		10.9	2.091
436	6/11/2008 5:16	14.01	51.343	33.72	7.21		10.9	2.147
437	6/11/2008 5:31	13.87	51.298	33.68	7.23		6.9	2.185
438	6/11/2008 5:46	13.77	51.293	33.67	7.21		6.5	2.224
439	6/11/2008 6:01	13.73	51.27	33.65	7.15		6.5	2.27
440	6/11/2008 6:16	13.52	51.27	33.65	7.14		5	2.296
441	6/11/2008 6:31	13.42	51.281	33.65	7.11		4.6	2.313
442	6/11/2008 6:46	13.59	51.223	33.62	6.53		3.4	2.329
443	6/11/2008 7:01	13.81	51.295	33.68	6.61		6.5	2.339
444	6/11/2008 7:16	13.73	51.341	33.71	6.57		4.3	2.354
445	6/11/2008 7:31	13.54	51.412	33.75	6.59		4	2.322
446	6/11/2008 7:46	13.41	51.277	33.65	6.82		4.5	2.309
447	6/11/2008 8:01	13.5	51.295	33.66	6.86		5.4	2.269
448	6/11/2008 8:16	13.63	51.266	33.65	6.96		5.2	2.231
449	6/11/2008 8:31	13.9	51.341	33.71	7.29		7.4	2.166

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Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	6/11/2008 8:46	13.84	51.406	33.76	7.47		8.8	2.097
451	6/11/2008 9:01	13.7	51.39	33.74	7.54		8.6	2.039
452	6/11/2008 9:16	13.85	51.469	33.8	7.65		9.3	1.966
453	6/11/2008 9:31	14.1	51.444	33.79	7.67		9.4	1.889
454	6/11/2008 9:46	14.17	51.449	33.8	8.2		9.2	1.817
455	6/11/2008 10:01	14.2	51.466	33.81	8.45		9.2	1.762
456	6/11/2008 10:16	14.31	51.455	33.81	8.01		11.4	1.667
457	6/11/2008 10:31	14.38	51.465	33.82	7.72		9.4	1.62
458	6/11/2008 10:46	14.44	51.449	33.81	7.4		11	1.546
459	6/11/2008 11:01	14.49	51.473	33.83	7.58		10.7	1.489
460	6/11/2008 11:16	14.52	51.463	33.82	6.94		9.4	1.431
461	6/11/2008 11:31	14.58	51.475	33.83	6.86		11.2	1.364
462	6/11/2008 11:46	14.62	51.505	33.85	6.79		12.9	1.328
463	6/11/2008 12:01	14.63	51.503	33.85	6.59		10	1.298
464	6/11/2008 12:16	14.66	51.51	33.86	6.47		8.4	1.267
465	6/11/2008 12:31	14.73	51.509	33.86	6.53		8.9	1.26
466	6/11/2008 12:46	14.8	51.526	33.88	6.89		10.8	1.254
467	6/11/2008 13:01	14.8	51.56	33.9	7.07		11.5	1.278
468	6/11/2008 13:16	14.83	51.548	33.89	7.03		11.2	1.279
469	6/11/2008 13:31	14.87	51.533	33.88	7.05		11.2	1.307
470	6/11/2008 13:46	14.78	51.52	33.87	7.04		12.8	1.362
471	6/11/2008 14:01	14.83	51.52	33.87	7.08		12.2	1.383
472	6/11/2008 14:16	14.81	51.492	33.85	7.21		11.5	1.435
473	6/11/2008 14:31	14.81	51.499	33.86	7.2		10.5	1.5
474	6/11/2008 14:46	14.78	51.481	33.84	7.2		11	1.555
475	6/11/2008 15:01	14.79	51.48	33.84	7.22		10.3	1.63
476	6/11/2008 15:16	14.91	51.481	33.85	7.23		10.9	1.701
477	6/11/2008 15:31	14.93	51.486	33.85	7.23		10.5	1.772
478	6/11/2008 15:46	14.92	51.426	33.81	7.24		10.9	1.844
479	6/11/2008 16:01	14.9	51.462	33.83	7.21		10.7	1.926
480	6/11/2008 16:16	14.86	51.446	33.82	7.22		10.8	1.991
481	6/11/2008 16:31	14.79	51.425	33.8	7.2		12.4	2.069
482	6/11/2008 16:46	14.61	51.393	33.77	7.21		11.5	2.143
483	6/11/2008 17:01	14.41	51.357	33.74	7.21		10.1	2.217
484	6/11/2008 17:16	14.24	51.328	33.71	7.22		10.8	2.295
485	6/11/2008 17:31	14.08	51.32	33.7	7.2		9.2	2.366
486	6/11/2008 17:46	13.95	51.312	33.69	7.19		8.1	2.441
487	6/11/2008 18:01	13.81	51.303	33.68	7.19		9	2.518
488	6/11/2008 18:16	13.8	51.294	33.68	7.27		9	2.58
489	6/11/2008 18:31	13.57	51.245	33.63	7.33		9.7	2.647
490	6/11/2008 18:46	13.2	51.236	33.61	7.33		8.4	2.705
491	6/11/2008 19:01	12.95	51.233	33.6	7.36		6.8	2.761
492	6/11/2008 19:16	12.64	51.287	33.62	7.46		4.6	2.807
493	6/11/2008 19:31	12.38	51.316	33.63	7.47		4.4	2.853
494	6/11/2008 19:46	12.23	51.326	33.63	7.29		3.7	2.868

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	6/11/2008 20:01	12.33	51.526	33.78	7.23		3.2	2.881
496	6/11/2008 20:16	12.33	51.278	33.6	7.29		4.4	2.863
497	6/11/2008 20:31	12.41	51.265	33.6	7.29		3.9	2.854
498	6/11/2008 20:46	12.85	51.257	33.61	7.36		9.5	2.797
499	6/11/2008 21:01	12.43	51.335	33.65	7.56		11.8	2.744
500	6/11/2008 21:16	12.24	51.365	33.66	7.53		10.6	2.676
501	6/11/2008 21:31	12.24	51.362	33.66	7.52		9.6	2.604
502	6/11/2008 21:46	12.34	51.307	33.62	7.49		9.2	2.522
503	6/11/2008 22:01	13	51.515	33.81	7.31		10.7	2.441
504	6/11/2008 22:16	12.65	51.309	33.64	7.31		9.6	2.358
505	6/11/2008 22:31	13.21	51.546	33.84	7.24		9.9	2.277
506	6/11/2008 22:46	13.46	51.296	33.66	7.22		9.5	2.191
507	6/11/2008 23:01	13.28	51.372	33.71	7.18		7.9	2.11
508	6/11/2008 23:16	13.15	51.215	33.59	7.19		7.9	2.018
509	6/11/2008 23:31	13.15	51.352	33.69	7.14		7	1.921
510	6/11/2008 23:46	13.38	51.428	33.76	7.07		6.5	1.847
511	6/12/2008 0:01	13.76	51.334	33.7	7.12		8.6	1.758
512	6/12/2008 0:16	13.52	51.427	33.76	7.08		7.2	1.67
513	6/12/2008 0:31	13.74	51.427	33.77	7.07		7.6	1.573
514	6/12/2008 0:46	13.96	51.485	33.82	7.07		8.3	1.497
515	6/12/2008 1:01	14.1	51.451	33.8	7.03		8.1	1.437
516	6/12/2008 1:16	14.24	51.467	33.82	6.96		7.9	1.361
517	6/12/2008 1:31	14.28	51.507	33.85	6.93		7.6	1.313
518	6/12/2008 1:46	14.61	51.496	33.85	6.88		7.6	1.278
519	6/12/2008 2:01	14.67	51.529	33.87	6.57		5.9	1.254
520	6/12/2008 2:16	14.79	51.492	33.85	6.54		5.6	1.243
521	6/12/2008 2:31	14.63	51.555	33.89	7.01		9	1.246
522	6/12/2008 2:46	14.81	51.62	33.94	7.16		10.3	1.268
523	6/12/2008 3:01	14.77	51.571	33.91	7.19		9.2	1.299
524	6/12/2008 3:16	14.9	51.571	33.91	7.18		10	1.341
525	6/12/2008 3:31	14.92	51.6	33.93	7.21		10.1	1.395
526	6/12/2008 3:46	14.84	51.584	33.92	7.18		9.8	1.447
527	6/12/2008 4:01	14.79	51.577	33.91	7.15		10.3	1.505
528	6/12/2008 4:16	14.7	51.541	33.88	7.13		9.7	1.556
529	6/12/2008 4:31	14.62	51.527	33.87	7.11		9.6	1.608
530	6/12/2008 4:46	14.52	51.525	33.87	7.1		8.8	1.667
531	6/12/2008 5:01	14.39	51.503	33.85	7.08		8.9	1.721
532	6/12/2008 5:16	14.33	51.492	33.84	7.11		7.7	1.777
533	6/12/2008 5:31	14.32	51.498	33.84	7.09		8	1.829
534	6/12/2008 5:46	14.31	51.498	33.84	7.08		8.5	1.888
535	6/12/2008 6:01	14.29	51.496	33.84	7.04		7.9	1.933
536	6/12/2008 6:16	14.26	51.475	33.82	7		8.1	1.987
537	6/12/2008 6:31	14.21	51.469	33.82	6.93		8.9	2.038
538	6/12/2008 6:46	14.08	51.451	33.8	6.94		8.1	2.075
539	6/12/2008 7:01	14.01	51.424	33.78	6.97		7.2	2.117

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	6/12/2008 7:16	13.93	51.417	33.77	6.98		6.3	2.151
541	6/12/2008 7:31	13.74	51.421	33.77	7.05		5.6	2.181
542	6/12/2008 7:46	13.59	51.382	33.73	7.05		4.6	2.209
543	6/12/2008 8:01	13.61	51.345	33.71	7		4.3	2.223
544	6/12/2008 8:16	13.57	51.377	33.73	6.9		4.6	2.251
545	6/12/2008 8:31	13.67	51.328	33.7	6.2		3.8	2.25
546	6/12/2008 8:46	13.72	51.397	33.75	6.64		5.4	2.246
547	6/12/2008 9:01	13.7	51.455	33.79	6.74		4.7	2.241
548	6/12/2008 9:16	13.6	51.357	33.71	6.69		4.3	2.222
549	6/12/2008 9:31	13.7	51.314	33.69	6.86		4.8	2.185
550	6/12/2008 9:46	13.84	51.292	33.67	7.02		4.7	2.134
551	6/12/2008 10:01	13.87	51.415	33.77	7.29		5.2	2.098
552	6/12/2008 10:16	13.9	51.394	33.75	7.31		6	2.032
553	6/12/2008 10:31	14.09	51.454	33.8	7.53		6.8	1.972
554	6/12/2008 10:46	14.27	51.404	33.77	7.47		6.5	1.914
555	6/12/2008 11:01	14.4	51.477	33.83	7.44		6.7	1.847
556	6/12/2008 11:16	14.46	51.52	33.86	7.24		6.2	1.793
557	6/12/2008 11:31	14.53	51.517	33.86	7.04		5.6	1.727
558	6/12/2008 11:46	14.62	51.507	33.86	7.03		5.9	1.675
559	6/12/2008 12:01	14.7	51.473	33.83	6.93		5.9	1.625
560	6/12/2008 12:16	14.73	51.5	33.85	6.81		6.7	1.586
561	6/12/2008 12:31	14.77	51.506	33.86	6.68		4.5	1.542
562	6/12/2008 12:46	14.82	51.507	33.86	6.87		6.8	1.513
563	6/12/2008 13:01	14.86	51.517	33.87	6.74		4.3	1.494
564	6/12/2008 13:16	15	51.508	33.87	6.49		10.1	1.474
565	6/12/2008 13:31	15.18	51.356	33.76	6.96		6.1	1.471
566	6/12/2008 13:46	15.14	51.515	33.88	7.09		7.4	1.467
567	6/12/2008 14:01	15.28	51.583	33.93	7.34		8.1	1.479
568	6/12/2008 14:16	15.25	51.55	33.9	7.47		7.2	1.511
569	6/12/2008 14:31	15.31	51.547	33.9	7.49		7.1	1.528
570	6/12/2008 14:46	15.35	51.536	33.9	7.49		7.7	1.567
571	6/12/2008 15:01	15.22	51.523	33.88	7.55		7.7	1.624
572	6/12/2008 15:16	15.2	51.516	33.88	7.49		8.2	1.669
573	6/12/2008 15:31	15.14	51.502	33.87	7.45		7.9	1.717
574	6/12/2008 15:46	15.12	51.5	33.87	7.38		8.1	1.782
575	6/12/2008 16:01	14.96	51.493	33.86	7.34		7.4	1.854
576	6/12/2008 16:16	14.9	51.487	33.85	7.39		7	1.91
577	6/12/2008 16:31	14.86	51.465	33.83	7.38		7.1	1.984
578	6/12/2008 16:46	14.73	51.465	33.83	7.3		6.8	2.043
579	6/12/2008 17:01	14.6	51.451	33.81	7.22		6.8	2.116
580	6/12/2008 17:16	14.2	51.402	33.77	7.24		6.2	2.18
581	6/12/2008 17:31	13.93	51.379	33.74	7.26		5.6	2.256
582	6/12/2008 17:46	13.85	51.383	33.74	7.28		5.6	2.325
583	6/12/2008 18:01	13.88	51.393	33.75	7.3		5.4	2.394
584	6/12/2008 18:16	13.69	51.373	33.73	7.35		6.5	2.469

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	6/12/2008 18:31	13.55	51.387	33.73	7.4		6.7	2.539
586	6/12/2008 18:46	13.18	51.392	33.72	7.45		8.4	2.603
587	6/12/2008 19:01	12.98	51.374	33.7	7.5		7.4	2.67
588	6/12/2008 19:16	12.88	51.383	33.7	7.51		6.6	2.744
589	6/12/2008 19:31	12.58	51.395	33.7	7.54		6.8	2.803
590	6/12/2008 19:46	12.37	51.415	33.71	7.49		4.8	2.845
591	6/12/2008 20:01	12.03	51.457	33.72	7.42		4.1	2.895
592	6/12/2008 20:16	11.77	51.515	33.75	7.38		3.1	2.925
593	6/12/2008 20:31	11.73	51.504	33.74	7.22		2.8	2.941
594	6/12/2008 20:46	12.18	51.458	33.73	7.19		3.4	2.949
595	6/12/2008 21:01	11.89	51.513	33.75	7.05		3.5	2.925
596	6/12/2008 21:16	11.91	51.454	33.71	7.04		3.2	2.899
597	6/12/2008 21:31	12.62	51.349	33.67	7.12		3.9	2.841
598	6/12/2008 21:46	12.95	51.412	33.73	7.23		6.2	2.78
599	6/12/2008 22:01	13.34	51.436	33.76	7.14		4.8	2.706
600	6/12/2008 22:16	13.67	51.435	33.77	7.21		4.8	2.632
601	6/12/2008 22:31	13.96	51.441	33.79	7.4		6.6	2.549
602	6/12/2008 22:46	14.02	51.424	33.78	7.43		5.4	2.469
603	6/12/2008 23:01	14.31	51.452	33.81	7.36		5.1	2.38
604	6/12/2008 23:16	14.34	51.398	33.77	7.31		6.4	2.281
605	6/12/2008 23:31	14.39	51.445	33.8	7.18		6	2.199
606	6/12/2008 23:46	14.15	51.484	33.83	6.99		5.8	2.115
607	6/13/2008 0:01	14.39	51.513	33.85	7.1		5.9	2.021
608	6/13/2008 0:16	14.49	51.498	33.85	7.07		6.2	1.932
609	6/13/2008 0:31	14.57	51.526	33.87	7.1		6.9	1.823
610	6/13/2008 0:46	14.62	51.489	33.84	7.04		7.1	1.728
611	6/13/2008 1:01	14.51	51.482	33.84	6.99		6.8	1.628
612	6/13/2008 1:16	14.45	51.568	33.9	7.08		6.8	1.546
613	6/13/2008 1:31	14.64	51.556	33.89	7.1		6.9	1.439
614	6/13/2008 1:46	14.93	51.553	33.9	7.23		7.2	1.341
615	6/13/2008 2:01	14.99	51.581	33.92	7.18		6.1	1.281
616	6/13/2008 2:16	15.1	51.617	33.95	7.23		6.4	1.212
617	6/13/2008 2:31	15.41	51.565	33.92	7.26		5.6	1.149
618	6/13/2008 2:46	15.41	51.602	33.95	7.28		5.6	1.115
619	6/13/2008 3:01	15.74	51.605	33.96	7.43		4.5	1.107
620	6/13/2008 3:16	15.6	51.76	34.07	7.25		4.7	1.098
621	6/13/2008 3:31	15.83	51.691	34.02	7.64		6.2	1.097
622	6/13/2008 3:46	15.82	51.683	34.01	7.77		6.2	1.151
623	6/13/2008 4:01	15.77	51.67	34	7.7		6.4	1.19
624	6/13/2008 4:16	15.81	51.681	34.01	7.71		6.7	1.225
625	6/13/2008 4:31	15.7	51.664	34	7.65		6.8	1.285
626	6/13/2008 4:46	15.65	51.651	33.99	7.65		7.6	1.354
627	6/13/2008 5:01	15.85	51.629	33.98	7.43		7.8	1.405
628	6/13/2008 5:16	15.91	51.616	33.97	7.3		9	1.463
629	6/13/2008 5:31	15.72	51.627	33.97	7.32		9.5	1.529

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
630	6/13/2008 5:46	15.58	51.61	33.96	7.33		9	1.583
631	6/13/2008 6:01	15.41	51.595	33.94	7.3		8.2	1.657
632	6/13/2008 6:16	15.29	51.588	33.93	7.25		9	1.712
633	6/13/2008 6:31	15.13	51.571	33.92	7.2		9.9	1.762
634	6/13/2008 6:46	14.74	51.512	33.86	7.15		8.6	1.835
635	6/13/2008 7:01	14.56	51.49	33.84	7.09		6.9	1.887
636	6/13/2008 7:16	14.46	51.491	33.84	7.07		6.8	1.942
637	6/13/2008 7:31	14.38	51.479	33.83	7.05		5.8	1.997
638	6/13/2008 7:46	14.26	51.471	33.82	7.06		4.8	2.058
639	6/13/2008 8:01	14.18	51.455	33.81	7.09		4.8	2.105
640	6/13/2008 8:16	14.08	51.451	33.8	7.06		4.5	2.146
641	6/13/2008 8:31	13.99	51.43	33.78	7.1		4.2	2.197
642	6/13/2008 8:46	13.94	51.428	33.78	7.1		4	2.243
643	6/13/2008 9:01	13.9	51.399	33.76	7.06		3.8	2.27
644	6/13/2008 9:16	13.82	51.4	33.75	6.95		3.9	2.301
645	6/13/2008 9:31	13.78	51.397	33.75	6.85		3.8	2.325
646	6/13/2008 9:46	13.73	51.415	33.76	6.79		3.4	2.346
647	6/13/2008 10:01	13.82	51.44	33.78	6.84		4.3	2.333
648	6/13/2008 10:16	13.89	51.407	33.76	6.5		3.4	2.332
649	6/13/2008 10:31	13.75	51.426	33.77	6.67		3.5	2.309
650	6/13/2008 10:46	13.82	51.413	33.76	6.59		3.6	2.272
651	6/13/2008 11:01	13.94	51.471	33.81	7.08		3.7	2.237
652	6/13/2008 11:16	14.39	51.231	33.65	7.28		4.3	2.186
653	6/13/2008 11:31	14.27	51.594	33.91	7.68		4.2	2.125
654	6/13/2008 11:46	14.58	51.517	33.86	7.78		4.6	2.077
655	6/13/2008 12:01	14.76	51.599	33.93	7.85		4.3	2.025
656	6/13/2008 12:16	14.85	51.537	33.89	7.67		3.9	1.965
657	6/13/2008 12:31	15.02	51.512	33.87	7.64		3.9	1.912
658	6/13/2008 12:46	15.12	51.496	33.86	7.42		3.8	1.866
659	6/13/2008 13:01	15.36	51.485	33.86	7.15		3.6	1.815
660	6/13/2008 13:16	15.58	51.521	33.89	7.69		4	1.765
661	6/13/2008 13:31	15.76	51.53	33.9	7.18		3.1	1.738
662	6/13/2008 13:46	15.93	51.497	33.88	7.33		3.7	1.707
663	6/13/2008 14:01	16.04	51.556	33.93	6.84		3.2	1.684
664	6/13/2008 14:16	16.1	51.569	33.94	6.09		1.6	1.667
665	6/13/2008 14:31	15.98	51.595	33.95	8.37		5.7	1.672
666	6/13/2008 14:46	15.94	51.538	33.91	8.33		5.1	1.681
667	6/13/2008 15:01	15.97	51.558	33.93	8.07		5.1	1.698
668	6/13/2008 15:16	16.52	51.509	33.9	8.4		5.2	1.715
669	6/13/2008 15:31	16.05	51.521	33.9	8.26		5	1.754
670	6/13/2008 15:46	15.85	51.541	33.91	8.03		5.1	1.801
671	6/13/2008 16:01	15.84	51.481	33.87	8.03		5.3	1.838
672	6/13/2008 16:16	15.89	51.502	33.88	7.99		5	1.89
673	6/13/2008 16:31	15.95	51.481	33.87	7.92		5.1	1.943
674	6/13/2008 16:46	15.71	51.484	33.87	7.86		4.6	1.994

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	6/13/2008 17:01	15.3	51.446	33.83	7.75		4.8	2.062
676	6/13/2008 17:16	15.13	51.46	33.84	7.69		4.6	2.117
677	6/13/2008 17:31	14.92	51.442	33.82	7.42		4.8	2.178
678	6/13/2008 17:46	14.49	51.435	33.8	7.33		4.7	2.249
679	6/13/2008 18:01	14.26	51.422	33.78	7.31		4.5	2.313
680	6/13/2008 18:16	14.05	51.408	33.77	7.32		4.8	2.384
681	6/13/2008 18:31	13.8	51.412	33.76	7.34		5.3	2.448
682	6/13/2008 18:46	13.64	51.403	33.75	7.37		4.6	2.523
683	6/13/2008 19:01	13.54	51.41	33.75	7.36		4.5	2.598
684	6/13/2008 19:16	13.41	51.419	33.75	7.39		5.9	2.668
685	6/13/2008 19:31	12.96	51.431	33.74	7.42		6.5	2.736
686	6/13/2008 19:46	12.74	51.443	33.74	7.41		5.5	2.805
687	6/13/2008 20:01	12.55	51.455	33.74	7.39		5.4	2.873
688	6/13/2008 20:16	12.32	51.474	33.75	7.31		5.3	2.927
689	6/13/2008 20:31	12.2	51.489	33.75	7.29		4.7	2.966
690	6/13/2008 20:46	12.07	51.504	33.76	7.2		3.9	3.02
691	6/13/2008 21:01	11.93	51.529	33.77	7.07		2.6	3.031
692	6/13/2008 21:16	12.64	51.006	33.42	7.04		3.4	3.046
693	6/13/2008 21:31	12.33	51.522	33.78	6.95		3.5	3.046
694	6/13/2008 21:46	11.86	51.551	33.78	6.95		2.8	3.015
695	6/13/2008 22:01	11.94	51.503	33.75	6.98		3	2.981
696	6/13/2008 22:16	12.91	51.288	33.64	7.04		3.8	2.913
697	6/13/2008 22:31	13.34	51.435	33.76	7.05		3.9	2.847
698	6/13/2008 22:46	13.54	51.429	33.76	7.05		3.5	2.78
699	6/13/2008 23:01	13.65	51.439	33.78	7.25		4.6	2.685
700	6/13/2008 23:16	13.69	51.469	33.8	7.44		5.2	2.601
701	6/13/2008 23:31	13.86	51.462	33.8	7.34		4.9	2.515
702	6/13/2008 23:46	14.07	51.508	33.84	7.36		4	2.42
703	6/14/2008 0:01	14.24	51.462	33.81	7.36		4.6	2.328
704	6/14/2008 0:16	14.56	51.432	33.8	7.33		4.6	2.236
705	6/14/2008 0:31	14.77	51.419	33.8	7.27		4.8	2.138
706	6/14/2008 0:46	15.03	51.536	33.89	7.42		5.6	2.04
707	6/14/2008 1:01	15.57	51.496	33.87	7.46		6.3	1.938
708	6/14/2008 1:16	15.79	51.502	33.88	7.65		6.7	1.829
709	6/14/2008 1:31	15.74	51.539	33.91	7.61		7.3	1.733
710	6/14/2008 1:46	15.82	51.555	33.92	7.66		7.3	1.617
711	6/14/2008 2:01	15.73	51.528	33.9	7.57		6.9	1.52
712	6/14/2008 2:16	15.92	51.601	33.96	7.7		6.5	1.416
713	6/14/2008 2:31	16.04	51.602	33.96	7.73		6.4	1.318
714	6/14/2008 2:46	16.1	51.6	33.96	7.64		6.1	1.22
715	6/14/2008 3:01	16.36	51.679	34.02	7.85		6.2	1.15
716	6/14/2008 3:16	16.53	51.693	34.04	7.88		5.9	1.096
717	6/14/2008 3:31	16.89	51.66	34.02	7.95		5.4	1.051
718	6/14/2008 3:46	17.01	51.678	34.03	7.86		4.5	1.017
719	6/14/2008 4:01	17.17	51.694	34.04	7.05		2.7	1.007

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	6/14/2008 4:16	17.08	51.781	34.11	7.75		3.7	1.005
721	6/14/2008 4:31	17.1	51.731	34.07	8.19		5.2	1.034
722	6/14/2008 4:46	16.95	51.695	34.04	8.1		5.1	1.071
723	6/14/2008 5:01	16.88	51.685	34.03	8.09		5.4	1.115
724	6/14/2008 5:16	16.86	51.683	34.03	8.14		5.4	1.177
725	6/14/2008 5:31	16.84	51.686	34.03	8.15		6.5	1.243
726	6/14/2008 5:46	17.08	51.592	33.97	7.82		7.4	1.311
727	6/14/2008 6:01	17.12	51.583	33.96	7.63		7.7	1.362
728	6/14/2008 6:16	17.14	51.578	33.96	7.55		7.7	1.431
729	6/14/2008 6:31	16.91	51.575	33.95	7.71		8.8	1.497
730	6/14/2008 6:46	16.65	51.581	33.95	7.79		8.2	1.566
731	6/14/2008 7:01	16.5	51.593	33.96	7.77		8.2	1.631
732	6/14/2008 7:16	16.29	51.576	33.94	7.6		9.4	1.686
733	6/14/2008 7:31	15.94	51.545	33.92	7.52		10.4	1.766
734	6/14/2008 7:46	15.7	51.525	33.9	7.4		9.8	1.831
735	6/14/2008 8:01	15.39	51.513	33.88	7.3		8	1.894
736	6/14/2008 8:16	15.28	51.491	33.86	7.25		6.8	1.972
737	6/14/2008 8:31	15.13	51.492	33.86	7.2		6.3	2.032
738	6/14/2008 8:46	14.97	51.459	33.83	7.2		5.4	2.095
739	6/14/2008 9:01	14.82	51.472	33.84	7.18		4.8	2.147
740	6/14/2008 9:16	14.68	51.447	33.81	7.15		4.6	2.203
741	6/14/2008 9:31	14.6	51.434	33.8	7.13		4.3	2.247
742	6/14/2008 9:46	14.55	51.419	33.79	7.06		4.2	2.287
743	6/14/2008 10:01	14.37	51.457	33.81	7.05		3.8	2.326
744	6/14/2008 10:16	14.22	51.446	33.8	7.03		3.5	2.355
745	6/14/2008 10:31	14.17	51.389	33.76	6.87		3.1	2.379
746	6/14/2008 10:46	14.16	51.411	33.77	6.62		2.3	2.398
747	6/14/2008 11:01	14.47	51.379	33.76	6.78		2.5	2.414
748	6/14/2008 11:16	14.19	51.388	33.76	6.64		4.8	2.405
749	6/14/2008 11:31	14	51.482	33.82	6.75		3.4	2.385
750	6/14/2008 11:46	14.04	51.356	33.73	6.66		2.9	2.357
751	6/14/2008 12:01	14.17	51.366	33.74	6.73		3.4	2.32
752	6/14/2008 12:16	14.54	51.378	33.76	7.14		3.3	2.269
753	6/14/2008 12:31	14.86	51.544	33.89	7.99		4.5	2.222
754	6/14/2008 12:46	14.94	51.535	33.89	8.08		4.2	2.174
755	6/14/2008 13:01	15.1	51.596	33.94	8.1		4.3	2.11
756	6/14/2008 13:16	15.48	51.461	33.84	7.95		4.3	2.061
757	6/14/2008 13:31	15.48	51.512	33.88	7.68		4.2	2.011
758	6/14/2008 13:46	15.69	51.486	33.87	7.69		3.7	1.974
759	6/14/2008 14:01	15.74	51.525	33.9	7.4		3.9	1.934
760	6/14/2008 14:16	15.92	51.492	33.88	7.45		4	1.884
761	6/14/2008 14:31	16.2	51.467	33.86	7.68		3.2	1.867
762	6/14/2008 14:46	16.4	51.511	33.9	7.65		3.1	1.835
763	6/14/2008 15:01	16.49	51.537	33.92	7.34		2.3	1.81
764	6/14/2008 15:16	16.72	51.538	33.92	7.48		2.9	1.824

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	6/14/2008 15:31	16.5	51.597	33.96	8.49		4	1.809
766	6/14/2008 15:46	16.35	51.57	33.94	8.09		4.6	1.842
767	6/14/2008 16:01	16.33	51.552	33.93	8.36		4.3	1.845
768	6/14/2008 16:16	16.64	51.455	33.86	8.26		4.5	1.873
769	6/14/2008 16:31	16.39	51.535	33.92	8.12		4.4	1.922
770	6/14/2008 16:46	16.28	51.53	33.91	8.03		4.3	1.962
771	6/14/2008 17:01	16.1	51.475	33.87	7.86		4.5	2.01
772	6/14/2008 17:16	16.09	51.49	33.88	7.9		4.3	2.061
773	6/14/2008 17:31	15.8	51.492	33.87	7.82		4	2.115
774	6/14/2008 17:46	15.59	51.423	33.82	7.81		3.8	2.169
775	6/14/2008 18:01	15.43	51.423	33.82	7.67		4.1	2.228
776	6/14/2008 18:16	15.13	51.432	33.82	7.39		4.3	2.289
777	6/14/2008 18:31	14.76	51.424	33.8	7.33		4	2.36
778	6/14/2008 18:46	14.27	51.417	33.78	7.32		4.3	2.42
779	6/14/2008 19:01	13.78	51.426	33.77	7.33		4	2.483
780	6/14/2008 19:16	13.71	51.432	33.77	7.36		3.5	2.56
781	6/14/2008 19:31	13.55	51.437	33.77	7.42		4	2.62
782	6/14/2008 19:46	13.39	51.443	33.77	7.41		3.2	2.696
783	6/14/2008 20:01	13.24	51.458	33.77	7.44		4.6	2.772
784	6/14/2008 20:16	12.9	51.458	33.76	7.45		4.8	2.826
785	6/14/2008 20:31	12.58	51.476	33.76	7.47		4.6	2.895
786	6/14/2008 20:46	12.32	51.502	33.77	7.49		4.3	2.954
787	6/14/2008 21:01	12.19	51.528	33.78	7.5		3.7	3.004
788	6/14/2008 21:16	12.18	51.481	33.74	7.47		3.5	3.036
789	6/14/2008 21:31	12.05	51.518	33.76	7.42		2.9	3.074
790	6/14/2008 21:46	11.82	51.589	33.81	7.3		2.5	3.107
791	6/14/2008 22:01	12.33	51.58	33.82	7.27		2.9	3.099
792	6/14/2008 22:16	11.95	51.599	33.82	7.32		3.5	3.091
793	6/14/2008 22:31	11.88	51.567	33.79	7.32		2.9	3.063
794	6/14/2008 22:46	12.09	51.507	33.76	7.24		3.1	3.014
795	6/14/2008 23:01	12.84	51.466	33.76	7.1		3.5	2.962
796	6/14/2008 23:16	13.04	51.571	33.85	7.12		3.5	2.874
797	6/14/2008 23:31	13.31	51.454	33.77	7.02		3.4	2.802
798	6/14/2008 23:46	13.67	51.469	33.8	7.42		4	2.712
799	6/15/2008 0:01	13.83	51.48	33.81	7.43		4	2.612
800	6/15/2008 0:16	13.94	51.433	33.78	7.34		3.8	2.526
801	6/15/2008 0:31	14.12	51.396	33.76	7.34		4.3	2.432
802	6/15/2008 0:46	14.48	51.424	33.79	7.14		4	2.322
803	6/15/2008 1:01	14.59	51.486	33.84	7.09		4.2	2.231
804	6/15/2008 1:16	14.78	51.539	33.88	7.28		5	2.129
805	6/15/2008 1:31	15.08	51.539	33.89	7.35		5.7	2.014
806	6/15/2008 1:46	15.17	51.651	33.98	7.34		5.4	1.902
807	6/15/2008 2:01	15.39	51.559	33.91	7.34		7.6	1.781
808	6/15/2008 2:16	15.44	51.506	33.88	7.26		7.1	1.671
809	6/15/2008 2:31	15.45	51.57	33.92	7.23		7	1.556

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	6/15/2008 2:46	15.6	51.627	33.97	7.37		7.3	1.441
811	6/15/2008 3:01	15.81	51.628	33.97	7.44		7	1.323
812	6/15/2008 3:16	16	51.674	34.01	7.46		7	1.217
813	6/15/2008 3:31	16.3	51.587	33.95	7.48		6.7	1.139
814	6/15/2008 3:46	16.46	51.665	34.01	7.55		6.5	1.037
815	6/15/2008 4:01	16.67	51.735	34.07	7.56		6.2	0.975
816	6/15/2008 4:16	16.88	51.768	34.1	7.57		5.5	0.925
817	6/15/2008 4:31	16.94	51.769	34.1	7.5		5.5	0.893
818	6/15/2008 4:46	17.06	51.804	34.12	7.06		2.8	0.9
819	6/15/2008 5:01	16.94	51.764	34.09	7.51		5.2	0.888
820	6/15/2008 5:16	17.12	51.84	34.15	7.92		5.6	0.922
821	6/15/2008 5:31	16.96	51.792	34.11	7.86		5.5	0.974
822	6/15/2008 5:46	17.04	51.768	34.1	7.95		6.1	1.015
823	6/15/2008 6:01	16.95	51.766	34.09	7.92		6.8	1.081
824	6/15/2008 6:16	16.89	51.742	34.08	7.89		7.4	1.147
825	6/15/2008 6:31	17.18	51.576	33.96	7.58		8.8	1.212
826	6/15/2008 6:46	17.22	51.547	33.94	7.48		9.1	1.273
827	6/15/2008 7:01	17.19	51.557	33.94	7.44		9.4	1.334
828	6/15/2008 7:16	17.09	51.553	33.94	7.56		8.9	1.412
829	6/15/2008 7:31	16.81	51.613	33.98	7.63		8.6	1.491
830	6/15/2008 7:46	16.66	51.625	33.99	7.63		9.3	1.55
831	6/15/2008 8:01	16.54	51.619	33.98	7.56		9.9	1.627
832	6/15/2008 8:16	16.15	51.575	33.94	7.46		10.7	1.707
833	6/15/2008 8:31	15.74	51.567	33.93	7.33		9.8	1.779
834	6/15/2008 8:46	15.57	51.539	33.9	7.28		8.3	1.855
835	6/15/2008 9:01	15.44	51.547	33.91	7.28		8.7	1.937
836	6/15/2008 9:16	15.22	51.509	33.87	7.25		7	2
837	6/15/2008 9:31	15.14	51.498	33.86	7.23		6	2.067
838	6/15/2008 9:46	14.99	51.467	33.84	7.24		5.4	2.129
839	6/15/2008 10:01	14.76	51.439	33.81	7.22		5.3	2.19
840	6/15/2008 10:16	14.67	51.446	33.81	7.16		5.4	2.242
841	6/15/2008 10:31	14.55	51.454	33.82	7.13		4.9	2.299
842	6/15/2008 10:46	14.36	51.44	33.8	7.12		5.2	2.345
843	6/15/2008 11:01	14.16	51.429	33.79	7.18		4.5	2.379
844	6/15/2008 11:16	13.92	51.414	33.77	7.19		4	2.416
845	6/15/2008 11:31	13.84	51.433	33.78	7.15		3.5	2.435
846	6/15/2008 11:46	13.77	51.47	33.8	7.05		3.4	2.456
847	6/15/2008 12:01	13.98	51.44	33.79	7.02		3.2	2.453
848	6/15/2008 12:16	13.93	51.382	33.74	6.8		3	2.452
849	6/15/2008 12:31	13.81	51.443	33.78	6.9		3.4	2.43
850	6/15/2008 12:46	13.9	51.429	33.78	6.87		3.1	2.397
851	6/15/2008 13:01	14.4	51.353	33.74	7.36		3.7	2.351
852	6/15/2008 13:16	14.68	51.516	33.87	8.01		4.1	2.305
853	6/15/2008 13:31	15.02	51.513	33.87	8.19		4.6	2.247
854	6/15/2008 13:46	15.2	51.41	33.8	7.95		4.1	2.196

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	6/15/2008 14:01	15.3	51.523	33.89	8.16		4	2.144
856	6/15/2008 14:16	15.46	51.486	33.86	8.01		4.1	2.092
857	6/15/2008 14:31	15.51	51.502	33.87	7.8		3.6	2.048
858	6/15/2008 14:46	15.62	51.509	33.88	7.58		3.6	1.997
859	6/15/2008 15:01	15.73	51.524	33.9	7.41		3.4	1.963
860	6/15/2008 15:16	15.87	51.52	33.9	7.38		3.4	1.939
861	6/15/2008 15:31	16.06	51.521	33.9	7.37		3	1.908
862	6/15/2008 15:46	16.28	51.535	33.91	7.51		2.2	1.892
863	6/15/2008 16:01	16.53	51.51	33.9	7.44		1.9	1.886
864	6/15/2008 16:16	16.37	51.568	33.94	8.78		4.5	1.889
865	6/15/2008 16:31	16.22	51.58	33.95	8.52		4.8	1.888
866	6/15/2008 16:46	16.33	51.57	33.94	8.01		4.1	1.896
867	6/15/2008 17:01	16.18	51.532	33.91	8.24		4.4	1.933
868	6/15/2008 17:16	16.23	51.539	33.92	8.11		4.9	1.975
869	6/15/2008 17:31	16.18	51.53	33.91	8.1		4.7	2.012
870	6/15/2008 17:46	15.95	51.504	33.89	7.92		4.5	2.052
871	6/15/2008 18:01	15.94	51.502	33.88	7.97		4.5	2.117
872	6/15/2008 18:16	15.76	51.494	33.87	7.88		4.5	2.171
873	6/15/2008 18:31	15.51	51.467	33.85	7.96		4.9	2.225
874	6/15/2008 18:46	15.13	51.481	33.85	7.62		4.4	2.289
875	6/15/2008 19:01	14.74	51.454	33.82	7.49		4.3	2.353
876	6/15/2008 19:16	14.27	51.449	33.8	7.44		4.4	2.416
877	6/15/2008 19:31	14.06	51.448	33.8	7.45		4.4	2.483
878	6/15/2008 19:46	13.56	51.467	33.79	7.43		4.4	2.549
879	6/15/2008 20:01	13.31	51.452	33.77	7.42		4.4	2.627
880	6/15/2008 20:16	13.01	51.481	33.78	7.4		3.7	2.69
881	6/15/2008 20:31	12.86	51.473	33.77	7.35		4.3	2.765
882	6/15/2008 20:46	12.61	51.504	33.78	7.44		4.9	2.831
883	6/15/2008 21:01	12.21	51.527	33.78	7.5		4.8	2.897
884	6/15/2008 21:16	11.97	51.546	33.78	7.48		4.7	2.957
885	6/15/2008 21:31	11.74	51.55	33.77	7.48		4	3.01
886	6/15/2008 21:46	11.56	51.602	33.8	7.46		4	3.066
887	6/15/2008 22:01	11.37	51.594	33.78	7.4		3.5	3.095
888	6/15/2008 22:16	11.25	51.597	33.78	7.36		3.5	3.12
889	6/15/2008 22:31	11.77	51.405	33.67	7.11		2.7	3.126
890	6/15/2008 22:46	11.45	51.617	33.81	7.1		2.9	3.122
891	6/15/2008 23:01	11.32	51.609	33.79	7.19		2.8	3.096
892	6/15/2008 23:16	11.39	51.606	33.79	7.18		3	3.047
893	6/15/2008 23:31	12.33	51.297	33.62	7.12		3.5	2.981
894	6/15/2008 23:46	12.4	51.517	33.78	7.18		3.4	2.919
895	6/16/2008 0:01	12.76	51.43	33.73	7.06		4.7	2.833
896	6/16/2008 0:16	13.06	51.564	33.84	7.15		4.2	2.74
897	6/16/2008 0:31	13.35	51.501	33.81	7.07		3.6	2.645
898	6/16/2008 0:46	13.67	51.523	33.84	7.22		3.6	2.552
899	6/16/2008 1:01	13.94	51.515	33.84	7.31		4.2	2.447

sonde #3		Indian Island Long-Term Deployment			Water Quality Data			TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
900	6/16/2008 1:16	14.17	51.501	33.84	7.13		3.7	2.35
901	6/16/2008 1:31	14.33	51.588	33.91	7.26		5.6	2.245
902	6/16/2008 1:46	14.65	51.505	33.86	7.25		5.2	2.135
903	6/16/2008 2:01	15	51.434	33.81	7.27		5.5	2.032
904	6/16/2008 2:16	15.07	51.61	33.94	7.31		6.2	1.912
905	6/16/2008 2:31	15.26	51.51	33.88	7.18		7	1.79
906	6/16/2008 2:46	15.03	51.613	33.95	7.21		6.9	1.677
907	6/16/2008 3:01	15.3	51.634	33.97	7.3		7.1	1.554
908	6/16/2008 3:16	15.51	51.67	34	7.36		7	1.436
909	6/16/2008 3:31	15.73	51.702	34.03	7.38		6.7	1.304
910	6/16/2008 3:46	15.8	51.69	34.02	7.3		7	1.198
911	6/16/2008 4:01	15.91	51.668	34.01	7.25		7	1.083
912	6/16/2008 4:16	16.09	51.699	34.03	7.26		7	0.987
913	6/16/2008 4:31	16.27	51.704	34.04	7.2		6.5	0.908
914	6/16/2008 4:46	16.25	51.756	34.08	7.09		5.6	0.822
915	6/16/2008 5:01	16.37	51.76	34.08	6.95		5.5	0.803
916	6/16/2008 5:16	16.57	51.781	34.1	6.64		3.5	0.771
917	6/16/2008 5:31	16.23	51.947	34.22	6.83		5	0.762
918	6/16/2008 5:46	16.73	51.907	34.2	7.4		5.5	0.795
919	6/16/2008 6:01	16.73	51.901	34.19	7.42		5.1	0.818
920	6/16/2008 6:16	16.81	51.851	34.16	7.57		5.4	0.887
921	6/16/2008 6:31	16.91	51.843	34.15	7.69		5.9	0.919
922	6/16/2008 6:46	16.84	51.838	34.15	7.69		6.2	0.992
923	6/16/2008 7:01	16.79	51.829	34.14	7.65		6.9	1.06
924	6/16/2008 7:16	16.78	51.607	33.98	7.4		8.8	1.115
925	6/16/2008 7:31	16.77	51.583	33.96	7.39		8.8	1.191
926	6/16/2008 7:46	16.75	51.547	33.93	7.33		8.9	1.251
927	6/16/2008 8:01	16.7	51.512	33.9	7.34		8.7	1.343
928	6/16/2008 8:16	16.48	51.607	33.97	7.46		8.5	1.42
929	6/16/2008 8:31	16.36	51.627	33.98	7.45		8.3	1.498
930	6/16/2008 8:46	16.2	51.625	33.98	7.39		9.6	1.583
931	6/16/2008 9:01	15.91	51.584	33.94	7.32		9.4	1.675
932	6/16/2008 9:16	15.58	51.554	33.92	7.22		8.7	1.766
933	6/16/2008 9:31	15.47	51.565	33.92	7.18		8.7	1.841
934	6/16/2008 9:46	15.34	51.543	33.9	7.18		8.2	1.922
935	6/16/2008 10:01	15.21	51.525	33.89	7.17		7.2	2.007
936	6/16/2008 10:16	15.11	51.536	33.89	7.17		6.8	2.082
937	6/16/2008 10:31	14.94	51.525	33.88	7.16		6.5	2.135
938	6/16/2008 10:46	14.8	51.483	33.84	7.14		5.8	2.206
939	6/16/2008 11:01	14.54	51.44	33.81	7.11		6	2.265
940	6/16/2008 11:16	14.36	51.416	33.78	7.12		5.7	2.319
941	6/16/2008 11:31	14.11	51.438	33.79	7.15		4.9	2.364
942	6/16/2008 11:46	13.9	51.432	33.78	7.15		4.4	2.41
943	6/16/2008 12:01	13.7	51.431	33.77	7.18		4	2.45
944	6/16/2008 12:16	13.53	51.446	33.78	7.16		3.8	2.482

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
945	6/16/2008 12:31	13.39	51.486	33.8	7.14		3.1	2.498
946	6/16/2008 12:46	13.84	51.471	33.81	7.03		3.7	2.506
947	6/16/2008 13:01	13.58	51.472	33.8	6.83		3.4	2.513
948	6/16/2008 13:16	13.55	51.438	33.77	6.92		3.8	2.492
949	6/16/2008 13:31	13.66	51.427	33.77	6.85		5.1	2.452
950	6/16/2008 13:46	13.93	51.385	33.75	7.01		4	2.413
951	6/16/2008 14:01	14.39	51.392	33.77	7.61		6.3	2.356
952	6/16/2008 14:16	14.53	51.45	33.81	7.82		5.6	2.32
953	6/16/2008 14:31	14.71	51.527	33.87	7.95		5.1	2.259
954	6/16/2008 14:46	14.91	51.523	33.88	8.14		6.5	2.181
955	6/16/2008 15:01	15.04	51.525	33.88	7.81		6	2.153
956	6/16/2008 15:16	15.13	51.547	33.9	7.94		5.7	2.101
957	6/16/2008 15:31	15.27	51.454	33.83	8.29		4.9	2.053
958	6/16/2008 15:46	15.28	51.633	33.97	8.18		4.2	2.008
959	6/16/2008 16:01	15.4	51.543	33.9	8.5		6.7	1.982
960	6/16/2008 16:16	15.52	51.56	33.92	7.86		3.2	1.967
961	6/16/2008 16:31	15.52	51.592	33.94	7.38		1.8	1.927
962	6/16/2008 16:46	15.56	51.573	33.93	8.15		3.1	1.924
963	6/16/2008 17:01	15.51	51.63	33.97	8.9		4.5	1.926
964	6/16/2008 17:16	15.39	51.584	33.93	8.6		4.6	1.942
965	6/16/2008 17:31	15.43	51.555	33.91	8.38		5.1	1.949
966	6/16/2008 17:46	15.44	51.562	33.92	8.17		4.5	1.978
967	6/16/2008 18:01	15.36	51.556	33.91	8.15		4.8	2.029
968	6/16/2008 18:16	15.39	51.563	33.92	7.94		4.9	2.063
969	6/16/2008 18:31	15.29	51.554	33.91	7.81		5.1	2.117
970	6/16/2008 18:46	15.25	51.537	33.9	7.78		5.1	2.168
971	6/16/2008 19:01	15.26	51.543	33.9	7.75		5.1	2.239
972	6/16/2008 19:16	14.97	51.504	33.86	7.78		5.4	2.293
973	6/16/2008 19:31	14.87	51.509	33.86	7.74		4.8	2.356
974	6/16/2008 19:46	14.49	51.465	33.82	7.53		5.3	2.414
975	6/16/2008 20:01	13.89	51.472	33.81	7.49		4.8	2.486
976	6/16/2008 20:16	13.37	51.5	33.81	7.42		5	2.554
977	6/16/2008 20:31	12.92	51.513	33.8	7.3		4.3	2.613
978	6/16/2008 20:46	12.64	51.514	33.79	7.23		4.3	2.694
979	6/16/2008 21:01	12.42	51.528	33.79	7.16		4.2	2.758
980	6/16/2008 21:16	12.11	51.546	33.79	7.12		4.4	2.83
981	6/16/2008 21:31	11.69	51.595	33.8	7.03		4.6	2.893
982	6/16/2008 21:46	11.37	51.61	33.8	6.98		4.3	2.954
983	6/16/2008 22:01	11.14	51.628	33.8	6.97		4	3.019
984	6/16/2008 22:16	10.89	51.637	33.79	6.89		3.8	3.064
985	6/16/2008 22:31	10.61	51.756	33.86	6.8		3.8	3.105
986	6/16/2008 22:46	10.48	51.674	33.79	6.7		3.4	3.131
987	6/16/2008 23:01	10.53	51.647	33.77	6.33		2	3.144
988	6/16/2008 23:16	10.62	51.753	33.86	6.53		2.9	3.145
989	6/16/2008 23:31	10.59	51.696	33.81	6.3		2.3	3.122

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
990	6/16/2008 23:46	11.01	51.556	33.74	6.57		2.9	3.076
991	6/17/2008 0:01	11.19	51.62	33.79	6.71		3.4	3.016
992	6/17/2008 0:16	11.61	51.599	33.8	6.93		3.9	2.957
993	6/17/2008 0:31	11.98	51.592	33.82	6.99		4.6	2.866
994	6/17/2008 0:46	12.18	51.608	33.84	6.98		5.6	2.759
995	6/17/2008 1:01	12.68	51.48	33.77	6.92		4.6	2.68
996	6/17/2008 1:16	12.66	51.56	33.82	6.83		4.3	2.584
997	6/17/2008 1:31	12.77	51.418	33.73	6.77		4.5	2.48
998	6/17/2008 1:46	13.3	51.387	33.72	6.92		5.6	2.368
999	6/17/2008 2:01	13.87	51.447	33.79	6.89		4.8	2.268
1000	6/17/2008 2:16	14.21	51.601	33.91	7.04		5.3	2.163
1001	6/17/2008 2:31	14.09	51.635	33.93	7.04		5.4	2.045
1002	6/17/2008 2:46	14.16	51.578	33.89	6.99		5.7	1.921
1003	6/17/2008 3:01	13.91	51.663	33.95	7.04		6.9	1.792
1004	6/17/2008 3:16	13.82	51.606	33.9	7.01		6.6	1.669
1005	6/17/2008 3:31	14.18	51.639	33.94	7.1		7	1.546
1006	6/17/2008 3:46	14.25	51.605	33.92	7.05		7	1.403
1007	6/17/2008 4:01	14.35	51.647	33.95	7.04		7.3	1.269
1008	6/17/2008 4:16	14.41	51.61	33.93	6.95		6.8	1.144
1009	6/17/2008 4:31	14.57	51.65	33.96	6.95		6	1.047
1010	6/17/2008 4:46	14.67	51.612	33.94	6.86		5.2	0.92
1011	6/17/2008 5:01	14.75	51.661	33.97	6.83		5.1	0.829
1012	6/17/2008 5:16	14.78	51.703	34.01	6.62		4.6	0.781
1013	6/17/2008 5:31	14.78	51.69	34	5.99		2.6	0.721
1014	6/17/2008 5:46	14.58	51.821	34.09	6.63		5.1	0.707
1015	6/17/2008 6:01	14.9	51.71	34.01	6.98		5.3	0.699
1016	6/17/2008 6:16	15.1	51.743	34.04	7.07		5.9	0.73
1017	6/17/2008 6:31	15.12	51.737	34.04	7.05		6.7	0.763
1018	6/17/2008 6:46	15.09	51.78	34.07	7.07		6.4	0.812
1019	6/17/2008 7:01	15.16	51.793	34.08	7.1		6.2	0.86
1020	6/17/2008 7:16	15.16	51.814	34.1	7.13		7.1	0.914
1021	6/17/2008 7:31	15.12	51.789	34.08	7.1		7.8	0.973
1022	6/17/2008 7:46	15.12	51.773	34.07	7.08		7.8	1.043
1023	6/17/2008 8:01	15.12	51.602	33.94	7.12		8.7	1.098
1024	6/17/2008 8:16	15.11	51.557	33.91	7.12		9	1.168
1025	6/17/2008 8:31	15.1	51.546	33.9	7.11		9.3	1.259
1026	6/17/2008 8:46	15.11	51.617	33.95	7.15		13.7	1.339
1027	6/17/2008 9:01	15.07	51.67	33.99	7.19		8.4	1.419
1028	6/17/2008 9:16	15.03	51.666	33.98	7.21		8	1.522
1029	6/17/2008 9:31	15.04	51.684	34	7.2		8.7	1.616
1030	6/17/2008 9:46	15.04	51.685	34	7.18		9.3	1.702
1031	6/17/2008 10:01	14.87	51.641	33.96	7.14		10	1.791
1032	6/17/2008 10:16	14.75	51.632	33.95	7.14		10.1	1.882
1033	6/17/2008 10:31	14.52	51.622	33.94	7.1		9.6	1.963
1034	6/17/2008 10:46	14.44	51.602	33.92	7.08		8.3	2.04

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1035	6/17/2008 11:01	14.33	51.575	33.9	7.09		7.6	2.114
1036	6/17/2008 11:16	14.35	51.573	33.9	7.12		6.4	2.184
1037	6/17/2008 11:31	14.23	51.515	33.85	7.11		6.2	2.247
1038	6/17/2008 11:46	13.96	51.483	33.82	7.07		6.5	2.309
1039	6/17/2008 12:01	13.59	51.48	33.8	7.09		5.9	2.365
1040	6/17/2008 12:16	13.51	51.481	33.8	7.11		5.4	2.412
1041	6/17/2008 12:31	13.37	51.502	33.81	7.1		5.3	2.454
1042	6/17/2008 12:46	13.11	51.512	33.81	7.06		4.5	2.485
1043	6/17/2008 13:01	12.95	51.505	33.8	7.07		4.3	2.519
1044	6/17/2008 13:16	12.83	51.524	33.81	6.81		3.8	2.522
1045	6/17/2008 13:31	12.97	51.517	33.81	6.82		3.8	2.531
1046	6/17/2008 13:46	13.06	51.445	33.76	6.47		2.6	2.519
1047	6/17/2008 14:01	13.1	51.461	33.77	6.59		2.9	2.48
1048	6/17/2008 14:16	13.37	51.459	33.78	6.75		3.9	2.446
1049	6/17/2008 14:31	13.79	51.511	33.83	7.18		4.2	2.395
1050	6/17/2008 14:46	14.17	51.401	33.77	7.32		4.8	2.345
1051	6/17/2008 15:01	14.29	51.524	33.86	7.45		4.1	2.283
1052	6/17/2008 15:16	14.67	51.527	33.87	7.62		4.2	2.224
1053	6/17/2008 15:31	14.84	51.479	33.84	7.45		3.9	2.172
1054	6/17/2008 15:46	15.18	51.46	33.84	7.73		4.3	2.115
1055	6/17/2008 16:01	15.31	51.561	33.91	7.76		4.3	2.075
1056	6/17/2008 16:16	15.47	51.563	33.92	7.57		3.3	2.021
1057	6/17/2008 16:31	15.68	51.56	33.92	7.88		5.1	1.982
1058	6/17/2008 16:46	15.74	51.623	33.97	7.59		2.9	1.957
1059	6/17/2008 17:01	15.8	51.627	33.97	7.01		2.9	1.926
1060	6/17/2008 17:16	15.86	51.63	33.98	6.7		1.2	1.912
1061	6/17/2008 17:31	16.1	51.569	33.94	7.37		3.8	1.901
1062	6/17/2008 17:46	15.76	51.649	33.99	8.3		4.9	1.92
1063	6/17/2008 18:01	15.94	51.659	34	8.43		5.1	1.936
1064	6/17/2008 18:16	15.73	51.602	33.95	8.38		4.9	1.952
1065	6/17/2008 18:31	15.84	51.608	33.96	8.4		5.2	1.991
1066	6/17/2008 18:46	15.88	51.617	33.97	8.46		4.8	2.035
1067	6/17/2008 19:01	15.71	51.592	33.95	8.34		5.1	2.089
1068	6/17/2008 19:16	15.55	51.575	33.93	8.22		5.1	2.134
1069	6/17/2008 19:31	15.69	51.556	33.92	8.24		5.4	2.199
1070	6/17/2008 19:46	15.42	51.532	33.9	8.14		5.3	2.259
1071	6/17/2008 20:01	15.15	51.52	33.88	8.05		5.2	2.314
1072	6/17/2008 20:16	14.9	51.507	33.86	8.02		4.9	2.39
1073	6/17/2008 20:31	14.41	51.506	33.85	7.64		5.3	2.446
1074	6/17/2008 20:46	13.7	51.525	33.84	7.44		5.1	2.51
1075	6/17/2008 21:01	13.17	51.539	33.83	7.25		4.8	2.585
1076	6/17/2008 21:16	12.73	51.532	33.81	7.1		5	2.649
1077	6/17/2008 21:31	12.45	51.542	33.8	6.97		4.4	2.718
1078	6/17/2008 21:46	12.34	51.559	33.81	6.87		4.4	2.789
1079	6/17/2008 22:01	11.92	51.556	33.79	6.71		4.6	2.859

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1080	6/17/2008 22:16	11.64	51.595	33.8	6.64		4.5	2.927
1081	6/17/2008 22:31	11.34	51.606	33.79	6.55		3.9	2.986
1082	6/17/2008 22:46	11.21	51.616	33.79	6.47		3.6	3.041
1083	6/17/2008 23:01	11.11	51.611	33.78	6.41		2.9	3.088
1084	6/17/2008 23:16	10.88	51.698	33.83	6.29		3.1	3.126
1085	6/17/2008 23:31	10.75	51.641	33.78	6.03		2.3	3.141
1086	6/17/2008 23:46	11.08	51.67	33.82	5.85		2.7	3.143
1087	6/18/2008 0:01	11	51.643	33.8	5.69		1.5	3.132
1088	6/18/2008 0:16	11.18	51.517	33.72	5.91		2.1	3.099
1089	6/18/2008 0:31	11.33	51.612	33.8	6.13		2.3	3.044
1090	6/18/2008 0:46	11.59	51.598	33.8	6.31		2.8	2.973
1091	6/18/2008 1:01	11.8	51.597	33.81	6.52		3.2	2.89
1092	6/18/2008 1:16	12.23	51.523	33.78	6.47		3.9	2.805
1093	6/18/2008 1:31	12.6	51.528	33.8	6.6		4.3	2.706
1094	6/18/2008 1:46	12.85	51.578	33.85	6.67		4.3	2.601
1095	6/18/2008 2:01	13.1	51.564	33.85	6.71		4.1	2.502
1096	6/18/2008 2:16	13.35	51.677	33.94	6.81		3.8	2.395
1097	6/18/2008 2:31	13.33	51.881	34.09	6.81		4.3	2.287
1098	6/18/2008 2:46	14.11	51.587	33.9	7.07		6.5	2.169
1099	6/18/2008 3:01	14.03	51.597	33.9	6.99		5.3	2.057
1100	6/18/2008 3:16	14.25	51.404	33.77	6.74		5.1	1.934
1101	6/18/2008 3:31	14.02	51.66	33.95	7.07		5.4	1.804
1102	6/18/2008 3:46	14.19	51.596	33.91	7.02		6.2	1.675
1103	6/18/2008 4:01	14.19	51.628	33.93	6.99		5.9	1.538
1104	6/18/2008 4:16	14.57	51.664	33.97	7.19		6.9	1.396
1105	6/18/2008 4:31	14.54	51.701	34	7.16		6	1.264
1106	6/18/2008 4:46	14.63	51.695	34	7.1		4.9	1.136
1107	6/18/2008 5:01	14.93	51.675	33.99	7.15		5.9	1.012
1108	6/18/2008 5:16	14.91	51.671	33.98	7.07		5.4	0.899
1109	6/18/2008 5:31	15.1	51.708	34.02	7.08		5.1	0.795
1110	6/18/2008 5:46	15.12	51.708	34.02	6.85		3.8	0.723
1111	6/18/2008 6:01	15.29	51.663	33.99	6.71		3.5	0.648
1112	6/18/2008 6:16	15.35	51.725	34.04	6.72		2.9	0.639
1113	6/18/2008 6:31	15.15	51.746	34.05	7.25		4.8	0.63
1114	6/18/2008 6:46	15.47	51.995	34.24	7.45		5	0.647
1115	6/18/2008 7:01	15.42	51.761	34.06	7.42		5.1	0.715
1116	6/18/2008 7:16	15.51	51.799	34.09	7.46		5.5	0.752
1117	6/18/2008 7:31	15.61	51.769	34.07	7.49		6	0.808
1118	6/18/2008 7:46	15.65	51.792	34.09	7.59		6.5	0.862
1119	6/18/2008 8:01	15.79	51.864	34.15	7.75		6	0.923
1120	6/18/2008 8:16	15.86	51.635	33.98	7.6		7.4	0.973
1121	6/18/2008 8:31	15.79	51.694	34.02	7.55		8.4	1.036
1122	6/18/2008 8:46	15.84	51.609	33.96	7.54		8.6	1.108
1123	6/18/2008 9:01	15.83	51.593	33.95	7.56		8.6	1.188
1124	6/18/2008 9:16	15.87	51.495	33.88	7.54		9.9	1.268

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1125	6/18/2008 9:31	15.8	51.547	33.91	7.54		10.9	1.352
1126	6/18/2008 9:46	15.63	51.558	33.92	7.61		11	1.445
1127	6/18/2008 10:01	15.57	51.59	33.94	7.59		11.2	1.553
1128	6/18/2008 10:16	15.32	51.638	33.97	7.51		12	1.648
1129	6/18/2008 10:31	14.94	51.622	33.95	7.37		11.5	1.734
1130	6/18/2008 10:46	14.82	51.636	33.96	7.35		8.1	1.839
1131	6/18/2008 11:01	14.73	51.639	33.96	7.33		8.1	1.93
1132	6/18/2008 11:16	14.67	51.63	33.95	7.31		7.6	2.014
1133	6/18/2008 11:31	14.58	51.605	33.93	7.28		7.1	2.086
1134	6/18/2008 11:46	14.42	51.584	33.91	7.26		7.1	2.167
1135	6/18/2008 12:01	14.18	51.56	33.88	7.15		7.3	2.238
1136	6/18/2008 12:16	13.99	51.536	33.86	7.09		6.9	2.295
1137	6/18/2008 12:31	13.63	51.512	33.83	7.04		5.8	2.354
1138	6/18/2008 12:46	13.38	51.524	33.83	7		5.2	2.405
1139	6/18/2008 13:01	13.28	51.471	33.79	6.94		4.6	2.448
1140	6/18/2008 13:16	12.98	51.528	33.81	6.84		4.2	2.483
1141	6/18/2008 13:31	12.81	51.511	33.8	6.78		4.4	2.51
1142	6/18/2008 13:46	12.59	51.557	33.82	6.65		3.1	2.53
1143	6/18/2008 14:01	13.27	51.231	33.61	6.26		3.2	2.541
1144	6/18/2008 14:16	12.72	51.631	33.88	6.26		2.9	2.534
1145	6/18/2008 14:31	12.69	51.625	33.87	5.97		1.7	2.518
1146	6/18/2008 14:46	12.9	51.051	33.46	6.41		14.5	2.479
1147	6/18/2008 15:01	13.25	51.445	33.77	6.44		19.2	2.427
1148	6/18/2008 15:16	14.39	51.513	33.85	7.56		4.3	2.383
1149	6/18/2008 15:31	14.36	51.578	33.9	7.48		3.8	2.326
1150	6/18/2008 15:46	14.82	51.518	33.87	8.02		4.2	2.259
1151	6/18/2008 16:01	15.03	51.628	33.96	8.03		4.1	2.196
1152	6/18/2008 16:16	15.41	51.416	33.81	8.34		5.2	2.143
1153	6/18/2008 16:31	15.64	51.526	33.9	8.58		3.9	2.097
1154	6/18/2008 16:46	15.62	51.623	33.97	8.07		3.5	2.048
1155	6/18/2008 17:01	15.87	51.561	33.93	8.29		6.2	1.995
1156	6/18/2008 17:16	15.96	51.625	33.97	7.86		3.4	1.967
1157	6/18/2008 17:31	16.07	51.63	33.98	7.53		2.5	1.936
1158	6/18/2008 17:46	16.19	51.589	33.95	6.89		3.2	1.918
1159	6/18/2008 18:01	16.38	51.61	33.97	7.33		3.8	1.898
1160	6/18/2008 18:16	15.98	51.634	33.98	9.49			1.911
1161	6/18/2008 18:31	16.12	51.69	34.03	8.77		4.3	1.936
1162	6/18/2008 18:46	16.03	51.622	33.97	8.93		4.4	1.941
1163	6/18/2008 19:01	16.11	51.634	33.98	8.9		4.4	1.976
1164	6/18/2008 19:16	16.16	51.046	33.55	8.99			2.017
1165	6/18/2008 19:31	15.87	51.088	33.58	8.76			2.073
1166	6/18/2008 19:46	16.05	51.588	33.95	8.54			2.121
1167	6/18/2008 20:01	15.89	51.297	33.73	8.46			2.177
1168	6/18/2008 20:16	15.41	51.56	33.92	8.28			2.243
1169	6/18/2008 20:31	15.03	51.565	33.91	8.07			2.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	6/18/2008 20:46	14.65	51.466	33.83	7.77			2.366
1171	6/18/2008 21:01	13.83	51.513	33.84	7.27			2.432
1172	6/18/2008 21:16	13.48	51.437	33.77	7.09			2.502
1173	6/18/2008 21:31	12.94	51.569	33.84	6.9			2.57
1174	6/18/2008 21:46	12.7	51.215	33.57	6.76			2.641
1175	6/18/2008 22:01	12.25	51.163	33.52	6.5		3.6	2.715
1176	6/18/2008 22:16	11.98	51.525	33.77	6.33		3.7	2.777
1177	6/18/2008 22:31	11.36	51.625	33.81	6.06		3.7	2.848
1178	6/18/2008 22:46	11.14	51.617	33.79	6.02		3.1	2.909
1179	6/18/2008 23:01	11.01	51.609	33.77	6.02		12.1	2.982
1180	6/18/2008 23:16	10.78	51.644	33.79	5.96		2.6	3.031
1181	6/18/2008 23:31	10.58	51.632	33.76	5.84		2.1	3.07
1182	6/18/2008 23:46	10.56	51.598	33.74	5.79		2.6	3.111
1183	6/19/2008 0:01	10.39	51.72	33.82	5.74		2.6	3.142
1184	6/19/2008 0:16	10.42	51.658	33.77	5.31		3.4	3.146
1185	6/19/2008 0:31	10.84	51.7	33.83	5.49		3.7	3.127
1186	6/19/2008 0:46	10.54	51.69	33.8	5.34		3.6	3.109
1187	6/19/2008 1:01	10.69	51.651	33.79	5.52		3.4	3.065
1188	6/19/2008 1:16	11.74	51.679	33.87	6.07		6	2.997
1189	6/19/2008 1:31	11.8	51.62	33.83	5.98		3.7	2.913
1190	6/19/2008 1:46	11.84	51.613	33.82	6.04		3.5	2.839
1191	6/19/2008 2:01	12.04	51.654	33.86	6.07		7.6	2.747
1192	6/19/2008 2:16	12.3	51.601	33.84	6.16		4.9	2.643
1193	6/19/2008 2:31	12.5	51.561	33.82	6.28		3.4	2.534
1194	6/19/2008 2:46	12.84	51.675	33.92	6.58		3.7	2.433
1195	6/19/2008 3:01	13.49	51.456	33.78	6.72		6.1	2.33
1196	6/19/2008 3:16	13.74	51.566	33.87	6.9		4.7	2.208
1197	6/19/2008 3:31	14.16	51.625	33.93	7.18		7.1	2.086
1198	6/19/2008 3:46	14.44	51.611	33.93	7.27		7.4	1.975
1199	6/19/2008 4:01	14.68	51.6	33.93	7.39		8.4	1.851
1200	6/19/2008 4:16	14.57	51.634	33.95	7.4		7.1	1.719
1201	6/19/2008 4:31	14.52	51.73	34.02	7.42		7.4	1.584
1202	6/19/2008 4:46	14.76	51.655	33.97	7.31		8.6	1.45
1203	6/19/2008 5:01	14.78	50.4	33.05	7.29		7.6	1.321
1204	6/19/2008 5:16	15.06	51.632	33.96	7.31		6	1.174
1205	6/19/2008 5:31	15.2	51.689	34.01	7.37		7	1.052
1206	6/19/2008 5:46	15.37	51.132	33.6	7.36		6.2	0.924
1207	6/19/2008 6:01	15.48	50.923	33.45	7.38		27.2	0.815
1208	6/19/2008 6:16	15.62	51.147	33.62	7.21		4.1	0.724
1209	6/19/2008 6:31	15.89	51.057	33.56	7.2		5.7	0.642
1210	6/19/2008 6:46	15.86	51.065	33.56	6.09		1.3	0.619
1211	6/19/2008 7:01	15.63	50.827	33.38	7.42		10	0.607
1212	6/19/2008 7:16	15.93	50.803	33.37	7.72		5.5	0.618
1213	6/19/2008 7:31	16.46	50.44	33.11	7.94		11.8	0.673
1214	6/19/2008 7:46	16.4	50.369	33.06	8.01		5.1	0.71

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1215	6/19/2008 8:01	16.45	50.425	33.1	8.15		10	0.77
1216	6/19/2008 8:16	16.43	50.806	33.38	8.13		17.5	0.82
1217	6/19/2008 8:31	16.38	50.774	33.36	8.17			0.883
1218	6/19/2008 8:46	16.4	51.003	33.53	7.99		17	0.942
1219	6/19/2008 9:01	16.37	51.684	34.03	7.84		8.2	1.005
1220	6/19/2008 9:16	16.45	51.537	33.92	7.76		8.1	1.086
1221	6/19/2008 9:31	16.3	51.581	33.95	7.73		9.1	1.152
1222	6/19/2008 9:46	16.2	51.602	33.96	7.71		12.4	1.238
1223	6/19/2008 10:01	16.09	51.589	33.95	7.74		8.9	1.324
1224	6/19/2008 10:16	15.81	51.647	33.99	7.78		9.3	1.422
1225	6/19/2008 10:31	15.56	51.647	33.98	7.66		11.2	1.514
1226	6/19/2008 10:46	15.32	51.612	33.95	7.57		9.5	1.612
1227	6/19/2008 11:01	15.18	51.622	33.96	7.48		8.5	1.713
1228	6/19/2008 11:16	15.1	51.604	33.94	7.41		8.3	1.802
1229	6/19/2008 11:31	14.92	51.597	33.93	7.36		8.6	1.901
1230	6/19/2008 11:46	14.87	51.593	33.93	7.35		7.3	1.982
1231	6/19/2008 12:01	14.8	51.574	33.91	7.32		6.5	2.06
1232	6/19/2008 12:16	14.71	51.523	33.87	7.24		6.1	2.14
1233	6/19/2008 12:31	14.38	51.519	33.86	7.13		6	2.211
1234	6/19/2008 12:46	14.04	51.496	33.83	7.01		6.2	2.274
1235	6/19/2008 13:01	13.88	51.478	33.81	6.97		5.1	2.333
1236	6/19/2008 13:16	13.56	51.459	33.79	6.9		4.5	2.39
1237	6/19/2008 13:31	13.21	51.467	33.78	6.74		4	2.438
1238	6/19/2008 13:46	12.75	51.487	33.78	6.62		3.8	2.475
1239	6/19/2008 14:01	12.56	51.489	33.77	6.53		3.4	2.509
1240	6/19/2008 14:16	12.46	51.489	33.76	6.44		3.2	2.533
1241	6/19/2008 14:31	12.37	51.509	33.77	6.12		2.8	2.547
1242	6/19/2008 14:46	12.75	51.515	33.8	6.01		1.8	2.542
1243	6/19/2008 15:01	12.61	51.536	33.8	5.36		1.9	2.529
1244	6/19/2008 15:16	12.63	51.477	33.76	5.89		2	2.499
1245	6/19/2008 15:31	13.09	51.344	33.68	6.27		3.8	2.453
1246	6/19/2008 15:46	14.41	51.427	33.79	7.38		3.7	2.4
1247	6/19/2008 16:01	14.44	51.434	33.8	7.11		7.9	2.337
1248	6/19/2008 16:16	15.08	51.537	33.89	8.11		5.2	2.277
1249	6/19/2008 16:31	15.39	51.288	33.72	7.88		4.2	2.219
1250	6/19/2008 16:46	15.37	51.562	33.92	8.15		4.3	2.145
1251	6/19/2008 17:01	15.75	51.593	33.95	8.53		6.7	2.1
1252	6/19/2008 17:16	15.73	51.554	33.92	7.98		2.7	2.049
1253	6/19/2008 17:31	15.99	51.553	33.92	8.22			1.993
1254	6/19/2008 17:46	16.16	51.567	33.94	7.92		2.3	1.963
1255	6/19/2008 18:01	16.24	51.582	33.95	7.72		2.3	1.933
1256	6/19/2008 18:16	16.42	51.497	33.89	7.57		2.4	1.904
1257	6/19/2008 18:31	16.65	51.483	33.88	7.92		1.5	1.897
1258	6/19/2008 18:46	16.44	51.764	34.09	9.12		3	1.886
1259	6/19/2008 19:01	16.39	51.597	33.96	9.33		4.3	1.904

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1260	6/19/2008 19:16	16.43	51.631	33.99	8.82		3.7	1.916
1261	6/19/2008 19:31	16.37	51.587	33.95	8.92		4.2	1.948
1262	6/19/2008 19:46	16.43	51.586	33.95	8.9		4.2	1.98
1263	6/19/2008 20:01	16.34	51.585	33.95	8.88		4.6	2.032
1264	6/19/2008 20:16	16.1	51.58	33.94	8.76		4.5	2.08
1265	6/19/2008 20:31	16.33	51.561	33.93	8.59		5.3	2.135
1266	6/19/2008 20:46	15.89	51.561	33.93	8.47		4.6	2.199
1267	6/19/2008 21:01	15.43	51.535	33.9	8.22		4.6	2.256
1268	6/19/2008 21:16	14.89	51.524	33.88	7.79		4.2	2.319
1269	6/19/2008 21:31	14.19	51.503	33.84	7.37		4.5	2.388
1270	6/19/2008 21:46	13.58	51.52	33.83	7.08		4.7	2.453
1271	6/19/2008 22:01	13.19	51.545	33.84	6.92		4.2	2.522
1272	6/19/2008 22:16	12.71	51.557	33.82	6.66		3.4	2.596
1273	6/19/2008 22:31	12.54	51.568	33.83	6.56		3.1	2.666
1274	6/19/2008 22:46	12.24	51.56	33.8	6.36		3.1	2.732
1275	6/19/2008 23:01	11.78	51.581	33.8	6.12		7.4	2.801
1276	6/19/2008 23:16	11.43	51.514	33.73	6.02		3.7	2.871
1277	6/19/2008 23:31	11.16	51.628	33.8	5.93		3.1	2.931
1278	6/19/2008 23:46	10.97	51.641	33.8	5.87		2.8	2.978
1279	6/20/2008 0:01	10.85	51.611	33.77	5.77		2.4	3.042
1280	6/20/2008 0:16	10.65	51.711	33.83	5.72		2.1	3.084
1281	6/20/2008 0:31	10.6	51.672	33.79	5.62		1.8	3.1
1282	6/20/2008 0:46	10.64	51.656	33.79	5.28		1.2	3.118
1283	6/20/2008 1:01	11	51.603	33.77	5.29		30.7	3.131
1284	6/20/2008 1:16	10.77	51.721	33.84	5.02		14.8	3.114
1285	6/20/2008 1:31	10.71	51.607	33.75	5.3		8.7	3.066
1286	6/20/2008 1:46	11.31	51.417	33.65	5.73		7.1	3.014
1287	6/20/2008 2:01	12.52	51.536	33.8	6.26		2.9	2.952
1288	6/20/2008 2:16	12.42	51.515	33.78	6.19		3.1	2.866
1289	6/20/2008 2:31	12.63	51.629	33.87	6.27		2.6	2.765
1290	6/20/2008 2:46	12.51	51.608	33.85	6.3		3.1	2.672
1291	6/20/2008 3:01	12.98	51.564	33.84	6.39		3.7	2.584
1292	6/20/2008 3:16	13.27	51.557	33.85	6.44		3.1	2.473
1293	6/20/2008 3:31	13.72	51.51	33.83	6.54		3.6	2.36
1294	6/20/2008 3:46	13.84	51.547	33.86	6.56		3.6	2.244
1295	6/20/2008 4:01	14.69	51.614	33.94	7.12		5.5	2.135
1296	6/20/2008 4:16	14.99	51.567	33.91	7.23		4.5	2.024
1297	6/20/2008 4:31	15.34	51.559	33.91	7.42		5.2	1.902
1298	6/20/2008 4:46	15.21	51.681	34	7.37		4.7	1.77
1299	6/20/2008 5:01	15.26	51.655	33.98	7.33		6.5	1.648
1300	6/20/2008 5:16	15.12	51.637	33.97	7.21			1.515
1301	6/20/2008 5:31	15.39	51.717	34.03	7.26		5.8	1.371
1302	6/20/2008 5:46	15.5	51.582	33.93	7.16		8.1	1.236
1303	6/20/2008 6:01	15.59	51.573	33.93	7.11		8	1.112
1304	6/20/2008 6:16	15.7	51.62	33.97	7.13		7.1	0.981

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1305	6/20/2008 6:31	15.99	51.614	33.97	7.2		5.8	0.859
1306	6/20/2008 6:46	16.32	51.689	34.03	7.31		5.2	0.763
1307	6/20/2008 7:01	16.32	51.637	33.99	7.07		4.3	0.688
1308	6/20/2008 7:16	16.47	51.639	33.99	6.85		2.6	0.63
1309	6/20/2008 7:31	17.16	51.731	34.07	6.91		2.9	0.597
1310	6/20/2008 7:46	16.86	51.82	34.13	7.4		5.6	0.621
1311	6/20/2008 8:01	17.3	51.776	34.11	7.94		4.4	0.643
1312	6/20/2008 8:16	17.14	51.837	34.15	7.91		3.5	0.697
1313	6/20/2008 8:31	17.32	51.776	34.11	8.08		4.9	0.756
1314	6/20/2008 8:46	17.31	51.793	34.12	8.02		5.7	0.803
1315	6/20/2008 9:01	17.28	51.763	34.1	8.03		5.6	0.878
1316	6/20/2008 9:16	17.32	51.639	34.01	7.92		7.5	0.942
1317	6/20/2008 9:31	17.28	51.498	33.9	7.71		11.5	0.989
1318	6/20/2008 9:46	17.34	51.449	33.87	7.75		9	1.077
1319	6/20/2008 10:01	16.99	51.636	34	7.73		7.8	1.146
1320	6/20/2008 10:16	17	51.606	33.98	7.76		11.5	1.224
1321	6/20/2008 10:31	16.79	51.653	34.01	7.72		27.1	1.301
1322	6/20/2008 10:46	16.57	51.659	34.01	7.76		8.9	1.401
1323	6/20/2008 11:01	16.35	51.648	34	7.7		10.3	1.508
1324	6/20/2008 11:16	16.2	51.642	33.99	7.65		9.6	1.59
1325	6/20/2008 11:31	15.77	51.611	33.96	7.5		10.1	1.692
1326	6/20/2008 11:46	15.49	51.624	33.97	7.4		8	1.787
1327	6/20/2008 12:01	15.37	51.625	33.96	7.37		7.4	1.881
1328	6/20/2008 12:16	15.28	51.589	33.93	7.37		6.8	1.959
1329	6/20/2008 12:31	15.23	51.611	33.95	7.35		5.9	2.038
1330	6/20/2008 12:46	15.06	51.579	33.92	7.29		6.2	2.121
1331	6/20/2008 13:01	14.84	51.567	33.91	7.2		6.3	2.184
1332	6/20/2008 13:16	14.59	51.477	33.83	7.05		6.4	2.257
1333	6/20/2008 13:31	14.17	51.502	33.84	6.98		6.3	2.321
1334	6/20/2008 13:46	13.93	51.496	33.83	6.88		5.1	2.379
1335	6/20/2008 14:01	13.38	51.515	33.82	6.71		5	2.44
1336	6/20/2008 14:16	12.97	51.439	33.75	6.57		3.7	2.476
1337	6/20/2008 14:31	12.82	51.452	33.75	6.5		3.2	2.522
1338	6/20/2008 14:46	12.71	51.493	33.78	6.47		3.8	2.562
1339	6/20/2008 15:01	12.64	51.536	33.81	6.37		2.5	2.574
1340	6/20/2008 15:16	13.18	51.383	33.72	6.14		2.4	2.574
1341	6/20/2008 15:31	12.96	51.54	33.82	5.68		1.2	2.573
1342	6/20/2008 15:46	12.89	51.534	33.81	5.62		1.6	2.552
1343	6/20/2008 16:01	12.99	51.47	33.77	5.95		1.9	2.504
1344	6/20/2008 16:16	14.3	51.474	33.82	6.97		2.9	2.443
1345	6/20/2008 16:31	14.72	51.466	33.83	7.19		3.1	2.392
1346	6/20/2008 16:46	15.4	51.562	33.92	8.17		2.9	2.332
1347	6/20/2008 17:01	15.97	51.469	33.86	8.64		3.1	2.26
1348	6/20/2008 17:16	16.08	51.735	34.06	9.04		3.2	2.194
1349	6/20/2008 17:31	16.32	51.588	33.95	8.82		2.2	2.146

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1350	6/20/2008 17:46	16.32	51.682	34.02	8.69		2.4	2.093
1351	6/20/2008 18:01	16.65	51.517	33.91	8.75		2.1	2.031
1352	6/20/2008 18:16	16.81	51.588	33.96	8.69		2.3	1.996
1353	6/20/2008 18:31	16.95	51.624	33.99	8.83		1.8	1.972
1354	6/20/2008 18:46	17.03	51.606	33.98	8.25		1.3	1.936
1355	6/20/2008 19:01	17.05	51.632	34	7.72		0.7	1.914
1356	6/20/2008 19:16	17.13	51.626	33.99	9.25		3.5	1.908
1357	6/20/2008 19:31	17.11	51.584	33.96	9.88		3.7	1.907
1358	6/20/2008 19:46	16.85	51.609	33.98	8.98		3.2	1.918
1359	6/20/2008 20:01	16.78	51.589	33.96	9.2		3.7	1.944
1360	6/20/2008 20:16	17.04	51.623	33.99	9.21		3.5	1.974
1361	6/20/2008 20:31	16.98	51.601	33.97	9.07		3.7	2.018
1362	6/20/2008 20:46	16.67	51.521	33.91	8.98		3.9	2.066
1363	6/20/2008 21:01	16.86	51.549	33.93	8.72		4.6	2.119
1364	6/20/2008 21:16	16.51	51.56	33.94	8.6		4.1	2.173
1365	6/20/2008 21:31	15.88	51.539	33.91	8.25		4.1	2.231
1366	6/20/2008 21:46	15.4	51.517	33.88	7.94		3.8	2.297
1367	6/20/2008 22:01	15.13	51.502	33.87	7.79		3.5	2.346
1368	6/20/2008 22:16	14.11	51.513	33.85	7.14		3.4	2.415
1369	6/20/2008 22:31	13.85	51.498	33.83	7		3.2	2.475
1370	6/20/2008 22:46	13.35	51.523	33.83	6.77		3.4	2.546
1371	6/20/2008 23:01	13.04	51.536	33.82	6.6		3.1	2.611
1372	6/20/2008 23:16	12.7	51.555	33.82	6.46		3.5	2.681
1373	6/20/2008 23:31	12.26	51.552	33.8	6.24		2.9	2.755
1374	6/20/2008 23:46	11.94	51.563	33.79	6.08		3.4	2.82
1375	6/21/2008 0:01	11.63	51.57	33.78	5.94		2.4	2.881
1376	6/21/2008 0:16	11.37	51.571	33.77	5.87		2.4	2.943
1377	6/21/2008 0:31	11.19	51.605	33.78	5.78		2.1	2.999
1378	6/21/2008 0:46	10.97	51.649	33.8	5.72		1.9	3.034
1379	6/21/2008 1:01	10.87	51.656	33.8	5.61		2.4	3.071
1380	6/21/2008 1:16	10.81	51.449	33.65	5.51		1.5	3.097
1381	6/21/2008 1:31	11.14	51.2	33.48	5.63		2	3.093
1382	6/21/2008 1:46	11.24	51.241	33.52	5		7.7	3.101
1383	6/21/2008 2:01	10.93	51.256	33.51	4.91		7.2	3.068
1384	6/21/2008 2:16	11	50.572	33.02	5.38		9	3.023
1385	6/21/2008 2:31	12.34	51.573	33.82	6.11		37	2.972
1386	6/21/2008 2:46	13.46	51.394	33.74	6.28		16.6	2.892
1387	6/21/2008 3:01	13.05	51.585	33.86	6.33		17.6	2.801
1388	6/21/2008 3:16	13.41	51.554	33.85	6.36		5.2	2.72
1389	6/21/2008 3:31	13.49	51.54	33.84	6.38		5.9	2.624
1390	6/21/2008 3:46	13.92	51.544	33.86	6.58		3.9	2.517
1391	6/21/2008 4:01	14.17	51.514	33.85	6.68		10.4	2.419
1392	6/21/2008 4:16	14.46	51.543	33.88	6.63		4.9	2.312
1393	6/21/2008 4:31	14.69	51.609	33.93	6.75		5.1	2.204
1394	6/21/2008 4:46	15.1	51.811	34.09	7.05		4.6	2.095

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc	Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1395	6/21/2008 5:01	15.5	51.617	33.96	7.11		4	1.983
1396	6/21/2008 5:16	15.55	51.632	33.97	7.13		4.6	1.855
1397	6/21/2008 5:31	15.83	51.644	33.99	7.25		5.2	1.732
1398	6/21/2008 5:46	15.69	51.62	33.97	7.13		6	1.597
1399	6/21/2008 6:01	15.87	51.697	34.03	7.09		5.7	1.471
1400	6/21/2008 6:16	15.96	51.624	33.97	7.04		5.1	1.342
1401	6/21/2008 6:31	16.3	51.713	34.05	7.2		5.6	1.206
1402	6/21/2008 6:46	16.66	51.696	34.04	7.24		5.3	1.087
1403	6/21/2008 7:01	17.02	51.635	34	7.2		5.4	0.98
1404	6/21/2008 7:16	17.24	51.82	34.14	7.29		3.6	0.868
1405	6/21/2008 7:31	17.67	51.744	34.09	7.27		3.4	0.774
1406	6/21/2008 7:46	17.81	51.769	34.11	7.16		2.6	0.735
1407	6/21/2008 8:01	18.2	51.818	34.14	6.81		2	0.693
1408	6/21/2008 8:16	18.26	51.851	34.17	5.6		1	0.668
1409	6/21/2008 8:31	18.41	51.83	34.15	6.8		3.2	0.693
1410	6/21/2008 8:46	18.21	51.84	34.16	7.73		3.9	0.73
1411	6/21/2008 9:01	18.07	51.836	34.16	7.75		3.9	0.772
1412	6/21/2008 9:16	18.05	51.805	34.13	7.72		4.9	0.836
1413	6/21/2008 9:31	18.13	51.793	34.13	7.73		6.1	0.897
1414	6/21/2008 9:46	18.16	51.742	34.09	7.67		5.8	0.966
1415	6/21/2008 10:01	18.13	51.652	34.02	7.48		7.7	1.041
1416	6/21/2008 10:16	18	51.622	34	7.46		7	1.096
1417	6/21/2008 10:31	17.78	51.646	34.01	7.45		7.4	1.192
1418	6/21/2008 10:46	17.76	51.593	33.98	7.45		7.7	1.266
1419	6/21/2008 11:01	17.48	51.656	34.02	7.57		7.1	1.349
1420	6/21/2008 11:16	17.26	51.655	34.02	7.49		7.6	1.441
1421	6/21/2008 11:31	16.9	51.624	33.99	7.41		9.6	1.528
1422	6/21/2008 11:46	16.52	51.635	33.99	7.3		7.5	1.626
1423	6/21/2008 12:01	16.42	51.621	33.98	7.31		7.4	1.716
1424	6/21/2008 12:16	16.26	51.626	33.98	7.3		6.6	1.808
1425	6/21/2008 12:31	16.08	51.606	33.96	7.31		6.9	1.901
1426	6/21/2008 12:46	16.02	51.604	33.96	7.33		6	1.985
1427	6/21/2008 13:01	15.96	51.58	33.94	7.31		6.3	2.065
1428	6/21/2008 13:16	15.83	51.545	33.91	7.3		10.1	2.15
1429	6/21/2008 13:31	15.46	51.548	33.91	7.16		5.6	2.23
1430	6/21/2008 13:46	15.16	51.542	33.9	7.02		6.2	2.292
1431	6/21/2008 14:01	14.89	51.511	33.87	6.95		5	2.362
1432	6/21/2008 14:16	14.58	51.516	33.86	6.87		4.8	2.432
1433	6/21/2008 14:31	14.24	51.503	33.84	6.73		4.2	2.483
1434	6/21/2008 14:46	13.73	51.504	33.83	6.58		5.6	2.534
1435	6/21/2008 15:01	13.02	51.476	33.78	6.3		2.4	2.575
1436	6/21/2008 15:16	12.94	51.046	33.46	6.3			2.616
1437	6/21/2008 15:31	12.85	51.52	33.8	6.17		17.7	2.629
1438	6/21/2008 15:46	13.34	51.289	33.65	5.95		1.3	2.631
1439	6/21/2008 16:01	13.09	51.551	33.84	4.97			2.628

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1440	6/21/2008 16:16	12.99	51.016	33.44	5.47			2.601
1441	6/21/2008 16:31	13.35	51.373	33.72	5.98		2.1	2.56
1442	6/21/2008 16:46	14.78	51.369	33.76	7.02		5.8	2.505
1443	6/21/2008 17:01	15.21	51.635	33.97	7.63		3.8	2.44
1444	6/21/2008 17:16	15.76	51.472	33.86	8.07		15	2.376
1445	6/21/2008 17:31	15.78	51.557	33.92	7.96		3.8	2.319
1446	6/21/2008 17:46	16.12	51.411	33.82	7.94		3.3	2.247
1447	6/21/2008 18:01	16.33	51.628	33.98	8.52		2.7	2.188
1448	6/21/2008 18:16	16.36	51.653	34	7.97		3.1	2.139
1449	6/21/2008 18:31	16.7	51.575	33.95	8.36		3	2.087
1450	6/21/2008 18:46	16.81	51.574	33.95	8.03		2.9	2.037
1451	6/21/2008 19:01	16.98	51.617	33.99	8.02		2.6	2.003
1452	6/21/2008 19:16	17.09	51.597	33.97	7.88		2.3	1.976
1453	6/21/2008 19:31	17.18	51.566	33.95	7.65		1.6	1.943
1454	6/21/2008 19:46	17.22	51.541	33.93	6.57		0.7	1.923
1455	6/21/2008 20:01	17.26	51.567	33.95	6.41		0.5	1.912
1456	6/21/2008 20:16	17.26	51.593	33.97	9.06		3.3	1.922
1457	6/21/2008 20:31	17.13	51.589	33.97	9.21		3.7	1.923
1458	6/21/2008 20:46	17.17	51.574	33.96	8.82		3.4	1.944
1459	6/21/2008 21:01	17.09	51.585	33.96	8.57		4	1.975
1460	6/21/2008 21:16	17.08	51.583	33.96	8.48		7.4	2.017
1461	6/21/2008 21:31	16.97	51.584	33.96	8.35		6.3	2.062
1462	6/21/2008 21:46	16.82	50.966	33.5	8.29			2.118
1463	6/21/2008 22:01	16.84	51.608	33.98	8.17			2.166
1464	6/21/2008 22:16	16.56	50.078	32.85	8.17			2.232
1465	6/21/2008 22:31	16.09	51.36	33.78	7.92			2.294
1466	6/21/2008 22:46	15.4	51.543	33.9	7.57			2.346
1467	6/21/2008 23:01	14.73	50.403	33.05	7.29			2.41
1468	6/21/2008 23:16	14.26	51.553	33.88	7.04		5.3	2.475
1469	6/21/2008 23:31	13.93	51.535	33.86	6.87		5.4	2.544
1470	6/21/2008 23:46	13.54	51.522	33.83	6.67		4.6	2.594
1471	6/22/2008 0:01	13.25	51.563	33.85	6.6		4.2	2.663
1472	6/22/2008 0:16	12.88	51.601	33.86	6.5		4.1	2.732
1473	6/22/2008 0:31	12.36	51.559	33.81	6.26		4.2	2.799
1474	6/22/2008 0:46	12.08	51.572	33.81	6.14		3.4	2.853
1475	6/22/2008 1:01	11.95	51.559	33.79	6.13		4.2	2.909
1476	6/22/2008 1:16	11.71	51.607	33.81	6.1		2.4	2.967
1477	6/22/2008 1:31	11.55	51.419	33.67	6.04		2.6	3.002
1478	6/22/2008 1:46	11.42	51.633	33.82	5.95		2.2	3.03
1479	6/22/2008 2:01	11.32	51.625	33.8	5.6		1.1	3.052
1480	6/22/2008 2:16	11.53	51.661	33.84	5.8		2.2	3.058
1481	6/22/2008 2:31	11.48	51.675	33.85	5.06		0.8	3.037
1482	6/22/2008 2:46	11.4	51.661	33.83	5.3		1.1	3.005
1483	6/22/2008 3:01	11.54	51.548	33.76	5.51		1.4	2.961
1484	6/22/2008 3:16	12.96	51.343	33.68	6.06		2	2.894

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1485	6/22/2008 3:31	13.29	51.579	33.87	6.19		2.6	2.823
1486	6/22/2008 3:46	13.57	51.573	33.87	6.19		2.6	2.741
1487	6/22/2008 4:01	13.62	51.709	33.97	6.17		2.5	2.644
1488	6/22/2008 4:16	14	51.499	33.83	6.21		2.6	2.55
1489	6/22/2008 4:31	14.32	51.558	33.89	6.25		2.7	2.453
1490	6/22/2008 4:46	14.67	51.479	33.84	6.2		2.8	2.351
1491	6/22/2008 5:01	14.94	51.642	33.96	6.29		6.8	2.249
1492	6/22/2008 5:16	15.21	51.492	33.86	6.47		3.8	2.136
1493	6/22/2008 5:31	15.39	51.437	33.82	6.34		5.1	2.027
1494	6/22/2008 5:46	15.32	51.776	34.07	6.6		3.5	1.906
1495	6/22/2008 6:01	15.53	51.695	34.02	6.58		3.7	1.8
1496	6/22/2008 6:16	15.43	51.722	34.03	6.39		4.5	1.67
1497	6/22/2008 6:31	15.56	51.685	34.01	6.45		4	1.536
1498	6/22/2008 6:46	15.88	51.654	33.99	6.47		4.2	1.412
1499	6/22/2008 7:01	16.12	51.699	34.03	6.64		4.3	1.288
1500	6/22/2008 7:16	16.13	51.754	34.07	6.59		4.6	1.169
1501	6/22/2008 7:31	16.45	51.641	34	6.52		4.3	1.052
1502	6/22/2008 7:46	16.7	51.708	34.05	6.49		4	0.954
1503	6/22/2008 8:01	16.9	51.717	34.06	6.34		2.1	0.88
1504	6/22/2008 8:16	17.12	51.755	34.09	6.2		2.1	0.795
1505	6/22/2008 8:31	17.44	51.783	34.11	6.23		1.7	0.747
1506	6/22/2008 8:46	17.39	51.857	34.17	5.26		2.4	0.75
1507	6/22/2008 9:01	17.21	51.793	34.12	6.9		4.2	0.747
1508	6/22/2008 9:16	17.7	51.745	34.09	6.94		3.8	0.77
1509	6/22/2008 9:31	17.89	51.893	34.2	6.97		2.1	0.821
1510	6/22/2008 9:46	17.59	51.921	34.22	7.12		3.6	0.884
1511	6/22/2008 10:01	17.74	51.887	34.19	7.14		4.6	0.937
1512	6/22/2008 10:16	17.74	51.88	34.19	7.11		4.8	0.993
1513	6/22/2008 10:31	17.66	51.878	34.18	7.13		5	1.066
1514	6/22/2008 10:46	17.69	51.714	34.06	7.08		6.4	1.128
1515	6/22/2008 11:01	17.6	51.741	34.08	6.99		6.5	1.192
1516	6/22/2008 11:16	17.49	51.765	34.1	7		6.2	1.266
1517	6/22/2008 11:31	17.48	51.705	34.06	7.03		6.8	1.349
1518	6/22/2008 11:46	17.24	51.72	34.06	7.07		7.3	1.44
1519	6/22/2008 12:01	17.04	51.718	34.06	7.02		6.8	1.526
1520	6/22/2008 12:16	16.83	51.706	34.05	7		8.2	1.616
1521	6/22/2008 12:31	16.62	51.678	34.03	7.01		9.1	1.712
1522	6/22/2008 12:46	16.15	51.649	34	7.03		7.8	1.819
1523	6/22/2008 13:01	15.95	51.644	33.99	6.99		7	1.896
1524	6/22/2008 13:16	15.91	51.6	33.96	7		6	1.982
1525	6/22/2008 13:31	15.89	51.637	33.98	7.02		6.5	2.076
1526	6/22/2008 13:46	15.71	51.387	33.79	7		6.5	2.153
1527	6/22/2008 14:01	15.53	51.476	33.86	6.96		7.9	2.226
1528	6/22/2008 14:16	15.28	51.597	33.94	6.86		6.5	2.295
1529	6/22/2008 14:31	14.84	51.536	33.88	6.79		6.3	2.364

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1530	6/22/2008 14:46	14.55	51.519	33.86	6.74		5.1	2.421
1531	6/22/2008 15:01	14.36	51.491	33.84	6.65		4.8	2.478
1532	6/22/2008 15:16	13.82	51.456	33.79	6.57		4.4	2.535
1533	6/22/2008 15:31	13.26	51.466	33.78	6.42		5	2.572
1534	6/22/2008 15:46	13.01	51.502	33.8	6.3		4.1	2.612
1535	6/22/2008 16:01	12.77	51.574	33.84	6.21		3.4	2.64
1536	6/22/2008 16:16	12.68	51.564	33.83	5.96		1.5	2.649
1537	6/22/2008 16:31	13.1	51.55	33.84	5.82		2.6	2.652
1538	6/22/2008 16:46	12.94	51.599	33.86	5.81		15	2.63
1539	6/22/2008 17:01	13.33	51.219	33.6	5.94		2.3	2.602
1540	6/22/2008 17:16	14.03	51.192	33.61	6.27		2.8	2.545
1541	6/22/2008 17:31	15.23	51.352	33.76	7.59		4.4	2.485
1542	6/22/2008 17:46	15.45	51.482	33.86	7.91		3.2	2.432
1543	6/22/2008 18:01	15.49	51.607	33.95	7.95		4	2.368
1544	6/22/2008 18:16	15.56	51.662	33.99	7.89		3.7	2.293
1545	6/22/2008 18:31	15.96	51.478	33.87	7.98		3.8	2.229
1546	6/22/2008 18:46	15.84	51.653	33.99	7.72		3.1	2.178
1547	6/22/2008 19:01	16.11	51.597	33.96	7.91		3.5	2.113
1548	6/22/2008 19:16	16.37	51.62	33.98	8.17		3.7	2.06
1549	6/22/2008 19:31	16.39	51.656	34.01	7.62		2	2.013
1550	6/22/2008 19:46	16.48	51.571	33.94	7.95		2.4	1.964
1551	6/22/2008 20:01	16.49	51.648	34	7.53		3.1	1.926
1552	6/22/2008 20:16	16.45	51.664	34.01	6.26		2.9	1.887
1553	6/22/2008 20:31	16.48	51.671	34.02	6.16		7.2	1.868
1554	6/22/2008 20:46	16.53	51.676	34.02	5.04		11.5	1.852
1555	6/22/2008 21:01	16.39	51.724	34.06	8.41		6.2	1.851
1556	6/22/2008 21:16	16.43	51.661	34.01	8.3		4.4	1.861
1557	6/22/2008 21:31	16.79	51.643	34	8.03		3.6	1.878
1558	6/22/2008 21:46	16.65	51.738	34.07	8.08		3.3	1.907
1559	6/22/2008 22:01	16.7	51.707	34.05	7.81		3.4	1.947
1560	6/22/2008 22:16	16.6	51.69	34.03	7.81		3.7	2.002
1561	6/22/2008 22:31	16.4	51.676	34.02	7.77		4.5	2.053
1562	6/22/2008 22:46	16.33	51.651	34	7.65		4.3	2.103
1563	6/22/2008 23:01	16.33	51.635	33.99	7.62		5.2	2.165
1564	6/22/2008 23:16	16.04	51.644	33.99	7.64		4.7	2.223
1565	6/22/2008 23:31	15.88	51.604	33.96	7.58		4.4	2.279
1566	6/22/2008 23:46	15.2	51.586	33.93	7.34		3.7	2.338
1567	6/23/2008 0:01	14.66	51.572	33.91	7.12		3.7	2.398
1568	6/23/2008 0:16	14.23	51.566	33.89	6.94		3.5	2.452
1569	6/23/2008 0:31	13.76	51.556	33.87	6.78		3.1	2.512
1570	6/23/2008 0:46	13.35	51.547	33.84	6.67		3.4	2.572
1571	6/23/2008 1:01	13.18	51.564	33.85	6.6		2.6	2.621
1572	6/23/2008 1:16	13	51.565	33.84	6.55		2.4	2.69
1573	6/23/2008 1:31	12.35	51.525	33.78	6.43		2.6	2.734
1574	6/23/2008 1:46	12.27	51.572	33.82	6.2		2.2	2.784

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1575	6/23/2008 2:01	12.16	51.553	33.8	6.31		4.6	2.829
1576	6/23/2008 2:16	12.07	51.593	33.82	6.19		8.5	2.856
1577	6/23/2008 2:31	12.05	51.57	33.8	6.19		22.8	2.888
1578	6/23/2008 2:46	11.98	51.604	33.82	6		19.1	2.903
1579	6/23/2008 3:01	12.14	51.596	33.83	5.89		18.1	2.897
1580	6/23/2008 3:16	12.04	51.741	33.93	4.99		21.3	2.891
1581	6/23/2008 3:31	11.94	51.668	33.87	5.54		28.6	2.861
1582	6/23/2008 3:46	12.05	51.589	33.82	5.74		11.8	2.813
1583	6/23/2008 4:01	12.45	51.515	33.78	6.01		19.3	2.755
1584	6/23/2008 4:16	13.52	51.439	33.77	5.92		10.9	2.69
1585	6/23/2008 4:31	13.55	51.588	33.88	6.06		36.9	2.603
1586	6/23/2008 4:46	13.91	51.575	33.88	6.19		25.6	2.517
1587	6/23/2008 5:01	14.12	51.53	33.86	6.06		29.6	2.427
1588	6/23/2008 5:16	14.54	51.482	33.84	6.1		20.1	2.332
1589	6/23/2008 5:31	14.73	51.508	33.86	5.94		21.9	2.24
1590	6/23/2008 5:46	14.95	51.632	33.96	6.01		11.3	2.149
1591	6/23/2008 6:01	15.18	51.466	33.84	6.05		11.4	2.036
1592	6/23/2008 6:16	15.26	51.692	34.01	6.17		9.8	1.942
1593	6/23/2008 6:31	15.24	51.649	33.98	6.02		11.6	1.829
1594	6/23/2008 6:46	15.48	51.559	33.92	6.02		6.7	1.713
1595	6/23/2008 7:01	15.4	51.549	33.91	6.05		3.6	1.601
1596	6/23/2008 7:16	15.48	51.198	33.65	6.02		3	1.48
1597	6/23/2008 7:31	15.63	51.622	33.97	6.06		2.9	1.364
1598	6/23/2008 7:46	15.78	51.734	34.05	6.1		2.1	1.254
1599	6/23/2008 8:01	15.92	50.497	33.15	6.03		2.4	1.148
1600	6/23/2008 8:16	16.13	50.752	33.34	6.09		2.3	1.046
1601	6/23/2008 8:31	16.28	50.291	33	5.99		1.8	0.97
1602	6/23/2008 8:46	16.4	50.738	33.33	5.8		2	0.899
1603	6/23/2008 9:01	16.48	50.996	33.52	5.4		2.3	0.848
1604	6/23/2008 9:16	16.5	51.818	34.13	4.3		0.7	0.818
1605	6/23/2008 9:31	16.45	51.026	33.54	3.76		3.6	0.817
1606	6/23/2008 9:46	16.53	51.844	34.15	6.68		5.4	0.832
1607	6/23/2008 10:01	16.48	51.833	34.14	6.68		4.2	0.855
1608	6/23/2008 10:16	16.5	51.375	33.8	6.73		4.5	0.903
1609	6/23/2008 10:31	16.68	51.857	34.16	6.74		5.4	0.97
1610	6/23/2008 10:46	16.79	51.892	34.19	6.82		5	1.022
1611	6/23/2008 11:01	16.73	51.889	34.18	6.76		5.6	1.083
1612	6/23/2008 11:16	16.69	51.834	34.14	6.77		6.3	1.166
1613	6/23/2008 11:31	16.67	51.692	34.04	6.82		6.8	1.23
1614	6/23/2008 11:46	16.64	51.691	34.04	6.72		7.4	1.298
1615	6/23/2008 12:01	16.54	51.74	34.07	6.74		6.7	1.383
1616	6/23/2008 12:16	16.4	51.77	34.09	6.81		7.3	1.476
1617	6/23/2008 12:31	16.35	51.697	34.04	6.81		7.7	1.551
1618	6/23/2008 12:46	16.29	51.561	33.93	6.75		7.8	1.642
1619	6/23/2008 13:01	16.02	51.675	34.01	6.72		9.8	1.736

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1620	6/23/2008 13:16	15.74	51.656	33.99	6.76		7.7	1.829
1621	6/23/2008 13:31	15.59	51.644	33.98	6.74		7	1.915
1622	6/23/2008 13:46	15.51	51.575	33.93	6.74		6.5	2.007
1623	6/23/2008 14:01	15.38	51.371	33.78	6.72		6.5	2.091
1624	6/23/2008 14:16	15.26	51.647	33.98	6.71		6.7	2.173
1625	6/23/2008 14:31	15.04	51.623	33.95	6.68		6.7	2.248
1626	6/23/2008 14:46	14.81	51.306	33.71	6.7		6.8	2.317
1627	6/23/2008 15:01	14.31	51.288	33.69	6.68		7.1	2.395
1628	6/23/2008 15:16	14.06	51.192	33.61	6.69		6.3	2.452
1629	6/23/2008 15:31	13.72	51.319	33.69	6.67		6.1	2.513
1630	6/23/2008 15:46	13.23	51.477	33.79	6.64		4.9	2.567
1631	6/23/2008 16:01	12.82	51.477	33.77	6.67		3.8	2.611
1632	6/23/2008 16:16	12.59	51.459	33.75	6.62		3.5	2.653
1633	6/23/2008 16:31	12.41	51.501	33.77	6.55		2.7	2.681
1634	6/23/2008 16:46	12.25	51.279	33.6	6.24		1.7	2.7
1635	6/23/2008 17:01	12.72	51.332	33.66	5.12		1.8	2.703
1636	6/23/2008 17:16	12.5	51.563	33.82	5.98		1.5	2.691
1637	6/23/2008 17:31	12.43	51.536	33.8	6.11		1.2	2.659
1638	6/23/2008 17:46	12.73	51.472	33.76	6.27		1.4	2.613
1639	6/23/2008 18:01	14.28	50.836	33.35	6.93		2.8	2.56
1640	6/23/2008 18:16	14.5	51.556	33.89	7.4		3	2.491
1641	6/23/2008 18:31	14.61	51.619	33.94	7.49		2.7	2.423
1642	6/23/2008 18:46	14.86	51.498	33.86	7.11		3.1	2.362
1643	6/23/2008 19:01	15.08	51.464	33.84	7.15		3.1	2.288
1644	6/23/2008 19:16	15.32	51.538	33.9	7.49		2.3	2.22
1645	6/23/2008 19:31	15.48	51.554	33.91	7.53		2.6	2.172
1646	6/23/2008 19:46	15.63	51.536	33.9	7.3		2	2.102
1647	6/23/2008 20:01	15.67	51.597	33.95	7.11		3.7	2.047
1648	6/23/2008 20:16	15.75	51.655	33.99	6.99		1.4	2.004
1649	6/23/2008 20:31	15.71	51.678	34.01	7.21		1.5	1.939
1650	6/23/2008 20:46	15.7	51.711	34.03	7.9		4.8	1.896
1651	6/23/2008 21:01	15.82	50.631	33.24	8.25			1.866
1652	6/23/2008 21:16	16.09	51.723	34.05	7.85			1.827
1653	6/23/2008 21:31	16.16	51.704	34.04	7.7			1.802
1654	6/23/2008 21:46	16.49	51.653	34	7.12			1.786
1655	6/23/2008 22:01	16.51	51.737	34.07	5.11		0.9	1.799
1656	6/23/2008 22:16	16.7	51.774	34.1	8.03		3.4	1.802
1657	6/23/2008 22:31	16.57	51.747	34.08	8.11		3.3	1.812
1658	6/23/2008 22:46	16.42	51.73	34.06	8.23		4.9	1.847
1659	6/23/2008 23:01	16.38	51.552	33.93	7.98		4.3	1.896
1660	6/23/2008 23:16	16.3	51.576	33.94	7.88		4.3	1.941
1661	6/23/2008 23:31	16.22	51.636	33.99	7.77		4.2	1.973
1662	6/23/2008 23:46	16.33	51.542	33.92	7.68		4.6	2.04
1663	6/24/2008 0:01	16.24	51.657	34	7.58		4.7	2.095
1664	6/24/2008 0:16	15.97	51.384	33.8	7.54		4.3	2.142

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1665	6/24/2008 0:31	15.77	51.406	33.81	7.53		4.2	2.203
1666	6/24/2008 0:46	15.32	51.342	33.75	7.43		3.7	2.251
1667	6/24/2008 1:01	14.92	51.43	33.81	7.26		3.1	2.308
1668	6/24/2008 1:16	14.45	51.391	33.77	7.1		3.2	2.37
1669	6/24/2008 1:31	13.96	51.346	33.72	6.94		2.6	2.411
1670	6/24/2008 1:46	13.63	51.223	33.62	6.84		2.4	2.467
1671	6/24/2008 2:01	13.42	51.272	33.64	6.8		4.4	2.527
1672	6/24/2008 2:16	13.33	50.303	32.93	6.77		2.7	2.571
1673	6/24/2008 2:31	13.19	50.332	32.95	6.72		3	2.623
1674	6/24/2008 2:46	12.75	50.43	33	6.62		2.6	2.667
1675	6/24/2008 3:01	12.56	51.385	33.69	6.48		4.2	2.702
1676	6/24/2008 3:16	12.44	50.331	32.92	6.37		2.4	2.733
1677	6/24/2008 3:31	12.22	50.375	32.94	6.36		2.4	2.761
1678	6/24/2008 3:46	12.16	50.34	32.91	5.25		1	2.767
1679	6/24/2008 4:01	12.48	50.285	32.89	5.64		1.6	2.763
1680	6/24/2008 4:16	12.27	50.285	32.88	6.12		1.6	2.746
1681	6/24/2008 4:31	12.32	50.183	32.8	6.21		2	2.714
1682	6/24/2008 4:46	13.03	50.004	32.7	6.3		2.4	2.669
1683	6/24/2008 5:01	13.9	51.262	33.65	6.3		3.4	2.599
1684	6/24/2008 5:16	13.95	51.428	33.78	6.39		11.5	2.526
1685	6/24/2008 5:31	13.8	51.708	33.98	6.22		3.4	2.459
1686	6/24/2008 5:46	14.21	51.64	33.94	6.38		7.1	2.372
1687	6/24/2008 6:01	14.38	51.597	33.92	6.29		5.8	2.277
1688	6/24/2008 6:16	14.58	51.72	34.01	6.32		5.4	2.187
1689	6/24/2008 6:31	14.87	51.674	33.99	6.25		4.2	2.098
1690	6/24/2008 6:46	15.03	51.691	34	6.34		4.9	2.001
1691	6/24/2008 7:01	14.94	51.696	34	6.24		6.2	1.902
1692	6/24/2008 7:16	15.13	51.718	34.03	6.5		5.4	1.8
1693	6/24/2008 7:31	15.02	51.72	34.02	6.49		5	1.692
1694	6/24/2008 7:46	15.25	51.646	33.98	6.58		3.9	1.599
1695	6/24/2008 8:01	15.23	51.678	34	6.63		3.8	1.495
1696	6/24/2008 8:16	15.24	51.725	34.03	6.74		3.7	1.378
1697	6/24/2008 8:31	15.48	51.743	34.05	6.6		2.6	1.294
1698	6/24/2008 8:46	15.5	51.755	34.06	6.56		3.1	1.201
1699	6/24/2008 9:01	15.62	51.674	34	6.11		1.6	1.132
1700	6/24/2008 9:16	15.75	51.754	34.07	5.79		1.5	1.051
1701	6/24/2008 9:31	15.96	51.757	34.07	6.19		1.8	0.997
1702	6/24/2008 9:46	16.02	51.804	34.11	5.4		1.3	0.985
1703	6/24/2008 10:01	15.91	51.861	34.15	5.48		4	0.965
1704	6/24/2008 10:16	16.05	51.782	34.09	6.65		3.7	0.958
1705	6/24/2008 10:31	16.2	51.845	34.14	6.96		3.8	0.988
1706	6/24/2008 10:46	16.41	51.854	34.15	6.87		4.8	1.025
1707	6/24/2008 11:01	16.32	51.833	34.13	6.85		4.8	1.059
1708	6/24/2008 11:16	16.34	51.86	34.16	6.92		4.6	1.114
1709	6/24/2008 11:31	16.4	51.865	34.16	6.81		5.4	1.178

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1710	6/24/2008 11:46	16.36	51.774	34.09	6.95		5	1.246
1711	6/24/2008 12:01	16.51	51.693	34.03	6.9		5.6	1.308
1712	6/24/2008 12:16	16.36	51.765	34.09	6.81		6.7	1.385
1713	6/24/2008 12:31	16.23	51.531	33.91	6.85		4.6	1.446
1714	6/24/2008 12:46	16.11	50.613	33.23	6.86		5.5	1.53
1715	6/24/2008 13:01	16.03	51.725	34.05	6.8		5.2	1.614
1716	6/24/2008 13:16	15.95	51.772	34.08	6.8		5.8	1.698
1717	6/24/2008 13:31	15.89	50.755	33.33	6.88		17.1	1.787
1718	6/24/2008 13:46	15.62	51.681	34.01	6.86		7.6	1.869
1719	6/24/2008 14:01	15.51	51.635	33.97	6.87		7.2	1.951
1720	6/24/2008 14:16	15.31	51.668	33.99	6.9		5.8	2.04
1721	6/24/2008 14:31	15.12	51.648	33.97	6.86		6.1	2.124
1722	6/24/2008 14:46	15.05	51.639	33.96	6.85		5.7	2.196
1723	6/24/2008 15:01	15	51.351	33.75	6.87		16.2	2.271
1724	6/24/2008 15:16	14.83	51.615	33.94	6.85		7.1	2.351
1725	6/24/2008 15:31	14.42	51.519	33.86	6.78		8.5	2.416
1726	6/24/2008 15:46	14.1	51.468	33.81	6.8		31.9	2.476
1727	6/24/2008 16:01	13.93	51.488	33.82	6.81		7.6	2.545
1728	6/24/2008 16:16	13.5	51.478	33.8	6.79		6.1	2.605
1729	6/24/2008 16:31	13.02	51.492	33.79	6.79		25.4	2.648
1730	6/24/2008 16:46	12.75	51.506	33.79	6.71		5.3	2.708
1731	6/24/2008 17:01	12.5	51.482	33.76	6.66		5	2.735
1732	6/24/2008 17:16	12.45	51.502	33.77	6.5		5.6	2.759
1733	6/24/2008 17:31	13	51.541	33.82	6.73		2.7	2.771
1734	6/24/2008 17:46	12.65	51.565	33.83	5.55		2.1	2.77
1735	6/24/2008 18:01	12.52	51.461	33.75	6.3		1.8	2.747
1736	6/24/2008 18:16	12.66	51.469	33.76	6.25		1.3	2.698
1737	6/24/2008 18:31	13.42	51.262	33.64	6.54		3.1	2.643
1738	6/24/2008 18:46	14.7	51.331	33.73	7.44		3.2	2.591
1739	6/24/2008 19:01	14.89	51.559	33.9	7.53		2.9	2.518
1740	6/24/2008 19:16	15.29	51.527	33.89	7.7		4	2.438
1741	6/24/2008 19:31	15.22	51.644	33.97	7.67		2.9	2.368
1742	6/24/2008 19:46	15.64	51.56	33.92	7.72		3.1	2.296
1743	6/24/2008 20:01	15.88	51.587	33.95	7.58		2.6	2.233
1744	6/24/2008 20:16	16.1	51.608	33.96	7.69		2.7	2.16
1745	6/24/2008 20:31	16.23	51.653	34	7.83		3.1	2.089
1746	6/24/2008 20:46	16.15	51.66	34	7.5		1.7	2.031
1747	6/24/2008 21:01	16.17	51.669	34.01	7.65		2.4	1.974
1748	6/24/2008 21:16	16.02	51.668	34.01	7.7		2.9	1.911
1749	6/24/2008 21:31	16.11	51.635	33.98	7.58		1.9	1.858
1750	6/24/2008 21:46	16.42	51.813	34.12	7.58		2.5	1.805
1751	6/24/2008 22:01	16.68	51.442	33.85	7.73		3.2	1.761
1752	6/24/2008 22:16	16.98	51.461	33.87	7.48		2.5	1.728
1753	6/24/2008 22:31	17.12	51.739	34.08	7.18		0.5	1.712
1754	6/24/2008 22:46	17.23	51.811	34.13	6.81		1.6	1.695

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1755	6/24/2008 23:01	17.25	51.817	34.14	5.46		0.5	1.691
1756	6/24/2008 23:16	17.38	51.877	34.18	7.66		4.4	1.707
1757	6/24/2008 23:31	17.26	51.835	34.15	8.07		3.5	1.723
1758	6/24/2008 23:46	17.22	51.863	34.17	8.13		5.4	1.751
1759	6/25/2008 0:01	17.18	51.868	34.17	8.05		5.2	1.789
1760	6/25/2008 0:16	17.14	51.827	34.14	8.07		4.4	1.835
1761	6/25/2008 0:31	17.04	51.824	34.14	8.03		5	1.885
1762	6/25/2008 0:46	17.04	51.766	34.1	7.92		5.7	1.928
1763	6/25/2008 1:01	17.07	51.727	34.07	7.75		5.3	1.984
1764	6/25/2008 1:16	16.77	51.726	34.06	7.84		6.8	2.04
1765	6/25/2008 1:31	16.53	51.692	34.03	7.79		6.5	2.082
1766	6/25/2008 1:46	16.36	51.739	34.07	7.75		6.3	2.134
1767	6/25/2008 2:01	15.84	51.588	33.95	7.56		5.5	2.188
1768	6/25/2008 2:16	15.49	51.688	34.01	7.41		4.1	2.232
1769	6/25/2008 2:31	15	51.635	33.96	7.25		3.7	2.288
1770	6/25/2008 2:46	14.73	51.607	33.93	7.13		3.1	2.327
1771	6/25/2008 3:01	14.49	51.547	33.88	7.09		3.2	2.378
1772	6/25/2008 3:16	14.24	51.577	33.9	6.95		2.7	2.421
1773	6/25/2008 3:31	14.08	51.534	33.86	6.93		2.6	2.464
1774	6/25/2008 3:46	14.02	51.518	33.85	6.81		2.3	2.497
1775	6/25/2008 4:01	13.9	51.563	33.87	6.82		2	2.532
1776	6/25/2008 4:16	13.76	51.513	33.83	6.74		2.1	2.562
1777	6/25/2008 4:31	13.57	51.617	33.9	6.45		1.5	2.571
1778	6/25/2008 4:46	13.81	51.24	33.64	5.99		1.5	2.58
1779	6/25/2008 5:01	13.6	51.563	33.86	6.03		1.8	2.584
1780	6/25/2008 5:16	13.61	51.567	33.87	5.87		1.3	2.573
1781	6/25/2008 5:31	13.5	51.545	33.85	5.97		1	2.539
1782	6/25/2008 5:46	13.77	51.527	33.84	6.37		2.5	2.494
1783	6/25/2008 6:01	14.36	51.589	33.91	6.28		2	2.443
1784	6/25/2008 6:16	14.45	51.6	33.92	6.35		2.1	2.378
1785	6/25/2008 6:31	14.77	51.518	33.87	6.28		3.8	2.287
1786	6/25/2008 6:46	15.02	51.658	33.98	6.19		32.7	2.221
1787	6/25/2008 7:01	15.31	51.647	33.98	6.11		5.6	2.135
1788	6/25/2008 7:16	15.51	51.672	34	6.28		5.4	2.053
1789	6/25/2008 7:31	15.65	51.617	33.96	6.22		3.9	1.957
1790	6/25/2008 7:46	15.77	51.635	33.98	6.09			1.882
1791	6/25/2008 8:01	15.48	51.745	34.05	6.24		3.8	1.79
1792	6/25/2008 8:16	15.51	51.713	34.03	6.32		3.9	1.708
1793	6/25/2008 8:31	15.82	51.726	34.05	6.6		4.5	1.61
1794	6/25/2008 8:46	15.89	51.748	34.06	6.66		3.7	1.523
1795	6/25/2008 9:01	15.96	51.755	34.07	6.79		3.6	1.445
1796	6/25/2008 9:16	16.05	51.734	34.06	6.75		3.2	1.378
1797	6/25/2008 9:31	16.04	51.753	34.07	6.86		3.8	1.293
1798	6/25/2008 9:46	16.06	51.756	34.07	6.44		2.3	1.23
1799	6/25/2008 10:01	16.17	51.784	34.1	6.31		2.5	1.186

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1800	6/25/2008 10:16	16.23	51.776	34.09	4.89		0.5	1.151
1801	6/25/2008 10:31	16.27	51.785	34.1	3.72		0.5	1.12
1802	6/25/2008 10:46	16.34	51.706	34.04	2.79		0.4	1.108
1803	6/25/2008 11:01	16.46	51.654	34	6.55		4.3	1.127
1804	6/25/2008 11:16	16.74	51.782	34.1	6.66		4.9	1.149
1805	6/25/2008 11:31	16.61	51.8	34.12	6.94		5	1.173
1806	6/25/2008 11:46	16.7	51.863	34.16	6.85		5.2	1.201
1807	6/25/2008 12:01	16.66	51.869	34.17	6.94		5.4	1.273
1808	6/25/2008 12:16	16.67	51.879	34.17	6.87		6	1.332
1809	6/25/2008 12:31	16.61	51.865	34.16	6.88		6	1.383
1810	6/25/2008 12:46	16.81	51.787	34.11	6.88		6.3	1.451
1811	6/25/2008 13:01	16.76	51.818	34.13	6.83		7.6	1.527
1812	6/25/2008 13:16	16.6	51.811	34.12	6.88		7	1.606
1813	6/25/2008 13:31	16.53	51.815	34.12	6.91		6.8	1.67
1814	6/25/2008 13:46	16.49	51.793	34.11	6.89		6.4	1.753
1815	6/25/2008 14:01	16.41	51.777	34.09	6.86		7.4	1.836
1816	6/25/2008 14:16	16.13	51.747	34.07	6.85		7.3	1.912
1817	6/25/2008 14:31	15.79	51.68	34.01	6.88		6.2	1.994
1818	6/25/2008 14:46	15.6	51.646	33.98	6.96			2.071
1819	6/25/2008 15:01	15.43	51.57	33.92	6.89		5.9	2.156
1820	6/25/2008 15:16	15.25	51.526	33.89	6.93		5.6	2.233
1821	6/25/2008 15:31	15.12	51.524	33.88	6.89		5.4	2.303
	Mean	14.55	51.46	33.81	7.25		6.19	2.01
	Minimum	10.39	50.00	32.70	2.79		0.40	0.35
	Maximum	18.41	52.00	34.24	9.88		37.00	3.25
	Standard Dev.	1.53	0.23	0.19	0.75		3.62	0.62

pH data discarded due to probe function decline

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					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	6/25/2008 15:46	15.06	50.984	33.48	6.36	7.83		2.245
1	6/25/2008 16:01	14.77	51.543	33.89	6.69	7.86	5.9	2.435
2	6/25/2008 16:16	14.35	51.343	33.73	6.47	7.85	6.2	2.502
3	6/25/2008 16:31	14.1	50.255	32.92	6.45	7.85	5.6	2.573
4	6/25/2008 16:46	13.73	50.4	33.02	6.42	7.83	5.2	2.634
5	6/25/2008 17:01	13.29	51.297	33.66	6.31	7.82	4.5	2.692
6	6/25/2008 17:16	12.87	50.464	33.03	6.28	7.81	2.8	2.748
7	6/25/2008 17:31	12.59	50.523	33.06	6.31	7.81	2.3	2.787
8	6/25/2008 17:46	12.48	51.48	33.76	6.28	7.81	1.8	2.819
9	6/25/2008 18:01	12.44	50.576	33.1	6.19	7.79	1.5	2.85
10	6/25/2008 18:16	12.46	50.699	33.19	5.65	7.76	1	2.842
11	6/25/2008 18:31	12.48	50.667	33.16	5.61	7.74	1.6	2.831
12	6/25/2008 18:46	12.53	51.466	33.75	5.97	7.76	1.5	2.796
13	6/25/2008 19:01	12.93	50.741	33.24	6.24	7.78	2.1	2.749
14	6/25/2008 19:16	14.58	50.873	33.39	7.27	7.92	2.9	2.688
15	6/25/2008 19:31	14.52	51.509	33.85	7.02	7.89	3.2	2.618
16	6/25/2008 19:46	14.79	50.979	33.47	7.18	7.9	3.9	2.534
17	6/25/2008 20:01	14.75	50.627	33.21	7.09	7.89	4	2.457
18	6/25/2008 20:16	14.82	51.339	33.74	6.98	7.94	3.4	2.372
19	6/25/2008 20:31	15.14	50.741	33.31	7.27	7.91	4.2	2.293
20	6/25/2008 20:46	15.35	50.853	33.4	7.4	7.92	4.7	2.221
21	6/25/2008 21:01	15.5	50.83	33.38	7.42	7.93	4.9	2.143
22	6/25/2008 21:16	15.56	50.953	33.47	7.28	7.93	4.3	2.067
23	6/25/2008 21:31	15.35	50.942	33.46	7.2	7.92	4	1.991
24	6/25/2008 21:46	15.56	51.071	33.56	6.98	7.91	3.1	1.93
25	6/25/2008 22:01	15.52	50.901	33.43	7.02	8.05	4.2	1.852
26	6/25/2008 22:16	15.58	51.517	33.89	6.86	7.89	2.9	1.788
27	6/25/2008 22:31	15.73	51.08	33.57	6.79	7.89	2.5	1.728
28	6/25/2008 22:46	15.81	50.981	33.5	6.87	7.89	3.2	1.661
29	6/25/2008 23:01	15.95	51.707	34.03	6.79	7.9	3.2	1.612
30	6/25/2008 23:16	16.25	51.693	34.03	6.62	7.9	2.1	1.57
31	6/25/2008 23:31	16.39	51.882	34.17	6.64	7.9	2.3	1.543
32	6/25/2008 23:46	16.58	51.768	34.09	6.25	7.98	1.8	1.516
33	6/26/2008 0:01	16.76	51.822	34.13	6.15	7.9	1.6	1.503
34	6/26/2008 0:16	16.82	51.256	33.72	5.62	7.88	0.4	1.513
35	6/26/2008 0:31	16.83	51.201	33.68	6.76	7.95	2.7	1.528
36	6/26/2008 0:46	16.86	51.681	34.03	7.18	7.97	4.6	1.542
37	6/26/2008 1:01	16.85	51.917	34.2	7.21	8.11	5	1.573
38	6/26/2008 1:16	16.91	51.039	33.56	7.3	7.97	6	1.637
39	6/26/2008 1:31	16.91	51.644	34	7.29	7.97	5.7	1.671
40	6/26/2008 1:46	16.82	51.38	33.81	7.2	7.96	6.5	1.721
41	6/26/2008 2:01	16.85	50.964	33.5	7.16	7.96	6.8	1.786
42	6/26/2008 2:16	16.89	51.762	34.09	7.07	7.95	7.5	1.831
43	6/26/2008 2:31	16.81	51.591	33.96	7.09	7.95	7.9	1.893
44	6/26/2008 2:46	16.66	50.672	33.29	7.13	7.94	7.9	1.943

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	6/26/2008 3:01	16.56	50.919	33.47	7.11	7.94	8.7	1.996
46	6/26/2008 3:16	16.36	51.393	33.81	7.07	8	10	2.049
47	6/26/2008 3:31	16.01	51.084	33.58	6.98	7.91	10.3	2.094
48	6/26/2008 3:46	15.67	50.62	33.23	6.9	7.89	7.6	2.147
49	6/26/2008 4:01	15.28	51.191	33.64	6.77	7.87	5.6	2.189
50	6/26/2008 4:16	14.93	50.788	33.34	6.75	7.86	3.9	2.227
51	6/26/2008 4:31	14.84	50.939	33.45	6.71	7.86	3.7	2.266
52	6/26/2008 4:46	14.8	50.729	33.29	6.7	7.93	3.7	2.306
53	6/26/2008 5:01	14.71	51.072	33.54	6.66	7.86	3.3	2.347
54	6/26/2008 5:16	14.7	51.075	33.54	6.59	7.93	3.2	2.36
55	6/26/2008 5:31	14.7	50.517	33.13	6.48	7.84	2.5	2.396
56	6/26/2008 5:46	14.64	50.816	33.35	6.48	7.83	2.6	2.402
57	6/26/2008 6:01	14.72	50.728	33.29	6.21	7.81	2.3	2.415
58	6/26/2008 6:16	14.72	50.73	33.29	6.02	7.81	1.6	2.405
59	6/26/2008 6:31	14.64	51.042	33.52	5.95	7.81	2	2.383
60	6/26/2008 6:46	14.7	50.723	33.28	6.12	7.9	2	2.351
61	6/26/2008 7:01	14.85	50.858	33.39	6.22	7.91	3.3	2.306
62	6/26/2008 7:16	15.2	50.898	33.42	6.12	7.82	4	2.248
63	6/26/2008 7:31	15.29	51.355	33.76	6.03	7.81	3.4	2.181
64	6/26/2008 7:46	15.37	51.256	33.69	5.75	7.88	2.9	2.116
65	6/26/2008 8:01	15.38	51.088	33.57	5.74	7.9	5.4	2.045
66	6/26/2008 8:16	15.43	50.781	33.34	5.77	7.81	3.7	1.962
67	6/26/2008 8:31	15.63	50.894	33.43	6	7.83	4.3	1.896
68	6/26/2008 8:46	15.61	50.764	33.34	6.04	7.83	3.7	1.812
69	6/26/2008 9:01	15.69	51.082	33.57	6.24	7.85	3.7	1.75
70	6/26/2008 9:16	15.81	51.274	33.71	6.28	7.86	3.5	1.678
71	6/26/2008 9:31	15.88	50.889	33.43	6.14	7.86	2.4	1.602
72	6/26/2008 9:46	15.85	50.792	33.36	6.48	7.87	2.6	1.528
73	6/26/2008 10:01	16	50.611	33.23	6.27	7.87	5.1	1.482
74	6/26/2008 10:16	16.12	51.142	33.62	6.35	7.89	2.2	1.429
75	6/26/2008 10:31	16.17	51.227	33.69	6.17	7.87	2	1.353
76	6/26/2008 10:46	16.22	50.85	33.41	5.94	7.87	1.2	1.325
77	6/26/2008 11:01	16.19	50.936	33.47	5.96	7.83	1.6	1.304
78	6/26/2008 11:16	16.22	50.957	33.49	5.85	7.84	5.6	1.276
79	6/26/2008 11:31	16.27	50.659	33.27	5.4	7.81	2	1.256
80	6/26/2008 11:46	16.32	51.305	33.75	7.05	7.93	3.8	1.256
81	6/26/2008 12:01	16.36	51.259	33.71	6.85	7.92	3.8	1.284
82	6/26/2008 12:16	16.38	52.202	34.41	6.51	8.04	4.3	1.301
83	6/26/2008 12:31	16.46	51.294	33.74	6.54	8	4.2	1.321
84	6/26/2008 12:46	16.52	50.877	33.43	6.48	7.91	5.4	1.377
85	6/26/2008 13:01	16.53	51.022	33.54	6.5	7.91	5.6	1.443
86	6/26/2008 13:16	16.56	51.005	33.53	6.53	8.04	7.2	1.51
87	6/26/2008 13:31	16.71	50.659	33.28	6.58	7.98	6.8	1.548
88	6/26/2008 13:46	16.61	50.591	33.23	6.57	7.98	7.1	1.622
89	6/26/2008 14:01	16.48	50.726	33.32	6.55	7.97	7.2	1.718

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	6/26/2008 14:16	16.42	51.011	33.53	6.5	7.89	7.6	1.79
91	6/26/2008 14:31	16.37	50.87	33.43	6.49	7.89	7.6	1.848
92	6/26/2008 14:46	16.31	51.06	33.57	6.55	7.89	8.5	1.928
93	6/26/2008 15:01	15.98	50.821	33.38	6.61	7.87	11.5	2.017
94	6/26/2008 15:16	15.65	51.097	33.58	6.59	7.86	6.9	2.087
95	6/26/2008 15:31	15.5	50.977	33.49	6.6	7.86	6	2.156
96	6/26/2008 15:46	15.36	51.137	33.6	6.62	7.94	5.3	2.237
97	6/26/2008 16:01	15.13	50.671	33.26	6.58	7.85	5.9	2.322
98	6/26/2008 16:16	14.92	50.498	33.12	6.53	7.84	6	2.388
99	6/26/2008 16:31	14.76	50.622	33.21	6.57	7.83	6	2.462
100	6/26/2008 16:46	14.29	51.141	33.58	6.52	7.81	6.4	2.547
101	6/26/2008 17:01	13.98	51.018	33.48	6.48	7.85	7.2	2.61
102	6/26/2008 17:16	13.69	50.403	33.02	6.47	7.79	6.7	2.68
103	6/26/2008 17:31	13.31	50.833	33.32	6.38	7.77	5.2	2.75
104	6/26/2008 17:46	12.76	50.955	33.39	6.31	7.77	3.9	2.811
105	6/26/2008 18:01	12.52	50.903	33.34	6.28	7.76	3.1	2.859
106	6/26/2008 18:16	12.39	51.033	33.43	6.3	7.77	2	2.895
107	6/26/2008 18:31	12.28	50.461	33	6.31	7.76	1.8	2.931
108	6/26/2008 18:46	12.56	50.107	32.76	6.25	7.74	1.8	2.945
109	6/26/2008 19:01	12.75	50.549	33.09	5.67	7.78	0.9	2.946
110	6/26/2008 19:16	12.36	50.675	33.16	5.68	7.72	0.9	2.922
111	6/26/2008 19:31	12.37	50.726	33.2	5.9	7.73	1.2	2.877
112	6/26/2008 19:46	13.69	50.832	33.33	6.57	7.9	2.8	2.824
113	6/26/2008 20:01	14.62	51.864	34.12	7.06	7.97	3.6	2.758
114	6/26/2008 20:16	14.62	50.954	33.45	7.17	7.96	3.3	2.68
115	6/26/2008 20:31	14.81	51.119	33.58	7.17	7.99	3.7	2.599
116	6/26/2008 20:46	14.99	50.998	33.49	7.19	7.99	3.7	2.524
117	6/26/2008 21:01	15.07	50.459	33.1	7.13	7.89	3.4	2.438
118	6/26/2008 21:16	15.07	50.674	33.26	6.97	7.95	3.7	2.345
119	6/26/2008 21:31	15.49	50.623	33.23	7.08	7.9	3.7	2.263
120	6/26/2008 21:46	15.9	50.911	33.45	7.13	7.92	3.5	2.19
121	6/26/2008 22:01	15.98	50.732	33.32	7.02	7.91	3.4	2.102
122	6/26/2008 22:16	16.06	50.818	33.38	7.13	7.92	2.9	2.013
123	6/26/2008 22:31	16.28	50.775	33.36	7.24	7.94	4.3	1.935
124	6/26/2008 22:46	16.59	50.932	33.48	7.49	7.96	4.8	1.846
125	6/26/2008 23:01	16.81	50.622	33.25	7.52	7.97	5.7	1.762
126	6/26/2008 23:16	16.67	50.876	33.44	7.6	7.99	4.4	1.678
127	6/26/2008 23:31	16.59	51.158	33.64	7.34	7.96	4.3	1.596
128	6/26/2008 23:46	16.42	50.785	33.37	7.11	7.94	3.8	1.528
129	6/27/2008 0:01	16.5	50.769	33.36	7.02	7.94	3.8	1.438
130	6/27/2008 0:16	16.45	50.988	33.52	6.82	7.91	3.1	1.386
131	6/27/2008 0:31	16.57	50.907	33.46	6.68	7.9	2.8	1.344
132	6/27/2008 0:46	16.92	50.921	33.47	6.53	7.91	2.3	1.302
133	6/27/2008 1:01	17.1	50.684	33.3	5.91	7.88	1.3	1.281
134	6/27/2008 1:16	17.21	51.649	34.01	5.8	7.9	1.4	1.29

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	6/27/2008 1:31	17.23	50.986	33.52	7.08	7.96	4.3	1.3
136	6/27/2008 1:46	17.13	51.321	33.77	7.19	7.97	5.5	1.319
137	6/27/2008 2:01	17	51.085	33.59	7.21	7.96	5	1.358
138	6/27/2008 2:16	17.05	51.159	33.65	7.29	7.96	5.2	1.409
139	6/27/2008 2:31	16.99	51.166	33.65	7.28	7.96	4.9	1.474
140	6/27/2008 2:46	17.13	51.129	33.63	7.13	7.95	6.2	1.526
141	6/27/2008 3:01	17.24	51.34	33.78	7.01	7.94	6.1	1.568
142	6/27/2008 3:16	17.25	50.949	33.5	7	7.94	6.7	1.642
143	6/27/2008 3:31	17	50.686	33.3	7.13	7.94	6.5	1.706
144	6/27/2008 3:46	16.92	50.842	33.41	7.1	7.94	7.3	1.746
145	6/27/2008 4:01	16.81	50.971	33.51	7.08	7.94	6.9	1.795
146	6/27/2008 4:16	16.65	51.051	33.56	7.01	7.93	8.5	1.857
147	6/27/2008 4:31	16.34	50.751	33.34	6.93	7.91	10	1.909
148	6/27/2008 4:46	16.06	50.682	33.28	6.83	7.89	8.8	1.951
149	6/27/2008 5:01	15.78	50.695	33.29	6.79	7.88	6.5	2.003
150	6/27/2008 5:16	15.58	50.777	33.34	6.78	7.88	6.2	2.062
151	6/27/2008 5:31	15.42	50.707	33.29	6.77	7.87	5.6	2.103
152	6/27/2008 5:46	15.29	51.095	33.57	6.73	7.87	4.7	2.148
153	6/27/2008 6:01	15.12	50.905	33.43	6.7	7.94	4.2	2.191
154	6/27/2008 6:16	15	50.834	33.37	6.67	7.86	3.7	2.234
155	6/27/2008 6:31	14.92	50.671	33.25	6.6	7.85	3.7	2.264
156	6/27/2008 6:46	14.8	50.871	33.4	6.46	7.84	3.2	2.288
157	6/27/2008 7:01	14.67	50.898	33.41	6.32	7.9	4.2	2.314
158	6/27/2008 7:16	14.72	50.972	33.47	5.89	7.8	1.8	2.316
159	6/27/2008 7:31	14.92	50.86	33.39	5.37	7.86	1.4	2.331
160	6/27/2008 7:46	14.85	50.646	33.23	5.4	7.77	2.1	2.313
161	6/27/2008 8:01	14.76	51.148	33.6	5.89	7.8	2.6	2.286
162	6/27/2008 8:16	14.88	51.134	33.59	5.98	7.89	2.8	2.257
163	6/27/2008 8:31	15.43	51.214	33.66	6.12	7.93	4	2.201
164	6/27/2008 8:46	15.49	51.128	33.6	6.29	7.93	3.8	2.154
165	6/27/2008 9:01	15.54	51.377	33.78	6.33	7.85	3.4	2.098
166	6/27/2008 9:16	15.68	51.055	33.55	6.41	7.86	3.7	2.026
167	6/27/2008 9:31	15.76	50.824	33.38	6.42	7.86	3.6	1.966
168	6/27/2008 9:46	15.87	51.058	33.56	6.52	7.86	3.5	1.912
169	6/27/2008 10:01	16.07	51.064	33.56	6.58	7.88	2.8	1.842
170	6/27/2008 10:16	16.14	50.961	33.49	6.69	7.89	3.1	1.783
171	6/27/2008 10:31	16.28	51.445	33.85	6.8	7.9	2.3	1.722
172	6/27/2008 10:46	16.4	50.729	33.32	6.75	7.91	1.9	1.666
173	6/27/2008 11:01	16.52	50.903	33.45	6.3	7.87	1.5	1.628
174	6/27/2008 11:16	16.59	51.319	33.76	6.95	7.94	2.4	1.575
175	6/27/2008 11:31	16.69	51.142	33.63	7.1	7.92	1.4	1.536
176	6/27/2008 11:46	16.76	51.179	33.66	6.29	7.88	1.1	1.522
177	6/27/2008 12:01	16.92	51.01	33.54	8.32	7.99	5.4	1.497
178	6/27/2008 12:16	16.98	51.482	33.89	8.18	8	3.1	1.477
179	6/27/2008 12:31	17.04	51.292	33.75	7.88	7.98	3.8	1.481

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	6/27/2008 12:46	17.15	51.072	33.59	7.28	7.95	4	1.502
181	6/27/2008 13:01	17.13	50.907	33.46	7.16	7.94	4.5	1.523
182	6/27/2008 13:16	17.14	51.093	33.6	7.07	7.93	5.9	1.536
183	6/27/2008 13:31	17.18	51.235	33.71	7.09	8.02	6.2	1.589
184	6/27/2008 13:46	17.14	51.175	33.66	6.99	7.92	6.1	1.633
185	6/27/2008 14:01	17.05	50.689	33.3	7.04	8	7.5	1.705
186	6/27/2008 14:16	16.97	51.094	33.6	7.05	7.98	7.1	1.758
187	6/27/2008 14:31	16.76	51.303	33.75	6.92	7.99	6.2	1.819
188	6/27/2008 14:46	16.61	51.133	33.62	6.88	7.98	6	1.9
189	6/27/2008 15:01	16.5	51.172	33.65	6.8	7.88	6	1.965
190	6/27/2008 15:16	16.28	50.993	33.52	6.74	7.87	5.2	2.035
191	6/27/2008 15:31	16.13	50.94	33.47	6.73	7.86	5.2	2.104
192	6/27/2008 15:46	15.8	51.077	33.57	6.72	7.93	5	2.182
193	6/27/2008 16:01	15.61	51.03	33.53	6.7	7.93	5.1	2.259
194	6/27/2008 16:16	15.55	50.571	33.19	6.71	7.85	5.2	2.331
195	6/27/2008 16:31	15.23	51.047	33.53	6.65	7.91	5.9	2.404
196	6/27/2008 16:46	14.75	50.901	33.42	6.62	7.88	6.2	2.49
197	6/27/2008 17:01	14.39	50.693	33.25	6.54	7.87	6.6	2.568
198	6/27/2008 17:16	13.93	50.616	33.18	6.5	7.79	9.2	2.645
199	6/27/2008 17:31	13.53	50.868	33.35	6.5	7.82	7.1	2.724
200	6/27/2008 17:46	13.08	50.811	33.29	6.46	7.77	26.8	2.806
201	6/27/2008 18:01	12.81	50.358	32.95	6.46	7.77	5.4	2.884
202	6/27/2008 18:16	12.49	50.468	33.02	6.44	7.76	5.3	2.953
203	6/27/2008 18:31	12.22	50.612	33.11	6.4	7.75	3.8	3.013
204	6/27/2008 18:46	12.13	50.358	32.92	6.36	7.75	2.9	3.065
205	6/27/2008 19:01	12.02	50.405	32.95	6.39	7.75	2.2	3.117
206	6/27/2008 19:16	11.97	50.325	32.89	6.31	7.75	1.9	3.145
207	6/27/2008 19:31	11.95	50.443	32.98	5.73	7.71	0.7	3.152
208	6/27/2008 19:46	12.28	50.476	33.02	5.84	7.73	1.2	3.149
209	6/27/2008 20:01	11.89	51.053	33.42	5.95	7.76	1.3	3.136
210	6/27/2008 20:16	11.9	50.731	33.18	6.05	7.76	1.3	3.082
211	6/27/2008 20:31	12.17	50.554	33.07	6.19	7.77	3.6	3.012
212	6/27/2008 20:46	13.4	50.503	33.08	6.78	7.89	4	2.954
213	6/27/2008 21:01	13.28	50.646	33.18	6.78	7.88	3.2	2.87
214	6/27/2008 21:16	13.68	51.034	33.48	6.69	7.89	3.7	2.772
215	6/27/2008 21:31	13.98	50.686	33.24	6.71	7.91	6.4	2.681
216	6/27/2008 21:46	14.49	50.669	33.24	6.85	7.94	5.2	2.588
217	6/27/2008 22:01	14.59	50.395	33.04	6.77	7.85	4.3	2.505
218	6/27/2008 22:16	14.81	51.018	33.5	6.8	7.87	4.6	2.409
219	6/27/2008 22:31	15.02	50.572	33.18	7.04	7.96	4.2	2.302
220	6/27/2008 22:46	15.4	50.822	33.37	6.9	7.97	4.9	2.215
221	6/27/2008 23:01	15.28	50.404	33.06	6.81	7.87	4.9	2.126
222	6/27/2008 23:16	15.31	50.887	33.42	6.82	7.88	5.8	2.015
223	6/27/2008 23:31	15.45	50.782	33.35	6.88	7.97	4.7	1.922
224	6/27/2008 23:46	16.09	51.35	33.78	7.05	8.02	5.8	1.825

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	6/28/2008 0:01	16	50.833	33.39	6.93	7.99	4.9	1.724
226	6/28/2008 0:16	16.03	50.557	33.19	6.8	7.9	4.4	1.622
227	6/28/2008 0:31	16.21	50.669	33.28	6.88	7.91	4.9	1.514
228	6/28/2008 0:46	16.39	50.711	33.31	6.88	7.91	4.8	1.43
229	6/28/2008 1:01	16.53	51.167	33.65	6.7	7.91	3.9	1.344
230	6/28/2008 1:16	16.57	51.183	33.66	6.49	7.89	3.1	1.268
231	6/28/2008 1:31	16.86	50.714	33.32	6.43	7.97	2.8	1.194
232	6/28/2008 1:46	17.06	51.435	33.85	6.39	7.91	2.3	1.159
233	6/28/2008 2:01	17.15	51.522	33.92	6.18	7.99	1.5	1.147
234	6/28/2008 2:16	17.53	51.792	34.12	6.03	8.02	2.1	1.094
235	6/28/2008 2:31	17.62	51.18	33.67	6.57	7.98	3.8	1.134
236	6/28/2008 2:46	17.56	50.846	33.42	7.32	8.06	4.5	1.151
237	6/28/2008 3:01	17.47	51.538	33.93	7.19	8.05	5.1	1.174
238	6/28/2008 3:16	17.52	51.93	34.22	7.29	8.08	4.8	1.226
239	6/28/2008 3:31	17.44	51.222	33.7	7.33	7.98	5.1	1.277
240	6/28/2008 3:46	17.4	50.899	33.46	7.33	8.04	5.6	1.365
241	6/28/2008 4:01	17.33	50.876	33.44	7.16	8.03	5.8	1.413
242	6/28/2008 4:16	17.38	51.503	33.91	7.02	8.04	5.9	1.481
243	6/28/2008 4:31	17.2	51.013	33.54	7.1	8.04	5.7	1.552
244	6/28/2008 4:46	17.07	50.534	33.19	7.09	8.03	5.8	1.612
245	6/28/2008 5:01	16.88	50.692	33.3	7.08	7.94	6	1.675
246	6/28/2008 5:16	16.8	50.71	33.32	7.04	8.02	5.9	1.732
247	6/28/2008 5:31	16.63	50.695	33.3	6.99	8.01	6.2	1.806
248	6/28/2008 5:46	16.46	50.748	33.34	6.94	7.91	6.8	1.858
249	6/28/2008 6:01	16.21	50.658	33.27	6.85	7.98	6.2	1.915
250	6/28/2008 6:16	16.1	50.495	33.15	6.81	7.97	6	1.976
251	6/28/2008 6:31	16	50.549	33.19	6.78	7.89	6.3	2.042
252	6/28/2008 6:46	15.87	50.532	33.17	6.75	7.97	6.8	2.088
253	6/28/2008 7:01	15.79	50.511	33.15	6.75	7.97	6.5	2.132
254	6/28/2008 7:16	15.64	50.492	33.14	6.72	7.95	6.9	2.188
255	6/28/2008 7:31	15.42	50.539	33.17	6.67	7.94	5.2	2.231
256	6/28/2008 7:46	15.27	50.516	33.15	6.62	7.93	4.3	2.274
257	6/28/2008 8:01	15.23	50.396	33.06	6.5	7.85	4.5	2.296
258	6/28/2008 8:16	15.12	50.556	33.17	6.5	7.92	4	2.339
259	6/28/2008 8:31	15.03	50.611	33.21	6.47	7.92	3.7	2.369
260	6/28/2008 8:46	15.37	50.331	33.01	5.91	7.9	2.4	2.355
261	6/28/2008 9:01	15.19	50.663	33.25	5.19	7.84	1.3	2.375
262	6/28/2008 9:16	15.13	51.134	33.6	4.92	7.75	1.6	2.366
263	6/28/2008 9:31	15.01	50.477	33.11	5.69	7.95	2.3	2.342
264	6/28/2008 9:46	15.05	50.499	33.13	6.13	7.82	3.4	2.309
265	6/28/2008 10:01	15.33	50.514	33.15	6.32	7.88	3.7	2.256
266	6/28/2008 10:16	15.5	51.201	33.65	6.46	7.94	3.4	2.218
267	6/28/2008 10:31	15.7	51.6	33.95	6.11	7.93	4.2	2.156
268	6/28/2008 10:46	15.81	50.728	33.31	6.31	7.86	3.5	2.101
269	6/28/2008 11:01	15.93	50.832	33.39	6.47	7.93	3.2	2.037

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	6/28/2008 11:16	16.03	51.6	33.96	6.68	7.97	4.4	1.978
271	6/28/2008 11:31	16.06	50.642	33.25	6.46	7.96	2.3	1.935
272	6/28/2008 11:46	16.1	51.877	34.16	6.64	7.98	3.4	1.87
273	6/28/2008 12:01	16.15	50.884	33.43	7.16	7.92	3.1	1.832
274	6/28/2008 12:16	16.21	51.295	33.74	7.19	8	2.4	1.798
275	6/28/2008 12:31	16.34	51.084	33.58	7.1	7.94	1.8	1.752
276	6/28/2008 12:46	16.45	50.589	33.22	7.59	8.11	1.7	1.745
277	6/28/2008 13:01	16.58	50.779	33.36	7.02	8.07	1.5	1.71
278	6/28/2008 13:16	16.71	51.21	33.68	6.42	7.88	1.6	1.706
279	6/28/2008 13:31	16.75	50.747	33.34	7.21	8.02	3.2	1.72
280	6/28/2008 13:46	16.77	50.959	33.5	7.33	8.08	4	1.717
281	6/28/2008 14:01	16.86	50.765	33.36	7.05	8.07	4	1.75
282	6/28/2008 14:16	16.77	50.789	33.37	7.08	7.93	4.1	1.783
283	6/28/2008 14:31	16.71	51.19	33.67	6.94	7.92	4.8	1.83
284	6/28/2008 14:46	16.64	50.928	33.47	6.93	7.91	5.4	1.889
285	6/28/2008 15:01	16.45	51.108	33.6	6.79	7.97	4.8	1.94
286	6/28/2008 15:16	16.52	50.994	33.52	6.88	7.98	4.9	2.003
287	6/28/2008 15:31	16.39	51.035	33.55	6.87	7.89	5.1	2.066
288	6/28/2008 15:46	16.19	51.159	33.64	6.85	7.96	5	2.131
289	6/28/2008 16:01	16.04	50.427	33.1	6.84	7.88	4.7	2.202
290	6/28/2008 16:16	15.9	51.262	33.71	6.77	7.87	4.6	2.267
291	6/28/2008 16:31	15.44	51.289	33.72	6.71	7.92	4.7	2.336
292	6/28/2008 16:46	14.82	51.231	33.66	6.57	7.9	4.5	2.411
293	6/28/2008 17:01	14.59	51.853	34.11	6.53	7.72	9	2.487
294	6/28/2008 17:16	14.44	50.682	33.25	6.54	7.88	4.9	2.568
295	6/28/2008 17:31	14.13	51.041	33.5	6.48	7.86	5.2	2.646
296	6/28/2008 17:46	13.75	50.935	33.41	6.5	7.84	6	2.733
297	6/28/2008 18:01	13.34	51.06	33.49	6.59	7.83	7.9	2.816
298	6/28/2008 18:16	13.04	50.681	33.2	6.68	7.82	7.8	2.898
299	6/28/2008 18:31	12.52	51.091	33.48	6.73	7.81	8.1	2.983
300	6/28/2008 18:46	12.13	51.759	33.94	6.75	8.08	11.6	3.053
301	6/28/2008 19:01	11.79	50.966	33.35	6.84	7.81	6.2	3.131
302	6/28/2008 19:16	11.5	51.244	33.54	6.91	7.82	5.1	3.192
303	6/28/2008 19:31	11.4	50.731	33.16	6.96	7.83	4.3	3.248
304	6/28/2008 19:46	11.22	50.767	33.17	6.99	7.83	3.4	3.286
305	6/28/2008 20:01	11.18	51.214	33.5	6.93	7.83	1.8	3.315
306	6/28/2008 20:16	11.21	51.297	33.56	6.43	7.79	0.7	3.325
307	6/28/2008 20:31	11.78	51.197	33.52	6.37	7.82	1.8	3.316
308	6/28/2008 20:46	11.3	51.045	33.38	6.32	7.79	1.5	3.3
309	6/28/2008 21:01	11.29	50.911	33.28	6.59	7.81	2.1	3.256
310	6/28/2008 21:16	12.76	51.428	33.73	6.78	7.89	3.2	3.175
311	6/28/2008 21:31	13.38	50.931	33.39	7.01	7.92	9.1	3.118
312	6/28/2008 21:46	13.21	50.789	33.28	6.99	7.84	4.3	3.041
313	6/28/2008 22:01	13.3	50.854	33.33	6.91	7.89	3.7	2.93
314	6/28/2008 22:16	13.68	50.648	33.2	6.89	7.84	3.7	2.837

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	6/28/2008 22:31	13.85	50.978	33.44	6.72	7.83	6	2.741
316	6/28/2008 22:46	13.92	51.068	33.51	6.54	7.89	4.2	2.641
317	6/28/2008 23:01	14.2	51.371	33.74	6.45	7.89	3.4	2.526
318	6/28/2008 23:16	14.58	51.175	33.61	6.16	7.88	3.9	2.416
319	6/28/2008 23:31	14.9	51.066	33.54	6.27	7.9	3.4	2.321
320	6/28/2008 23:46	14.96	50.863	33.39	6.34	7.93	3.2	2.202
321	6/29/2008 0:01	15.04	51.154	33.61	6.27	7.91	2.9	2.084
322	6/29/2008 0:16	15.14	51.262	33.69	6.24	7.93	3.8	1.967
323	6/29/2008 0:31	15.26	51.378	33.78	6.27	7.91	3.1	1.852
324	6/29/2008 0:46	15.42	50.69	33.28	6.38	7.85	12.2	1.758
325	6/29/2008 1:01	15.42	51.216	33.66	6.35	7.92	4	1.657
326	6/29/2008 1:16	15.68	51.221	33.67	6.33	7.95	4.5	1.533
327	6/29/2008 1:31	15.79	51.19	33.65	6.16	7.93	3.5	1.417
328	6/29/2008 1:46	15.9	51.387	33.8	5.99	7.94	3.1	1.312
329	6/29/2008 2:01	16.17	50.752	33.34	6.22	7.96	3.8	1.195
330	6/29/2008 2:16	16.25	50.63	33.25	5.95	7.87	3.8	1.104
331	6/29/2008 2:31	16.29	50.934	33.47	5.6	7.84	2.8	1.025
332	6/29/2008 2:46	16.42	50.967	33.5	5.16	7.78	2.2	1.008
333	6/29/2008 3:01	16.47	50.963	33.5	4.75	7.77	2	0.956
334	6/29/2008 3:16	16.56	51.25	33.71	3.81	7.77	0.9	0.935
335	6/29/2008 3:31	16.65	51.402	33.82	5.81	7.9	4.4	0.982
336	6/29/2008 3:46	17.34	52.32	34.51	6.84	8.11	4.2	1.012
337	6/29/2008 4:01	17.08	51.055	33.57	6.76	8.03	4	1.024
338	6/29/2008 4:16	17.21	51.448	33.86	6.82	7.96	4.7	1.103
339	6/29/2008 4:31	17.19	51.376	33.81	6.81	7.95	4.1	1.179
340	6/29/2008 4:46	17.1	51.523	33.92	6.77	8.03	4	1.228
341	6/29/2008 5:01	17.28	51.364	33.8	6.65	7.93	5	1.309
342	6/29/2008 5:16	17.28	51.605	33.98	6.61	7.93	5.3	1.388
343	6/29/2008 5:31	17.32	51.351	33.79	6.59	7.92	4.9	1.448
344	6/29/2008 5:46	17.07	51.546	33.93	6.61	7.92	5.2	1.51
345	6/29/2008 6:01	16.91	50.954	33.5	6.65	7.92	5	1.601
346	6/29/2008 6:16	16.8	51.081	33.59	6.6	7.91	5.1	1.67
347	6/29/2008 6:31	16.72	51.323	33.77	6.63	7.91	5.3	1.733
348	6/29/2008 6:46	16.32	51.489	33.88	6.59	7.89	6	1.805
349	6/29/2008 7:01	16.01	51.084	33.58	6.59	7.95	6	1.899
350	6/29/2008 7:16	15.97	50.571	33.2	6.56	7.96	5.9	1.96
351	6/29/2008 7:31	15.83	51.358	33.78	6.52	7.88	5.9	2.026
352	6/29/2008 7:46	15.59	51.09	33.57	6.53	7.94	6.2	2.103
353	6/29/2008 8:01	15.39	50.957	33.47	6.52	7.93	6.1	2.172
354	6/29/2008 8:16	15.32	51.316	33.73	6.5	7.93	4.9	2.231
355	6/29/2008 8:31	15.24	51.107	33.58	6.49	7.93	6	2.283
356	6/29/2008 8:46	15.12	50.876	33.41	6.51	7.92	4.6	2.348
357	6/29/2008 9:01	15.06	51.055	33.54	6.45	7.92	4.2	2.387
358	6/29/2008 9:16	14.84	50.71	33.28	6.48	7.91	4.1	2.44
359	6/29/2008 9:31	14.6	50.915	33.42	6.47	7.9	3.5	2.473

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	6/29/2008 9:46	14.49	51.115	33.57	6.4	7.89	2.8	2.491
361	6/29/2008 10:01	14.54	50.818	33.35	5.94	7.87	2.7	2.523
362	6/29/2008 10:16	14.53	50.963	33.46	4.69	7.79	1	2.535
363	6/29/2008 10:31	14.65	50.71	33.27	5.25	7.79	2.1	2.533
364	6/29/2008 10:46	14.56	51.119	33.57	5.78	7.86	4.3	2.508
365	6/29/2008 11:01	14.52	50.976	33.46	5.48	7.85	2.3	2.485
366	6/29/2008 11:16	14.65	51.173	33.61	5.58	7.84	1.6	2.45
367	6/29/2008 11:31	14.81	50.935	33.44	5.56	7.83	1.2	2.396
368	6/29/2008 11:46	15.08	50.919	33.44	5.96	7.88	1.7	2.338
369	6/29/2008 12:01	15.37	50.875	33.41	5.9	7.89	2.7	2.283
370	6/29/2008 12:16	15.51	51.127	33.6	5.65	7.81	1.8	2.236
371	6/29/2008 12:31	15.68	51.225	33.68	5.9	7.9	1.6	2.177
372	6/29/2008 12:46	15.75	51.412	33.81	5.95	7.9	1	2.119
373	6/29/2008 13:01	15.8	51.153	33.63	5.62	7.88	0.5	2.075
374	6/29/2008 13:16	15.85	51.228	33.68	5.89	7.83	1.1	2.031
375	6/29/2008 13:31	15.92	51.202	33.66	5.9	7.9	1.2	2.006
376	6/29/2008 13:46	15.97	51.15	33.63	6.18	7.91	0.9	1.964
377	6/29/2008 14:01	15.99	51.068	33.57	4.75	7.83	0.6	1.946
378	6/29/2008 14:16	16.01	51.178	33.65	6.42	7.93	2	1.928
379	6/29/2008 14:31	15.95	51.234	33.69	7.25	7.99	2.8	1.931
380	6/29/2008 14:46	16.1	51.137	33.62	6.85	7.9	2.8	1.948
381	6/29/2008 15:01	16.04	50.844	33.4	6.97	7.98	3.2	1.958
382	6/29/2008 15:16	16.08	50.875	33.43	6.75	7.96	3.2	1.987
383	6/29/2008 15:31	16.07	51.267	33.71	6.73	7.89	3.9	2.03
384	6/29/2008 15:46	15.96	50.782	33.36	6.72	7.95	4.2	2.084
385	6/29/2008 16:01	15.85	51.146	33.62	6.65	7.94	4.4	2.133
386	6/29/2008 16:16	15.66	50.633	33.24	6.76	7.95	4.7	2.188
387	6/29/2008 16:31	15.53	51.074	33.56	6.78	7.87	4.3	2.254
388	6/29/2008 16:46	15.39	50.846	33.39	6.74	7.86	4.6	2.33
389	6/29/2008 17:01	15.22	51.15	33.61	6.64	7.92	4.3	2.393
390	6/29/2008 17:16	15.06	50.533	33.15	6.64	7.85	4.4	2.458
391	6/29/2008 17:31	14.43	50.732	33.28	6.68	7.84	4.5	2.54
392	6/29/2008 17:46	14.14	51.328	33.71	6.67	7.88	5.6	2.627
393	6/29/2008 18:01	13.9	50.883	33.38	6.75	7.88	6	2.709
394	6/29/2008 18:16	13.54	51.229	33.62	6.8	7.87	5.3	2.787
395	6/29/2008 18:31	13.1	50.852	33.33	6.92	7.87	5.9	2.882
396	6/29/2008 18:46	12.9	50.581	33.12	6.95	7.87	6.2	2.98
397	6/29/2008 19:01	12.53	51.015	33.42	7.04	7.87	6.6	3.06
398	6/29/2008 19:16	12.32	51.715	33.92	7.21	7.91	5.4	3.137
399	6/29/2008 19:31	12.05	50.97	33.36	7.61	7.94	4.4	3.222
400	6/29/2008 19:46	11.68	50.613	33.09	8.16	7.96	4.9	3.305
401	6/29/2008 20:01	11.53	51.007	33.36	8.51	7.98	3.9	3.362
402	6/29/2008 20:16	11.44	50.463	32.96	8.73	8	3.7	3.424
403	6/29/2008 20:31	11.41	50.745	33.17	8.73	8.01	3.1	3.472
404	6/29/2008 20:46	11.59	50.564	33.05	8.66	8	2.4	3.505

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
405	6/29/2008 21:01	11.6	50.856	33.26	8.1	7.96	1.2	3.534
406	6/29/2008 21:16	12.28	51.616	33.85	8.28	8.11	3.2	3.524
407	6/29/2008 21:31	11.92	51.435	33.7	8.35	8.02	1.7	3.513
408	6/29/2008 21:46	11.49	50.753	33.18	8.83	8.02	2.2	3.48
409	6/29/2008 22:01	12.01	50.381	32.93	8.51	8	2.6	3.435
410	6/29/2008 22:16	12.35	50.821	33.27	7.98	8.1	2.2	3.349
411	6/29/2008 22:31	12.4	50.831	33.28	8.06	7.98	2.6	3.258
412	6/29/2008 22:46	12.8	50.679	33.19	7.52	7.95	2.9	3.156
413	6/29/2008 23:01	12.8	50.938	33.38	7.43	7.93	4.3	3.063
414	6/29/2008 23:16	12.88	50.808	33.28	7.38	7.93	4	2.942
415	6/29/2008 23:31	13.02	50.269	32.9	7.37	7.92	7.5	2.818
416	6/29/2008 23:46	13.22	50.658	33.19	7.06	7.91	4.4	2.704
417	6/30/2008 0:01	13.43	50.855	33.34	6.9	7.9	4.8	2.591
418	6/30/2008 0:16	14	51.113	33.55	6.71	7.9	6.1	2.467
419	6/30/2008 0:31	14.06	50.832	33.35	6.71	7.9	5.4	2.323
420	6/30/2008 0:46	14.3	50.988	33.47	6.64	7.9	6.5	2.203
421	6/30/2008 1:01	14.4	50.818	33.34	6.63	7.91	6.7	2.076
422	6/30/2008 1:16	14.37	51.259	33.67	6.62	7.91	7	1.938
423	6/30/2008 1:31	14.6	50.737	33.29	6.58	7.92	41.7	1.799
424	6/30/2008 1:46	14.52	51.242	33.66	6.44	7.9	60.4	1.649
425	6/30/2008 2:01	14.66	50.774	33.32	6.26	7.89	4.8	1.527
426	6/30/2008 2:16	14.97	51.212	33.65	6.12	7.9	4.2	1.391
427	6/30/2008 2:31	15	51.159	33.61	6.04	7.89	4.6	1.23
428	6/30/2008 2:46	15.21	50.971	33.48	5.8	7.87	3.5	1.105
429	6/30/2008 3:01	15.33	51.175	33.63	5.64	7.87	3	0.987
430	6/30/2008 3:16	15.3	51.007	33.51	5.53	7.86	2.9	0.886
431	6/30/2008 3:31	15.63	51.142	33.61	5.32	7.86	1.9	0.784
432	6/30/2008 3:46	15.68	50.805	33.37	5.12	7.86	1.8	0.733
433	6/30/2008 4:01	15.74	51.312	33.74	5.43	7.87	2.1	0.723
434	6/30/2008 4:16	15.69	50.82	33.38	6.11	7.84	3.6	0.708
435	6/30/2008 4:31	15.86	50.807	33.37	6.2	7.86	3.5	0.741
436	6/30/2008 4:46	16.52	52.187	34.4	6.34	7.91	4.6	0.818
437	6/30/2008 5:01	16.25	52.082	34.32	6.37	7.89	5.4	0.86
438	6/30/2008 5:16	16.49	51.66	34.01	6.43	8.22	5.6	0.919
439	6/30/2008 5:31	16.47	51.375	33.8	6.65	7.92	5.2	1.018
440	6/30/2008 5:46	16.45	51.393	33.81	6.66	7.91	5.2	1.07
441	6/30/2008 6:01	16.5	51.066	33.57	6.6	7.9	4.8	1.132
442	6/30/2008 6:16	16.49	51.362	33.79	6.55	7.9	5.9	1.21
443	6/30/2008 6:31	16.36	50.7	33.3	6.65	7.9	6	1.301
444	6/30/2008 6:46	16.18	52.18	34.39	6.57	7.96	6.2	1.372
445	6/30/2008 7:01	16.04	52.174	34.38	6.52	7.95	5.2	1.442
446	6/30/2008 7:16	15.98	52.167	34.37	6.52	7.88	6.5	1.56
447	6/30/2008 7:31	15.91	51.972	34.23	6.48	7.88	7.1	1.645
448	6/30/2008 7:46	15.71	50.937	33.46	6.48	7.94	11.2	1.741
449	6/30/2008 8:01	15.62	51.272	33.71	6.48	7.87	7.1	1.826

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	6/30/2008 8:16	15.54	51.559	33.92	6.5	7.94	7.9	1.926
451	6/30/2008 8:31	15.41	50.902	33.43	6.51	7.94	7.7	2.014
452	6/30/2008 8:46	15.27	50.82	33.37	6.53	7.94	6.7	2.088
453	6/30/2008 9:01	15.15	51.182	33.63	6.5	7.93	6.8	2.175
454	6/30/2008 9:16	15.01	50.932	33.45	6.5	7.92	6.1	2.243
455	6/30/2008 9:31	14.9	50.996	33.49	6.49	7.86	6.7	2.318
456	6/30/2008 9:46	14.75	51.098	33.56	6.48	7.91	7.1	2.383
457	6/30/2008 10:01	14.35	50.919	33.42	6.51	7.9	6.3	2.437
458	6/30/2008 10:16	13.93	51.164	33.58	6.62	7.89	6.3	2.497
459	6/30/2008 10:31	13.57	50.679	33.22	6.76	7.89	6.3	2.545
460	6/30/2008 10:46	13.35	50.633	33.18	6.88	7.9	5.7	2.594
461	6/30/2008 11:01	13.33	50.823	33.31	6.55	7.87	4.4	2.609
462	6/30/2008 11:16	13.28	50.694	33.22	6.46	7.87	3.2	2.647
463	6/30/2008 11:31	13.19	50.939	33.39	4.97	7.79	1.9	2.664
464	6/30/2008 11:46	13.62	50.601	33.16	5.69	7.84	3.3	2.649
465	6/30/2008 12:01	13.4	50.803	33.3	5.88	7.82	1.8	2.623
466	6/30/2008 12:16	13.25	51.166	33.56	6.51	7.87	3.2	2.575
467	6/30/2008 12:31	13.57	51.217	33.61	6.54	7.88	3.4	2.541
468	6/30/2008 12:46	14.03	51.156	33.58	6.83	7.92	3.4	2.479
469	6/30/2008 13:01	14.23	51.259	33.66	6.86	7.92	4.4	2.419
470	6/30/2008 13:16	14.61	50.675	33.25	6.92	7.88	3.7	2.363
471	6/30/2008 13:31	14.82	50.78	33.33	6.93	7.97	4.2	2.284
472	6/30/2008 13:46	15	50.773	33.33	6.84	7.88	3.8	2.245
473	6/30/2008 14:01	15.15	51.085	33.56	6.64	7.94	5.4	2.189
474	6/30/2008 14:16	15.35	50.896	33.43	6.73	7.95	3.5	2.129
475	6/30/2008 14:31	15.58	50.765	33.34	6.65	7.88	3.9	2.09
476	6/30/2008 14:46	15.69	51.135	33.61	6.11	7.86	5.1	2.061
477	6/30/2008 15:01	15.75	50.895	33.43	6.08	7.85	2.4	2.033
478	6/30/2008 15:16	15.8	51.097	33.58	4.98	7.86	1.8	2.003
479	6/30/2008 15:31	15.84	50.988	33.5	2.71	7.69	2.9	1.989
480	6/30/2008 15:46	15.66	50.926	33.46	6.98	7.97	17.7	2.006
481	6/30/2008 16:01	15.88	50.741	33.32	6.76	7.89	2.9	2.015
482	6/30/2008 16:16	15.72	51.397	33.8	6.8	7.94	3	2.033
483	6/30/2008 16:31	15.82	51.052	33.55	6.97	7.97	4	2.075
484	6/30/2008 16:46	15.77	50.608	33.22	7.09	8.06	4.8	2.138
485	6/30/2008 17:01	15.56	52.019	34.26	7.02	7.96	4.3	2.187
486	6/30/2008 17:16	15.26	51.899	34.16	7.3	7.98	5.4	2.255
487	6/30/2008 17:31	14.96	51.872	34.13	7.34	7.98	4.3	2.328
488	6/30/2008 17:46	14.83	51.862	34.12	7.14	7.95	4.2	2.397
489	6/30/2008 18:01	14.76	51.877	34.13	7.05	7.94	4.8	2.475
490	6/30/2008 18:16	14.11	51.757	34.02	7.21	7.92	4.9	2.548
491	6/30/2008 18:31	13.82	51.563	33.87	7.28	7.89	5.8	2.631
492	6/30/2008 18:46	13.43	51.649	33.92	7.43	7.93	5.2	2.719
493	6/30/2008 19:01	13.12	51.581	33.86	7.63	7.96	5.9	2.803
494	6/30/2008 19:16	12.97	51.371	33.7	7.65	7.94	6.1	2.898

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
495	6/30/2008 19:31	12.79	51.502	33.79	7.78	7.94	5.4	2.994
496	6/30/2008 19:46	12.63	50.129	32.78	7.95	7.98	5.7	3.08
497	6/30/2008 20:01	12.42	50.15	32.79	8.19	7.95	7	3.175
498	6/30/2008 20:16	12.15	49.949	32.63	8.27	7.96	6.8	3.266
499	6/30/2008 20:31	11.88	50.055	32.69	8.29	7.94	5.1	3.348
500	6/30/2008 20:46	11.66	49.964	32.61	8.44	8	5.6	3.423
501	6/30/2008 21:01	11.52	50.731	33.16	8.75	7.98	5.5	3.492
502	6/30/2008 21:16	11.48	50.301	32.85	8.64	7.99	2.3	3.55
503	6/30/2008 21:31	11.46	51.253	33.54	8.34	8.03	2.6	3.603
504	6/30/2008 21:46	11.5	51.191	33.5	8.16	7.97	1	3.637
505	6/30/2008 22:01	11.6	50.58	33.06	7.44	7.91	0.8	3.652
506	6/30/2008 22:16	12.25	51.332	33.64	8.22	7.99	2.3	3.653
507	6/30/2008 22:31	12.49	51.274	33.61	8.61	8.03	2.7	3.629
508	6/30/2008 22:46	11.71	50.116	32.73	8.96	8.03	1.5	3.569
509	6/30/2008 23:01	12.08	50.61	33.1	8.76	8	9.6	3.515
510	6/30/2008 23:16	12.25	50.621	33.12	8.54	8	5.2	3.419
511	6/30/2008 23:31	12.38	49.937	32.63	7.86	7.92	4.4	3.308
512	6/30/2008 23:46	12.81	50.664	33.18	7.66	7.9	4.7	3.214
513	7/1/2008 0:01	12.8	50.841	33.31	7.8	7.95	6.1	3.081
514	7/1/2008 0:16	12.42	50.054	32.71	8.33	7.97	8	2.96
515	7/1/2008 0:31	12.62	50.129	32.78	8.1	7.96	10.7	2.834
516	7/1/2008 0:46	12.85	50.421	33	7.84	7.91	8.5	2.708
517	7/1/2008 1:01	13.21	50.67	33.2	7.48	7.93	5	2.568
518	7/1/2008 1:16	13.57	50.756	33.27	7.26	7.92	5.6	2.431
519	7/1/2008 1:31	13.81	51.178	33.59	7.14	7.91		2.287
520	7/1/2008 1:46	14.21	50.665	33.23	6.86	8.01	3.4	2.152
521	7/1/2008 2:01	14.16	51.673	33.96	6.93	7.92	5.1	1.995
522	7/1/2008 2:16	14.18	51.742	34.02	6.83	7.91	4.8	1.838
523	7/1/2008 2:31	14.28	51.705	33.99	6.71	7.84	17.6	1.687
524	7/1/2008 2:46	14.47	51.751	34.03	6.64	7.84	4.6	1.532
525	7/1/2008 3:01	14.87	51.852	34.12	6.99	7.92	18.9	1.364
526	7/1/2008 3:16	15.02	50.662	33.25	7.01	7.93	5.5	1.196
527	7/1/2008 3:31	15.12	50.847	33.39	6.95	7.86	3.7	1.038
528	7/1/2008 3:46	15.37	50.923	33.45	6.79	7.9	3.4	0.894
529	7/1/2008 4:01	15.54	50.915	33.44	6.59	7.84	3.2	0.752
530	7/1/2008 4:16	15.58	50.854	33.4	5.6	7.84	2.6	0.636
531	7/1/2008 4:31	15.53	51.212	33.66	3.58	7.72	1.3	0.538
532	7/1/2008 4:46	15.59	51.181	33.64	3.58	7.74	20.9	0.478
533	7/1/2008 5:01	15.49	50.793	33.35	2.04	7.55	39.3	0.473
534	7/1/2008 5:16	15.95	51.061	33.56	4.4	7.86	3.7	0.5
535	7/1/2008 5:31	16.84	51.672	34.02	6.24	8.02	13.9	0.574
536	7/1/2008 5:46	16.88	51.164	33.65	6.7	8.01	15	0.643
537	7/1/2008 6:01	16.98	51.707	34.05	6.9	8.07	5.4	0.736
538	7/1/2008 6:16	16.92	52.316	34.5	6.55	7.82	64.1	0.792
539	7/1/2008 6:31	16.87	51.275	33.73	6.68	7.82	12.6	0.857

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
540	7/1/2008 6:46	16.92	50.765	33.36	6.85	7.91	6.9	0.938
541	7/1/2008 7:01	16.88	51.1	33.6	6.88	7.94	11.7	1.002
542	7/1/2008 7:16	16.75	50.673	33.29	7.04	8.05	13.9	1.096
543	7/1/2008 7:31	16.6	51.032	33.55	6.98	7.9	15.8	1.158
544	7/1/2008 7:46	16.3	50.608	33.23	7.24	7.97	24.8	1.281
545	7/1/2008 8:01	16.06	50.744	33.33	7.23	7.92	30.4	1.377
546	7/1/2008 8:16	15.97	52.041	34.28	7.17	7.97	37.1	1.476
547	7/1/2008 8:31	15.8	51.678	34.01	7.13	7.91	8	1.594
548	7/1/2008 8:46	15.64	50.741	33.32	7.22	7.8	39.8	1.707
549	7/1/2008 9:01	15.59	51.398	33.8	7.21	7.9	8.3	1.818
550	7/1/2008 9:16	15.51	51.251	33.69	7.27	7.96	8.9	1.914
551	7/1/2008 9:31	15.39	51.985	34.23	7.27	7.98	7.1	2.008
552	7/1/2008 9:46	15.24	51.944	34.19	7.25	7.96	7.7	2.108
553	7/1/2008 10:01	15.17	51.92	34.18	7.27	7.91	8.1	2.197
554	7/1/2008 10:16	15.04	51.887	34.15	7.28	7.9	7.6	2.275
555	7/1/2008 10:31	14.96	51.869	34.13	7.24	7.96	6.9	2.35
556	7/1/2008 10:46	14.62	51.771	34.05	7.31	7.89	44.1	2.435
557	7/1/2008 11:01	14.07	50.893	33.39	7.44	7.88	26.9	2.5
558	7/1/2008 11:16	13.67	51.667	33.94	7.48	7.93	53.7	2.551
559	7/1/2008 11:31	13.37	51.541	33.84	7.58	7.91	48.1	2.619
560	7/1/2008 11:46	13.22	50.805	33.3	7.62	7.88	41.6	2.663
561	7/1/2008 12:01	13.1	51.511	33.81	7.6	7.9	45.5	2.701
562	7/1/2008 12:16	13.1	50.25	32.89	7.38	8.17	31.3	2.726
563	7/1/2008 12:31	13.08	50.215	32.86	5.57	7.79	19.8	2.736
564	7/1/2008 12:46	13.62	50.624	33.18	6.76	7.92	40.6	2.73
565	7/1/2008 13:01	13.26	50.985	33.43	7.38	7.93	36.8	2.695
566	7/1/2008 13:16	13.23	51.499	33.8	7.22	7.91	49	2.658
567	7/1/2008 13:31	13.45	51.472	33.79	7.26	8.04	32.9	2.595
568	7/1/2008 13:46	13.68	50.6	33.16	7.48	7.95	54.4	2.531
569	7/1/2008 14:01	14	51.542	33.86	7.71	7.91	32.3	2.462
570	7/1/2008 14:16	14.28	50.554	33.15	7.67	7.96	54.9	2.382
571	7/1/2008 14:31	14.61	51.429	33.8	7.49	7.91	23.5	2.322
572	7/1/2008 14:46	14.95	51.709	34.01	7.54	7.92	10.7	2.246
573	7/1/2008 15:01	15.37	51.784	34.08	7.57	7.93	5.7	2.202
574	7/1/2008 15:16	15.67	51.83	34.12	7.18	7.92	6	2.138
575	7/1/2008 15:31	15.92	51.893	34.17	7.17	7.77	3.5	2.088
576	7/1/2008 15:46	16.08	51.932	34.2	7.21	7.77	4.8	2.049
577	7/1/2008 16:01	16.1	51.982	34.24	5.69	7.84	2	2.016
578	7/1/2008 16:16	16.1	51.984	34.24	4.76	7.81	1.3	1.99
579	7/1/2008 16:31	16.1	51.956	34.22	3.29	7.7	18.1	1.976
580	7/1/2008 16:46	16.12	50.687	33.29	7.12	8	28.4	1.984
581	7/1/2008 17:01	16.13	50.904	33.45	7.68	8.01	47.4	2.004
582	7/1/2008 17:16	16.04	50.853	33.41	8.11	8.01	68.7	2.03
583	7/1/2008 17:31	16.06	51.595	33.95	7.97	7.93	2.9	2.068
584	7/1/2008 17:46	15.95	51.175	33.64	7.78	8.06	8.5	2.115

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
585	7/1/2008 18:01	15.81	50.873	33.42	7.9	8	9.5	2.186
586	7/1/2008 18:16	15.58	51.378	33.79	7.99	8.01	26.6	2.246
587	7/1/2008 18:31	15.08	50.449	33.09	8.27	8	19.7	2.316
588	7/1/2008 18:46	14.72	51.089	33.55	8.41	7.96	17.6	2.393
589	7/1/2008 19:01	14.74	50.865	33.39	8.14	7.99	5.2	2.468
590	7/1/2008 19:16	13.95	50.299	32.95	8.3	7.99	4.8	2.556
591	7/1/2008 19:31	13.6	50.205	32.87	8.37	7.96	39.6	2.641
592	7/1/2008 19:46	13.25	51.403	33.73	8.48	8.24	47.5	2.733
593	7/1/2008 20:01	13.01	51.221	33.59	8.6	7.93	8.6	2.834
594	7/1/2008 20:16	12.73	51.265	33.61	8.66	7.89	38.9	2.936
595	7/1/2008 20:31	12.54	51.145	33.52	8.72	7.99	11.8	3.022
596	7/1/2008 20:46	12.31	51.041	33.43	8.77	7.94	6.1	3.131
597	7/1/2008 21:01	12.15	51.16	33.51	8.82	7.9	22.1	3.23
598	7/1/2008 21:16	11.98	51.196	33.53	8.76	8.03		3.313
599	7/1/2008 21:31	11.74	51.147	33.48	8.81	8.03	22.8	3.402
600	7/1/2008 21:46	11.57	51.134	33.46	8.84	8.28	16.7	3.48
601	7/1/2008 22:01	11.51	51.191	33.5	8.93	8.01	44.6	3.552
602	7/1/2008 22:16	11.45	51.163	33.47	8.95	8.09	37.3	3.612
603	7/1/2008 22:31	11.45	51.162	33.47	8.85	8.06	40	3.66
604	7/1/2008 22:46	11.44	50.886	33.27	7.84	7.93	0.7	3.708
605	7/1/2008 23:01	11.47	50.897	33.28	6.84	7.91	0.7	3.714
606	7/1/2008 23:16	11.94	51.286	33.59	7.82	8.07	26.2	3.704
607	7/1/2008 23:31	11.76	51.191	33.51	7.7	7.86	32.6	3.67
608	7/1/2008 23:46	11.65	49.812	32.5	8.01	7.86	3.2	3.62
609	7/2/2008 0:01	11.74	50.039	32.67	8.37	7.96	3.4	3.536
610	7/2/2008 0:16	11.86	50.691	33.15	8.61	7.99	4	3.424
611	7/2/2008 0:31	12.58	50.208	32.83	8.43	8.01	4.5	3.328
612	7/2/2008 0:46	12.55	50.424	32.99	8.4	7.98	5.4	3.199
613	7/2/2008 1:01	12.74	50.515	33.06	8.43	8.01	5.5	3.072
614	7/2/2008 1:16	12.75	50.332	32.93	8.38	7.99	3.5	2.94
615	7/2/2008 1:31	12.84	50.255	32.88	8.31	8.01	4	2.798
616	7/2/2008 1:46	13.05	50.454	33.03	8.02	7.99	4.2	2.66
617	7/2/2008 2:01	13.32	51.13	33.54	7.8	7.98	4	2.517
618	7/2/2008 2:16	13.52	51.196	33.59	8.11	7.93	3.5	2.354
619	7/2/2008 2:31	14.03	51.408	33.77	7.74	8.03	37.2	2.207
620	7/2/2008 2:46	14.22	51.442	33.8	7.34	8.03	16.1	2.046
621	7/2/2008 3:01	14.4	51.599	33.92	7.08	8.15		1.884
622	7/2/2008 3:16	14.53	51.619	33.94	7.38	7.96		1.73
623	7/2/2008 3:31	14.82	51.642	33.96	7.72	7.97		1.561
624	7/2/2008 3:46	14.86	51.201	33.64	7.56	7.96	2.7	1.388
625	7/2/2008 4:01	14.92	51.675	33.99	7.64	7.81		1.225
626	7/2/2008 4:16	15.13	51.638	33.97	7.59	7.91	10.1	1.056
627	7/2/2008 4:31	15.42	51.801	34.09	7.53	8.2		0.887
628	7/2/2008 4:46	15.44	51.751	34.06	7.19	7.88	10.3	0.727
629	7/2/2008 5:01	15.52	50.214	32.93	6.45	7.74	4.9	0.573

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
630	7/2/2008 5:16	15.84	51.694	34.02	5.33	7.92	58.2	0.444
631	7/2/2008 5:31	15.81	51.53	33.9	3.22	7.71	1.4	0.353
632	7/2/2008 5:46	15.83	51.809	34.11	2.3	7.49		0.313
633	7/2/2008 6:01	16.06	51.783	34.09	5.79	7.86	8.1	0.321
634	7/2/2008 6:16	16.22	51.881	34.17	6.62	7.77		0.38
635	7/2/2008 6:31	17.02	50.758	33.35	7.5	7.94	8.5	0.459
636	7/2/2008 6:46	16.94	52.095	34.34	7.64	8.01	5.4	0.558
637	7/2/2008 7:01	16.98	50.863	33.43	7.6	7.86	6.8	0.654
638	7/2/2008 7:16	17	52.061	34.31	7.57	8.02	5.1	0.714
639	7/2/2008 7:31	17.01	51.642	34	7.33	8	5.5	0.801
640	7/2/2008 7:46	17.02	51.87	34.17	7.51	7.98		0.89
641	7/2/2008 8:01	16.96	51.885	34.18	7.43	7.98	15.4	0.952
642	7/2/2008 8:16	16.86	51.896	34.19	7.54	7.98		1.044
643	7/2/2008 8:31	16.63	51.861	34.16	7.74	7.99	9.2	1.162
644	7/2/2008 8:46	16.37	50.481	33.14	7.77	7.84	8.2	1.252
645	7/2/2008 9:01	16.21	51.884	34.17	7.7	8.07	17.5	1.364
646	7/2/2008 9:16	15.89	50.365	33.05	7.74	8	11.7	1.487
647	7/2/2008 9:31	15.76	50.305	33	7.76	7.98	12.1	1.611
648	7/2/2008 9:46	15.77	50.458	33.11	7.81	7.99	10.3	1.729
649	7/2/2008 10:01	15.7	50.358	33.04	7.83	7.99	9.2	1.838
650	7/2/2008 10:16	15.51	50.383	33.05	7.82	7.99	9.2	1.953
651	7/2/2008 10:31	15.34	51.777	34.07	7.82	8.07	13.8	2.063
652	7/2/2008 10:46	15.24	50.17	32.89	7.83	7.94	9.7	2.153
653	7/2/2008 11:01	15.08	51.682	34	7.82	7.99	12.1	2.246
654	7/2/2008 11:16	14.79	51.153	33.6	7.89	8.21	18.5	2.341
655	7/2/2008 11:31	14.32	49.98	32.73	8.02	7.99	11.4	2.419
656	7/2/2008 11:46	13.46	50.419	33.02	8.26	8.01	12	2.501
657	7/2/2008 12:01	13.12	50.109	32.78	8.35	8	12.6	2.565
658	7/2/2008 12:16	13.02	51.247	33.61	8.37	8.01	22.9	2.635
659	7/2/2008 12:31	13.01	49.916	32.64	8.4	8.01	11.2	2.697
660	7/2/2008 12:46	12.88	50.41	32.99	8.36	7.99	6.7	2.74
661	7/2/2008 13:01	12.87	50.309	32.92	8.24	8.01	4.9	2.785
662	7/2/2008 13:16	12.76	51.095	33.49	7.63	7.96	47.9	2.804
663	7/2/2008 13:31	13.19	51.104	33.51	7.13	7.93	3.6	2.814
664	7/2/2008 13:46	13.04	50.509	33.07	8.06	7.86	4.4	2.778
665	7/2/2008 14:01	12.9	50.599	33.13	7.43	7.83	2.9	2.75
666	7/2/2008 14:16	12.97	50.164	32.82	7.44	7.95	78.9	2.703
667	7/2/2008 14:31	13.31	49.916	32.65	8.21	7.98	10.2	2.626
668	7/2/2008 14:46	13.52	50.252	32.9	8.53	8.01	19.6	2.547
669	7/2/2008 15:01	14.11	50.279	32.94	8.8	8.04	7.4	2.478
670	7/2/2008 15:16	14.49	51.254	33.67	8.82	8.06	8.7	2.404
671	7/2/2008 15:31	15	51.159	33.61	8.84	8.06	4.4	2.319
672	7/2/2008 15:46	15.25	50.032	32.79	8.72	8.07	3.4	2.253
673	7/2/2008 16:01	15.77	50.055	32.82	8.81	8	3.7	2.189
674	7/2/2008 16:16	16.16	51.27	33.72	8.52	8.04	2.9	2.125

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
675	7/2/2008 16:31	16.36	51.023	33.54	8.31	7.98	3.3	2.077
676	7/2/2008 16:46	16.36	51.728	34.06	8.39	8.04		2.026
677	7/2/2008 17:01	16.45	50.127	32.88	8.57	8.04	1.8	1.997
678	7/2/2008 17:16	16.6	50.268	32.99	8.33	8.05	1	1.962
679	7/2/2008 17:31	16.64	50.935	33.48	7.58	8	1.2	1.943
680	7/2/2008 17:46	16.7	50.968	33.5	9.76	8.08	4.7	1.944
681	7/2/2008 18:01	16.59	51.611	33.98	9.65	8.11	5.4	1.946
682	7/2/2008 18:16	16.62	51.716	34.05	9.44	8.05	4.5	1.961
683	7/2/2008 18:31	16.55	51.685	34.03	9.55	8.12	5.5	2.01
684	7/2/2008 18:46	16.5	50.231	32.96	9.43	8.09	11.8	2.064
685	7/2/2008 19:01	16.36	51.514	33.9	9.23	8.08	7.3	2.118
686	7/2/2008 19:16	16.4	50.139	32.89	9.24	8.03	11.5	2.198
687	7/2/2008 19:31	16.03	50.081	32.84	9.21	8.02	17.8	2.279
688	7/2/2008 19:46	15.63	50.133	32.87	9.13	8.05	9.2	2.364
689	7/2/2008 20:01	15.23	50.034	32.79	8.93	8.06	10.6	2.444
690	7/2/2008 20:16	14.28	51.189	33.61	8.7	8.01	75.2	2.528
691	7/2/2008 20:31	13.93	51.343	33.72	8.65	8.03	54	2.62
692	7/2/2008 20:46	13.71	49.883	32.64	8.71	8.03	7.9	2.719
693	7/2/2008 21:01	13.38	50.829	33.32	8.64	8.03	16.5	2.81
694	7/2/2008 21:16	12.88	50.618	33.15	8.62	7.94	9.2	2.911
695	7/2/2008 21:31	12.46	49.825	32.55	8.6	8	38.3	3.019
696	7/2/2008 21:46	12.1	51.22	33.55	8.45	8.02	67.3	3.112
697	7/2/2008 22:01	11.73	51.053	33.41	8.45	8.11	97.2	3.214
698	7/2/2008 22:16	11.51	50.288	32.84	8.43	7.92	33.4	3.31
699	7/2/2008 22:31	11.37	51.184	33.49	8.4	7.99	47.4	3.392
700	7/2/2008 22:46	11.32	51.136	33.45	8.51	8	58.2	3.484
701	7/2/2008 23:01	11.29	51.098	33.42	8.51	8.03	36.2	3.549
702	7/2/2008 23:16	11.29	51.175	33.47	8.38	8.02	2.9	3.603
703	7/2/2008 23:31	11.28	51.175	33.47	8.21	8.03	2.1	3.666
704	7/2/2008 23:46	11.27	51.217	33.5	8.07	8.01	12.1	3.688
705	7/3/2008 0:01	11.41	50.466	32.97	7.12	7.96	3.7	3.693
706	7/3/2008 0:16	11.63	51.056	33.41	7.49	7.99	77.7	3.691
707	7/3/2008 0:31	11.6	51.116	33.45	8.15	8.03	65.2	3.654
708	7/3/2008 0:46	11.41	50.923	33.3	8.35	8.03	21.3	3.588
709	7/3/2008 1:01	11.58	50.645	33.1	8.17	8.03	14.2	3.509
710	7/3/2008 1:16	13.08	49.815	32.57	7.91	7.98	13.2	3.407
711	7/3/2008 1:31	12.46	51.289	33.62	7.6	7.99	9.5	3.281
712	7/3/2008 1:46	12.71	51.197	33.56	7.41	7.96	3.4	3.155
713	7/3/2008 2:01	12.61	51.282	33.62	7.56	7.98	7.1	3.022
714	7/3/2008 2:16	12.69	51.279	33.62	7.95	8.01	3.4	2.881
715	7/3/2008 2:31	12.94	51.243	33.6	8.14	8.02		2.741
716	7/3/2008 2:46	13.24	50.03	32.73	7.6	7.82	6.1	2.598
717	7/3/2008 3:01	13.56	51.329	33.69	7.73	8.02		2.446
718	7/3/2008 3:16	13.81	50.077	32.79	7.6	7.95	8.7	2.288
719	7/3/2008 3:31	14.16	51.127	33.56	7.4	7.98	27.3	2.122

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	7/3/2008 3:46	14.36	51.045	33.51	7.12	7.81	11.4	1.965
721	7/3/2008 4:01	14.37	50.648	33.22	6.89	7.93	14.2	1.799
722	7/3/2008 4:16	14.73	51.047	33.52	7.23	7.98	8.8	1.639
723	7/3/2008 4:31	14.9	51.348	33.75	7	7.92	7.1	1.458
724	7/3/2008 4:46	14.86	50.044	32.79	6.98	7.97	3	1.275
725	7/3/2008 5:01	15.21	51.577	33.92	6.84	7.91		1.115
726	7/3/2008 5:16	15.49	51.487	33.86	7.03	7.94	9.6	0.936
727	7/3/2008 5:31	15.63	51.379	33.79	6.76	7.96	3.7	0.768
728	7/3/2008 5:46	15.7	51.645	33.98	5.01	7.78		0.593
729	7/3/2008 6:01	15.75	51.647	33.99	2.72	7.7		0.452
730	7/3/2008 6:16	15.73	51.687	34.02	2.66	7.89		0.355
731	7/3/2008 6:31	15.5	50.943	33.46	1.2	7.77	2.9	0.25
732	7/3/2008 6:46	16.04	50.796	33.37	3.54	7.79	18.3	0.272
733	7/3/2008 7:01	15.95	51.007	33.52	2.51	7.53	4	0.308
734	7/3/2008 7:16	16.94	51.909	34.2	5.12	8.03		0.368
735	7/3/2008 7:31	17.39	51.537	33.93	7.11	7.96	1.8	0.493
736	7/3/2008 7:46	17.5	50.398	33.09	7.29	8.02	3.1	0.605
737	7/3/2008 8:01	17.58	51.967	34.25	7.52	8.25	8.2	0.68
738	7/3/2008 8:16	17.59	50.436	33.12	7.85	8.04	5.6	0.762
739	7/3/2008 8:31	17.65	51.776	34.11	7.57	8.04	5.7	0.842
740	7/3/2008 8:46	17.54	50.997	33.53	7.44	8.02	6.3	0.934
741	7/3/2008 9:01	17.45	50.39	33.09	7.62	8.03	17.8	1.017
742	7/3/2008 9:16	17.21	50.471	33.15	7.8	8.02	7.1	1.117
743	7/3/2008 9:31	16.87	51.325	33.77	7.86	8.02	45.3	1.232
744	7/3/2008 9:46	16.69	51.764	34.09	7.91	7.99	8.4	1.343
745	7/3/2008 10:01	16.48	51.757	34.08	7.95	7.98	8.6	1.466
746	7/3/2008 10:16	16.23	50.494	33.15	7.96	8.24	9.9	1.584
747	7/3/2008 10:31	16.22	50.544	33.19	7.98	8.03	9.4	1.71
748	7/3/2008 10:46	16.22	51.721	34.05	7.99	8.04	11	1.834
749	7/3/2008 11:01	16.1	51.7	34.03	7.98	7.98	10.9	1.946
750	7/3/2008 11:16	15.93	50.102	32.86	8.02	8.03	9.5	2.058
751	7/3/2008 11:31	15.76	50.225	32.94	7.99	8.02	11.1	2.162
752	7/3/2008 11:46	15.32	51.508	33.88	7.94	8.1	9.6	2.257
753	7/3/2008 12:01	14.87	50.222	32.92	7.95	8.24	12.2	2.353
754	7/3/2008 12:16	14.31	51.395	33.77	7.89	8.01	10.3	2.432
755	7/3/2008 12:31	13.53	51.334	33.69	7.92	7.98		2.518
756	7/3/2008 12:46	13.29	51.068	33.49	7.96	7.88	9.5	2.597
757	7/3/2008 13:01	13.17	50.596	33.14	7.98	7.99	9.6	2.671
758	7/3/2008 13:16	13.02	51.286	33.64	8	8.11	8.5	2.73
Mean		14.92	51.01	33.49	6.95	7.92	8.25	2.13
Minimum		11.18	49.81	32.50	1.20	7.49	0.40	0.25
Maximum		17.65	52.32	34.51	9.76	8.28	97.20	3.71
Standard Dev.		1.66	0.46	0.36	1.01	0.09	11.68	0.74

Parameter	Criteria	Source

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

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

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	7/3/2008 14:01	12.59	50.774	33.25	8.88	7.75	3.1	2.885
1	7/3/2008 14:16	12.64	50.845	33.3	8.07	7.85	2.2	2.912
2	7/3/2008 14:31	12.99	51.195	33.57	7.84	7.88	1.5	2.891
3	7/3/2008 14:46	12.7	51.176	33.55	8.53	7.89	5.9	2.854
4	7/3/2008 15:01	12.76	51.175	33.55	8.39	7.9	7	2.809
5	7/3/2008 15:16	13.37	50.292	32.93	8.64	7.96	6	2.729
6	7/3/2008 15:31	13.5	51.08	33.51	8.61	7.94	6.5	2.642
7	7/3/2008 15:46	13.85	50.935	33.41	8.71	7.78	7	2.557
8	7/3/2008 16:01	14.31	51.118	33.56	8.84	7.91	5.7	2.474
9	7/3/2008 16:16	14.89	50.89	33.41	9.21	7.99	7.1	2.378
10	7/3/2008 16:31	15.11	51.1	33.57	9.02	8.01	5.4	2.297
11	7/3/2008 16:46	15.69	50.977	33.49	9.02	8.02	12.3	2.226
12	7/3/2008 17:01	16.09	51.427	33.83	8.76	8.02	2.7	2.162
13	7/3/2008 17:16	16.23	51.423	33.83	8.73	8.21	2	2.086
14	7/3/2008 17:31	16.24	50.999	33.52	8.73	8.01	1.7	2.029
15	7/3/2008 17:46	16.43	51.453	33.86	9.14	8.05	1.8	1.978
16	7/3/2008 18:01	16.62	51.35	33.78	9.74	8.27	2.1	1.935
17	7/3/2008 18:16	16.57	50.658	33.27	9.02	7.99	1.2	1.899
18	7/3/2008 18:31	16.81	50.605	33.24	10.12	8.1	1.6	1.888
19	7/3/2008 18:46	16.63	51.101	33.6	10.17	8.14	2.5	1.888
20	7/3/2008 19:01	16.98	50.671	33.29	9.91	8.09	2.1	1.872
21	7/3/2008 19:16	17.03	50.767	33.36	9.76	8.08	2.9	1.924
22	7/3/2008 19:31	16.97	51.531	33.92	9.54	8.06	3.8	1.969
23	7/3/2008 19:46	16.86	51.53	33.92	9.35	8.07	4.2	2.02
24	7/3/2008 20:01	16.74	50.815	33.39	9.25	8.04	5.1	2.089
25	7/3/2008 20:16	16.58	50.833	33.4	9.14	8.02	5.9	2.166
26	7/3/2008 20:31	16.12	51.397	33.81	9.1	8.02	5.1	2.25
27	7/3/2008 20:46	15.73	51.185	33.65	9.09	8.01	5.1	2.33
28	7/3/2008 21:01	15.01	51.267	33.69	8.92	7.99	5.6	2.42
29	7/3/2008 21:16	14.51	50.976	33.46	8.75	7.97	6.2	2.503
30	7/3/2008 21:31	14.22	50.461	33.08	8.7	8.01	6.4	2.605
31	7/3/2008 21:46	13.87	50.485	33.09	8.72	7.93	6.7	2.695
32	7/3/2008 22:01	13.32	50.465	33.05	8.74	7.92	5.9	2.797
33	7/3/2008 22:16	12.93	50.498	33.06	8.71	7.89	6.7	2.904
34	7/3/2008 22:31	12.41	51.083	33.46	8.65	7.94	7.7	3.003
35	7/3/2008 22:46	11.91	51.131	33.48	8.5	7.93	7.4	3.105
36	7/3/2008 23:01	11.42	51.162	33.47	8.4	8.17	6.5	3.21
37	7/3/2008 23:16	11.15	50.9	33.27	8.33	7.9	9.7	3.305
38	7/3/2008 23:31	11.09	50.609	33.05	8.35	7.88	4.2	3.394
39	7/3/2008 23:46	11.05	51.146	33.44	8.37	7.91	3.7	3.474
40	7/4/2008 0:01	11.02	50.343	32.85	8.46	7.97	2.6	3.547
41	7/4/2008 0:16	11.02	51.101	33.4	8.37	7.92	1.9	3.606
42	7/4/2008 0:31	11	50.722	33.13	8.19	7.9	0.5	3.643
43	7/4/2008 0:46	11.05	50.791	33.18	7.92	7.89	0	3.672

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
44	7/4/2008 1:01	11.15	51.061	33.38	7.42	7.89	0	3.697
45	7/4/2008 1:16	11.37	51.149	33.46	8.14	8.18	1.1	3.669
46	7/4/2008 1:31	11.13	50.871	33.24	8.42	7.91	3.1	3.613
47	7/4/2008 1:46	11.14	51.119	33.43	8.17	7.92	2	3.564
48	7/4/2008 2:01	11.38	50.2	32.77	8.21	7.98	4.3	3.465
49	7/4/2008 2:16	12.52	51.18	33.54	7.98	7.9	5.1	3.353
50	7/4/2008 2:31	12.17	50.897	33.32	7.81	7.87	3.7	3.234
51	7/4/2008 2:46	12.47	50.843	33.29	7.75	7.89	3.9	3.098
52	7/4/2008 3:01	12.4	51.159	33.52	8.08	8.18	5.3	2.974
53	7/4/2008 3:16	12.44	51.117	33.49	8.07	7.94	7	2.832
54	7/4/2008 3:31	12.78	50.26	32.88	7.87	7.97	4.9	2.671
55	7/4/2008 3:46	13.31	51.034	33.47	7.55	7.91	5.2	2.536
56	7/4/2008 4:01	13.65	51.101	33.53	7.67	7.92	5.4	2.39
57	7/4/2008 4:16	13.67	51.261	33.65	7.46	8.15	2.5	2.22
58	7/4/2008 4:31	13.95	50.352	32.99	7.54	7.92	2.7	2.068
59	7/4/2008 4:46	14.14	51.191	33.61	7.68	7.94	4.1	1.906
60	7/4/2008 5:01	14.32	50.772	33.31	7.58	7.94	4	1.734
61	7/4/2008 5:16	14.68	51.025	33.5	7.46	7.93	4.2	1.574
62	7/4/2008 5:31	14.9	51.354	33.75	7.51	7.96	3.9	1.398
63	7/4/2008 5:46	15.12	51.326	33.74	7.26	7.92	3.4	1.216
64	7/4/2008 6:01	15.21	50.69	33.27	6.8	7.9	2.8	1.054
65	7/4/2008 6:16	15.38	51.38	33.78	6.66	7.89	2.3	0.883
66	7/4/2008 6:31	15.64	51.34	33.76	6.04	7.87	1.2	0.705
67	7/4/2008 6:46	16.26	51.365	33.79	6.99	7.95	2.3	0.577
68	7/4/2008 7:01	16.54	51.371	33.8	6.24	7.87	2.9	0.446
69	7/4/2008 7:16	16.58	50.795	33.38	5.76	7.82	1.7	0.348
70	7/4/2008 7:31	16.5	51.475	33.87	3.73	7.72	1	0.328
71	7/4/2008 7:46	16.75	50.923	33.47	4.74	7.74	2	0.368
72	7/4/2008 8:01	17.13	51.594	33.97	4.24	7.71	1.6	0.424
73	7/4/2008 8:16	17.69	51.093	33.61	7.33	7.95	2.7	0.554
74	7/4/2008 8:31	17.78	51.161	33.66	7.45	7.98	3.1	0.66
75	7/4/2008 8:46	17.78	51.525	33.93	7.55	7.98	3.2	0.749
76	7/4/2008 9:01	17.76	51.371	33.81	7.48	7.97	3.4	0.829
77	7/4/2008 9:16	17.79	50.831	33.42	7.17	7.95	3.5	0.898
78	7/4/2008 9:31	17.7	51.483	33.89	7.26	7.95	4.1	0.997
79	7/4/2008 9:46	17.63	50.566	33.22	7.24	7.94	4.9	1.098
80	7/4/2008 10:01	17.33	50.809	33.39	7.32	7.94	5.6	1.172
81	7/4/2008 10:16	17.03	51.448	33.86	7.5	7.95	6.5	1.283
82	7/4/2008 10:31	16.76	51.451	33.86	7.61	7.94	6.6	1.422
83	7/4/2008 10:46	16.54	51.24	33.7	7.57	7.94	5.7	1.533
84	7/4/2008 11:01	16.32	50.709	33.31	7.69	7.94	5.6	1.655
85	7/4/2008 11:16	16.29	50.98	33.51	7.71	7.94	5.6	1.784
86	7/4/2008 11:31	16.31	51.21	33.68	7.67	7.94	4.8	1.905
87	7/4/2008 11:46	16.17	51.295	33.74	7.67	7.94	4.7	2.024

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
88	7/4/2008 12:01	16.03	51.377	33.79	7.63	7.96	4.4	2.136
89	7/4/2008 12:16	15.76	51.036	33.54	7.69	7.93	4	2.238
90	7/4/2008 12:31	15.38	51.291	33.72	7.66	7.92	4.8	2.34
91	7/4/2008 12:46	15.01	51.202	33.64	7.75	7.92	4.3	2.429
92	7/4/2008 13:01	14.36	51.152	33.59	7.81	7.89	5.7	2.52
93	7/4/2008 13:16	13.69	50.94	33.41	7.72	7.86	5.1	2.605
94	7/4/2008 13:31	13.43	50.37	32.99	7.85	7.84	4.7	2.685
95	7/4/2008 13:46	13.36	51.125	33.54	7.75	7.85	5.1	2.764
96	7/4/2008 14:01	13	50.534	33.09	7.82	7.94	4.8	2.835
97	7/4/2008 14:16	12.75	51.09	33.48	7.84	7.85	3.8	2.892
98	7/4/2008 14:31	12.5	51.08	33.47	7.96	8.14	2.7	2.951
99	7/4/2008 14:46	12.37	51.029	33.42	7.89	7.89	1.8	2.985
100	7/4/2008 15:01	12.34	51.008	33.41	6.96	7.85	0.8	2.995
101	7/4/2008 15:16	12.81	50.953	33.39	7.09	7.85	1.6	2.985
102	7/4/2008 15:31	12.51	50.958	33.38	7.35	7.85	1.2	2.947
103	7/4/2008 15:46	12.65	50.905	33.35	7.96	7.87	5.7	2.898
104	7/4/2008 16:01	13.23	50.914	33.38	8.2	7.9	6	2.828
105	7/4/2008 16:16	13.76	50.99	33.45	7.77	7.88	4.2	2.731
106	7/4/2008 16:31	14.34	51.029	33.5	7.86	7.94	2.5	2.644
107	7/4/2008 16:46	14.59	51.029	33.51	7.28	7.9	2.6	2.542
108	7/4/2008 17:01	15.15	51.018	33.51	8.19	7.98	2.7	2.454
109	7/4/2008 17:16	15.62	51.082	33.57	8.51	8.02	3.8	2.364
110	7/4/2008 17:31	15.97	51.173	33.64	8.43	8.01	4.9	2.286
111	7/4/2008 17:46	16.4	51.252	33.71	8.61	8.05	3.4	2.199
112	7/4/2008 18:01	16.61	51.18	33.66	8.96	8.04	2.4	2.125
113	7/4/2008 18:16	16.7	51.205	33.68	8.91	8.04	0.5	2.066
114	7/4/2008 18:31	16.75	51.184	33.66	8.37	8.01	0.5	1.992
115	7/4/2008 18:46	17.01	51.215	33.69	9.33	8.09	1.4	1.937
116	7/4/2008 19:01	17.44	51.228	33.7	9.27	8.07	0.5	1.9
117	7/4/2008 19:16	17.6	51.206	33.69	8.14	8.02	0	1.863
118	7/4/2008 19:31	17.79	51.274	33.74	7.62	8.01	0.1	1.846
119	7/4/2008 19:46	17.84	51.332	33.78	8.04	8.02	0.5	1.829
120	7/4/2008 20:01	17.72	51.31	33.77	10.07	8.12	3.5	1.857
121	7/4/2008 20:16	17.65	51.256	33.73	9.93	8.1	3.5	1.899
122	7/4/2008 20:31	17.61	51.308	33.76	9.42	8.07	4.2	1.937
123	7/4/2008 20:46	17.59	51.144	33.64	9.31	8.06	4.6	1.993
124	7/4/2008 21:01	17.56	50.995	33.53	9.11	8.04	5.6	2.085
125	7/4/2008 21:16	17.37	51.101	33.61	8.98	8.03	6	2.17
126	7/4/2008 21:31	16.8	51.228	33.7	9	8.02	5.5	2.24
127	7/4/2008 21:46	16.38	51.162	33.64	8.89	8.01	5.6	2.33
128	7/4/2008 22:01	15.61	51.103	33.58	8.68	7.98	5.6	2.42
129	7/4/2008 22:16	15.01	51.069	33.55	8.45	7.95	5.4	2.505
130	7/4/2008 22:31	14.7	51.051	33.52	8.4	7.94	6.8	2.595
131	7/4/2008 22:46	14.34	51.088	33.54	8.43	7.91	6.3	2.684

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
132	7/4/2008 23:01	13.86	50.981	33.45	8.47	7.91	6.5	2.786
133	7/4/2008 23:16	13.43	50.94	33.4	8.49	7.9	8.6	2.88
134	7/4/2008 23:31	13.06	50.95	33.4	8.46	7.9	7.3	2.972
135	7/4/2008 23:46	12.51	50.971	33.39	8.44	7.92	7.3	3.071
136	7/5/2008 0:01	12.04	51.002	33.39	8.41	7.91	6.3	3.168
137	7/5/2008 0:16	11.7	50.905	33.3	8.44	7.88	5	3.254
138	7/5/2008 0:31	11.64	50.927	33.31	8.46	7.89	4.2	3.336
139	7/5/2008 0:46	11.6	50.872	33.27	8.52	7.9	3.7	3.412
140	7/5/2008 1:01	11.56	50.955	33.33	8.51	7.9	2.7	3.478
141	7/5/2008 1:16	11.53	50.894	33.28	8.53	7.9	2.3	3.529
142	7/5/2008 1:31	11.53	50.874	33.27	8.34	7.89	1.6	3.566
143	7/5/2008 1:46	11.52	50.917	33.3	7.44	7.87	0	3.587
144	7/5/2008 2:01	11.78	50.924	33.32	7.39	7.84	1.3	3.581
145	7/5/2008 2:16	11.86	50.979	33.36	7.99	7.89	2.6	3.545
146	7/5/2008 2:31	11.61	50.86	33.26	8.24	7.9	3.1	3.491
147	7/5/2008 2:46	11.89	50.807	33.24	8.18	7.96	2.6	3.415
148	7/5/2008 3:01	13.94	50.998	33.46	7.77	7.94	4.9	3.306
149	7/5/2008 3:16	12.76	50.967	33.4	7.91	7.92	2.7	3.195
150	7/5/2008 3:31	13.08	50.95	33.4	7.8	7.89	4.7	3.078
151	7/5/2008 3:46	13.15	50.963	33.41	7.93	7.94	5.6	2.948
152	7/5/2008 4:01	13.41	51.102	33.52	7.92	7.93	8.1	2.808
153	7/5/2008 4:16	13.59	51.002	33.45	7.74	7.91	5.5	2.671
154	7/5/2008 4:31	14.05	51.139	33.57	7.6	7.88	2.6	2.548
155	7/5/2008 4:46	14.49	51.035	33.51	7.53	7.9	8.5	2.393
156	7/5/2008 5:01	14.68	51.136	33.59	7.48	7.9	4.2	2.237
157	7/5/2008 5:16	14.81	51.175	33.62	7.56	7.9	4	2.087
158	7/5/2008 5:31	14.94	51.229	33.66	7.41	7.91	4	1.942
159	7/5/2008 5:46	15.28	51.236	33.68	7.41	7.91	5.7	1.781
160	7/5/2008 6:01	15.59	51.269	33.71	7.23	7.91	3.5	1.613
161	7/5/2008 6:16	15.96	51.296	33.73	7.11	7.9	3.1	1.451
162	7/5/2008 6:31	16.09	51.265	33.71	6.98	7.9	3.1	1.279
163	7/5/2008 6:46	16.22	51.286	33.73	7.13	7.91	6.5	1.106
164	7/5/2008 7:01	16.45	51.294	33.74	7.12	7.93	5.4	0.949
165	7/5/2008 7:16	16.57	51.367	33.8	7.23	7.94	4.8	0.795
166	7/5/2008 7:31	16.8	51.268	33.73	7.23	7.94	4.5	0.652
167	7/5/2008 7:46	17.14	51.337	33.78	7.09	7.95	3.2	0.551
168	7/5/2008 8:01	17.4	51.349	33.79	6.92	7.94	2	0.468
169	7/5/2008 8:16	17.08	51.224	33.7	6.5	7.9	1.5	0.44
170	7/5/2008 8:31	18.45	51.53	33.93	7.45	7.99	5	0.471
171	7/5/2008 8:46	18.71	51.604	33.99	7.53	8	4.4	0.534
172	7/5/2008 9:01	18.44	51.35	33.8	7.57	7.99	5.4	0.639
173	7/5/2008 9:16	18.55	51.528	33.93	7.57	7.98	6.2	0.737
174	7/5/2008 9:31	18.58	51.542	33.94	7.61	7.98	5.8	0.83
175	7/5/2008 9:46	18.63	51.413	33.85	7.51	7.97	6.2	0.921

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
176	7/5/2008 10:01	18.67	51.36	33.81	7.27	7.95	6.8	0.997
177	7/5/2008 10:16	18.54	51.327	33.78	7.28	7.95	6.8	1.083
178	7/5/2008 10:31	18.24	51.191	33.68	7.32	7.94	6.7	1.178
179	7/5/2008 10:46	17.88	51.194	33.68	7.45	7.95	9.5	1.279
180	7/5/2008 11:01	17.6	51.298	33.76	7.52	7.94	7.1	1.382
181	7/5/2008 11:16	17.32	51.297	33.75	7.57	7.94	7.2	1.503
182	7/5/2008 11:31	17.02	51.23	33.7	7.6	7.94	7.9	1.625
183	7/5/2008 11:46	16.9	51.091	33.6	7.63	7.93	9.2	1.745
184	7/5/2008 12:01	16.87	51.224	33.69	7.66	7.94	8.1	1.877
185	7/5/2008 12:16	16.79	51.248	33.71	7.69	7.94	9.7	1.987
186	7/5/2008 12:31	16.65	51.222	33.69	7.74	7.94	9.6	2.113
187	7/5/2008 12:46	16.51	51.114	33.61	7.76	7.93	9.9	2.214
188	7/5/2008 13:01	16.18	51.17	33.64	7.76	7.93	11.4	2.314
189	7/5/2008 13:16	15.77	50.907	33.44	7.8	7.92	11.7	2.417
190	7/5/2008 13:31	15.01	51.025	33.51	7.84	7.87	12.2	2.505
191	7/5/2008 13:46	14.32	50.923	33.42	7.9	7.9	10.6	2.594
192	7/5/2008 14:01	13.96	50.928	33.41	7.95	7.86	10.3	2.677
193	7/5/2008 14:16	13.83	50.868	33.36	7.98	7.87	9.3	2.759
194	7/5/2008 14:31	13.61	50.896	33.38	8.09	7.9	8.1	2.832
195	7/5/2008 14:46	13.43	50.821	33.31	8.21	7.91	7.1	2.9
196	7/5/2008 15:01	13.21	50.801	33.29	8.28	7.92	5.6	2.958
197	7/5/2008 15:16	13	50.868	33.33	8.34	7.89	4.3	3.001
198	7/5/2008 15:31	12.9	50.874	33.33	8.32	7.89	2.9	3.028
199	7/5/2008 15:46	13.25	50.91	33.37	7.42	7.85	1.7	3.032
200	7/5/2008 16:01	13.31	50.876	33.35	7.7	7.89	1.6	3.012
201	7/5/2008 16:16	13.01	50.923	33.37	7.89	7.9	3.1	2.97
202	7/5/2008 16:31	13.48	50.706	33.23	8.21	7.93	6.2	2.892
203	7/5/2008 16:46	14.75	50.99	33.48	8.51	7.97	11	2.819
204	7/5/2008 17:01	14.75	50.945	33.45	8.52	7.97	6.5	2.726
205	7/5/2008 17:16	15.06	50.946	33.46	8.57	7.98	7.8	2.631
206	7/5/2008 17:31	15.46	50.637	33.24	8.67	7.99	7	2.53
207	7/5/2008 17:46	16.19	51	33.52	8.75	8.01	4.9	2.436
208	7/5/2008 18:01	16.35	50.85	33.41	8.89	8.02	5.6	2.351
209	7/5/2008 18:16	16.75	50.786	33.37	8.94	8.04	5.6	2.263
210	7/5/2008 18:31	17.02	50.865	33.43	8.94	8.04	4.6	2.173
211	7/5/2008 18:46	17.22	50.737	33.34	9.23	8.05	4	2.094
212	7/5/2008 19:01	17.36	51.123	33.63	9.43	8.09	3.1	2.029
213	7/5/2008 19:16	17.79	50.992	33.53	9.77	8.09	2.8	1.947
214	7/5/2008 19:31	18.1	51.146	33.65	10	8.11	2.9	1.881
215	7/5/2008 19:46	18.14	51.224	33.71	10.02	8.12	2.4	1.819
216	7/5/2008 20:01	18.45	51.075	33.6	9.9	8.1	2.4	1.781
217	7/5/2008 20:16	18.75	51.045	33.58	9.5	8.09	2.2	1.753
218	7/5/2008 20:31	18.85	51.194	33.69	8.88	8.07	0.4	1.734
219	7/5/2008 20:46	18.66	51.065	33.59	9.04	8.06	3.2	1.74

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
220	7/5/2008 21:01	18.48	51.23	33.71	9.98	8.1	4.4	1.764
221	7/5/2008 21:16	18.45	50.952	33.51	9.52	8.07	4.9	1.815
222	7/5/2008 21:31	18.48	51.171	33.67	9.26	8.06	4.9	1.866
223	7/5/2008 21:46	18.35	51.293	33.76	9.13	8.05	5.4	1.932
224	7/5/2008 22:01	18.53	51.329	33.79	8.96	8.06	5.9	2.014
225	7/5/2008 22:16	18.37	51.174	33.67	8.91	8.03	5.8	2.107
226	7/5/2008 22:31	17.77	50.838	33.42	8.95	8.01	6.8	2.189
227	7/5/2008 22:46	17.35	50.887	33.45	8.84	8	5.9	2.257
228	7/5/2008 23:01	16.8	50.468	33.14	8.66	7.98	5	2.348
229	7/5/2008 23:16	15.86	51.117	33.6	8.39	7.95	5.4	2.428
230	7/5/2008 23:31	15.51	50.987	33.5	8.41	7.95	6.3	2.509
231	7/5/2008 23:46	15.29	50.918	33.44	8.44	7.92	6.2	2.584
232	7/6/2008 0:01	14.94	50.991	33.49	8.51	7.95	5.7	2.676
233	7/6/2008 0:16	14.42	50.798	33.33	8.59	7.92	5.9	2.762
234	7/6/2008 0:31	14.09	50.76	33.29	8.61	7.95	5.7	2.85
235	7/6/2008 0:46	13.76	50.749	33.27	8.64	7.94	6.2	2.938
236	7/6/2008 1:01	13.19	50.911	33.37	8.64	7.91	6.1	3.023
237	7/6/2008 1:16	12.61	50.923	33.36	8.58	8.16	5.4	3.112
238	7/6/2008 1:31	12.23	50.873	33.3	8.57	7.9	4.3	3.18
239	7/6/2008 1:46	12.07	50.802	33.24	8.54	7.9	3.1	3.251
240	7/6/2008 2:01	12.09	50.866	33.29	8.48	7.9	2.3	3.306
241	7/6/2008 2:16	12.03	50.755	33.21	8.49	7.9	2.3	3.343
242	7/6/2008 2:31	11.99	50.638	33.12	8.35	7.9	0.7	3.365
243	7/6/2008 2:46	12.35	50.784	33.24	7.39	7.85	0	3.366
244	7/6/2008 3:01	12.36	50.229	32.84	7.59	7.94	1	3.358
245	7/6/2008 3:16	12.06	50.723	33.19	7.63	7.88	1.6	3.311
246	7/6/2008 3:31	12.11	50.374	32.93	8.21	7.89	1.8	3.238
247	7/6/2008 3:46	12.81	50.81	33.28	8.05	8.15	3.1	3.158
248	7/6/2008 4:01	13.36	50.839	33.33	7.78	7.9	2.4	3.062
249	7/6/2008 4:16	13.99	50.699	33.25	7.76	7.92	3.8	2.946
250	7/6/2008 4:31	14.18	50.78	33.31	7.65	7.92	3.5	2.833
251	7/6/2008 4:46	14.35	50.476	33.09	7.83	7.9	5.2	2.707
252	7/6/2008 5:01	14.64	50.875	33.39	7.64	7.9	2.6	2.586
253	7/6/2008 5:16	15.36	50.938	33.46	7.35	7.92	3.5	2.468
254	7/6/2008 5:31	15.75	50.767	33.34	7.41	7.93	3.6	2.339
255	7/6/2008 5:46	16.2	51.079	33.58	7.26	7.93	5.4	2.203
256	7/6/2008 6:01	16.29	51.01	33.53	6.97	7.91	4.3	2.07
257	7/6/2008 6:16	15.93	51.022	33.53	7.38	7.92	4.5	1.932
258	7/6/2008 6:31	15.95	50.75	33.33	7.29	7.91	8.1	1.776
259	7/6/2008 6:46	16.11	51.017	33.53	7.16	7.91	3.3	1.623
260	7/6/2008 7:01	16.15	51	33.52	6.94	7.89	4.3	1.473
261	7/6/2008 7:16	16.34	50.898	33.45	6.8	7.89	3.4	1.328
262	7/6/2008 7:31	16.64	50.914	33.46	6.62	7.89	2	1.172
263	7/6/2008 7:46	16.92	50.902	33.46	6.55	7.89	2.3	1.021

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
264	7/6/2008 8:01	17.26	51.051	33.57	6.02	7.86	1	0.89
265	7/6/2008 8:16	17.47	50.898	33.46	6.11	7.87	1.6	0.778
266	7/6/2008 8:31	17.75	51.018	33.55	5.8	7.87	0.7	0.691
267	7/6/2008 8:46	17.86	51.054	33.58	4.94	7.81	0.1	0.625
268	7/6/2008 9:01	17.82	51.168	33.66	3.02	7.72	0	0.604
269	7/6/2008 9:16	18.65	51.046	33.58	6.95	7.96	3.8	0.646
270	7/6/2008 9:31	18.94	51.102	33.62	7.07	7.97	3.1	0.709
271	7/6/2008 9:46	18.69	51.081	33.6	7.17	7.96	3.8	0.785
272	7/6/2008 10:01	18.93	51.342	33.8	7.09	7.97	3.9	0.879
273	7/6/2008 10:16	18.87	51.443	33.87	7.08	7.96	3.8	0.963
274	7/6/2008 10:31	18.94	51.355	33.81	7.01	7.95	5.4	1.049
275	7/6/2008 10:46	18.96	50.973	33.52	6.86	7.94	5.4	1.119
276	7/6/2008 11:01	18.73	51.053	33.58	6.9	7.93	5.1	1.21
277	7/6/2008 11:16	18.52	51.297	33.76	6.99	7.93	5.1	1.313
278	7/6/2008 11:31	18.19	51.06	33.59	7.12	7.93	5.7	1.399
279	7/6/2008 11:46	18.02	51.132	33.64	7.16	7.93	5.4	1.509
280	7/6/2008 12:01	17.81	51.21	33.69	7.18	7.93	8.7	1.612
281	7/6/2008 12:16	17.33	51.163	33.65	7.34	7.94	8.9	1.738
282	7/6/2008 12:31	17.24	50.547	33.2	7.42	7.93	11.2	1.857
283	7/6/2008 12:46	17.17	51.022	33.55	7.45	7.92	7.4	1.96
284	7/6/2008 13:01	16.92	51.195	33.67	7.51	7.93	8.1	2.081
285	7/6/2008 13:16	16.79	50.227	32.96	7.62	7.92	7.4	2.183
286	7/6/2008 13:31	16.62	50.207	32.94	7.62	7.92	7.1	2.283
287	7/6/2008 13:46	16.32	50.208	32.94	7.67	7.92	9.3	2.38
288	7/6/2008 14:01	15.8	50.137	32.88	7.74	7.91	7.6	2.477
289	7/6/2008 14:16	15.01	50.911	33.43	7.79	7.9	8.1	2.575
290	7/6/2008 14:31	14.41	50.487	33.1	7.89	7.89	8.4	2.658
291	7/6/2008 14:46	13.98	50.046	32.77	8	7.9	8	2.746
292	7/6/2008 15:01	13.81	50.143	32.83	7.99	7.89	8.2	2.83
293	7/6/2008 15:16	13.66	50.075	32.78	7.96	7.9	9.4	2.898
294	7/6/2008 15:31	13.16	50.168	32.83	7.99	7.88	6.5	2.965
295	7/6/2008 15:46	12.82	50.088	32.76	8.02	7.87	6.6	3.025
296	7/6/2008 16:01	12.58	50.462	33.02	7.98	7.88	4	3.05
297	7/6/2008 16:16	12.52	50.107	32.76	7.57	7.86	0.6	3.074
298	7/6/2008 16:31	13.04	50.191	32.84	7.04	7.84	1.6	3.063
299	7/6/2008 16:46	12.66	50.275	32.89	7.94	7.88	2.2	3.045
300	7/6/2008 17:01	12.81	50.141	32.79	7.71	7.87	1.7	2.992
301	7/6/2008 17:16	13.28	49.996	32.71	7.93	7.9	12.9	2.906
302	7/6/2008 17:31	14.71	50.099	32.83	8.29	7.94	7.1	2.825
303	7/6/2008 17:46	15.05	50.306	32.99	8.5	7.98	5.3	2.734
304	7/6/2008 18:01	15.16	50.185	32.9	8.48	8.02	4.3	2.634
305	7/6/2008 18:16	15.29	50.285	32.98	8.28	7.97	3.3	2.545
306	7/6/2008 18:31	15.68	50.766	33.34	8.74	8.03	3.2	2.45
307	7/6/2008 18:46	16.03	49.989	32.78	9.09	8.04	11	2.359

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
308	7/6/2008 19:01	16.47	50.591	33.22	8.96	8.04	4.5	2.267
309	7/6/2008 19:16	16.4	50.32	33.02	8.98	8.04	3	2.181
310	7/6/2008 19:31	16.54	50.204	32.94	9.02	8.05	2.2	2.111
311	7/6/2008 19:46	16.55	50.201	32.94	8.95	8.04	2.4	2.026
312	7/6/2008 20:01	17.08	50.968	33.51	8.96	8.05	2.6	1.945
313	7/6/2008 20:16	17.49	50.761	33.36	9.38	8.09	7.5	1.885
314	7/6/2008 20:31	17.81	50.366	33.07	9.19	8.09	5.4	1.816
315	7/6/2008 20:46	18.23	50.709	33.33	8.12	8.05	1.4	1.767
316	7/6/2008 21:01	18.54	51.009	33.55	8.58	8.08	3.5	1.72
317	7/6/2008 21:16	18.45	51.238	33.72	8.66	8.07	2.6	1.693
318	7/6/2008 21:31	18.57	51.144	33.65	7.76	8.02	2.3	1.676
319	7/6/2008 21:46	18.87	50.999	33.54	6.54	7.98	0.2	1.669
320	7/6/2008 22:01	18.83	51.005	33.55	7.42	7.99	1.3	1.69
321	7/6/2008 22:16	18.78	51.001	33.54	7.72	8.02	1.9	1.728
322	7/6/2008 22:31	18.65	51.216	33.7	8.35	8.04	2.8	1.797
323	7/6/2008 22:46	18.58	51.282	33.75	8.3	8.04	2.7	1.857
324	7/6/2008 23:01	18.54	51.164	33.66	8.34	8.02	3.8	1.933
325	7/6/2008 23:16	18.65	51.125	33.64	8.24	8.01	3.5	2.013
326	7/6/2008 23:31	18.17	51.128	33.64	8.31	8	3.4	2.097
327	7/6/2008 23:46	17.91	50.696	33.32	8.17	7.99	3.2	2.173
328	7/7/2008 0:01	17.35	50.854	33.43	8.1	7.98	2.6	2.245
329	7/7/2008 0:16	16.44	50.737	33.33	7.84	7.94	2.7	2.317
330	7/7/2008 0:31	16.16	50.777	33.36	7.72	7.93	2.1	2.394
331	7/7/2008 0:46	15.81	51.062	33.56	7.85	7.73		2.474
332	7/7/2008 1:01	15.65	50.64	33.25	7.94	7.93	3.2	2.547
333	7/7/2008 1:16	15.35	50.85	33.39	7.89	7.93	2.6	2.627
334	7/7/2008 1:31	14.85	50.909	33.42	7.86	7.92	2.4	2.706
335	7/7/2008 1:46	14.71	50.901	33.41	7.79	7.91	2.7	2.779
336	7/7/2008 2:01	14.18	50.604	33.18	7.85	7.88	2.3	2.852
337	7/7/2008 2:16	13.76	50.56	33.14	7.74	7.87	2.3	2.92
338	7/7/2008 2:31	13.39	50.798	33.3	7.66	7.87	2	2.989
339	7/7/2008 2:46	13.09	50.855	33.33	7.39	7.86	1.1	3.043
340	7/7/2008 3:01	12.99	50.912	33.36	6.18	7.77	0.4	3.079
341	7/7/2008 3:16	12.87	50.743	33.24	5.43	7.71	0.5	3.11
342	7/7/2008 3:31	12.8	50.925	33.37	5.6	7.69	0.2	3.122
343	7/7/2008 3:46	13.05	50.569	33.12	7.86	7.88	2.3	3.119
344	7/7/2008 4:01	12.83	50.565	33.1	7.85	7.87	2.4	3.065
345	7/7/2008 4:16	12.78	50.837	33.3	7.6	7.86	1.3	3.019
346	7/7/2008 4:31	13.24	50.527	33.09	7.2	7.83	1.6	2.958
347	7/7/2008 4:46	14.64	50.895	33.41	6.98	7.87	2.4	2.866
348	7/7/2008 5:01	14.7	50.704	33.27	6.9	7.88	2.4	2.776
349	7/7/2008 5:16	15.3	50.767	33.33	6.59	7.91	2.4	2.678
350	7/7/2008 5:31	15.38	50.583	33.2	6.6	7.9	2	2.577
351	7/7/2008 5:46	15.5	50.705	33.29	6.5	7.9	2.4	2.483

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
352	7/7/2008 6:01	15.73	50.489	33.14	6.4	7.87	1.3	2.367
353	7/7/2008 6:16	16.27	50.893	33.44	6.11	7.86	2.1	2.263
354	7/7/2008 6:31	16.58	50.753	33.34	5.95	7.85	1.6	2.154
355	7/7/2008 6:46	16.6	50.877	33.44	5.96	7.84	1.3	2.03
356	7/7/2008 7:01	16.58	50.963	33.5	6.32	7.87	6.2	1.909
357	7/7/2008 7:16	16.52	51.081	33.58	6.19	7.85	2.8	1.79
358	7/7/2008 7:31	16.42	50.764	33.35	6.48	7.86	3.7	1.658
359	7/7/2008 7:46	16.4	50.858	33.42	6.62	7.87	4.8	1.531
360	7/7/2008 8:01	16.59	50.781	33.37	6.49	7.85	5.3	1.398
361	7/7/2008 8:16	16.91	50.792	33.38	6.41	7.87	3.1	1.277
362	7/7/2008 8:31	17.03	50.859	33.43	6.18	7.87	1.5	1.163
363	7/7/2008 8:46	17.49	50.479	33.15	6.13	7.87	1.9	1.059
364	7/7/2008 9:01	17.48	51.062	33.58	5.79	7.87	0.9	0.979
365	7/7/2008 9:16	17.72	51.108	33.62	5.65	7.87	0.9	0.906
366	7/7/2008 9:31	17.81	50.756	33.36	5.27	7.85	1.3	0.85
367	7/7/2008 9:46	17.96	51.195	33.68	5.22	7.83	11.4	0.85
368	7/7/2008 10:01	17.75	51.188	33.68	5.47	7.87	5.6	0.864
369	7/7/2008 10:16	18.07	51.202	33.69	6.62	7.92	2.1	0.891
370	7/7/2008 10:31	17.96	51.137	33.64	6.9	7.94	3.6	0.942
371	7/7/2008 10:46	18.33	51.276	33.75	6.9	7.96	2.7	1.037
372	7/7/2008 11:01	18.4	51.135	33.64	6.92	7.96	2.5	1.097
373	7/7/2008 11:16	18.29	51.028	33.56	6.95	7.95	2.8	1.184
374	7/7/2008 11:31	18.46	50.937	33.5	6.73	7.94	3.8	1.29
375	7/7/2008 11:46	18.35	50.87	33.45	6.74	7.93	3.7	1.38
376	7/7/2008 12:01	18.08	51.224	33.71	6.87	7.93	4.2	1.48
377	7/7/2008 12:16	17.9	51.057	33.58	6.88	7.93	3.5	1.553
378	7/7/2008 12:31	17.83	50.829	33.41	6.87	7.92	3.3	1.668
379	7/7/2008 12:46	17.56	50.952	33.5	6.94	7.92	4.9	1.769
380	7/7/2008 13:01	17.35	51.068	33.59	7.06	7.92	4.8	1.855
381	7/7/2008 13:16	17.31	51.133	33.63	7.08	7.92	4.7	1.972
382	7/7/2008 13:31	17.15	50.851	33.42	7.23	7.92	5	2.062
383	7/7/2008 13:46	16.96	50.288	33.01	7.35	7.92	5.4	2.165
384	7/7/2008 14:01	16.77	51.019	33.54	7.41	7.92	5.9	2.254
385	7/7/2008 14:16	16.58	50.783	33.37	7.45	7.92	7.6	2.351
386	7/7/2008 14:31	16.2	50.184	32.92	7.54	7.91	7.8	2.441
387	7/7/2008 14:46	15.72	50.116	32.86	7.6	7.95	7.3	2.526
388	7/7/2008 15:01	15.09	51.012	33.51	7.7	7.9	11.2	2.616
389	7/7/2008 15:16	14.49	50.498	33.11	7.9	7.9	8.8	2.701
390	7/7/2008 15:31	14.04	50.13	32.83	8.05	7.81	10	2.782
391	7/7/2008 15:46	13.85	50.354	32.99	8.05	7.92	6.1	2.85
392	7/7/2008 16:01	13.75	50.095	32.8	7.95	7.92	6.6	2.915
393	7/7/2008 16:16	13.49	50.101	32.79	7.9	7.85	3.8	2.996
394	7/7/2008 16:31	13.28	50.183	32.84	7.85	7.92	2.6	3.01
395	7/7/2008 16:46	13.19	50.505	33.08	7.49	8.07	0.8	3.046

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
396	7/7/2008 17:01	13.23	50.72	33.23	6	7.75	0.4	3.066
397	7/7/2008 17:16	13.51	50.66	33.2	7.39	7.83	0.9	3.032
398	7/7/2008 17:31	13.32	50.737	33.25	7.65	7.85	1.8	3.004
399	7/7/2008 17:46	13.45	50.803	33.3	7.77	7.86	3.2	2.94
400	7/7/2008 18:01	14.57	50.214	32.91	7.86	7.93	2	2.877
401	7/7/2008 18:16	14.9	50.942	33.45	7.64	7.93	2.6	2.792
402	7/7/2008 18:31	15.26	50.093	32.84	8.06	7.96	2	2.707
403	7/7/2008 18:46	15.44	50.488	33.13	7.82	7.95	1.2	2.602
404	7/7/2008 19:01	15.77	50.157	32.89	7.81	7.96	2.3	2.519
405	7/7/2008 19:16	16.11	50.091	32.85	7.96	7.98	1	2.431
406	7/7/2008 19:31	16.34	50.235	32.96	8.36	7.99	1.1	2.334
407	7/7/2008 19:46	16.62	50.175	32.92	8.4	8.01	1.9	2.249
408	7/7/2008 20:01	16.58	50.19	32.93	8.35	8	1.2	2.174
409	7/7/2008 20:16	16.62	50.324	33.03	8.51	8	1.9	2.086
410	7/7/2008 20:31	16.9	50.2	32.94	8.52	8.01	2.6	2.005
411	7/7/2008 20:46	17.22	50.225	32.96	8.53	8.02	2.6	1.924
412	7/7/2008 21:01	17.58	50.786	33.38	8.23	8.02	1.9	1.854
413	7/7/2008 21:16	17.89	50.692	33.31	8.12	8.02	1.7	1.799
414	7/7/2008 21:31	18.3	50.952	33.51	7.57	8.02	1.3	1.726
415	7/7/2008 21:46	18.42	51.162	33.66	7.57	8.02	0.7	1.662
416	7/7/2008 22:01	18.56	51.04	33.57	6.99	7.99	0.4	1.637
417	7/7/2008 22:16	18.69	50.971	33.52	5.97	7.93	0	1.609
418	7/7/2008 22:31	18.82	51.034	33.57	5.51	7.95	0.2	1.601
419	7/7/2008 22:46	18.81	51.141	33.65	7.03	8	1.8	1.603
420	7/7/2008 23:01	18.7	51.207	33.7	8.01	8.03	4.1	1.605
421	7/7/2008 23:16	18.6	50.989	33.54	8.04	8.03	2.6	1.661
422	7/7/2008 23:31	18.46	50.76	33.37	8.36	8.04	3.1	1.712
423	7/7/2008 23:46	18.36	50.694	33.32	8.39	8.03	4	1.771
424	7/8/2008 0:01	18.32	50.403	33.1	8.37	8.02	5	1.84
425	7/8/2008 0:16	18.46	50.352	33.07	8.09	8	5.9	1.917
426	7/8/2008 0:31	18.24	51.08	33.6	8.09	8	4.7	1.973
427	7/8/2008 0:46	17.95	50.852	33.43	8.18	8	4.3	2.044
428	7/8/2008 1:01	17.73	50.914	33.48	8.18	7.99	5	2.116
429	7/8/2008 1:16	17.24	50.94	33.49	8.11	7.97	4.7	2.179
430	7/8/2008 1:31	16.81	50.986	33.52	8.02	7.95	4.4	2.25
431	7/8/2008 1:46	16.53	50.531	33.18	7.97	7.94	3.7	2.315
432	7/8/2008 2:01	16.31	50.445	33.11	7.98	7.94	3.9	2.384
433	7/8/2008 2:16	16.02	50.423	33.09	7.98	7.94	3.7	2.449
434	7/8/2008 2:31	15.84	50.456	33.11	7.97	7.93	4	2.51
435	7/8/2008 2:46	15.42	50.286	32.98	8.02	7.91	3.5	2.573
436	7/8/2008 3:01	15.19	50.311	32.99	8.01	7.91	3.1	2.633
437	7/8/2008 3:16	15.09	50.186	32.9	8.03	7.9	4.7	2.689
438	7/8/2008 3:31	14.89	50.326	33	7.98	7.9	20.7	2.731
439	7/8/2008 3:46	14.64	50.179	32.88	7.92	7.89	17	2.783

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
440	7/8/2008 4:01	14.43	50.29	32.96	8	7.89	2.3	2.81
441	7/8/2008 4:16	14.33	50.182	32.88	6.92	7.84	0.4	2.833
442	7/8/2008 4:31	14.29	50.24	32.92	6.01	7.79	0	2.846
443	7/8/2008 4:46	14.45	50.167	32.87	7.67	7.86	1.6	2.83
444	7/8/2008 5:01	14.36	50.204	32.89	7.98	7.9	2.9	2.802
445	7/8/2008 5:16	14.63	50.705	33.27	7.88	7.89	2.1	2.758
446	7/8/2008 5:31	15.4	50.11	32.85	7.45	7.9	2.7	2.694
447	7/8/2008 5:46	15.9	50.407	33.08	6.7	7.85	3.4	2.622
448	7/8/2008 6:01	15.74	50.273	32.98	7.23	7.88	3.8	2.532
449	7/8/2008 6:16	16.02	50.291	33	7.06	7.9	3.5	2.448
450	7/8/2008 6:31	16.22	50.274	32.99	6.77	7.88	3.3	2.356
451	7/8/2008 6:46	16.35	50.327	33.03	6.86	7.89	3.2	2.262
452	7/8/2008 7:01	16.43	50.268	32.99	6.64	7.87	4.3	2.165
453	7/8/2008 7:16	16.65	50.296	33.01	6.77	7.89	3.3	2.078
454	7/8/2008 7:31	16.55	50.53	33.18	6.94	7.9	3.7	1.976
455	7/8/2008 7:46	16.66	50.256	32.98	7.04	7.9	4	1.881
456	7/8/2008 8:01	16.64	50.374	33.07	7.09	7.91	3.5	1.781
457	7/8/2008 8:16	16.83	50.401	33.09	7.11	7.92	2.9	1.676
458	7/8/2008 8:31	16.97	50.38	33.08	7.49	7.95	2.8	1.58
459	7/8/2008 8:46	17.09	50.382	33.08	7.71	7.96	3.2	1.482
460	7/8/2008 9:01	17.25	50.367	33.07	7.79	7.97	2.1	1.397
461	7/8/2008 9:16	17.39	50.454	33.13	7.95	7.99	2.3	1.304
462	7/8/2008 9:31	17.56	50.869	33.44	8.1	7.99	2	1.229
463	7/8/2008 9:46	17.78	50.981	33.52	7.76	7.99	2.1	1.196
464	7/8/2008 10:01	17.88	50.986	33.53	7.9	8	2.1	1.133
465	7/8/2008 10:16	17.98	50.947	33.5	7.22	7.96	0.4	1.119
466	7/8/2008 10:31	17.87	50.953	33.51	7.73	7.99	2.7	1.119
467	7/8/2008 10:46	17.89	50.905	33.47	7.7	7.97	1.5	1.119
468	7/8/2008 11:01	18.24	50.841	33.42	7.46	7.98	1.8	1.169
469	7/8/2008 11:16	18.08	50.993	33.54	7.46	7.97	4.9	1.215
470	7/8/2008 11:31	18.36	50.865	33.44	7.17	7.97	2.6	1.275
471	7/8/2008 11:46	18.31	50.932	33.49	7.21	7.96	2.6	1.351
472	7/8/2008 12:01	18.4	51.062	33.59	7.12	7.95	2.7	1.429
473	7/8/2008 12:16	18.46	51.136	33.64	6.98	7.94	3.7	1.512
474	7/8/2008 12:31	18.11	51.17	33.67	6.81	7.93	2.4	1.588
475	7/8/2008 12:46	17.96	50.801	33.39	7.07	7.93	2.6	1.677
476	7/8/2008 13:01	17.83	50.649	33.28	6.91	7.93	2.4	1.754
477	7/8/2008 13:16	17.69	50.509	33.18	6.95	7.93	3.5	1.848
478	7/8/2008 13:31	17.51	50.891	33.46	6.96	7.92	3.7	1.935
479	7/8/2008 13:46	17.24	50.845	33.42	7.14	7.91	3.7	2.019
480	7/8/2008 14:01	17.1	50.776	33.37	7.21	7.91	4.1	2.113
481	7/8/2008 14:16	16.91	50.934	33.48	7.26	7.92	3.5	2.191
482	7/8/2008 14:31	16.79	50.912	33.46	7.38	7.91	4.6	2.281
483	7/8/2008 14:46	16.67	50.827	33.4	7.49	7.91	5.6	2.368

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
484	7/8/2008 15:01	16.35	50.776	33.36	7.55	7.91	6.3	2.453
485	7/8/2008 15:16	15.9	50.835	33.39	7.68	7.9	5.9	2.539
486	7/8/2008 15:31	15.53	50.615	33.22	7.76	7.89	6.1	2.623
487	7/8/2008 15:46	14.9	50.61	33.21	7.87	7.86	5.3	2.706
488	7/8/2008 16:01	14.4	50.594	33.18	8.05	7.85	5.6	2.792
489	7/8/2008 16:16	14.11	50.925	33.41	8.11	8.09	4.5	2.87
490	7/8/2008 16:31	13.9	50.646	33.2	8.09	7.86	3.1	2.936
491	7/8/2008 16:46	13.75	50.751	33.28	8.1	7.85	2.7	3.007
492	7/8/2008 17:01	13.56	50.48	33.07	7.92	7.84	1.9	3.054
493	7/8/2008 17:16	13.32	50.621	33.17	7.46	7.81	0.7	3.088
494	7/8/2008 17:31	13.27	50.906	33.37	6.61	7.77	0.9	3.112
495	7/8/2008 17:46	13.67	50.391	33.01	7.58	7.82	1.8	3.113
496	7/8/2008 18:01	13.39	50.834	33.32	7.95	7.83	2.4	3.091
497	7/8/2008 18:16	13.39	50.149	32.82	8.09	7.84	2.7	3.053
498	7/8/2008 18:31	13.62	50.081	32.78	7.84	7.83	3	2.984
499	7/8/2008 18:46	14.78	50.2	32.9	8.12	7.92	4	2.903
500	7/8/2008 19:01	14.98	51.005	33.5	7.73	7.87		2.833
501	7/8/2008 19:16	15.34	50.071	32.82	8.26	7.94	22.5	2.74
502	7/8/2008 19:31	15.79	50.367	33.05	8.24	7.99	17.8	2.643
503	7/8/2008 19:46	16.37	51.046	33.56	8.24	7.95		2.56
504	7/8/2008 20:01	16.49	51.128	33.62	8.33	7.99	2.8	2.478
505	7/8/2008 20:16	16.71	51.084	33.59	8.3	7.96	3.2	2.4
506	7/8/2008 20:31	16.92	51.148	33.64	8.36	8.01	3	2.309
507	7/8/2008 20:46	16.94	51.102	33.61	8.34	8	3.7	2.224
508	7/8/2008 21:01	17.13	50.185	32.93	8.15	7.99	6.3	2.156
509	7/8/2008 21:16	17.23	50.282	33.01	8.19	8	3	2.067
510	7/8/2008 21:31	17.55	50.605	33.25	8.09	8	2.8	1.98
511	7/8/2008 21:46	17.76	50.422	33.11	8.14	8.01	5.1	1.919
512	7/8/2008 22:01	17.92	50.345	33.06	7.96	8.02	1.7	1.847
513	7/8/2008 22:16	18.18	51.326	33.78	7.97	8.02	2.6	1.777
514	7/8/2008 22:31	18.43	50.548	33.21	7.96	8.03	2.1	1.711
515	7/8/2008 22:46	18.46	50.496	33.17	7.72	8.01	1.2	1.673
516	7/8/2008 23:01	18.67	50.483	33.16	7.42	8.01	2.2	1.625
517	7/8/2008 23:16	18.79	50.569	33.23	6.51	7.99	0	1.603
518	7/8/2008 23:31	18.91	50.625	33.27	6.03	8	0.5	1.573
519	7/8/2008 23:46	18.92	50.61	33.26	4.87	7.89	1.3	1.587
520	7/9/2008 0:01	18.8	50.556	33.22	8.14	8.05	3.3	1.611
521	7/9/2008 0:16	18.66	50.632	33.27	8.25	8.05	3.3	1.622
522	7/9/2008 0:31	18.61	50.723	33.34	8.27	8.04	4	1.667
523	7/9/2008 0:46	18.53	50.635	33.27	8.33	8.04	3.8	1.722
524	7/9/2008 1:01	18.46	50.71	33.33	8.23	8.03	4.2	1.782
525	7/9/2008 1:16	18.48	50.575	33.23	8.02	8.01	4.5	1.846
526	7/9/2008 1:31	18.4	50.471	33.15	7.88	8	4.1	1.907
527	7/9/2008 1:46	18.14	50.594	33.24	8.03	8	3.7	1.974

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	7/9/2008 2:01	18	50.543	33.2	7.97	7.99	4.1	2.041
529	7/9/2008 2:16	17.82	50.565	33.22	7.84	7.99	3.7	2.093
530	7/9/2008 2:31	17.45	50.45	33.13	7.88	7.96	4.8	2.153
531	7/9/2008 2:46	17.11	50.753	33.35	7.75	7.92	4.2	2.211
532	7/9/2008 3:01	16.84	50.904	33.46	7.78	7.94	3.6	2.272
533	7/9/2008 3:16	16.73	50.426	33.11	7.75	7.94	3.2	2.318
534	7/9/2008 3:31	16.67	50.917	33.47	7.66	7.91	3.5	2.375
535	7/9/2008 3:46	16.4	50.703	33.31	7.73	7.93	2.7	2.422
536	7/9/2008 4:01	16.15	51.125	33.61	7.79	7.95	2.5	2.478
537	7/9/2008 4:16	15.94	50.875	33.42	7.71	7.92	2.3	2.526
538	7/9/2008 4:31	15.78	50.624	33.24	7.7	7.91	2.6	2.555
539	7/9/2008 4:46	15.63	50.754	33.33	7.47	7.9	1.8	2.598
540	7/9/2008 5:01	15.57	50.874	33.42	7.38	7.9	1.8	2.633
541	7/9/2008 5:16	15.48	50.624	33.23	6.93	7.86	0.7	2.641
542	7/9/2008 5:31	15.53	50.67	33.26	5.1	7.77	0	2.657
543	7/9/2008 5:46	15.58	50.765	33.34	6.8	7.88	0.9	2.65
544	7/9/2008 6:01	15.57	50.618	33.23	6.81	7.87	0.7	2.633
545	7/9/2008 6:16	15.48	50.687	33.28	7.27	7.87	1.9	2.59
546	7/9/2008 6:31	15.75	50.788	33.36	7.37	7.89	1.5	2.545
547	7/9/2008 6:46	16.12	50.552	33.19	7.23	7.89	1.8	2.488
548	7/9/2008 7:01	16.24	50.3	33.01	7.02	7.89	1.8	2.408
549	7/9/2008 7:16	16.52	50.577	33.21	6.65	7.91	2	2.345
550	7/9/2008 7:31	16.79	50.382	33.08	6.15	7.85	7.1	2.255
551	7/9/2008 7:46	16.85	50.5	33.16	6.17	7.85	5.3	2.179
552	7/9/2008 8:01	16.93	50.763	33.36	6.09	7.88	3.7	2.109
553	7/9/2008 8:16	16.99	50.393	33.09	6.41	7.9	3.6	2.023
554	7/9/2008 8:31	17.22	50.406	33.1	6.52	7.88	3.8	1.952
555	7/9/2008 8:46	17.27	51.28	33.74	6.62	7.86	6.3	1.88
556	7/9/2008 9:01	17.33	51.094	33.6	6.95	7.91	2.9	1.804
557	7/9/2008 9:16	17.43	51.138	33.64	7.24	7.92	2.2	1.73
558	7/9/2008 9:31	17.64	51.15	33.65	7.2	7.94	7.8	1.666
559	7/9/2008 9:46	17.86	51.142	33.64	7.37	7.96	3.9	1.602
560	7/9/2008 10:01	17.92	50.39	33.09	7.68	7.97	5.5	1.551
561	7/9/2008 10:16	18.47	50.41	33.11	7.45	7.99	35.2	1.508
562	7/9/2008 10:31	18.63	51.197	33.69	7.24	7.97	9.2	1.46
563	7/9/2008 10:46	18.52	51.362	33.81	7.65	8.03	3.3	1.434
564	7/9/2008 11:01	18.69	51.358	33.81	7.48	8.01	1.3	1.431
565	7/9/2008 11:16	18.68	50.819	33.41	7.65	8	4.1	1.43
566	7/9/2008 11:31	18.74	50.435	33.13	7.75	8	3.1	1.442
567	7/9/2008 11:46	18.64	50.488	33.17	7.49	8.01	3.6	1.465
568	7/9/2008 12:01	18.58	50.849	33.43	7.51	7.99	3.8	1.519
569	7/9/2008 12:16	18.72	50.488	33.17	7.34	7.96	3.6	1.568
570	7/9/2008 12:31	18.57	50.456	33.14	7.24	7.96	10.1	1.625
571	7/9/2008 12:46	18.41	51.387	33.83	7.12	7.95	4.8	1.688

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
572	7/9/2008 13:01	18.49	51.371	33.82	7.06	7.97	5.1	1.763
573	7/9/2008 13:16	18.26	51.367	33.81	7.05	7.96	5.1	1.84
574	7/9/2008 13:31	18.08	51.344	33.79	7.01	7.93	5.1	1.905
575	7/9/2008 13:46	17.86	51.323	33.78	7.02	7.94	5.8	1.981
576	7/9/2008 14:01	17.7	51.301	33.76	7.02	7.91	5	2.05
577	7/9/2008 14:16	17.41	51.267	33.73	7.17	7.93	6.6	2.137
578	7/9/2008 14:31	17.1	51.193	33.67	7.37	7.94	6.2	2.209
579	7/9/2008 14:46	16.95	51.187	33.67	7.41	7.94	5.7	2.277
580	7/9/2008 15:01	16.83	51.169	33.65	7.48	7.92	10.3	2.368
581	7/9/2008 15:16	16.67	50.461	33.13	7.55	7.92	8.2	2.451
582	7/9/2008 15:31	16.49	51.006	33.53	7.59	7.93	7.4	2.52
583	7/9/2008 15:46	16.1	50.375	33.06	7.72	7.72	9.5	2.602
584	7/9/2008 16:01	15.75	50.131	32.88	7.79	7.93	8.3	2.688
585	7/9/2008 16:16	15.23	50.397	33.06	7.89	7.9	8.7	2.762
586	7/9/2008 16:31	14.87	50.891	33.41	7.91	7.86	7.9	2.834
587	7/9/2008 16:46	14.39	50.864	33.38	7.95	7.85	7.1	2.906
588	7/9/2008 17:01	13.97	50.917	33.4	7.99	7.88	9	2.984
589	7/9/2008 17:16	13.66	50.952	33.42	7.98	7.85	6.2	3.034
590	7/9/2008 17:31	13.46	50.939	33.4	7.95	7.86	10.3	3.076
591	7/9/2008 17:46	13.4	50.969	33.42	7.91	7.66	3.5	3.126
592	7/9/2008 18:01	13.31	50.941	33.4	7.85	7.86	2.7	3.141
593	7/9/2008 18:16	13.7	50.136	32.82	7.19	7.73	5.9	3.159
594	7/9/2008 18:31	13.62	50.978	33.44	7.7	7.77	2.9	3.141
595	7/9/2008 18:46	13.41	50.672	33.21	7.63	7.64	21.5	3.114
596	7/9/2008 19:01	13.58	50.937	33.41	7.67	7.89	65.9	3.072
597	7/9/2008 19:16	14.45	50.399	33.04	7.93	7.89	16.7	3.024
598	7/9/2008 19:31	14.71	50.533	33.15	7.94	7.88	15.4	2.948
599	7/9/2008 19:46	15.51	50.666	33.26	8.07	7.92	21.5	2.866
600	7/9/2008 20:01	16.09	51.011	33.53	8.21	7.91	4.6	2.781
601	7/9/2008 20:16	16.18	50.813	33.38	8.19	7.96	23.4	2.699
602	7/9/2008 20:31	16.71	50.525	33.18	8.3	7.98	16.4	2.616
603	7/9/2008 20:46	16.84	51.074	33.58	8.34	7.99	64.8	2.525
604	7/9/2008 21:01	17.05	50.775	33.37	8.29	8	15.4	2.45
605	7/9/2008 21:16	17.19	50.414	33.1	8.32	7.99	10.4	2.365
606	7/9/2008 21:31	17.34	51.089	33.6	8.36	7.96	4.9	2.283
607	7/9/2008 21:46	17.41	50.46	33.14	8.25	8	5.4	2.207
608	7/9/2008 22:01	17.68	50.393	33.09	8.11	8.02	6.2	2.131
609	7/9/2008 22:16	18.05	50.377	33.08	8.13	8.01	4.8	2.045
610	7/9/2008 22:31	18.15	50.267	33	7.87	8.02	4.1	1.981
611	7/9/2008 22:46	18.23	50.801	33.4	8.17	8.02	3.1	1.898
612	7/9/2008 23:01	18.41	50.894	33.46	8.01	8.02	11.9	1.819
613	7/9/2008 23:16	18.66	50.851	33.43	8.09	8.04	3.7	1.752
614	7/9/2008 23:31	18.81	50.89	33.46	7.99	8.03	3.7	1.681
615	7/9/2008 23:46	18.93	50.954	33.51	7.74	8.04	2.6	1.629

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
616	7/10/2008 0:01	19.1	50.565	33.22	7.79	8.03	3.1	1.571
617	7/10/2008 0:16	19.27	50.994	33.54	7.32	8.02	3.2	1.543
618	7/10/2008 0:31	19.32	50.713	33.33	6.87	8.01	1.7	1.518
619	7/10/2008 0:46	19.34	51.022	33.56	6.94	7.99	1.8	1.513
620	7/10/2008 1:01	19.24	51.161	33.66	7.96	8.05	3.4	1.521
621	7/10/2008 1:16	19.11	51.182	33.68	8.14	8.05	6.8	1.531
622	7/10/2008 1:31	19.02	50.485	33.17	8.2	8.05	4.1	1.567
623	7/10/2008 1:46	18.91	50.498	33.17	8.25	8.04	4.3	1.619
624	7/10/2008 2:01	18.83	50.913	33.48	8.22	8.04	6.5	1.673
625	7/10/2008 2:16	18.75	50.853	33.44	8.25	8.04	4.5	1.726
626	7/10/2008 2:31	18.85	50.718	33.34	7.95	8.02	6	1.787
627	7/10/2008 2:46	18.87	51.246	33.73	7.8	8.03	30.8	1.852
628	7/10/2008 3:01	18.74	50.607	33.25	7.9	8.03	7.5	1.9
629	7/10/2008 3:16	18.67	51.338	33.79	7.92	8.17		1.957
630	7/10/2008 3:31	18.47	50.803	33.4	7.97	8.17	4.5	2.011
631	7/10/2008 3:46	18.32	50.586	33.24	7.96	8	6.7	2.069
632	7/10/2008 4:01	17.9	50.589	33.24	7.85	7.98	13.7	2.116
633	7/10/2008 4:16	17.7	51.211	33.69	7.73	7.96	33.4	2.161
634	7/10/2008 4:31	17.51	50.317	33.04	7.7	7.96	4.6	2.213
635	7/10/2008 4:46	17.31	50.323	33.04	7.72	7.95	3.8	2.262
636	7/10/2008 5:01	17.19	50.561	33.21	7.7	7.95	3.6	2.297
637	7/10/2008 5:16	17.09	50.369	33.07	7.69	7.94	4.1	2.336
638	7/10/2008 5:31	16.95	50.314	33.03	7.64	7.93	3.1	2.38
639	7/10/2008 5:46	16.71	50.333	33.04	7.66	7.93	2.6	2.409
640	7/10/2008 6:01	16.62	50.329	33.03	7.61	7.93	3.2	2.433
641	7/10/2008 6:16	16.56	50.362	33.06	7.44	7.92	2.2	2.458
642	7/10/2008 6:31	16.45	50.385	33.07	7.31	7.91	1.5	2.475
643	7/10/2008 6:46	16.56	51.022	33.54	6.68	7.88	0.7	2.478
644	7/10/2008 7:01	16.46	50.41	33.09	6.36	7.87	1.3	2.474
645	7/10/2008 7:16	16.45	50.643	33.26	7.4	7.91	2.9	2.447
646	7/10/2008 7:31	16.48	50.63	33.25	7.39	7.91	2.3	2.43
647	7/10/2008 7:46	16.69	50.603	33.24	7.13	7.91	2.6	2.385
648	7/10/2008 8:01	17.11	50.494	33.16	6.85	7.9	3.1	2.325
649	7/10/2008 8:16	17.22	50.657	33.28	6.76	7.91	2.5	2.282
650	7/10/2008 8:31	17.24	50.832	33.41	6.73	7.91	1.6	2.233
651	7/10/2008 8:46	17.39	50.816	33.4	6.77	7.91	2.2	2.164
652	7/10/2008 9:01	17.5	50.712	33.33	6.58	7.91	2.9	2.111
653	7/10/2008 9:16	17.54	50.996	33.53	6.85	7.92	3.4	2.062
654	7/10/2008 9:31	17.66	51.362	33.8	6.92	7.96	2.7	1.997
655	7/10/2008 9:46	17.69	50.86	33.44	6.85	7.89	2.5	1.947
656	7/10/2008 10:01	17.88	50.731	33.34	7.04	7.97	1.9	1.899
657	7/10/2008 10:16	18	50.752	33.36	7.07	7.95	1.2	1.852
658	7/10/2008 10:31	18.08	50.53	33.2	7.16	7.96	1.6	1.813
659	7/10/2008 10:46	18.24	50.661	33.29	7.18	7.96	1.5	1.766

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
660	7/10/2008 11:01	18.38	50.426	33.12	7.38	7.97	1.8	1.742
661	7/10/2008 11:16	18.44	50.491	33.17	6.86	7.96	0.6	1.719
662	7/10/2008 11:31	18.52	50.522	33.19	6.51	7.95	2	1.704
663	7/10/2008 11:46	18.57	51.056	33.58	5.38	7.91	0	1.693
664	7/10/2008 12:01	18.58	50.512	33.18	7.43	7.98	2.6	1.704
665	7/10/2008 12:16	18.45	50.956	33.51	7.47	7.98	1.9	1.716
666	7/10/2008 12:31	18.41	50.772	33.38	7.44	7.98	2	1.738
667	7/10/2008 12:46	18.45	50.849	33.43	7.37	7.98	15.6	1.761
668	7/10/2008 13:01	18.4	51.06	33.59	7.36	7.97	24.8	1.795
669	7/10/2008 13:16	18.35	50.737	33.35	7.36	7.97	3.3	1.845
670	7/10/2008 13:31	18.24	50.868	33.45	7.31	7.96	3	1.906
671	7/10/2008 13:46	18.22	50.631	33.27	7.26	7.96	3.1	1.941
672	7/10/2008 14:01	18.08	50.73	33.34	7.28	7.95	3.6	2.011
673	7/10/2008 14:16	17.94	50.711	33.33	7.28	7.94	3.4	2.078
674	7/10/2008 14:31	17.82	50.402	33.1	7.34	7.89	4	2.132
675	7/10/2008 14:46	17.7	50.327	33.04	7.42	7.94	3.7	2.198
676	7/10/2008 15:01	17.53	50.402	33.1	7.42	7.93	5	2.267
677	7/10/2008 15:16	17.31	50.987	33.53	7.57	7.94	4.7	2.344
678	7/10/2008 15:31	17.04	50.815	33.4	7.64	7.93	4.8	2.404
679	7/10/2008 15:46	16.73	50.624	33.25	7.64	7.92	4.2	2.474
680	7/10/2008 16:01	16.56	50.488	33.15	7.65	7.91	3.8	2.546
681	7/10/2008 16:16	16.41	50.648	33.26	7.61	7.91	4.4	2.627
682	7/10/2008 16:31	16.25	50.482	33.14	7.67	7.9	4	2.692
683	7/10/2008 16:46	15.98	50.523	33.17	7.7	7.89	4.1	2.758
684	7/10/2008 17:01	15.74	50.505	33.15	7.78	7.89	4.6	2.838
685	7/10/2008 17:16	15.27	50.537	33.16	7.77	7.87	3.8	2.9
686	7/10/2008 17:31	15.12	50.381	33.04	7.78	7.86	3.7	2.959
687	7/10/2008 17:46	14.87	50.511	33.13	7.77	7.85	2.5	3.016
688	7/10/2008 18:01	14.55	50.519	33.13	7.77	7.84	2	3.066
689	7/10/2008 18:16	14.37	50.334	32.99	7.8	7.84	1.6	3.101
690	7/10/2008 18:31	14.15	50.652	33.22	7.57	7.82	1.3	3.124
691	7/10/2008 18:46	13.78	50.732	33.26	7.47	7.81	0.7	3.143
692	7/10/2008 19:01	14.47	50.689	33.25	7.82	7.85	2.9	3.145
693	7/10/2008 19:16	14.09	50.545	33.14	7.54	7.83	2	3.134
694	7/10/2008 19:31	14.24	50.397	33.03	7.38	7.81	3.5	3.099
695	7/10/2008 19:46	14.58	50.398	33.04	7.67	7.89	3.6	3.055
696	7/10/2008 20:01	15.38	50.451	33.1	7.87	7.91	3	2.994
697	7/10/2008 20:16	15.71	50.493	33.14	7.82	7.92	5.3	2.92
698	7/10/2008 20:31	16.35	50.527	33.17	8.21	7.97	3.4	2.852
699	7/10/2008 20:46	16.35	50.519	33.17	8.23	7.97	4.1	2.773
700	7/10/2008 21:01	16.61	50.695	33.3	8.16	7.98	3.7	2.683
701	7/10/2008 21:16	17.06	50.628	33.26	8.33	8	3.2	2.614
702	7/10/2008 21:31	16.97	50.689	33.3	8.14	7.98	3.1	2.534
703	7/10/2008 21:46	17.37	50.701	33.32	8.23	8.01	3.2	2.452

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
704	7/10/2008 22:01	17.67	50.709	33.32	8.25	8.01	46.3	2.375
705	7/10/2008 22:16	17.78	50.952	33.5	8.26	8.02	6.6	2.289
706	7/10/2008 22:31	17.98	50.426	33.12	8.3	8.04	6	2.208
707	7/10/2008 22:46	18.23	50.879	33.45	8.41	8.04	5.1	2.126
708	7/10/2008 23:01	18.34	50.596	33.25	8.49	8.05	3.8	2.037
709	7/10/2008 23:16	18.79	50.81	33.4	8.55	8.09	4.9	1.961
710	7/10/2008 23:31	18.63	50.738	33.35	8.74	8.08	4.8	1.871
711	7/10/2008 23:46	18.71	50.58	33.23	8.57	8.08	4	1.791
712	7/11/2008 0:01	18.87	50.737	33.35	8.53	8.08	3.6	1.717
713	7/11/2008 0:16	18.99	50.796	33.39	8.45	8.08	3.7	1.623
714	7/11/2008 0:31	19.14	50.877	33.45	8.47	8.08	3.7	1.554
715	7/11/2008 0:46	19.32	51.096	33.62	8.46	8.09	3.5	1.504
716	7/11/2008 1:01	19.42	50.925	33.49	8.43	8.09	3.1	1.459
717	7/11/2008 1:16	19.5	51.005	33.55	8.39	8.09	3.1	1.418
718	7/11/2008 1:31	19.47	51.124	33.64	8.33	8.09	2.7	1.38
719	7/11/2008 1:46	19.52	50.983	33.53	7.88	8.06	1.3	1.396
720	7/11/2008 2:01	19.39	50.955	33.51	7.95	8.08	2.6	1.392
721	7/11/2008 2:16	19.34	50.942	33.5	8.13	8.08	2.5	1.407
722	7/11/2008 2:31	19.28	50.918	33.48	8.08	8.08	2.4	1.44
723	7/11/2008 2:46	19.18	50.949	33.51	8.08	8.07	3	1.487
724	7/11/2008 3:01	19.06	50.889	33.46	8.17	8.06	3	1.543
725	7/11/2008 3:16	18.97	50.855	33.44	8.11	8.06	3	1.584
726	7/11/2008 3:31	19.1	50.873	33.45	7.95	8.05	3.7	1.643
727	7/11/2008 3:46	19.23	50.89	33.46	7.75	8.04	3.7	1.71
728	7/11/2008 4:01	19.21	50.883	33.46	7.7	8.04	3.9	1.754
729	7/11/2008 4:16	19.08	50.858	33.44	7.77	8.05	3.4	1.814
730	7/11/2008 4:31	19.02	50.827	33.42	7.78	8.05	3.4	1.852
731	7/11/2008 4:46	18.89	50.844	33.43	7.99	8.05	3.2	1.916
732	7/11/2008 5:01	18.83	50.731	33.35	7.92	8.05	3.6	1.973
733	7/11/2008 5:16	18.63	50.999	33.54	7.84	8.03	3.5	2.004
734	7/11/2008 5:31	18.28	50.639	33.28	7.72	8	4.1	2.059
735	7/11/2008 5:46	18.05	50.717	33.33	7.65	7.99	3.3	2.105
736	7/11/2008 6:01	17.88	50.909	33.47	7.55	7.97	3.2	2.152
737	7/11/2008 6:16	17.72	50.864	33.44	7.51	7.97	3.4	2.188
738	7/11/2008 6:31	17.59	50.716	33.33	7.5	7.96	3.2	2.232
739	7/11/2008 6:46	17.41	50.791	33.38	7.54	7.96	3.7	2.264
740	7/11/2008 7:01	17.33	50.649	33.28	7.47	7.95	2.5	2.296
741	7/11/2008 7:16	17.22	50.671	33.29	7.43	7.95	2.3	2.326
742	7/11/2008 7:31	17.21	50.669	33.29	7.08	7.93	1	2.342
743	7/11/2008 7:46	17.18	50.525	33.18	7.16	7.94	1.6	2.369
744	7/11/2008 8:01	17.01	50.486	33.15	7.06	7.93	1.6	2.381
745	7/11/2008 8:16	17.25	50.647	33.28	6.79	7.92	1.2	2.376
746	7/11/2008 8:31	17.06	50.57	33.22	7.28	7.93	2.4	2.372
747	7/11/2008 8:46	16.97	50.605	33.24	7.45	7.94	3.2	2.36

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
748	7/11/2008 9:01	16.99	50.519	33.18	7.55	7.94	2.6	2.339
749	7/11/2008 9:16	17.32	50.569	33.22	7.38	7.95	2.8	2.301
750	7/11/2008 9:31	17.67	50.766	33.37	7.56	7.97	2.3	2.256
751	7/11/2008 9:46	17.67	50.776	33.37	7.63	7.97	2.8	2.228
752	7/11/2008 10:01	17.65	50.707	33.32	7.54	7.97	2.4	2.177
753	7/11/2008 10:16	17.85	51.257	33.73	7.37	7.97	2.3	2.133
754	7/11/2008 10:31	18.14	50.936	33.49	7.55	8	2.4	2.082
755	7/11/2008 10:46	18.35	50.696	33.32	7.9	8.02	3.1	2.054
756	7/11/2008 11:01	18.43	50.973	33.52	8.06	8.02	2.4	2.015
757	7/11/2008 11:16	18.54	50.784	33.38	8.31	8.08	2.4	1.965
758	7/11/2008 11:31	18.63	51	33.54	8.55	8.09	2.5	1.935
759	7/11/2008 11:46	18.7	50.882	33.46	8.54	8.07	2.9	1.918
760	7/11/2008 12:01	18.78	50.783	33.38	7.72	8.03	0.9	1.894
761	7/11/2008 12:16	18.81	50.848	33.43	6.96	8	0.2	1.872
762	7/11/2008 12:31	18.81	50.545	33.21	8.54	8.07	3.1	1.877
763	7/11/2008 12:46	18.72	50.936	33.5	8.24	8	3.8	1.885
764	7/11/2008 13:01	18.81	50.821	33.41	8.25	8.08	2.9	1.889
765	7/11/2008 13:16	18.73	50.767	33.37	8.01	8.07	3.2	1.89
766	7/11/2008 13:31	18.69	50.527	33.2	8.05	8.06	3.4	1.925
767	7/11/2008 13:46	18.73	50.784	33.38	7.82	8.02	3.1	1.96
768	7/11/2008 14:01	18.65	50.856	33.44	7.75	8.02	3.7	1.988
769	7/11/2008 14:16	18.48	50.733	33.35	7.76	8	3.5	2.038
770	7/11/2008 14:31	18.37	50.838	33.42	7.73	8	3.8	2.086
771	7/11/2008 14:46	18.31	50.632	33.27	7.75	7.99	4.2	2.141
772	7/11/2008 15:01	17.99	50.894	33.46	7.7	7.98	3.8	2.189
773	7/11/2008 15:16	17.82	50.657	33.29	7.63	7.97	4	2.243
774	7/11/2008 15:31	17.59	50.399	33.1	7.61	7.96	3.7	2.305
775	7/11/2008 15:46	17.35	50.526	33.19	7.53	7.94	3.8	2.364
776	7/11/2008 16:01	17.12	50.309	33.03	7.55	7.92	3.8	2.419
777	7/11/2008 16:16	16.95	50.575	33.22	7.57	7.93	4	2.483
778	7/11/2008 16:31	16.75	50.76	33.35	7.63	7.92	4	2.547
779	7/11/2008 16:46	16.42	50.462	33.13	7.54	7.94	3.7	2.61
780	7/11/2008 17:01	16.19	50.686	33.29	7.55	7.89	3.7	2.672
781	7/11/2008 17:16	15.86	50.266	32.98	7.57	7.92	3.7	2.745
782	7/11/2008 17:31	15.56	50.678	33.27	7.62	7.92	3.9	2.803
783	7/11/2008 17:46	15.33	50.252	32.95	7.68	7.87	3.7	2.868
784	7/11/2008 18:01	15.09	51.05	33.53	7.7	7.93	3.7	2.924
785	7/11/2008 18:16	14.77	50.986	33.48	7.71	7.89	4	2.983
786	7/11/2008 18:31	14.58	51.047	33.52	7.64	7.79	3.1	3.032
787	7/11/2008 18:46	14.38	51.038	33.51	7.56	8.05	2.3	3.063
788	7/11/2008 19:01	14.18	51.069	33.52	7.48	7.78	1.6	3.101
789	7/11/2008 19:16	14.07	50.283	32.94	7.46	7.67	1.8	3.136
790	7/11/2008 19:31	14.06	50.462	33.07	7.16	7.81	0.9	3.133
791	7/11/2008 19:46	14.28	50.186	32.88	7.36	7.84	2.3	3.14

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
792	7/11/2008 20:01	14.15	50.149	32.85	7.4	7.83	2.6	3.136
793	7/11/2008 20:16	14.15	50.503	33.11	7.52	7.83	2.7	3.095
794	7/11/2008 20:31	14.37	50.533	33.14	7.44	7.83	3	3.057
795	7/11/2008 20:46	15.19	50.648	33.24	7.83	7.91	2.6	3.021
796	7/11/2008 21:01	15.24	50.132	32.86	7.62	7.91	4.6	2.946
797	7/11/2008 21:16	15.8	50.3	33	7.81	7.97	4.7	2.871
798	7/11/2008 21:31	16.5	50.761	33.35	8.29	8	4.2	2.811
799	7/11/2008 21:46	16.66	50.655	33.27	8.29	8	4.4	2.727
800	7/11/2008 22:01	17.11	50.32	33.03	8.38	8.02	4.8	2.646
801	7/11/2008 22:16	17.43	50.301	33.02	8.59	8.04	3.5	2.571
802	7/11/2008 22:31	17.59	50.324	33.04	8.62	8.05	3.1	2.499
803	7/11/2008 22:46	17.76	50.337	33.05	8.45	8.04	3.1	2.415
804	7/11/2008 23:01	18.01	50.266	33	8.44	8.05	4	2.321
805	7/11/2008 23:16	18.12	49.87	32.71	8.38	8.07	6	2.241
806	7/11/2008 23:31	18.34	50.522	33.19	8.4	8.07	3.6	2.162
807	7/11/2008 23:46	18.45	50.459	33.15	8.27	8.07	4.3	2.067
808	7/12/2008 0:01	18.45	50.615	33.26	8.37	8.08	6.3	1.966
809	7/12/2008 0:16	18.55	50.545	33.21	8.23	8.08	4.6	1.87
810	7/12/2008 0:31	18.4	51.085	33.6	8.01	8.05	3.4	1.792
811	7/12/2008 0:46	18.38	51.713	34.07	7.99	8.05	3.7	1.689
812	7/12/2008 1:01	18.35	50.141	32.91	7.93	8.03	2.9	1.616
813	7/12/2008 1:16	18.64	50.606	33.25	8.07	8.06	2.8	1.529
814	7/12/2008 1:31	18.69	50.409	33.11	7.94	8.06	2.9	1.454
815	7/12/2008 1:46	18.83	50.325	33.05	8	8.07	2.7	1.417
816	7/12/2008 2:01	19.08	50.413	33.11	8.12	8.08	2.6	1.357
817	7/12/2008 2:16	19.18	49.9	32.74	8.02	8.08	1.9	1.323
818	7/12/2008 2:31	19.21	50.247	32.99	7.77	8.05	1.3	1.316
819	7/12/2008 2:46	19.24	50.19	32.95	7.05	8.04	0.3	1.302
820	7/12/2008 3:01	19.14	50.316	33.04	8.03	8.09	2.4	1.318
821	7/12/2008 3:16	19.2	51.758	34.1	8.24	8.1	3.2	1.349
822	7/12/2008 3:31	19.09	50.906	33.47	8.21	8.09	3	1.381
823	7/12/2008 3:46	19.04	50.656	33.29	8.17	8.08	3.3	1.427
824	7/12/2008 4:01	18.99	50.403	33.1	8.22	8.08	3.4	1.488
825	7/12/2008 4:16	18.93	50.402	33.1	8.18	8.08	3.4	1.538
826	7/12/2008 4:31	18.96	50.297	33.03	8.11	8.08	3.7	1.589
827	7/12/2008 4:46	19.13	50.417	33.12	7.89	8.07	4.1	1.644
828	7/12/2008 5:01	19.15	50.77	33.37	7.84	8.07	4.4	1.702
829	7/12/2008 5:16	19.1	49.904	32.74	7.87	8.07	4.4	1.76
830	7/12/2008 5:31	18.96	50.726	33.34	7.79	8.06	3.7	1.794
831	7/12/2008 5:46	18.85	50.718	33.34	7.98	8.07	3.6	1.853
832	7/12/2008 6:01	18.78	50.212	32.96	8.05	8.07	3.9	1.922
833	7/12/2008 6:16	18.73	50.231	32.98	7.98	8.06	4.3	1.971
834	7/12/2008 6:31	18.56	49.883	32.72	7.85	8.05	4.9	2.018
835	7/12/2008 6:46	18.28	49.904	32.74	7.81	8.03	4	2.074

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
836	7/12/2008 7:01	18.08	50.988	33.53	7.66	8.01	4.3	2.131
837	7/12/2008 7:16	17.9	49.957	32.77	7.63	8	3.8	2.172
838	7/12/2008 7:31	17.81	49.858	32.7	7.57	7.99	3.6	2.214
839	7/12/2008 7:46	17.69	49.895	32.73	7.51	7.98	5.7	2.261
840	7/12/2008 8:01	17.53	50.387	33.09	7.52	7.98	3.4	2.304
841	7/12/2008 8:16	17.4	50.517	33.18	7.49	7.97	3.2	2.346
842	7/12/2008 8:31	17.27	50.442	33.12	7.45	7.95	2.5	2.369
843	7/12/2008 8:46	17.26	49.758	32.62	7.4	7.96	2.3	2.401
844	7/12/2008 9:01	17.1	49.748	32.61	7.4	7.9	2.3	2.44
845	7/12/2008 9:16	17.04	50.607	33.24	7.16	7.94	1.1	2.443
846	7/12/2008 9:31	17.16	49.602	32.51	6.66	7.92	2.9	2.453
847	7/12/2008 9:46	17.16	49.896	32.72	7.22	7.95	2.6	2.459
848	7/12/2008 10:01	17.08	50.119	32.89	7.23	7.89	3.1	2.458
849	7/12/2008 10:16	17.05	49.788	32.64	7.2	7.88	4.2	2.439
850	7/12/2008 10:31	17.14	50.136	32.9	7.3	7.89	3.2	2.417
851	7/12/2008 10:46	17.18	50.6	33.24	7.26	7.95	3.1	2.393
852	7/12/2008 11:01	17.37	49.946	32.76	7.29	7.96	2.6	2.359
853	7/12/2008 11:16	17.6	50.063	32.85	7.57	7.99	3.8	2.321
854	7/12/2008 11:31	17.65	50.21	32.96	7.64	8	2.8	2.281
855	7/12/2008 11:46	17.72	50.024	32.82	7.6	8	3.9	2.245
856	7/12/2008 12:01	17.86	50.483	33.16	7.54	8	3	2.206
857	7/12/2008 12:16	17.95	50.109	32.89	7.74	8.03	3.1	2.17
858	7/12/2008 12:31	18.02	50.013	32.82	7.49	8.01	2.4	2.147
859	7/12/2008 12:46	18.11	50.446	33.13	7.79	8.03	3.1	2.115
860	7/12/2008 13:01	18.21	50.119	32.89	7.59	8.02	1.9	2.094
861	7/12/2008 13:16	18.32	49.968	32.78	7.13	8	0.9	2.094
862	7/12/2008 13:31	18.41	49.952	32.77	6.66	7.98	0.9	2.079
863	7/12/2008 13:46	18.28	50.747	33.36	7.18	8	1.6	2.08
864	7/12/2008 14:01	18.39	49.848	32.7	7.76	8.03	2.7	2.089
865	7/12/2008 14:16	18.33	50.133	32.91	7.7	8.03	3.2	2.111
866	7/12/2008 14:31	18.23	50.542	33.21	7.57	8.02	3.1	2.126
867	7/12/2008 14:46	18.18	50.351	33.06	7.53	8.01	3.4	2.159
868	7/12/2008 15:01	18.17	50.373	33.08	7.45	8	2.4	2.197
869	7/12/2008 15:16	18.07	50.294	33.02	7.45	8	3.5	2.228
870	7/12/2008 15:31	17.98	50.47	33.15	7.42	7.99	2.9	2.286
871	7/12/2008 15:46	17.84	50.278	33.01	7.46	7.99	2.6	2.326
872	7/12/2008 16:01	17.66	50.249	32.99	7.42	7.97	2.3	2.379
873	7/12/2008 16:16	17.51	50.234	32.97	7.42	7.96	2.2	2.431
874	7/12/2008 16:31	17.18	50.594	33.24	7.36	7.98	2.3	2.475
875	7/12/2008 16:46	16.92	49.771	32.63	7.3	7.88	2	2.537
876	7/12/2008 17:01	16.55	49.779	32.63	7.29	7.96	2	2.597
877	7/12/2008 17:16	16.37	49.608	32.5	7.33	7.85	2.4	2.65
878	7/12/2008 17:31	16.15	50.079	32.84	7.33	7.85	3.7	2.711
879	7/12/2008 17:46	15.76	49.723	32.58	7.34	7.92	2.4	2.777

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
880	7/12/2008 18:01	15.66	50.33	33.02	7.31	7.88	2	2.833
881	7/12/2008 18:16	15.34	50.241	32.95	7.28	7.88	1.8	2.891
882	7/12/2008 18:31	15.2	50.232	32.94	7.29	7.89	1.4	2.952
883	7/12/2008 18:46	14.94	50.114	32.84	7.4	7.89	1.8	3.004
884	7/12/2008 19:01	14.51	50.212	32.91	7.38	7.88	2.1	3.054
885	7/12/2008 19:16	14.22	49.859	32.64	7.35	7.86	1	3.097
886	7/12/2008 19:31	14.07	50.328	32.98	7.23	7.86	1.2	3.14
887	7/12/2008 19:46	13.94	51.408	33.76	7.12	7.84	1.3	3.167
888	7/12/2008 20:01	13.81	49.979	32.71	7.16	7.84	1.5	3.192
889	7/12/2008 20:16	13.73	50.41	33.03	6.87	7.84	1	3.199
890	7/12/2008 20:31	13.87	50.534	33.12	6.63	7.82	0.3	3.206
891	7/12/2008 20:46	13.82	50.326	32.97	7.16	7.85	1.7	3.193
892	7/12/2008 21:01	13.78	50.241	32.9	7.17	7.85	2	3.169
893	7/12/2008 21:16	13.86	50.152	32.84	7.26	7.84	2.8	3.133
894	7/12/2008 21:31	14.77	49.953	32.72	7.45	7.9	2.1	3.083
895	7/12/2008 21:46	15.1	49.976	32.75	7.4	7.92	4.7	3.028
896	7/12/2008 22:01	15.44	50.014	32.78	7.37	7.93	2.7	2.961
897	7/12/2008 22:16	16.02	50.025	32.8	7.6	7.94	2.7	2.884
898	7/12/2008 22:31	16.03	50.327	33.02	7.61	7.95	2.6	2.811
899	7/12/2008 22:46	16.38	49.715	32.58	7.81	7.92	2.7	2.735
900	7/12/2008 23:01	16.82	49.437	32.38	7.99	8.04	3.3	2.65
901	7/12/2008 23:16	17.03	50.314	33.03	8.15	8.03	2.7	2.557
902	7/12/2008 23:31	17.29	50.39	33.09	8.05	8.04	4.6	2.467
903	7/12/2008 23:46	17.47	50.436	33.12	8.09	8.05	2.8	2.392
904	7/13/2008 0:01	17.44	50.5	33.17	7.95	8.03	5.7	2.281
905	7/13/2008 0:16	17.43	50.404	33.1	7.82	8.02	3.5	2.186
906	7/13/2008 0:31	17.54	50.406	33.1	7.69	8.02	4	2.087
907	7/13/2008 0:46	17.4	50.43	33.12	7.52	8	4.1	1.99
908	7/13/2008 1:01	17.25	50.391	33.09	7.32	7.98	2.9	1.888
909	7/13/2008 1:16	17.5	50.41	33.1	7.31	8	4.5	1.78
910	7/13/2008 1:31	17.43	50.895	33.46	7.18	7.99	3.5	1.691
911	7/13/2008 1:46	17.8	50.501	33.17	7.3	8.01	4.6	1.594
912	7/13/2008 2:01	17.9	50.537	33.2	7.32	8.01	3.6	1.495
913	7/13/2008 2:16	18.02	51.149	33.65	7.15	8	3.4	1.41
914	7/13/2008 2:31	18.27	51.388	33.83	7.13	8.01	3.6	1.345
915	7/13/2008 2:46	18.53	51.293	33.76	7.34	8.04	3	1.29
916	7/13/2008 3:01	18.48	51.324	33.78	7.24	8.03	3	1.244
917	7/13/2008 3:16	18.82	50.607	33.25	7.59	8.07	2.1	1.221
918	7/13/2008 3:31	18.94	51.468	33.89	7.27	8.06	1.4	1.205
919	7/13/2008 3:46	18.78	51.521	33.93	7.22	8.06	2.1	1.224
920	7/13/2008 4:01	18.8	51.118	33.63	7.69	8.08	3.1	1.254
921	7/13/2008 4:16	18.73	51.419	33.85	7.64	8.07	2.9	1.268
922	7/13/2008 4:31	18.76	51.361	33.81	7.71	8.07	2.8	1.312
923	7/13/2008 4:46	18.8	51.296	33.76	7.81	8.08	3.4	1.376

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
924	7/13/2008 5:01	18.78	51.222	33.71	7.79	8.08	3.5	1.443
925	7/13/2008 5:16	18.73	51.404	33.84	7.65	8.09	4.4	1.471
926	7/13/2008 5:31	18.8	51.364	33.81	7.65	8.07	4.2	1.535
927	7/13/2008 5:46	18.84	51.172	33.67	7.63	8.07	4.3	1.607
928	7/13/2008 6:01	18.8	51.405	33.84	7.56	8.07	3.8	1.658
929	7/13/2008 6:16	18.67	51.209	33.7	7.71	8.07	3.7	1.714
930	7/13/2008 6:31	18.55	51.272	33.74	7.67	8.06	4.1	1.758
931	7/13/2008 6:46	18.45	50.969	33.52	7.66	8.06	3.6	1.838
932	7/13/2008 7:01	18.39	50.605	33.25	7.64	8.05	3.7	1.902
933	7/13/2008 7:16	18.29	51.228	33.71	7.64	8.05	3.1	1.946
934	7/13/2008 7:31	18.08	51.032	33.56	7.56	8.03	3.2	2.011
935	7/13/2008 7:46	18	51.122	33.63	7.45	8.02	3.7	2.078
936	7/13/2008 8:01	17.77	51.082	33.6	7.41	8	3.6	2.142
937	7/13/2008 8:16	17.61	50.888	33.46	7.32	7.99	3.2	2.192
938	7/13/2008 8:31	17.49	51.194	33.68	7.27	7.98	2.9	2.237
939	7/13/2008 8:46	17.38	50.438	33.12	7.29	7.98	3.2	2.302
940	7/13/2008 9:01	17.28	50.352	33.06	7.3	8	2.9	2.35
941	7/13/2008 9:16	17.14	50.758	33.36	7.26	7.97	2.4	2.387
942	7/13/2008 9:31	17.01	50.991	33.53	7.21	7.95	2.2	2.428
943	7/13/2008 9:46	16.89	51.197	33.67	7.19	8.13	2.5	2.478
944	7/13/2008 10:01	16.77	51.151	33.64	7.07	7.93	2.1	2.499
945	7/13/2008 10:16	16.67	50.695	33.3	7	7.96	1.9	2.523
946	7/13/2008 10:31	16.55	50.854	33.42	6.88	7.92	1.4	2.545
947	7/13/2008 10:46	16.89	50.881	33.44	6.98	7.92	2.3	2.54
948	7/13/2008 11:01	16.77	51.08	33.59	5.53	7.85	0.3	2.551
949	7/13/2008 11:16	16.62	50.821	33.39	6.73	7.92	1.9	2.537
950	7/13/2008 11:31	16.52	50.685	33.29	6.9	7.92	2.5	2.516
951	7/13/2008 11:46	16.63	50.913	33.46	6.93	7.92	3.4	2.483
952	7/13/2008 12:01	16.86	50.882	33.44	7.06	7.94	2	2.451
953	7/13/2008 12:16	17.06	50.976	33.51	7.34	7.97	3.2	2.425
954	7/13/2008 12:31	17.13	50.78	33.37	7.22	7.96	3.2	2.372
955	7/13/2008 12:46	17.26	50.838	33.42	7.3	7.97	2.9	2.334
956	7/13/2008 13:01	17.38	51.157	33.65	7.07	7.96	2.3	2.298
957	7/13/2008 13:16	17.47	50.901	33.46	7.17	7.97	2.4	2.266
958	7/13/2008 13:31	17.55	50.91	33.47	7.19	7.98	2.3	2.229
959	7/13/2008 13:46	17.62	50.988	33.53	7.12	7.97	1.8	2.207
960	7/13/2008 14:01	17.78	50.933	33.49	6.78	7.96	0.5	2.196
961	7/13/2008 14:16	17.83	50.946	33.5	6.48	7.95	1.3	2.185
962	7/13/2008 14:31	17.89	50.994	33.54	7.59	8.02	3.1	2.188
963	7/13/2008 14:46	17.97	51.149	33.65	7.62	8.01	2.5	2.175
964	7/13/2008 15:01	18	51.015	33.55	7.55	8.02	2.7	2.193
965	7/13/2008 15:16	17.92	50.86	33.44	7.61	8.02	3.1	2.216
966	7/13/2008 15:31	17.92	51.133	33.64	7.48	8.01	3.6	2.22
967	7/13/2008 15:46	17.89	51.007	33.54	7.46	7.99	2.9	2.251

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
968	7/13/2008 16:01	17.91	51.338	33.79	7.44	8.01	3.2	2.283
969	7/13/2008 16:16	17.78	51.367	33.81	7.49	8.04	3.4	2.323
970	7/13/2008 16:31	17.65	50.412	33.11	7.43	8.01	3.5	2.357
971	7/13/2008 16:46	17.47	51.3	33.76	7.4	7.98	3.4	2.399
972	7/13/2008 17:01	17.32	50.448	33.13	7.37	7.99	3.4	2.458
973	7/13/2008 17:16	17.09	50.58	33.22	7.29	7.9	3.2	2.493
974	7/13/2008 17:31	16.77	51.057	33.57	7.26	7.95	3.7	2.559
975	7/13/2008 17:46	16.43	50.85	33.41	7.28	7.92	2.9	2.609
976	7/13/2008 18:01	15.55	51.1	33.58	7.06	7.88	2.9	2.669
977	7/13/2008 18:16	15.03	50.862	33.39	7.09	7.87	3.2	2.729
978	7/13/2008 18:31	14.8	50.977	33.47	7.06	7.87	2.6	2.781
979	7/13/2008 18:46	14.59	51.1	33.56	7.07	7.86	2.9	2.852
980	7/13/2008 19:01	14.46	50.944	33.44	7.13	7.86	2.9	2.906
981	7/13/2008 19:16	14.26	51.095	33.54	7.14	7.86	2.6	2.973
982	7/13/2008 19:31	14.13	50.566	33.15	7.18	7.86	3.4	3.031
983	7/13/2008 19:46	13.96	50.562	33.14	7.21	7.8	3.1	3.081
984	7/13/2008 20:01	13.76	50.235	32.9	7.32	7.8	2.3	3.131
985	7/13/2008 20:16	13.56	50.327	32.96	7.37	7.93	2.1	3.175
986	7/13/2008 20:31	13.46	51.177	33.58	7.35	7.71	1.7	3.204
987	7/13/2008 20:46	13.4	50.559	33.12	7.36	8.04	1.3	3.231
988	7/13/2008 21:01	13.33	50.341	32.96	7.23	7.92	0.7	3.253
989	7/13/2008 21:16	13.68	50.135	32.82	7.02	7.78	2	3.253
990	7/13/2008 21:31	13.5	50.959	33.42	6.92	7.78	0.9	3.246
991	7/13/2008 21:46	13.29	50.825	33.31	7.39	7.79	2.6	3.22
992	7/13/2008 22:01	13.34	50.21	32.87	7.39	7.79	2	3.189
993	7/13/2008 22:16	13.91	50.3	32.95	7.33	7.95	2.4	3.137
994	7/13/2008 22:31	14.01	50.335	32.98	7.3	7.82	3.3	3.068
995	7/13/2008 22:46	14.88	50.989	33.48	7.31	8.1	3.2	2.999
996	7/13/2008 23:01	15.54	50.799	33.36	7.49	7.95	3.8	2.927
997	7/13/2008 23:16	15.6	50.425	33.09	7.43	7.88	4.1	2.833
998	7/13/2008 23:31	16.01	50.91	33.45	6.82	7.89	5.4	2.76
999	7/13/2008 23:46	16.32	50.343	33.04	7	7.93	4.2	2.667
1000	7/14/2008 0:01	16.55	50.322	33.03	7.1	7.9	3.8	2.574
1001	7/14/2008 0:16	16.84	50.403	33.09	7.27	7.98	3.8	2.483
1002	7/14/2008 0:31	17.09	50.531	33.19	7.5	8	3.8	2.374
1003	7/14/2008 0:46	17.11	50.532	33.19	7.16	7.99	4.5	2.279
1004	7/14/2008 1:01	17.01	51.026	33.55	6.64	8	6.1	2.178
1005	7/14/2008 1:16	17.05	50.464	33.14	7.34	8.02	7.1	2.066
1006	7/14/2008 1:31	17.18	50.813	33.4	7.46	8	5.2	1.958
1007	7/14/2008 1:46	16.91	50.859	33.43	7.21	8.01	5.1	1.851
1008	7/14/2008 2:01	17.16	51.086	33.6	7.31	8	5.4	1.746
1009	7/14/2008 2:16	17.29	51.149	33.64	7.2	7.99	5.1	1.641
1010	7/14/2008 2:31	17.27	51.091	33.6	7.15	8	4.5	1.541
1011	7/14/2008 2:46	17.53	50.499	33.17	7.14	7.99	4.4	1.437

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1012	7/14/2008 3:01	17.61	51.272	33.74	6.99	7.99	3.8	1.35
1013	7/14/2008 3:16	17.88	50.605	33.25	7.06	8	3.7	1.276
1014	7/14/2008 3:31	18.09	50.614	33.26	7.06	8.01	3.5	1.207
1015	7/14/2008 3:46	18.32	50.672	33.3	7.24	8.03	4.9	1.151
1016	7/14/2008 4:01	18.41	51.113	33.63	7.26	8.04	3.1	1.12
1017	7/14/2008 4:16	18.59	50.709	33.33	6.95	8.04	1.6	1.122
1018	7/14/2008 4:31	18.4	51.235	33.72	6.78	8.02	1.5	1.104
1019	7/14/2008 4:46	18.68	51.469	33.89	7.5	8.07	2.3	1.138
1020	7/14/2008 5:01	18.62	51.221	33.71	7.62	8.08	2.7	1.174
1021	7/14/2008 5:16	18.57	51.307	33.77	7.6	8.07	3.7	1.223
1022	7/14/2008 5:31	18.59	51.191	33.68	7.62	8.07	3	1.283
1023	7/14/2008 5:46	18.54	51.177	33.67	7.59	8.07	3.5	1.336
1024	7/14/2008 6:01	18.56	51.332	33.79	7.51	8.06	4	1.405
1025	7/14/2008 6:16	18.62	51.149	33.65	7.41	8.06	4.6	1.463
1026	7/14/2008 6:31	18.62	51.04	33.57	7.41	8.06	4.9	1.522
1027	7/14/2008 6:46	18.5	51.097	33.61	7.49	8.06	3.8	1.585
1028	7/14/2008 7:01	18.38	50.863	33.44	7.48	8.05	3.6	1.646
1029	7/14/2008 7:16	18.29	50.959	33.51	7.5	8.05	3.8	1.72
1030	7/14/2008 7:31	18.24	51.158	33.66	7.48	8.05	4.8	1.789
1031	7/14/2008 7:46	18.1	51.352	33.8	7.46	8.04	4.3	1.862
1032	7/14/2008 8:01	17.89	50.905	33.47	7.41	8.02	4.8	1.935
1033	7/14/2008 8:16	17.71	51.035	33.56	7.28	8	4.7	2.001
1034	7/14/2008 8:31	17.56	51.197	33.68	7.2	7.98	4.5	2.07
1035	7/14/2008 8:46	17.39	50.973	33.52	7.16	7.98	4.2	2.146
1036	7/14/2008 9:01	17.2	50.766	33.36	7.13	7.97	4.1	2.203
1037	7/14/2008 9:16	17.05	51.174	33.66	7.07	7.95	3.9	2.263
1038	7/14/2008 9:31	16.9	51.182	33.66	7.07	7.95	3.7	2.328
1039	7/14/2008 9:46	16.8	50.84	33.41	7.06	7.95	3.8	2.383
1040	7/14/2008 10:01	16.65	50.816	33.39	7.01	7.94	4.5	2.438
1041	7/14/2008 10:16	16.43	50.921	33.47	6.96	7.92	3.8	2.481
1042	7/14/2008 10:31	16.06	51.03	33.54	6.93	7.91	3.8	2.533
1043	7/14/2008 10:46	15.88	51.059	33.56	6.88	7.9	3.5	2.571
1044	7/14/2008 11:01	15.81	51.015	33.52	6.82	7.89	2.7	2.596
1045	7/14/2008 11:16	15.78	50.895	33.44	6.69	7.89	1.5	2.626
1046	7/14/2008 11:31	15.72	50.818	33.38	6.64	7.88	1	2.653
1047	7/14/2008 11:46	15.83	50.825	33.38	6.29	7.87	0.5	2.659
1048	7/14/2008 12:01	15.86	50.723	33.31	6.03	7.87	1	2.648
1049	7/14/2008 12:16	15.84	50.694	33.29	6.6	7.89	2.3	2.644
1050	7/14/2008 12:31	15.79	50.81	33.37	6.67	7.88	3.4	2.621
1051	7/14/2008 12:46	15.96	50.535	33.17	6.71	7.91	3.9	2.577
1052	7/14/2008 13:01	16.14	50.618	33.24	6.9	7.92	4.4	2.534
1053	7/14/2008 13:16	16.3	50.58	33.21	7.03	7.94	4	2.498
1054	7/14/2008 13:31	16.55	50.834	33.4	7.2	7.95	3.9	2.452
1055	7/14/2008 13:46	16.9	50.725	33.33	7.44	7.98	4.1	2.391

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	7/14/2008 14:01	17.19	51.077	33.59	7.55	7.99	3.4	2.344
1057	7/14/2008 14:16	17.28	50.986	33.52	7.47	8.05	2.7	2.319
1058	7/14/2008 14:31	17.45	50.915	33.47	7.65	8.02	3.6	2.28
1059	7/14/2008 14:46	17.62	50.785	33.38	7.79	8.07	3.1	2.249
1060	7/14/2008 15:01	17.79	50.791	33.39	7.68	8.04	1.7	2.228
1061	7/14/2008 15:16	17.91	50.981	33.53	7.78	8.05	1.3	2.219
1062	7/14/2008 15:31	18.12	51.115	33.63	7.81	8.07	0.9	2.213
1063	7/14/2008 15:46	17.86	50.878	33.45	7.94	8.05	2.2	2.202
1064	7/14/2008 16:01	18.02	51.142	33.65	7.87	8.04	2.2	2.22
1065	7/14/2008 16:16	18.03	51.241	33.72	7.81	8.04	2.4	2.243
1066	7/14/2008 16:31	17.9	51.039	33.57	7.74	8.02	2.3	2.267
1067	7/14/2008 16:46	17.96	51.137	33.64	7.86	8.03	3.6	2.291
1068	7/14/2008 17:01	17.8	50.989	33.53	7.67	8.01	2.4	2.332
1069	7/14/2008 17:16	17.55	50.723	33.33	7.59	8	2.8	2.378
1070	7/14/2008 17:31	17.37	50.991	33.53	7.5	7.98	2.6	2.423
1071	7/14/2008 17:46	17.02	50.969	33.51	7.35	7.96	2.6	2.475
1072	7/14/2008 18:01	16.46	51.05	33.56	7.12	7.92	3.2	2.529
1073	7/14/2008 18:16	16.15	50.874	33.43	7.01	7.91	2.5	2.579
1074	7/14/2008 18:31	15.69	50.856	33.4	7.03	7.89	3	2.648
1075	7/14/2008 18:46	15.08	51.142	33.6	6.99	8.06	3.1	2.699
1076	7/14/2008 19:01	15.02	50.821	33.36	7.01	8.06	2.3	2.754
1077	7/14/2008 19:16	14.69	50.65	33.23	7.07	7.88	2.4	2.823
1078	7/14/2008 19:31	14.56	50.929	33.43	6.97	7.86	2.9	2.882
1079	7/14/2008 19:46	14.39	50.826	33.35	6.95	7.87	3.5	2.945
1080	7/14/2008 20:01	14.08	50.804	33.33	7.04	7.85	4.3	2.994
1081	7/14/2008 20:16	13.77	50.691	33.23	7.1	7.85	2.8	3.056
1082	7/14/2008 20:31	13.49	50.805	33.31	7.2	7.86	2.4	3.111
1083	7/14/2008 20:46	13.26	51.015	33.45	7.28	7.83	1.9	3.154
1084	7/14/2008 21:01	13.15	50.791	33.28	7.08	7.85	1.8	3.194
1085	7/14/2008 21:16	13.11	50.767	33.26	7.02	7.83	1.6	3.234
1086	7/14/2008 21:31	13.05	50.627	33.16	7.08	7.85	1.5	3.263
1087	7/14/2008 21:46	12.98	50.739	33.24	6.95	7.84	2.4	3.273
1088	7/14/2008 22:01	13.22	50.843	33.32	6.99	7.84	1.1	3.287
1089	7/14/2008 22:16	13.11	50.887	33.35	7.19	7.83	1.7	3.273
1090	7/14/2008 22:31	13.03	51.019	33.44	7.18	7.85	2.2	3.245
1091	7/14/2008 22:46	13.06	50.746	33.25	7.05	7.82	4.5	3.221
1092	7/14/2008 23:01	13.03	50.898	33.36	6.96	7.83	4.5	3.161
1093	7/14/2008 23:16	13.84	50.853	33.35	7.19	7.89	3.2	3.093
1094	7/14/2008 23:31	13.99	50.7	33.25	7.01	7.87	2.7	3.028
1095	7/14/2008 23:46	14.72	50.813	33.35	7.07	7.91	2.7	2.945
1096	7/15/2008 0:01	15.08	50.902	33.43	7.15	7.93	3.1	2.865
1097	7/15/2008 0:16	15.5	50.73	33.31	7.28	7.95	4.2	2.766
1098	7/15/2008 0:31	16.04	50.733	33.32	7.37	7.99	4.1	2.67
1099	7/15/2008 0:46	16.23	50.343	33.04	7.39	7.92	5.7	2.571

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1100	7/15/2008 1:01	16.59	50.383	33.07	7.44	7.94	3.4	2.481
1101	7/15/2008 1:16	16.76	50.773	33.36	7.4	8.01	3.5	2.375
1102	7/15/2008 1:31	16.83	50.825	33.4	7.47	8	4.6	2.253
1103	7/15/2008 1:46	16.74	50.91	33.46	7.32	7.99	3.5	2.155
1104	7/15/2008 2:01	16.84	51.129	33.62	7.42	8	5.1	2.043
1105	7/15/2008 2:16	16.95	51.124	33.62	7.44	7.99	4.5	1.939
1106	7/15/2008 2:31	16.96	50.695	33.31	7.33	8	5.2	1.8
1107	7/15/2008 2:46	17.02	50.959	33.5	7.18	7.99	5	1.686
1108	7/15/2008 3:01	17.43	51.14	33.64	7.33	8.01	7	1.59
1109	7/15/2008 3:16	17.39	51.234	33.71	7.18	7.99	4.6	1.465
1110	7/15/2008 3:31	17.52	51.297	33.76	7.28	8.18	4.3	1.352
1111	7/15/2008 3:46	17.77	51.225	33.7	7.25	8.18	3.7	1.26
1112	7/15/2008 4:01	17.79	51.046	33.57	7.23	8.01	3.4	1.188
1113	7/15/2008 4:16	18.4	51.062	33.59	7.65	8.06	4	1.122
1114	7/15/2008 4:31	18.43	51.132	33.64	7.52	8.06	3.7	1.049
1115	7/15/2008 4:46	18.68	51.281	33.75	7.72	8.08	3	1.035
1116	7/15/2008 5:01	18.77	51.292	33.76	7.59	8.07	2.7	1.036
1117	7/15/2008 5:16	18.33	51.262	33.74	7.04	8.04	2.4	1.03
1118	7/15/2008 5:31	18.68	51.306	33.77	7.62	8.08	2.9	1.065
1119	7/15/2008 5:46	18.75	51.346	33.8	7.82	8.1	2.6	1.084
1120	7/15/2008 6:01	18.72	50.8	33.4	7.93	8.1	3.1	1.158
1121	7/15/2008 6:16	18.73	51.504	33.91	7.85	8.1	4.3	1.206
1122	7/15/2008 6:31	18.68	51.462	33.88	7.85	8.1	3.7	1.27
1123	7/15/2008 6:46	18.72	51.252	33.73	7.7	8.09	4.8	1.334
1124	7/15/2008 7:01	18.77	51.242	33.72	7.58	8.08	5.1	1.401
1125	7/15/2008 7:16	18.77	50.738	33.35	7.52	8.08	5.9	1.484
1126	7/15/2008 7:31	18.64	51.123	33.63	7.62	8.08	4.3	1.537
1127	7/15/2008 7:46	18.47	50.981	33.53	7.68	8.07	4.5	1.619
1128	7/15/2008 8:01	18.39	51.287	33.75	7.69	8.07	4.3	1.695
1129	7/15/2008 8:16	18.28	50.743	33.35	7.7	8.07	5.2	1.779
1130	7/15/2008 8:31	18.14	50.75	33.36	7.66	8.06	4	1.848
1131	7/15/2008 8:46	17.95	50.682	33.31	7.5	8.04	4.5	1.921
1132	7/15/2008 9:01	17.8	50.888	33.46	7.4	8.02	5.6	2.011
1133	7/15/2008 9:16	17.66	51.082	33.6	7.28	8.01	5.2	2.085
1134	7/15/2008 9:31	17.54	50.867	33.44	7.22	8	5.2	2.15
1135	7/15/2008 9:46	17.39	51.164	33.66	7.14	7.98	4.5	2.221
1136	7/15/2008 10:01	17.16	50.889	33.45	7.12	7.98	4.8	2.292
1137	7/15/2008 10:16	16.98	51.002	33.53	7.06	7.96	4.3	2.362
1138	7/15/2008 10:31	16.79	50.826	33.4	6.99	7.95	4.5	2.418
1139	7/15/2008 10:46	16.54	50.676	33.29	6.92	7.95	5.1	2.476
1140	7/15/2008 11:01	16.22	50.822	33.39	6.82	7.93	4.2	2.538
1141	7/15/2008 11:16	15.98	51.005	33.52	6.72	7.9	3.8	2.58
1142	7/15/2008 11:31	15.93	50.915	33.45	6.69	7.9	3.8	2.625
1143	7/15/2008 11:46	15.63	50.854	33.4	6.62	7.89	2.8	2.663

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1144	7/15/2008 12:01	15.13	51.086	33.56	6.59	7.87	2.2	2.697
1145	7/15/2008 12:16	14.84	50.838	33.37	6.51	7.85	2	2.708
1146	7/15/2008 12:31	15.59	50.527	33.16	6.34	7.89	2.1	2.714
1147	7/15/2008 12:46	15.29	50.982	33.49	5.49	7.8	1.1	2.71
1148	7/15/2008 13:01	15.05	50.55	33.17	6.4	7.86	5.2	2.68
1149	7/15/2008 13:16	15.52	50.678	33.27	6.58	7.9	5.8	2.646
1150	7/15/2008 13:31	15.99	50.566	33.2	6.75	7.93	3.5	2.609
1151	7/15/2008 13:46	16.22	50.875	33.43	6.77	7.94	3.2	2.558
1152	7/15/2008 14:01	16.44	50.77	33.35	7.02	7.95	3.9	2.503
1153	7/15/2008 14:16	16.73	50.897	33.45	7.18	7.98	3.7	2.448
1154	7/15/2008 14:31	16.91	51.074	33.58	7.19	7.98	4.3	2.409
1155	7/15/2008 14:46	17.07	50.834	33.41	7.12	7.98	2.1	2.365
1156	7/15/2008 15:01	17.19	50.898	33.46	7.07	8	1.6	2.315
1157	7/15/2008 15:16	17.34	50.833	33.41	7.05	7.99	1	2.282
1158	7/15/2008 15:31	17.4	51.098	33.61	6.62	7.97	0.5	2.262
1159	7/15/2008 15:46	17.48	50.856	33.43	6.41	7.96	1.2	2.227
1160	7/15/2008 16:01	17.59	50.76	33.36	6.79	7.97	2.4	2.207
1161	7/15/2008 16:16	17.68	51.017	33.55	6.41	7.95	0.1	2.207
1162	7/15/2008 16:31	17.62	51.236	33.71	8.03	8.05	3.8	2.215
1163	7/15/2008 16:46	17.73	50.76	33.36	7.82	8.05	2	2.209
1164	7/15/2008 17:01	17.75	50.88	33.45	7.5	8.02	1.9	2.226
1165	7/15/2008 17:16	17.72	51.286	33.75	7.65	8.03	2.2	2.261
1166	7/15/2008 17:31	17.66	51.086	33.6	7.52	8.02	2.3	2.291
1167	7/15/2008 17:46	17.52	50.939	33.49	7.49	8.01	2.3	2.331
1168	7/15/2008 18:01	17.35	51.108	33.61	7.43	8	2.3	2.371
1169	7/15/2008 18:16	17.25	51.029	33.56	7.39	7.99	2.3	2.424
1170	7/15/2008 18:31	17.09	50.976	33.51	7.33	7.98	3.1	2.473
1171	7/15/2008 18:46	16.55	51.153	33.64	7.1	8.13	2	2.525
1172	7/15/2008 19:01	16.14	50.93	33.47	6.98	7.92	2.1	2.595
1173	7/15/2008 19:16	15.71	50.311	33.01	6.96	7.91	2	2.647
1174	7/15/2008 19:31	15.22	50.876	33.41	6.95	7.88	1.9	2.705
1175	7/15/2008 19:46	14.99	50.659	33.24	6.98	8.06	1.8	2.775
1176	7/15/2008 20:01	14.63	50.741	33.3	7.06	7.87	2.1	2.838
1177	7/15/2008 20:16	14.51	51.147	33.59	7.03	7.73	2.3	2.9
1178	7/15/2008 20:31	14.28	50.449	33.07	7	7.87	2	2.968
1179	7/15/2008 20:46	13.79	50.875	33.37	6.92	7.83	1.7	3.031
1180	7/15/2008 21:01	13.55	50.755	33.27	6.95	7.85	1.8	3.092
1181	7/15/2008 21:16	13.49	51.168	33.57	7.07	8.02	1.8	3.153
1182	7/15/2008 21:31	13.24	50.892	33.36	7.36	7.84	1.3	3.2
1183	7/15/2008 21:46	13.12	51.016	33.45	7.38	7.84	1.2	3.257
1184	7/15/2008 22:01	13.01	50.857	33.32	7.43	7.84	0.7	3.295
1185	7/15/2008 22:16	12.96	51.124	33.52	7.36	7.87	1	3.314
1186	7/15/2008 22:31	12.89	50.709	33.21	7.06	7.85	0.9	3.342
1187	7/15/2008 22:46	12.85	50.692	33.2	7.2	7.85	1.8	3.347

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1188	7/15/2008 23:01	12.94	50.939	33.38	6.82	7.83	0.5	3.333
1189	7/15/2008 23:16	12.86	50.817	33.29	7.53	7.87	1.5	3.307
1190	7/15/2008 23:31	12.93	50.803	33.28	7.58	7.88	2.1	3.261
1191	7/15/2008 23:46	13.22	50.868	33.34	7.4	7.88	2.9	3.205
1192	7/16/2008 0:01	14.16	50.784	33.31	7.33	7.93	5.8	3.132
1193	7/16/2008 0:16	14.45	50.623	33.2	7.17	7.93	4.2	3.04
1194	7/16/2008 0:31	14.67	50.846	33.37	6.94	7.91	5.4	2.95
1195	7/16/2008 0:46	15.03	50.832	33.37	6.81	7.9	4.6	2.856
1196	7/16/2008 1:01	15.24	51.004	33.5	6.82	8.1	3.6	2.758
1197	7/16/2008 1:16	15.45	50.667	33.26	6.68	7.92	2.6	2.657
1198	7/16/2008 1:31	15.58	50.741	33.32	6.7	7.92	3.4	2.545
1199	7/16/2008 1:46	15.35	51.005	33.51	6.59	7.9	2.6	2.438
1200	7/16/2008 2:01	15.25	50.82	33.37	6.59	7.9	3.8	2.331
1201	7/16/2008 2:16	15.8	50.791	33.36	6.73	7.94	3.8	2.208
1202	7/16/2008 2:31	15.66	50.634	33.24	6.67	7.88	7.7	2.091
1203	7/16/2008 2:46	15.85	50.825	33.39	6.66	7.94	3.4	1.974
1204	7/16/2008 3:01	15.61	50.841	33.39	6.53	7.91	3	1.856
1205	7/16/2008 3:16	15.83	50.913	33.45	6.44	7.91	4	1.727
1206	7/16/2008 3:31	16.01	50.868	33.42	6.37	7.92	3.6	1.592
1207	7/16/2008 3:46	16.31	51.196	33.67	6.25	7.94	3.2	1.478
1208	7/16/2008 4:01	16.7	50.768	33.36	6.52	7.96	2.6	1.36
1209	7/16/2008 4:16	16.87	51.201	33.68	6.57	8.15	4.3	1.238
1210	7/16/2008 4:31	17.01	50.93	33.48	6.41	7.98	2.1	1.153
1211	7/16/2008 4:46	17.31	50.818	33.4	6.53	8	2.3	1.056
1212	7/16/2008 5:01	17.31	51.334	33.78	6.17	8.14	1.5	1.009
1213	7/16/2008 5:16	17.54	51.316	33.77	5.86	7.98	0.5	0.948
1214	7/16/2008 5:31	17.69	51.292	33.75	5.53	7.97	0.6	0.931
1215	7/16/2008 5:46	17.23	51.436	33.85	5.86	7.98	1.5	0.938
1216	7/16/2008 6:01	17.91	51.144	33.65	6.83	8.06	2.4	0.953
1217	7/16/2008 6:16	17.75	51.478	33.89	6.78	8.04	2.4	1.009
1218	7/16/2008 6:31	17.67	51.48	33.89	6.75	8.06	2	1.039
1219	7/16/2008 6:46	17.67	51.294	33.75	6.89	8.06	6.2	1.116
1220	7/16/2008 7:01	17.84	51.353	33.8	7.08	8.08	7.8	1.183
1221	7/16/2008 7:16	17.78	51.43	33.86	7.05	8.08	5.7	1.243
1222	7/16/2008 7:31	17.76	51.327	33.78	6.98	8.08	5.9	1.304
1223	7/16/2008 7:46	17.77	51.267	33.74	6.87	8.07	5.7	1.375
1224	7/16/2008 8:01	17.78	51.278	33.74	6.89	8.07	6.3	1.45
1225	7/16/2008 8:16	17.74	51.193	33.68	6.92	8.07	5.9	1.522
1226	7/16/2008 8:31	17.6	51.291	33.75	7	8.07	5.2	1.611
1227	7/16/2008 8:46	17.47	51.222	33.7	7.01	8.03	4.7	1.689
1228	7/16/2008 9:01	17.41	51.274	33.74	6.97	8.05	5.3	1.778
1229	7/16/2008 9:16	17.37	51.2	33.68	7	8.05	5.1	1.873
1230	7/16/2008 9:31	17.35	51.209	33.69	6.97	8.05	4.6	1.94
1231	7/16/2008 9:46	17.2	51.3	33.75	6.97	8.04	5.6	2.03

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1232	7/16/2008 10:01	16.87	51.303	33.75	6.86	8.01	4.7	2.115
1233	7/16/2008 10:16	16.74	51.156	33.64	6.8	7.99	4.7	2.187
1234	7/16/2008 10:31	16.65	51.291	33.74	6.8	7.99	5.1	2.263
1235	7/16/2008 10:46	16.48	51.172	33.65	6.78	7.98	4	2.331
1236	7/16/2008 11:01	16.44	51.239	33.7	6.8	7.98	5.4	2.399
1237	7/16/2008 11:16	16.18	51.231	33.69	6.7	8.11	4.5	2.465
1238	7/16/2008 11:31	15.89	51.205	33.66	6.63	8.09	3.8	2.524
1239	7/16/2008 11:46	15.68	51.17	33.64	6.63	8.08	3.4	2.574
1240	7/16/2008 12:01	15.44	50.956	33.47	6.66	7.89	3.7	2.627
1241	7/16/2008 12:16	15.06	51.114	33.58	6.57	8.06	2	2.665
1242	7/16/2008 12:31	14.83	50.917	33.43	6.54	7.86	1.1	2.702
1243	7/16/2008 12:46	14.57	50.941	33.44	6.33	7.84	1.6	2.731
1244	7/16/2008 13:01	14.44	50.907	33.41	5.52	7.8	0	2.737
1245	7/16/2008 13:16	14.79	50.676	33.25	5.82	7.82	43.2	2.741
1246	7/16/2008 13:31	14.83	50.68	33.26	4.53	7.76	2.7	2.727
1247	7/16/2008 13:46	14.7	50.982	33.47	5.3	7.82	1	2.699
1248	7/16/2008 14:01	15.13	50.907	33.43	6.1	8.03	1.4	2.651
1249	7/16/2008 14:16	15.66	50.878	33.42	6.34	8.07	1.7	2.603
1250	7/16/2008 14:31	15.85	51.064	33.56	6.68	8.11	1.7	2.545
1251	7/16/2008 14:46	16.1	51.182	33.65	6.96	8.13	1.2	2.485
1252	7/16/2008 15:01	16.32	51.05	33.56	6.96	8	1.2	2.432
1253	7/16/2008 15:16	16.5	51.097	33.6	6.92	8	0.9	2.366
1254	7/16/2008 15:31	16.62	51.163	33.65	6.88	8.01	0.6	2.319
1255	7/16/2008 15:46	16.74	51.276	33.73	6.38	7.99	1.1	2.279
1256	7/16/2008 16:01	16.83	51.106	33.61	5.82	7.96	0.1	2.228
1257	7/16/2008 16:16	16.96	51.23	33.7	5.53	7.94	1.2	2.192
1258	7/16/2008 16:31	17.1	51.254	33.72	5.65	7.91	0	2.168
1259	7/16/2008 16:46	17.18	51.301	33.75	4.42	7.87	0	2.155
1260	7/16/2008 17:01	17.2	51.35	33.79	2.84	7.75	0	2.138
1261	7/16/2008 17:16	17.3	51.294	33.75	6.88	8.01	0.5	2.119
1262	7/16/2008 17:31	17.33	51.212	33.69	8.1	8.09	2.7	2.14
1263	7/16/2008 17:46	17.25	51.248	33.72	8.13	8.1	2.8	2.166
1264	7/16/2008 18:01	17.3	51.253	33.72	8	8.09	2.6	2.175
1265	7/16/2008 18:16	17.34	51.343	33.79	7.89	8.08	2.7	2.212
1266	7/16/2008 18:31	17.29	51.243	33.71	7.92	8.08	3.1	2.26
1267	7/16/2008 18:46	17.11	51.142	33.64	7.79	8.06	2.7	2.312
1268	7/16/2008 19:01	17.01	51.267	33.73	7.67	8.05	2.6	2.363
1269	7/16/2008 19:16	16.99	51.137	33.63	7.67	8.05	3.1	2.416
1270	7/16/2008 19:31	16.68	51.081	33.59	7.66	8.03	3.1	2.489
1271	7/16/2008 19:46	16.28	51.064	33.57	7.36	8.15	3.3	2.547
1272	7/16/2008 20:01	15.73	51.114	33.59	7.18	8.11	3.7	2.607
1273	7/16/2008 20:16	15.5	51.111	33.59	7.14	8.1	3.4	2.677
1274	7/16/2008 20:31	14.72	51.003	33.49	7.18	8.07	4.3	2.75
1275	7/16/2008 20:46	14.52	50.748	33.3	7.2	7.9	3.9	2.82

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1276	7/16/2008 21:01	14.44	50.422	33.06	7.17	7.9	3.1	2.886
1277	7/16/2008 21:16	14.32	50.893	33.4	7.19	7.89	3.1	2.967
1278	7/16/2008 21:31	13.9	50.699	33.24	7.34	7.89	3.2	3.036
1279	7/16/2008 21:46	13.71	50.922	33.4	7.47	7.9	3.2	3.096
1280	7/16/2008 22:01	13.56	50.77	33.28	7.62	7.9	3.2	3.169
1281	7/16/2008 22:16	13.41	50.775	33.28	7.79	7.91	2.7	3.227
1282	7/16/2008 22:31	13.22	50.764	33.27	7.91	7.9	4.5	3.272
1283	7/16/2008 22:46	13.09	50.579	33.13	7.85	7.9	1.2	3.303
1284	7/16/2008 23:01	13.07	50.683	33.2	7.89	7.91	2.3	3.346
1285	7/16/2008 23:16	12.99	50.807	33.29	7.66	7.9	0.7	3.354
1286	7/16/2008 23:31	13.16	50.5	33.07	5.88	7.77	0.5	3.341
1287	7/16/2008 23:46	13.21	50.728	33.24	7.01	7.84	0.3	3.327
1288	7/17/2008 0:01	13.06	50.839	33.31	6.97	7.85	0.9	3.285
1289	7/17/2008 0:16	13.14	50.85	33.33	6.76	7.81	0.1	3.233
1290	7/17/2008 0:31	13.88	50.508	33.1	6.29	7.85	0.9	3.145
1291	7/17/2008 0:46	14.35	51.035	33.5	6.55	8.06	1.3	3.072
1292	7/17/2008 1:01	14.53	50.746	33.3	6.65	7.88	1.7	2.982
1293	7/17/2008 1:16	14.69	50.759	33.31	6.45	7.9	1.1	2.876
1294	7/17/2008 1:31	15	50.953	33.46	6.51	8.09	1.4	2.783
1295	7/17/2008 1:46	15.25	50.569	33.18	6.48	7.94	1.8	2.668
1296	7/17/2008 2:01	15.5	50.612	33.22	6.52	7.94	1.3	2.565
1297	7/17/2008 2:16	15.59	51.093	33.58	5.95	7.86	1.5	2.457
1298	7/17/2008 2:31	15.49	50.714	33.3	5.99	7.88	4.2	2.331
1299	7/17/2008 2:46	15.34	50.999	33.5	5.86	7.86	1.9	2.225
1300	7/17/2008 3:01	15.48	51.091	33.57	5.83	8.03	5.2	2.089
1301	7/17/2008 3:16	15.51	50.85	33.4	6.25	7.91	8.2	1.974
1302	7/17/2008 3:31	15.7	50.766	33.34	6.61	7.94	5.7	1.856
1303	7/17/2008 3:46	15.64	50.849	33.4	6.31	7.91	7.2	1.712
1304	7/17/2008 4:01	15.93	51.107	33.59	5.93	8.07	5.2	1.585
1305	7/17/2008 4:16	16.13	50.796	33.37	6.08	7.9	3.6	1.448
1306	7/17/2008 4:31	16.34	50.731	33.33	6.07	7.92	3.5	1.332
1307	7/17/2008 4:46	16.53	50.895	33.45	5.56	7.88	0.9	1.203
1308	7/17/2008 5:01	16.72	50.878	33.44	5.67	7.9	0.7	1.089
1309	7/17/2008 5:16	16.89	51.311	33.76	5.79	7.92	0.6	1.015
1310	7/17/2008 5:31	17.04	51.076	33.59	5.97	7.93	0.2	0.943
1311	7/17/2008 5:46	17.13	50.853	33.43	5.47	7.91	0.2	0.879
1312	7/17/2008 6:01	17.19	51.425	33.85	4.95	7.87	0.2	0.841
1313	7/17/2008 6:16	17.17	50.976	33.52	3.64	7.79	0	0.855
1314	7/17/2008 6:31	17.13	51.006	33.54	6.53	8.01	17.5	0.872
1315	7/17/2008 6:46	17.25	51.206	33.69	6.53	8.01	2.4	0.9
1316	7/17/2008 7:01	17.38	51.487	33.89	6.74	8.04	2	0.963
1317	7/17/2008 7:16	17.51	51.203	33.69	7.01	8.05	2.4	1.032
1318	7/17/2008 7:31	17.49	51.298	33.76	7.18	8.06	2	1.096
1319	7/17/2008 7:46	17.42	51.403	33.83	7.15	8.06	2.2	1.155

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1320	7/17/2008 8:01	17.52	51.141	33.64	7.03	8.23	2.9	1.226
1321	7/17/2008 8:16	17.54	51.358	33.8	7.05	8.08	5.6	1.302
1322	7/17/2008 8:31	17.54	51.219	33.7	6.98	8.08	2.7	1.368
1323	7/17/2008 8:46	17.49	51.309	33.76	7.07	8.09	2.6	1.449
1324	7/17/2008 9:01	17.38	51.284	33.74	7.1	8.08	2.2	1.53
1325	7/17/2008 9:16	17.29	51.439	33.86	7.2	8.07	2.7	1.626
1326	7/17/2008 9:31	17.26	51.456	33.87	7.1	8.08	2.5	1.719
1327	7/17/2008 9:46	17.19	51.34	33.78	7.08	8.07	2.3	1.804
1328	7/17/2008 10:01	17.05	51.283	33.74	7.05	8.21	2.9	1.894
1329	7/17/2008 10:16	16.94	51.291	33.74	6.91	8.04	3.2	1.978
1330	7/17/2008 10:31	16.73	51.327	33.77	6.88	8.02	2.7	2.076
1331	7/17/2008 10:46	16.55	51.261	33.72	6.8	8	2.9	2.154
1332	7/17/2008 11:01	16.45	51.174	33.65	6.74	8.14	2.6	2.23
1333	7/17/2008 11:16	16.25	51.156	33.64	6.52	8.12	2.6	2.312
1334	7/17/2008 11:31	16.16	51.061	33.56	6.56	8.12	2.4	2.376
1335	7/17/2008 11:46	16.02	51.239	33.69	6.59	8.11	2.6	2.449
1336	7/17/2008 12:01	15.65	50.808	33.37	6.51	8.09	2	2.506
1337	7/17/2008 12:16	15.39	50.959	33.47	6.6	8.08	2.4	2.563
1338	7/17/2008 12:31	15.04	51.022	33.51	6.71	8.07	1.7	2.626
1339	7/17/2008 12:46	14.67	50.894	33.41	6.73	8.06	1.8	2.662
1340	7/17/2008 13:01	14.54	51.025	33.5	6.68	8.06	1.3	2.71
1341	7/17/2008 13:16	14.44	51.135	33.58	6.41	8.04	1	2.735
1342	7/17/2008 13:31	14.39	51.127	33.57	5.59	7.99	0.2	2.756
1343	7/17/2008 13:46	14.44	50.855	33.37	4.9	7.77	1	2.754
1344	7/17/2008 14:01	14.42	51.136	33.58	6.11	7.85	2.1	2.741
1345	7/17/2008 14:16	14.4	50.83	33.35	6.74	8.06	1.6	2.713
1346	7/17/2008 14:31	14.5	51.085	33.54	6.77	8.07	2.1	2.653
1347	7/17/2008 14:46	14.93	51.116	33.58	6.91	8.1	2.4	2.603
1348	7/17/2008 15:01	15.31	51.162	33.62	6.95	8.12	2.7	2.551
1349	7/17/2008 15:16	15.63	50.996	33.51	7.07	8.14	2.8	2.48
1350	7/17/2008 15:31	15.93	51.133	33.61	7.09	8.16	1.8	2.412
1351	7/17/2008 15:46	16.17	51.092	33.59	7.2	8.17	1	2.342
1352	7/17/2008 16:01	16.39	50.427	33.1	7.56	8.01	2	2.3
1353	7/17/2008 16:16	16.54	51.368	33.8	7.43	8.19	3	2.235
1354	7/17/2008 16:31	16.69	51.153	33.64	7.26	8.04	1.8	2.174
1355	7/17/2008 16:46	16.76	51.194	33.67	6.99	8.19	1.3	2.147
1356	7/17/2008 17:01	16.78	51.248	33.71	6.13	7.97	1	2.104
1357	7/17/2008 17:16	16.84	51.299	33.75	6.05	7.98	0.5	2.083
1358	7/17/2008 17:31	16.85	51.345	33.78	4.7	7.91	0.1	2.066
1359	7/17/2008 17:46	16.88	51.152	33.64	7.65	8.08	2.6	2.044
1360	7/17/2008 18:01	16.83	51.472	33.88	8.08	8.08	2	2.047
1361	7/17/2008 18:16	16.92	50.862	33.43	8.2	8.09	4.7	2.068
1362	7/17/2008 18:31	16.92	51.298	33.75	8.12	8.25	2.8	2.079
1363	7/17/2008 18:46	16.92	51.287	33.74	7.99	8.1	3.1	2.109

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1364	7/17/2008 19:01	16.94	51.212	33.69	7.76	8.09	3.2	2.151
1365	7/17/2008 19:16	16.84	51.193	33.67	7.64	8.07	2.9	2.198
1366	7/17/2008 19:31	16.79	51.161	33.65	7.46	8.06	2.8	2.251
1367	7/17/2008 19:46	16.7	51.217	33.69	7.36	8.05	2.7	2.31
1368	7/17/2008 20:01	16.54	51.302	33.75	7.35	8.04	2.6	2.379
1369	7/17/2008 20:16	16.2	51.205	33.67	7.29	8.02	2.8	2.438
1370	7/17/2008 20:31	16	51.064	33.56	7.16	8.15	2.9	2.505
1371	7/17/2008 20:46	15.5	51.208	33.66	7.05	8.12	2.8	2.581
1372	7/17/2008 21:01	14.91	51.159	33.61	6.95	7.94	3.5	2.649
1373	7/17/2008 21:16	14.59	50.622	33.21	7.01	7.9	3	2.721
1374	7/17/2008 21:31	14.35	50.953	33.44	6.97	8.07	3.3	2.797
1375	7/17/2008 21:46	14.1	51.077	33.53	7.04	7.91	3.3	2.879
1376	7/17/2008 22:01	13.8	51.079	33.52	7.05	7.91	3.2	2.947
1377	7/17/2008 22:16	13.53	51.213	33.61	7.13	7.9	2.9	3.015
1378	7/17/2008 22:31	13.32	50.826	33.31	7.17	8.06	2.4	3.095
1379	7/17/2008 22:46	13.17	50.987	33.43	7.06	7.87	2.4	3.154
1380	7/17/2008 23:01	12.76	51.231	33.59	7.25	8.05	1.8	3.203
1381	7/17/2008 23:16	12.66	51.121	33.5	7.39	7.89	1.7	3.25
1382	7/17/2008 23:31	12.54	51.174	33.54	7.43	7.89	1.9	3.296
1383	7/17/2008 23:46	12.47	51.313	33.64	7.31	8.04	1	3.315
1384	7/18/2008 0:01	12.94	51.126	33.52	7.24	8.07	1.9	3.317
1385	7/18/2008 0:16	12.71	51.077	33.47	7.54	7.88	3.9	3.311
1386	7/18/2008 0:31	12.6	51.031	33.44	7.28	7.84	2.4	3.294
1387	7/18/2008 0:46	12.61	51.146	33.52	7.12	7.88	4.2	3.239
1388	7/18/2008 1:01	12.91	51.224	33.59	7.07	8.04	4	3.161
1389	7/18/2008 1:16	13.86	51.236	33.63	6.66	7.9	4.2	3.087
1390	7/18/2008 1:31	13.98	51.097	33.54	6.54	8.04	3.2	3.006
1391	7/18/2008 1:46	14.13	50.578	33.16	6.51	7.86	4.8	2.91
1392	7/18/2008 2:01	14.45	51.064	33.53	6.75	7.92	4.9	2.796
1393	7/18/2008 2:16	14.69	51.145	33.59	6.52	7.83	3.6	2.683
1394	7/18/2008 2:31	14.96	51.01	33.5	5.38	7.85	2	2.583
1395	7/18/2008 2:46	15.26	51.387	33.79	5.95	7.82	2.1	2.48
1396	7/18/2008 3:01	15.29	51.094	33.57	6.33	7.94	2.7	2.341
1397	7/18/2008 3:16	14.89	51.249	33.67	6.81	8.08	3.2	2.226
1398	7/18/2008 3:31	14.49	51.282	33.69	7.03	7.96	3.6	2.114
1399	7/18/2008 3:46	15.36	51.398	33.8	6.98	7.99	6.5	1.983
1400	7/18/2008 4:01	15.33	51.556	33.91	6.92	7.95	4.2	1.846
1401	7/18/2008 4:16	15.33	51.316	33.73	6.98	7.82	5.1	1.71
1402	7/18/2008 4:31	15.71	51.246	33.69	6.95	8.16	5.1	1.591
1403	7/18/2008 4:46	15.64	51.386	33.79	6.86	7.98	4.7	1.446
1404	7/18/2008 5:01	15.82	51.368	33.78	6.85	8.15	4.7	1.303
1405	7/18/2008 5:16	16.06	51.385	33.8	6.91	8.01	5.2	1.179
1406	7/18/2008 5:31	16.16	51.356	33.78	6.81	8.16	4.8	1.062
1407	7/18/2008 5:46	16.36	51.551	33.93	6.86	8.18	4.3	0.958

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #5

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1408	7/18/2008 6:01	16.47	51.355	33.79	6.89	8.19	4.3	0.862
1409	7/18/2008 6:16	16.53	51.241	33.7	6.9	8.19	4.2	0.798
1410	7/18/2008 6:31	16.58	51.394	33.82	6.89	8.2	6.5	0.757
1411	7/18/2008 6:46	16.62	51.442	33.85	6.4	8.16	3.5	0.721
1412	7/18/2008 7:01	16.51	51.068	33.58	6.85	8.02	5.2	0.754
1413	7/18/2008 7:16	16.52	51.348	33.78	6.91	8.02	4	0.778
1414	7/18/2008 7:31	16.65	51.168	33.65	7.07	8.04	4	0.837
1415	7/18/2008 7:46	16.75	51.537	33.92	7.19	8.08	4	0.915
1416	7/18/2008 8:01	16.82	51.415	33.83	7.3	8.09	3.7	0.975
1417	7/18/2008 8:16	16.72	51.514	33.91	7.21	8.08	4.3	1.051
1418	7/18/2008 8:31	16.74	51.057	33.57	7.2	8.06	4.5	1.123
1419	7/18/2008 8:46	16.76	51.208	33.68	7.15	8.06	6.6	1.192
1420	7/18/2008 9:01	16.76	51.232	33.7	7.09	8.08	5.1	1.264
1421	7/18/2008 9:16	16.74	51.228	33.7	7.18	8.09	4.6	1.354
1422	7/18/2008 9:31	16.63	51.27	33.73	7.21	8.08	5.1	1.442
1423	7/18/2008 9:46	16.56	50.864	33.43	7.23	8.05	4.5	1.527
1424	7/18/2008 10:01	16.53	51.341	33.78	7.23	8.22	10.7	1.629
1425	7/18/2008 10:16	16.45	50.864	33.42	7.21	8.04	5	1.72
1426	7/18/2008 10:31	16.36	51.08	33.58	7.15	8.03	7.1	1.82
1427	7/18/2008 10:46	16.28	51.098	33.59	7.08	8.01	6.7	1.915
1428	7/18/2008 11:01	16.2	51.226	33.69	6.98	8.02	6.5	2.006
1429	7/18/2008 11:16	16.09	50.858	33.41	6.79	7.97	8.3	2.101
1430	7/18/2008 11:31	15.94	51.181	33.65	6.73	7.96	6.4	2.186
1431	7/18/2008 11:46	15.8	51.223	33.68	6.77	7.96	7.1	2.27
1432	7/18/2008 12:01	15.72	50.964	33.48	6.79	7.95	7.3	2.345
1433	7/18/2008 12:16	15.48	50.686	33.28	6.82	7.96	7.8	2.412
1434	7/18/2008 12:31	15.18	50.945	33.46	6.86	7.93	7.2	2.487
1435	7/18/2008 12:46	14.86	51.327	33.73	6.9	8.1	6.3	2.544
1436	7/18/2008 13:01	14.51	50.911	33.42	6.96	7.9	5.9	2.602
1437	7/18/2008 13:16	14.19	50.948	33.43	7.04	7.91	6.3	2.652
1438	7/18/2008 13:31	14.05	50.711	33.26	7.08	7.91	5.5	2.695
1439	7/18/2008 13:46	13.95	50.807	33.32	7.02	7.9	4.3	2.726
Mean		16.33	50.84	33.39	7.46	7.96	3.92	2.22
Minimum		11.00	49.44	32.38	2.84	7.64	0.00	0.33
Maximum		19.52	51.76	34.10	10.17	8.27	65.90	3.70
Standard Dev.		1.90	0.37	0.28	0.79	0.09	3.98	0.66

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					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	7/18/2008 14:16	14.39	50.938	33.43	7.6	8.04		2.729
1	7/18/2008 14:31	14.11	51.165	33.59	7.58	7.89	4.1	2.711
2	7/18/2008 14:46	14.04	51.011	33.48	7.59	8.02	6.8	2.676
3	7/18/2008 15:01	14.15	50.923	33.41	7.59	8.02	8.2	2.631
4	7/18/2008 15:16	14.52	51.157	33.6	7.7	8.01	6.3	2.577
5	7/18/2008 15:31	14.88	51.28	33.7	7.92	7.98	7.9	2.504
6	7/18/2008 15:46	15.22	51.047	33.53	8.18	8.07	6	2.432
7	7/18/2008 16:01	15.55	51.162	33.63	8.27	8.08	6	2.365
8	7/18/2008 16:16	15.81	51.203	33.66	8.33	8.09	5.1	2.294
9	7/18/2008 16:31	16.09	51.311	33.75	8.51	8.12	5.3	2.223
10	7/18/2008 16:46	16.3	51.292	33.74	8.45	8.12	4.9	2.162
11	7/18/2008 17:01	16.57	51.202	33.67	8.66	8.14	4.8	2.104
12	7/18/2008 17:16	16.7	51.193	33.67	8.62	8.09	4.3	2.061
13	7/18/2008 17:31	16.76	51.069	33.58	8.49	8.08	3.8	2.004
14	7/18/2008 17:46	16.82	51.106	33.61	8.59	8.08	4.4	1.968
15	7/18/2008 18:01	16.86	50.783	33.37	8.63	8.08	3.1	1.951
16	7/18/2008 18:16	16.89	51.085	33.59	8.49	8.07	2.5	1.926
17	7/18/2008 18:31	16.85	51.281	33.74	8.95	8.16	4.6	1.913
18	7/18/2008 18:46	16.84	50.825	33.4	9.04	8.1	4.4	1.915
19	7/18/2008 19:01	16.89	51.255	33.72	8.93	8.15	4.1	1.941
20	7/18/2008 19:16	16.87	51.32	33.77	8.93	8.15	4.3	1.966
21	7/18/2008 19:31	16.92	51.264	33.72	8.96	8.09	4.5	1.997
22	7/18/2008 19:46	16.89	51.229	33.7	8.92	8.15	5.1	2.044
23	7/18/2008 20:01	16.79	51.06	33.57	8.75	8.13	6	2.106
24	7/18/2008 20:16	16.88	51.284	33.74	8.7	8.13	5.9	2.165
25	7/18/2008 20:31	16.66	51.154	33.64	8.52	8.11	5.9	2.224
26	7/18/2008 20:46	16.38	51.172	33.65	8.56	8.1	5.2	2.287
27	7/18/2008 21:01	16.18	51.109	33.6	8.48	8.04	5.2	2.365
28	7/18/2008 21:16	15.78	51.245	33.69	8.16	8.05	5.3	2.428
29	7/18/2008 21:31	15.04	51.243	33.67	7.85	8.02	5.2	2.49
30	7/18/2008 21:46	14.83	50.988	33.48	7.76	8	5.1	2.572
31	7/18/2008 22:01	14.68	51.006	33.49	7.65	8	5.4	2.644
32	7/18/2008 22:16	14.28	51.01	33.48	7.64	7.99	7.1	2.726
33	7/18/2008 22:31	13.91	51.027	33.48	7.64	7.98	6	2.795
34	7/18/2008 22:46	13.54	51.114	33.53	7.66	7.92	4.9	2.872
35	7/18/2008 23:01	13.21	51.11	33.52	7.75	7.91	5.7	2.953
36	7/18/2008 23:16	12.88	51.142	33.53	7.87	7.91	5.6	3.015
37	7/18/2008 23:31	12.71	51.255	33.6	7.93	7.91	5.7	3.084
38	7/18/2008 23:46	12.49	51.008	33.41	8	7.91	5.4	3.139
39	7/19/2008 0:01	12.38	50.925	33.35	8	7.96	4.2	3.192
40	7/19/2008 0:16	12.26	51.135	33.5	8.04	7.9	2.9	3.22
41	7/19/2008 0:31	12.23	51.103	33.47	8.15	7.92	2.6	3.241
42	7/19/2008 0:46	12.63	51.206	33.56	7.73	7.9	2.3	3.25
43	7/19/2008 1:01	12.5	51.111	33.49	7.91	7.91	3.6	3.225
44	7/19/2008 1:16	12.4	50.931	33.35	8	7.91	3.4	3.194

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	7/19/2008 1:31	12.4	51.281	33.61	8.02	7.91	3.6	3.146
46	7/19/2008 1:46	13.28	51.34	33.69	7.78	8	5.5	3.065
47	7/19/2008 2:01	13.5	51.42	33.76	7.72	7.99	4.9	2.99
48	7/19/2008 2:16	14.1	51.058	33.51	7.69	7.99	4.9	2.895
49	7/19/2008 2:31	14.37	51.117	33.56	7.67	7.99	5.3	2.788
50	7/19/2008 2:46	14.42	51.278	33.68	7.78	8.03	4.8	2.689
51	7/19/2008 3:01	14.86	51.033	33.52	7.78	8.02	5.2	2.579
52	7/19/2008 3:16	15.26	51.102	33.58	7.81	8.04	4	2.474
53	7/19/2008 3:31	15.45	51.222	33.67	7.86	8.05	4.8	2.359
54	7/19/2008 3:46	15.63	51.261	33.7	7.75	8.05	4.5	2.239
55	7/19/2008 4:01	15.71	51.235	33.68	7.8	8.07	5.8	2.121
56	7/19/2008 4:16	14.47	51.194	33.62	7.49	7.94	4.8	1.992
57	7/19/2008 4:31	14.92	51.284	33.7	7.51	7.99	4.9	1.865
58	7/19/2008 4:46	15.42	51.257	33.69	7.73	8.04	6	1.729
59	7/19/2008 5:01	15.38	51.238	33.68	7.68	8.02	5.7	1.587
60	7/19/2008 5:16	15.54	51.478	33.86	7.58	8.04	7.8	1.457
61	7/19/2008 5:31	15.55	51.171	33.63	7.52	8.01	5.7	1.321
62	7/19/2008 5:46	15.73	51.389	33.8	7.47	8.02	6	1.183
63	7/19/2008 6:01	15.98	51.153	33.63	7.5	8.04	5.9	1.063
64	7/19/2008 6:16	16.11	51.32	33.75	7.61	8.06	5.6	0.946
65	7/19/2008 6:31	16.25	51.332	33.76	7.65	8.07	5.3	0.838
66	7/19/2008 6:46	16.39	51.272	33.72	7.69	8.08	34	0.765
67	7/19/2008 7:01	16.43	51.166	33.65	7.61	8.08	14	0.714
68	7/19/2008 7:16	16.53	51.37	33.8	7.66	8.09	6.7	0.685
69	7/19/2008 7:31	16.19	51.153	33.63	7.15	8.03	7	0.699
70	7/19/2008 7:46	16.51	51.254	33.71	7.67	8.1	11.6	0.73
71	7/19/2008 8:01	16.63	51.137	33.63	7.83	8.12	6.8	0.786
72	7/19/2008 8:16	16.74	51.523	33.91	8.01	8.14	5.7	0.831
73	7/19/2008 8:31	16.82	51.325	33.77	8.17	8.15	6.1	0.907
74	7/19/2008 8:46	16.8	51.41	33.83	8.22	8.15	7.2	0.99
75	7/19/2008 9:01	16.81	51.392	33.82	8.02	8.14	7.8	1.05
76	7/19/2008 9:16	16.87	50.951	33.49	7.89	8.14	8.2	1.123
77	7/19/2008 9:31	16.81	51.346	33.78	7.92	8.14	7.8	1.214
78	7/19/2008 9:46	16.79	51.13	33.62	8.01	8.14	7.6	1.302
79	7/19/2008 10:01	16.58	51.46	33.86	7.98	8.12	7.3	1.377
80	7/19/2008 10:16	16.5	51.112	33.61	7.94	8.12	7.1	1.476
81	7/19/2008 10:31	16.5	51.365	33.79	7.9	8.12	8.4	1.574
82	7/19/2008 10:46	16.38	51.124	33.61	7.91	8.11	8.2	1.668
83	7/19/2008 11:01	16.26	51.448	33.85	7.82	8.09	8.1	1.774
84	7/19/2008 11:16	16.18	51.28	33.73	7.68	8.08	9	1.868
85	7/19/2008 11:31	16.15	51.348	33.77	7.56	8.06	8	1.958
86	7/19/2008 11:46	16.03	51.475	33.87	7.44	8.05	8.7	2.052
87	7/19/2008 12:01	15.86	51.199	33.66	7.44	8.03	8.2	2.139
88	7/19/2008 12:16	15.7	51.291	33.72	7.41	8.02	7.6	2.222
89	7/19/2008 12:31	15.57	51.138	33.61	7.4	8.02	8.5	2.293

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	7/19/2008 12:46	15.21	51.289	33.71	7.39	7.99	8.9	2.365
91	7/19/2008 13:01	14.9	51.267	33.69	7.41	7.98	9.6	2.438
92	7/19/2008 13:16	14.56	51.045	33.52	7.44	7.96	8.1	2.507
93	7/19/2008 13:31	14.19	51.077	33.53	7.56	7.99	7.8	2.569
94	7/19/2008 13:46	13.84	51.172	33.59	7.63	7.94	7.4	2.624
95	7/19/2008 14:01	13.65	51.244	33.63	7.7	7.94	6.4	2.669
96	7/19/2008 14:16	13.54	51.323	33.69	7.71	7.94	5	2.708
97	7/19/2008 14:31	13.5	51.041	33.48	7.62	7.94	5.1	2.729
98	7/19/2008 14:46	13.89	51.122	33.55	7.65	7.95	4.9	2.737
99	7/19/2008 15:01	13.69	51.327	33.69	7.51	7.93	4.9	2.726
100	7/19/2008 15:16	13.63	51.229	33.62	7.61	7.94	5.6	2.699
101	7/19/2008 15:31	13.71	51.01	33.46	7.6	7.94	6.3	2.644
102	7/19/2008 15:46	13.94	51.171	33.59	7.64	7.95	7.7	2.574
103	7/19/2008 16:01	14.56	51.362	33.75	7.97	8.01	8.5	2.509
104	7/19/2008 16:16	15.11	51.19	33.64	8.32	8.06	7.4	2.434
105	7/19/2008 16:31	15.53	51.275	33.71	8.38	8.08	6.1	2.354
106	7/19/2008 16:46	15.8	51.059	33.56	8.62	8.11	6	2.282
107	7/19/2008 17:01	16.04	51.184	33.65	8.78	8.13	5.4	2.209
108	7/19/2008 17:16	16.19	51.222	33.68	9.1	8.15	5.1	2.143
109	7/19/2008 17:31	16.39	51.277	33.73	9.53	8.18	5.2	2.073
110	7/19/2008 17:46	16.47	51.158	33.64	9.68	8.19	4.8	2.018
111	7/19/2008 18:01	16.51	51.341	33.78	9.71	8.19	4.5	1.972
112	7/19/2008 18:16	16.52	51.412	33.83	9.78	8.19	4.5	1.915
113	7/19/2008 18:31	16.6	51.356	33.79	9.83	8.2	4.3	1.869
114	7/19/2008 18:46	16.62	51.382	33.81	10.21	8.24	3.9	1.842
115	7/19/2008 19:01	16.86	51.335	33.78	9.85	8.23	3.5	1.826
116	7/19/2008 19:16	16.85	51.315	33.76	9.7	8.22	2.7	1.812
117	7/19/2008 19:31	16.53	51.343	33.78	9.67	8.19	4.3	1.821
118	7/19/2008 19:46	16.9	51.008	33.54	9.88	8.22	4.5	1.832
119	7/19/2008 20:01	16.79	51.211	33.68	9.68	8.2	4.7	1.869
120	7/19/2008 20:16	16.91	51.418	33.84	9.41	8.2	5.2	1.912
121	7/19/2008 20:31	16.9	51.471	33.88	9.37	8.19	5.1	1.953
122	7/19/2008 20:46	16.83	51.231	33.7	9.26	8.17	5.2	2.017
123	7/19/2008 21:01	16.77	51.159	33.65	8.99	8.16	5.9	2.089
124	7/19/2008 21:16	16.68	51.275	33.73	8.82	8.14	6.5	2.154
125	7/19/2008 21:31	16.31	51.388	33.81	8.69	8.12	5.9	2.223
126	7/19/2008 21:46	16.12	51.277	33.72	8.63	8.11	5.6	2.299
127	7/19/2008 22:01	15.67	51.12	33.6	8.4	8.06	6.5	2.376
128	7/19/2008 22:16	15.11	51.288	33.71	7.92	8.01	6.3	2.443
129	7/19/2008 22:31	14.8	51.393	33.78	7.75	7.99	6.1	2.513
130	7/19/2008 22:46	14.57	51.377	33.76	7.72	8.01	6.3	2.602
131	7/19/2008 23:01	14.37	51.298	33.7	7.72	7.97	6.3	2.669
132	7/19/2008 23:16	13.97	51.177	33.59	7.73	7.95	13.4	2.743
133	7/19/2008 23:31	13.46	51.346	33.7	7.8	7.93	8.3	2.83
134	7/19/2008 23:46	13.18	50.658	33.19	7.88	7.93	11	2.897

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	7/20/2008 0:01	12.83	51.304	33.64	7.99	7.92	8.8	2.959
136	7/20/2008 0:16	12.55	51.198	33.55	8.05	7.92	7	3.03
137	7/20/2008 0:31	12.41	51.202	33.55	8.1	7.92	6	3.086
138	7/20/2008 0:46	12.2	51.357	33.66	8.26	7.93	5.1	3.124
139	7/20/2008 1:01	12.14	51.412	33.69	8.3	7.93	4.6	3.161
140	7/20/2008 1:16	12.08	51.361	33.65	8.2	8.05	2.8	3.172
141	7/20/2008 1:31	12.57	51.404	33.71	7.97	7.93	4.2	3.179
142	7/20/2008 1:46	12.36	51.349	33.66	8.09	7.99	12.5	3.158
143	7/20/2008 2:01	12.29	50.091	32.74	8.2	7.95	5.1	3.114
144	7/20/2008 2:16	12.59	51.358	33.67	7.92	7.93	6.6	3.056
145	7/20/2008 2:31	13.99	51.381	33.74	7.29	7.97	11.2	2.984
146	7/20/2008 2:46	13.61	51.458	33.79	7.33	7.94	5.1	2.901
147	7/20/2008 3:01	13.88	51.258	33.65	7.31	7.94	5.9	2.81
148	7/20/2008 3:16	14.09	51.27	33.67	7.27	7.95	5.3	2.712
149	7/20/2008 3:31	14.46	51.209	33.63	7.33	7.98	5.5	2.612
150	7/20/2008 3:46	14.84	51.105	33.57	7.25	8	5.2	2.5
151	7/20/2008 4:01	15.22	51.461	33.84	7.45	8.04	5.4	2.387
152	7/20/2008 4:16	15.47	51.413	33.81	7.59	8.06	6	2.272
153	7/20/2008 4:31	15.38	51.376	33.78	7.39	8.05	6.2	2.165
154	7/20/2008 4:46	14.34	51.431	33.79	7.18	7.93	5.4	2.047
155	7/20/2008 5:01	15.09	51.383	33.78	7.32	8.02	5.4	1.917
156	7/20/2008 5:16	15.38	51.233	33.68	7.44	8.05	6.8	1.791
157	7/20/2008 5:31	15.37	51.072	33.56	7.5	8.04	6.8	1.659
158	7/20/2008 5:46	15.48	51.553	33.91	7.41	8.06	6.6	1.518
159	7/20/2008 6:01	15.61	51.155	33.62	7.41	8.05	7	1.393
160	7/20/2008 6:16	15.66	51.154	33.62	7.42	8.06	6.6	1.254
161	7/20/2008 6:31	15.84	51.226	33.68	7.36	8.07	7.6	1.104
162	7/20/2008 6:46	16.17	51.312	33.75	7.61	8.09	13.1	1.007
163	7/20/2008 7:01	16.22	51.072	33.57	7.55	8.09	8.9	0.91
164	7/20/2008 7:16	16.37	51.29	33.74	7.59	8.1	6.4	0.825
165	7/20/2008 7:31	16.38	51.524	33.91	7.48	8.1	5.9	0.767
166	7/20/2008 7:46	16.63	51.5	33.89	7.5	8.14	5.5	0.73
167	7/20/2008 8:01	16.37	51.585	33.95	7.41	8.1	6.5	0.727
168	7/20/2008 8:16	16.53	51.229	33.69	7.57	8.12	6.4	0.747
169	7/20/2008 8:31	16.75	51.465	33.87	7.76	8.15	5.2	0.788
170	7/20/2008 8:46	16.57	51.506	33.9	7.66	8.12	5.6	0.856
171	7/20/2008 9:01	16.78	51.602	33.97	7.78	8.16	5.3	0.925
172	7/20/2008 9:16	16.79	51.256	33.72	7.92	8.16	5.9	1.007
173	7/20/2008 9:31	16.73	51.521	33.91	7.8	8.15	6.2	1.081
174	7/20/2008 9:46	16.76	51.347	33.78	7.54	8.14	7.1	1.156
175	7/20/2008 10:01	16.76	50.93	33.48	7.59	8.14	7.7	1.248
176	7/20/2008 10:16	16.62	51.003	33.53	7.69	8.14	7.4	1.33
177	7/20/2008 10:31	16.53	51.324	33.76	7.69	8.13	7.8	1.433
178	7/20/2008 10:46	16.46	51.222	33.69	7.68	8.13	7.3	1.511
179	7/20/2008 11:01	16.43	51.438	33.85	7.68	8.13	7.1	1.617

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	7/20/2008 11:16	16.3	51.108	33.6	7.67	8.11	7.5	1.722
181	7/20/2008 11:31	16.18	51.427	33.83	7.57	8.1	7.6	1.809
182	7/20/2008 11:46	16.08	51.188	33.66	7.46	8.07	8.5	1.913
183	7/20/2008 12:01	16.01	51.131	33.61	7.37	8.06	7.9	2.003
184	7/20/2008 12:16	15.85	51.192	33.65	7.32	8.04	8.2	2.097
185	7/20/2008 12:31	15.75	51.225	33.68	7.33	8.04	8.6	2.183
186	7/20/2008 12:46	15.59	51.414	33.81	7.33	8.03	8	2.261
187	7/20/2008 13:01	15.32	51.181	33.64	7.36	8.01	9.4	2.351
188	7/20/2008 13:16	15.05	51.139	33.6	7.39	8	8.8	2.425
189	7/20/2008 13:31	14.46	51.221	33.64	7.49	7.97	9.1	2.495
190	7/20/2008 13:46	14.07	51.053	33.51	7.64	7.96	8.1	2.564
191	7/20/2008 14:01	13.68	50.97	33.43	7.83	7.96	8.9	2.636
192	7/20/2008 14:16	13.45	51.002	33.45	7.94	7.96	7.8	2.691
193	7/20/2008 14:31	13.41	50.903	33.37	8	7.97	6.2	2.734
194	7/20/2008 14:46	13.32	50.88	33.35	7.98	7.96	5.2	2.784
195	7/20/2008 15:01	13.23	51.166	33.56	7.91	7.96	4.9	2.804
196	7/20/2008 15:16	13.58	51.065	33.5	7.77	7.97	4.8	2.815
197	7/20/2008 15:31	13.51	51.038	33.48	7.53	8	3.7	2.798
198	7/20/2008 15:46	13.37	51.051	33.48	7.84	7.95	6.2	2.755
199	7/20/2008 16:01	13.51	51.162	33.57	7.89	7.97	5.7	2.711
200	7/20/2008 16:16	13.81	51.274	33.66	7.99	7.99	6.5	2.634
201	7/20/2008 16:31	14.07	51.333	33.71	8.06	8.04	8.1	2.553
202	7/20/2008 16:46	14.72	51.062	33.53	8.41	8.07	7.2	2.476
203	7/20/2008 17:01	15.49	51.44	33.83	9.09	8.16	6.8	2.39
204	7/20/2008 17:16	15.96	51.176	33.64	9.39	8.2	6.3	2.315
205	7/20/2008 17:31	16.17	51.179	33.65	9.52	8.22	6	2.237
206	7/20/2008 17:46	16.64	51.343	33.78	10.42	8.28	5.9	2.163
207	7/20/2008 18:01	16.71	51.432	33.85	10.19	8.28	5.5	2.096
208	7/20/2008 18:16	16.74	51.354	33.79	10.2	8.28	6	2.031
209	7/20/2008 18:31	16.78	51.505	33.9	10.44	8.29	7.8	1.967
210	7/20/2008 18:46	16.74	51.238	33.7	10.28	8.28	12.5	1.917
211	7/20/2008 19:01	16.71	51.22	33.69	10.3	8.28	5.4	1.864
212	7/20/2008 19:16	16.76	51.378	33.81	10.07	8.27	6.5	1.823
213	7/20/2008 19:31	16.71	51.411	33.83	9.77	8.25	4.7	1.796
214	7/20/2008 19:46	16.82	51.034	33.55	9.96	8.27	3.8	1.764
215	7/20/2008 20:01	16.83	51.478	33.88	10.13	8.3	6.9	1.759
216	7/20/2008 20:16	16.75	51.42	33.84	9.73	8.27	5.1	1.764
217	7/20/2008 20:31	16.76	51.367	33.8	9.49	8.23	5.1	1.785
218	7/20/2008 20:46	16.64	51.38	33.81	9.58	8.23	6	1.808
219	7/20/2008 21:01	16.61	51.302	33.75	9.36	8.21	5.7	1.861
220	7/20/2008 21:16	16.54	51.44	33.85	9.19	8.19	6.3	1.911
221	7/20/2008 21:31	16.49	51.336	33.77	9.16	8.19	5.7	1.967
222	7/20/2008 21:46	16.39	51.328	33.76	9.09	8.18	5.8	2.044
223	7/20/2008 22:01	16.26	51.132	33.62	9.01	8.17	5.9	2.112
224	7/20/2008 22:16	16.05	51.331	33.76	8.72	8.14	6.5	2.182

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	7/20/2008 22:31	15.95	51.493	33.88	8.55	8.13	5.8	2.252
226	7/20/2008 22:46	15.5	51.38	33.79	8.18	8.1	5.5	2.314
227	7/20/2008 23:01	15.19	51.242	33.68	7.97	8.04	5.4	2.392
228	7/20/2008 23:16	15.11	51.294	33.71	7.81	8.06	5.2	2.461
229	7/20/2008 23:31	14.9	51.191	33.63	7.71	8.04	5.6	2.536
230	7/20/2008 23:46	14.52	51.325	33.72	7.66	7.99	5.2	2.598
231	7/21/2008 0:01	14.09	50.995	33.47	7.64	7.97	5.4	2.676
232	7/21/2008 0:16	13.74	51.274	33.66	7.57	7.95	6	2.747
233	7/21/2008 0:31	13.43	51.301	33.67	7.57	7.94	5.7	2.815
234	7/21/2008 0:46	13.15	51.175	33.56	7.6	7.93	5.9	2.883
235	7/21/2008 1:01	12.85	51.361	33.69	7.57	8.03	5.5	2.941
236	7/21/2008 1:16	12.58	51.284	33.62	7.54	8.02	5.7	2.999
237	7/21/2008 1:31	12.3	51.234	33.57	7.54	7.9	4.9	3.038
238	7/21/2008 1:46	12.13	51.233	33.56	7.52	7.9	3.4	3.068
239	7/21/2008 2:01	11.97	51.253	33.57	7.48	7.89	3.1	3.095
240	7/21/2008 2:16	12.16	51.274	33.59	7.28	7.88	2.9	3.086
241	7/21/2008 2:31	12.08	51.412	33.69	7.52	8.01	3.8	3.067
242	7/21/2008 2:46	12.22	51.523	33.78	7.54	8.02	3.7	3.035
243	7/21/2008 3:01	12.5	51.193	33.55	7.45	7.91	5.1	2.974
244	7/21/2008 3:16	13.72	51.304	33.68	7.2	7.95	4.5	2.895
245	7/21/2008 3:31	13.53	51.409	33.75	7.36	8.05	5.7	2.814
246	7/21/2008 3:46	14.21	51.499	33.84	7.3	8.04	5.9	2.719
247	7/21/2008 4:01	14.42	51.388	33.76	7.18	8.04	4.8	2.621
248	7/21/2008 4:16	14.69	51.206	33.64	7.23	8.03	5.2	2.512
249	7/21/2008 4:31	14.98	51.363	33.76	7.38	8.06	5.9	2.412
250	7/21/2008 4:46	15.24	51.556	33.91	7.38	8.1	5.7	2.301
251	7/21/2008 5:01	15.25	51.53	33.89	7.25	8.09	5	2.19
252	7/21/2008 5:16	14.6	51.348	33.74	6.99	7.97	4.3	2.076
253	7/21/2008 5:31	14.7	51.243	33.67	7.08	7.97	5	1.958
254	7/21/2008 5:46	15.13	51.208	33.65	7.34	8.04	7.3	1.841
255	7/21/2008 6:01	15.04	51.349	33.75	7.28	8.02	5.6	1.709
256	7/21/2008 6:16	15.16	51.251	33.68	7.17	8.03	6	1.587
257	7/21/2008 6:31	15.46	51.049	33.54	7.23	8.05	5.7	1.448
258	7/21/2008 6:46	15.48	51.218	33.67	7.19	8.05	5.7	1.333
259	7/21/2008 7:01	15.47	51.46	33.84	7.1	8.02	5.6	1.211
260	7/21/2008 7:16	15.82	51.54	33.91	7.34	8.1	5.7	1.099
261	7/21/2008 7:31	16.03	51.442	33.84	7.46	8.09	5.5	1.006
262	7/21/2008 7:46	16.18	51.128	33.61	7.53	8.14	5.6	0.93
263	7/21/2008 8:01	16.2	51.359	33.78	7.5	8.11	5.7	0.885
264	7/21/2008 8:16	16.26	51.358	33.78	7.48	8.11	5.1	0.84
265	7/21/2008 8:31	16.22	51.479	33.87	7.18	8.1	4.8	0.844
266	7/21/2008 8:46	16.24	51.589	33.95	7.37	8.11	4.6	0.876
267	7/21/2008 9:01	16.37	51.332	33.77	7.47	8.12	4.3	0.906
268	7/21/2008 9:16	16.5	51.524	33.91	7.58	8.15	4.4	0.962
269	7/21/2008 9:31	16.53	51.173	33.65	7.63	8.16	4.5	1.035

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	7/21/2008 9:46	16.55	51.474	33.87	7.65	8.16	4.8	1.11
271	7/21/2008 10:01	16.49	51.397	33.82	7.67	8.15	4.7	1.188
272	7/21/2008 10:16	16.46	51.488	33.88	7.46	8.14	5.8	1.271
273	7/21/2008 10:31	16.45	51.361	33.79	7.36	8.13	6	1.343
274	7/21/2008 10:46	16.35	51.331	33.77	7.47	8.13	5.7	1.427
275	7/21/2008 11:01	16.2	51.302	33.74	7.5	8.12	7.7	1.534
276	7/21/2008 11:16	16.12	51.499	33.89	7.47	8.11	5.9	1.611
277	7/21/2008 11:31	16.12	51.502	33.89	7.47	8.12	5.2	1.705
278	7/21/2008 11:46	16.05	51.554	33.92	7.45	8.13	6	1.813
279	7/21/2008 12:01	15.96	51.147	33.62	7.44	8.1	6.5	1.906
280	7/21/2008 12:16	15.85	51.36	33.78	7.35	8.07	6.3	2.002
281	7/21/2008 12:31	15.73	51.439	33.83	7.32	8.06	6.8	2.095
282	7/21/2008 12:46	15.54	51.316	33.74	7.26	8.04	6.8	2.19
283	7/21/2008 13:01	15.38	51.432	33.82	7.24	8.06	7.9	2.272
284	7/21/2008 13:16	15.22	51.305	33.72	7.26	8.02	7	2.358
285	7/21/2008 13:31	14.96	51.016	33.51	7.29	8	8.5	2.44
286	7/21/2008 13:46	14.49	51.074	33.54	7.31	8.02	8	2.518
287	7/21/2008 14:01	14.16	50.965	33.45	7.31	7.96	7.8	2.592
288	7/21/2008 14:16	13.56	51.004	33.45	7.35	7.93	7.5	2.66
289	7/21/2008 14:31	13.26	51.085	33.5	7.38	7.92	7.6	2.736
290	7/21/2008 14:46	12.88	51.334	33.67	7.4	8.03	5.7	2.78
291	7/21/2008 15:01	12.72	51.405	33.71	7.44	8.03	5.1	2.838
292	7/21/2008 15:16	12.61	51.208	33.56	7.48	7.91	4.5	2.885
293	7/21/2008 15:31	12.59	51.362	33.68	7.42	8.03	3.1	2.899
294	7/21/2008 15:46	12.94	51.324	33.66	7.28	7.91	2.7	2.899
295	7/21/2008 16:01	12.76	51.052	33.46	7.39	7.91	5.5	2.889
296	7/21/2008 16:16	12.76	51.425	33.73	7.4	8.03	5.6	2.86
297	7/21/2008 16:31	12.84	51.326	33.66	7.44	8.03	7.4	2.793
298	7/21/2008 16:46	13.28	51.228	33.61	7.56	8.05	7.4	2.728
299	7/21/2008 17:01	13.91	51.276	33.67	7.88	8.01	7.3	2.649
300	7/21/2008 17:16	14.44	51.182	33.61	8.24	8.06	6.7	2.56
301	7/21/2008 17:31	14.74	50.855	33.38	8.29	8.08	6.8	2.476
302	7/21/2008 17:46	15.02	51.038	33.52	8.33	8.12	6.1	2.393
303	7/21/2008 18:01	15.25	51.148	33.61	8.37	8.13	5.5	2.315
304	7/21/2008 18:16	15.49	51.285	33.72	8.99	8.14	5.7	2.234
305	7/21/2008 18:31	15.7	51.194	33.65	9.07	8.15	5.2	2.163
306	7/21/2008 18:46	15.73	51.509	33.89	9.11	8.16	5.2	2.097
307	7/21/2008 19:01	15.72	51.387	33.8	9.2	8.18	5.4	2.018
308	7/21/2008 19:16	15.54	51.426	33.82	9.31	8.15	4.6	1.954
309	7/21/2008 19:31	15.67	51.239	33.69	9.24	8.16	4.6	1.894
310	7/21/2008 19:46	15.59	51.269	33.71	9.24	8.16	4.6	1.837
311	7/21/2008 20:01	15.65	51.236	33.68	9.08	8.16	4.5	1.781
312	7/21/2008 20:16	15.89	51.321	33.75	9.13	8.21	4.8	1.753
313	7/21/2008 20:31	15.89	51.55	33.92	8.89	8.19	4.5	1.732
314	7/21/2008 20:46	16.21	51.537	33.91	8.9	8.21	4.6	1.714

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	7/21/2008 21:01	15.9	51.449	33.84	8.92	8.17	4.3	1.726
316	7/21/2008 21:16	16.38	51.378	33.8	9.01	8.2	4.7	1.742
317	7/21/2008 21:31	16.36	50.898	33.45	8.99	8.2	4.6	1.784
318	7/21/2008 21:46	16.39	51.166	33.65	8.82	8.19	4.9	1.825
319	7/21/2008 22:01	16.32	51.467	33.87	8.72	8.18	5.9	1.881
320	7/21/2008 22:16	16.27	51.546	33.92	8.62	8.17	6	1.952
321	7/21/2008 22:31	16.33	51.483	33.88	8.51	8.18	6.5	2.017
322	7/21/2008 22:46	16.19	51.501	33.89	8.43	8.16	6	2.085
323	7/21/2008 23:01	15.89	51.491	33.88	8.34	8.14	5.7	2.154
324	7/21/2008 23:16	15.83	51.519	33.89	8.26	8.14	5.6	2.222
325	7/21/2008 23:31	15.45	51.293	33.72	8.09	8.1	6.6	2.288
326	7/21/2008 23:46	15.04	51.443	33.82	7.75	8.07	5.7	2.347
327	7/22/2008 0:01	14.81	51.268	33.69	7.6	8.01	6.2	2.416
328	7/22/2008 0:16	14.55	51.278	33.69	7.56	8	5.1	2.485
329	7/22/2008 0:31	14.28	51.274	33.68	7.52	7.98	5.4	2.545
330	7/22/2008 0:46	14.02	51.286	33.68	7.47	7.97	5.7	2.614
331	7/22/2008 1:01	13.72	51.254	33.64	7.5	7.96	5.4	2.68
332	7/22/2008 1:16	13.46	51.469	33.79	7.55	8.06	5.6	2.744
333	7/22/2008 1:31	13.29	51.302	33.66	7.6	7.95	5.2	2.802
334	7/22/2008 1:46	13.07	50.944	33.39	7.75	8.06	5.1	2.867
335	7/22/2008 2:01	12.8	51.054	33.46	7.89	7.95	4.9	2.914
336	7/22/2008 2:16	12.68	51.048	33.45	7.94	8.07	4	2.956
337	7/22/2008 2:31	12.64	51.168	33.54	7.98	8.07	3.6	3.001
338	7/22/2008 2:46	12.47	50.986	33.4	8.02	8.07	3.4	3.013
339	7/22/2008 3:01	12.79	51.145	33.53	7.77	8.06	2.8	3.01
340	7/22/2008 3:16	12.51	51.028	33.43	7.88	8.06	5.6	3.004
341	7/22/2008 3:31	12.63	51.138	33.51	7.89	8.07	3.9	2.968
342	7/22/2008 3:46	12.65	51.077	33.47	7.92	8.07	3.7	2.914
343	7/22/2008 4:01	13.55	51.111	33.53	7.38	8.06	4.5	2.844
344	7/22/2008 4:16	13.72	51.149	33.57	7.3	8.06	7.3	2.764
345	7/22/2008 4:31	13.92	51.395	33.75	7.21	8.06	5	2.679
346	7/22/2008 4:46	14.06	51.097	33.54	7.09	8	4.8	2.579
347	7/22/2008 5:01	14.24	51.497	33.84	7.04	8	5.1	2.47
348	7/22/2008 5:16	14.48	51.278	33.68	6.9	8	5.1	2.372
349	7/22/2008 5:31	14.63	51.506	33.86	6.77	8	4.6	2.279
350	7/22/2008 5:46	14.44	51.484	33.83	6.63	7.97	4	2.164
351	7/22/2008 6:01	14.4	51.489	33.84	6.62	7.97	4.6	2.044
352	7/22/2008 6:16	14.54	51.445	33.81	6.61	7.98	4.4	1.941
353	7/22/2008 6:31	14.75	51.295	33.7	6.68	7.97	4.9	1.828
354	7/22/2008 6:46	14.77	51.353	33.75	6.64	7.95	7	1.715
355	7/22/2008 7:01	15.04	51.325	33.73	6.81	8.01	7.9	1.593
356	7/22/2008 7:16	15.15	51.595	33.94	6.9	8.04	6.7	1.482
357	7/22/2008 7:31	15.16	51.465	33.84	6.83	8.03	6.5	1.385
358	7/22/2008 7:46	15.28	51.441	33.83	6.86	8.04	5.6	1.266
359	7/22/2008 8:01	15.43	51.691	34.01	6.89	8.05	5.4	1.167

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	7/22/2008 8:16	15.56	51.536	33.9	6.89	8.06	4.5	1.127
361	7/22/2008 8:31	15.66	51.611	33.96	6.93	8.07	4	1.056
362	7/22/2008 8:46	15.75	51.496	33.88	6.99	8.06	4.6	1.014
363	7/22/2008 9:01	15.82	51.443	33.84	6.92	8.08	3.5	1.003
364	7/22/2008 9:16	15.49	51.505	33.88	6.89	8.05	5.6	1.019
365	7/22/2008 9:31	15.78	51.46	33.85	7.08	8.09	4.5	1.059
366	7/22/2008 9:46	15.83	51.585	33.94	7.07	8.09	4.4	1.091
367	7/22/2008 10:01	16.09	51.612	33.97	7.17	8.12	4.5	1.162
368	7/22/2008 10:16	16.1	51.595	33.96	7.24	8.12	4.5	1.247
369	7/22/2008 10:31	16.05	51.542	33.92	7.21	8.12	4.5	1.319
370	7/22/2008 10:46	16.12	51.424	33.83	7.14	8.11	5.9	1.398
371	7/22/2008 11:01	16.09	51.454	33.85	7.06	8.11	5.4	1.481
372	7/22/2008 11:16	15.98	51.341	33.77	7.08	8.1	5.6	1.572
373	7/22/2008 11:31	15.81	51.31	33.74	7.12	8.09	5.4	1.658
374	7/22/2008 11:46	15.76	51.629	33.97	7.11	8.09	5.4	1.744
375	7/22/2008 12:01	15.73	51.46	33.85	7.08	8.08	5.3	1.84
376	7/22/2008 12:16	15.59	51.521	33.89	7.05	8.07	5.7	1.932
377	7/22/2008 12:31	15.52	51.545	33.91	7.06	8.07	7.1	2.032
378	7/22/2008 12:46	15.47	51.343	33.76	7.08	8.06	6.3	2.119
379	7/22/2008 13:01	15.36	51.362	33.77	7.11	8.05	6.7	2.214
380	7/22/2008 13:16	15.2	51.458	33.84	7.14	8.04	7.8	2.305
381	7/22/2008 13:31	15.03	51.346	33.75	7.2	8.04	7.4	2.386
382	7/22/2008 13:46	14.94	51.453	33.83	7.21	8.03	7.1	2.475
383	7/22/2008 14:01	14.51	51.587	33.91	7.3	8.02	8.1	2.553
384	7/22/2008 14:16	14.13	51.367	33.74	7.44	8.06	7.4	2.642
385	7/22/2008 14:31	13.82	51.315	33.69	7.57	8.06	7.2	2.715
386	7/22/2008 14:46	13.33	51.336	33.69	7.91	8.07	6.8	2.789
387	7/22/2008 15:01	13.05	51.335	33.68	8.12	8.08	6.3	2.858
388	7/22/2008 15:16	12.89	51.264	33.62	8.26	8.09	5.9	2.924
389	7/22/2008 15:31	12.81	51.225	33.59	8.35	8.09	4.9	2.968
390	7/22/2008 15:46	12.82	51.283	33.63	8.44	8.1	4.5	3.003
391	7/22/2008 16:01	12.77	51.286	33.63	8.38	8.1	3.5	3.033
392	7/22/2008 16:16	12.98	51.208	33.58	8.4	8.1	4	3.027
393	7/22/2008 16:31	12.81	51.17	33.55	8.45	8.1	4.2	3.003
394	7/22/2008 16:46	12.81	51.282	33.63	8.46	8.1	5	2.97
395	7/22/2008 17:01	12.92	51.251	33.61	8.34	8.1	7.9	2.914
396	7/22/2008 17:16	13.48	51.347	33.7	8.37	8.11	7.4	2.841
397	7/22/2008 17:31	13.83	51.017	33.47	8.42	8.02	8.5	2.753
398	7/22/2008 17:46	14.09	51.267	33.66	8.56	8.13	8.4	2.678
399	7/22/2008 18:01	14.14	51.402	33.76	8.66	8.13	8.1	2.59
400	7/22/2008 18:16	14.07	51.298	33.69	8.84	8.14	9.1	2.497
401	7/22/2008 18:31	14.22	51.179	33.6	8.95	8.15	8.4	2.409
402	7/22/2008 18:46	14.33	51.343	33.73	8.99	8.16	8.1	2.334
403	7/22/2008 19:01	14.56	51.254	33.67	9.01	8.14	7.8	2.255
404	7/22/2008 19:16	14.73	51.404	33.78	9.07	8.15	8.3	2.154

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	7/22/2008 19:31	14.89	51.224	33.66	9.06	8.15	8.2	2.087
406	7/22/2008 19:46	14.87	51.269	33.69	9.12	8.16	7.7	2.019
407	7/22/2008 20:01	15.13	51.421	33.81	8.95	8.15	9	1.935
408	7/22/2008 20:16	15.03	51.543	33.89	8.93	8.15	8.4	1.864
409	7/22/2008 20:31	15.35	51.238	33.68	8.9	8.17	7.4	1.806
410	7/22/2008 20:46	15.37	51.488	33.86	8.87	8.17	7.8	1.747
411	7/22/2008 21:01	15.59	51.471	33.85	8.75	8.17	6.8	1.7
412	7/22/2008 21:16	15.93	51.65	33.99	8.72	8.19	6.6	1.668
413	7/22/2008 21:31	16.37	51.633	33.99	8.65	8.21	5.1	1.651
414	7/22/2008 21:46	16.42	51.473	33.87	8.03	8.18	1.7	1.646
415	7/22/2008 22:01	16.41	51.459	33.86	8.49	8.21	5.9	1.659
416	7/22/2008 22:16	16.65	51.601	33.97	8.65	8.23	6.7	1.682
417	7/22/2008 22:31	16.49	51.485	33.88	8.72	8.2	6.9	1.725
418	7/22/2008 22:46	16.7	51.508	33.9	8.84	8.24	7.3	1.773
419	7/22/2008 23:01	16.63	51.573	33.95	8.81	8.23	7.5	1.837
420	7/22/2008 23:16	16.72	51.281	33.73	8.58	8.21	8.4	1.909
421	7/22/2008 23:31	16.81	51.485	33.89	8.45	8.2	8.2	1.969
422	7/22/2008 23:46	16.61	51.21	33.68	8.55	8.19	8	2.044
423	7/23/2008 0:01	16.35	51.025	33.54	8.6	8.15	7	2.107
424	7/23/2008 0:16	16.18	51.335	33.77	8.51	8.17	6.3	2.172
425	7/23/2008 0:31	16.07	51.388	33.8	8.46	8.13	6.7	2.232
426	7/23/2008 0:46	15.6	51.479	33.86	8.12	8.11	6.3	2.3
427	7/23/2008 1:01	15.37	51.423	33.81	7.96	8.09	6.7	2.36
428	7/23/2008 1:16	15.08	51.371	33.77	7.91	8.08	6	2.416
429	7/23/2008 1:31	14.86	51.364	33.76	7.85	8.06	5.1	2.479
430	7/23/2008 1:46	14.7	51.437	33.81	7.84	8.11	5.1	2.539
431	7/23/2008 2:01	14.39	51.287	33.69	7.92	8.1	6	2.596
432	7/23/2008 2:16	14.2	51.433	33.79	7.94	8.1	4.9	2.649
433	7/23/2008 2:31	14.06	51.085	33.53	7.98	8.1	4.9	2.707
434	7/23/2008 2:46	13.92	51.181	33.6	8.04	8.1	4.3	2.761
435	7/23/2008 3:01	13.88	49.873	32.64	8.04	8.1	4.5	2.792
436	7/23/2008 3:16	13.8	50.991	33.45	8.04	7.99	4.2	2.829
437	7/23/2008 3:31	13.61	51.241	33.63	8.11	8.11	3.6	2.859
438	7/23/2008 3:46	13.46	51.133	33.54	7.99	8.1	2.8	2.865
439	7/23/2008 4:01	13.8	51.501	33.83	7.77	8.09	4.5	2.853
440	7/23/2008 4:16	13.72	51.334	33.7	7.9	8.01	5.6	2.826
441	7/23/2008 4:31	13.84	51.164	33.58	7.8	8.1	4.1	2.786
442	7/23/2008 4:46	14.15	51.447	33.8	7.53	8.09	5.2	2.72
443	7/23/2008 5:01	14.48	51.608	33.93	7.24	8.08	4.4	2.656
444	7/23/2008 5:16	14.54	51.346	33.74	7.03	8.06	5.1	2.571
445	7/23/2008 5:31	14.57	51.532	33.87	6.94	8.05	5.1	2.486
446	7/23/2008 5:46	14.55	51.256	33.67	7.05	8.01	5.1	2.391
447	7/23/2008 6:01	14.55	51.372	33.76	7	8.05	4.9	2.292
448	7/23/2008 6:16	14.65	51.509	33.86	6.94	8.01	5	2.211
449	7/23/2008 6:31	14.89	51.382	33.77	6.92	8.02	4.6	2.107

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	7/23/2008 6:46	14.85	51.478	33.84	7.07	8.03	4.8	2.017
451	7/23/2008 7:01	14.89	51.195	33.63	7.05	8.03	6.7	1.926
452	7/23/2008 7:16	14.91	51.345	33.75	7.01	7.98	5.8	1.817
453	7/23/2008 7:31	15.01	51.269	33.69	7.05	8.03	5.1	1.729
454	7/23/2008 7:46	15.15	51.246	33.68	7.07	8.01	5.2	1.623
455	7/23/2008 8:01	15.36	51.597	33.94	7.15	8.07	4.7	1.529
456	7/23/2008 8:16	15.42	51.63	33.97	7.21	8.08	4.5	1.453
457	7/23/2008 8:31	15.44	51.423	33.82	7.25	8.08	5.4	1.372
458	7/23/2008 8:46	15.6	51.477	33.86	7.34	8.09	4.8	1.294
459	7/23/2008 9:01	15.61	51.6	33.95	7.35	8.1	4.6	1.242
460	7/23/2008 9:16	15.77	51.352	33.77	7.31	8.11	4.2	1.232
461	7/23/2008 9:31	15.86	51.532	33.9	7.1	8.09	2.7	1.189
462	7/23/2008 9:46	15.62	51.472	33.86	6.92	8.07	5.1	1.197
463	7/23/2008 10:01	15.96	51.606	33.96	7.25	8.12	10.4	1.251
464	7/23/2008 10:16	15.86	51.378	33.79	7.29	8.11	4.9	1.28
465	7/23/2008 10:31	16.08	51.33	33.76	7.22	8.09	5.1	1.329
466	7/23/2008 10:46	16.06	51.548	33.92	7.28	8.09	5.3	1.389
467	7/23/2008 11:01	16.01	51.428	33.83	7.25	8.11	5.3	1.483
468	7/23/2008 11:16	16.29	51.336	33.77	7.1	8.11	6.8	1.548
469	7/23/2008 11:31	16.2	51.328	33.76	7.02	8.08	6.8	1.619
470	7/23/2008 11:46	16.07	51.4	33.81	7.07	8.07	6.8	1.696
471	7/23/2008 12:01	15.98	51.505	33.89	7.12	8.09	6.2	1.785
472	7/23/2008 12:16	15.97	51.284	33.72	7.13	8.09	6.8	1.872
473	7/23/2008 12:31	15.93	51.277	33.72	7.15	8.06	6.2	1.939
474	7/23/2008 12:46	15.8	51.588	33.94	7.14	8.08	6.5	2.035
475	7/23/2008 13:01	15.64	51.489	33.87	7.24	8.07	7.8	2.113
476	7/23/2008 13:16	15.55	51.467	33.85	7.31	8.07	8	2.205
477	7/23/2008 13:31	15.51	51.44	33.83	7.42	8.07	7.6	2.296
478	7/23/2008 13:46	15.37	51.456	33.84	7.46	8.06	8	2.371
479	7/23/2008 14:01	15.23	51.399	33.79	7.56	8.06	8.8	2.464
480	7/23/2008 14:16	15.09	51.399	33.79	7.6	8.1	8.6	2.548
481	7/23/2008 14:31	14.68	51.164	33.61	7.74	8.09	9.1	2.622
482	7/23/2008 14:46	14.35	51.059	33.52	7.92	7.99	9.2	2.703
483	7/23/2008 15:01	14.07	51.366	33.74	8.03	8.09	8.8	2.785
484	7/23/2008 15:16	13.67	51.412	33.76	8.17	8.1	8.7	2.856
485	7/23/2008 15:31	13.39	51.343	33.7	8.29	8.1	8	2.926
486	7/23/2008 15:46	13.15	51.352	33.69	8.45	8.11	7.1	2.996
487	7/23/2008 16:01	13.05	51.255	33.62	8.57	8.11	6.3	3.043
488	7/23/2008 16:16	13	51.316	33.66	8.58	8.11	5	3.081
489	7/23/2008 16:31	12.95	51.398	33.72	8.48	8.11	4.8	3.112
490	7/23/2008 16:46	13.45	51.409	33.75	8.19	8.1	2.7	3.107
491	7/23/2008 17:01	13.12	51.507	33.81	8.08	8.08	2.1	3.101
492	7/23/2008 17:16	13.03	51.31	33.66	8.43	8.1	5.4	3.066
493	7/23/2008 17:31	13.13	51.201	33.58	8.44	8.11	5.4	3.006
494	7/23/2008 17:46	14.17	51.077	33.53	8.58	8.14	4.3	2.949

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	7/23/2008 18:01	14.59	51.285	33.69	8.81	8.16	7.6	2.858
496	7/23/2008 18:16	14.76	51.178	33.62	8.91	8.17	7.9	2.774
497	7/23/2008 18:31	14.95	51.248	33.68	8.84	8.13	7.8	2.684
498	7/23/2008 18:46	15.15	51.483	33.85	8.96	8.14	7.4	2.592
499	7/23/2008 19:01	15.44	51.365	33.77	9.15	8.16	7.2	2.499
500	7/23/2008 19:16	15.74	51.287	33.72	9.52	8.19	6.5	2.403
501	7/23/2008 19:31	15.82	51.356	33.77	9.7	8.2	6.8	2.325
502	7/23/2008 19:46	15.93	51.463	33.86	9.81	8.22	5.9	2.242
503	7/23/2008 20:01	16.07	51.324	33.76	9.96	8.24	5.8	2.146
504	7/23/2008 20:16	16.07	51.252	33.7	9.93	8.23	5.8	2.059
505	7/23/2008 20:31	16	51.413	33.82	10	8.21	5.2	1.984
506	7/23/2008 20:46	15.79	51.388	33.8	9.86	8.19	5.5	1.91
507	7/23/2008 21:01	15.71	51.216	33.67	9.77	8.22	5.3	1.822
508	7/23/2008 21:16	15.78	51.302	33.73	9.56	8.18	5.6	1.739
509	7/23/2008 21:31	16.05	51.234	33.69	9.38	8.18	4.9	1.701
510	7/23/2008 21:46	16.27	51.33	33.76	9.22	8.19	5.1	1.625
511	7/23/2008 22:01	17.07	51.41	33.83	9.18	8.26	5.7	1.58
512	7/23/2008 22:16	17.23	51.514	33.91	8.5	8.2	3.9	1.561
513	7/23/2008 22:31	17.04	51.168	33.66	8.25	8.17	2.9	1.551
514	7/23/2008 22:46	17.11	51.384	33.82	8.7	8.2	4.3	1.549
515	7/23/2008 23:01	17.36	51.179	33.67	8.99	8.23	4.2	1.546
516	7/23/2008 23:16	17.28	51.508	33.91	9.08	8.23	5.2	1.597
517	7/23/2008 23:31	17.14	51.568	33.95	9.18	8.22	4.5	1.626
518	7/23/2008 23:46	17.11	51.244	33.71	9.17	8.22	4.6	1.675
519	7/24/2008 0:01	17.05	51.068	33.58	9.15	8.21	4.3	1.744
520	7/24/2008 0:16	17.32	50.962	33.51	8.7	8.19	5.4	1.801
521	7/24/2008 0:31	17.41	51.14	33.64	8.49	8.2	5.9	1.864
522	7/24/2008 0:46	17.29	50.987	33.53	8.52	8.16	4.8	1.921
523	7/24/2008 1:01	17.02	51.422	33.84	8.75	8.17	4.8	1.989
524	7/24/2008 1:16	16.91	51.333	33.78	8.83	8.17	5.4	2.051
525	7/24/2008 1:31	16.76	51.378	33.81	8.8	8.16	4.5	2.113
526	7/24/2008 1:46	16.51	51.363	33.79	8.65	8.17	4.6	2.166
527	7/24/2008 2:01	16.08	51.205	33.67	8.4	8.13	5.1	2.22
528	7/24/2008 2:16	15.81	51.31	33.74	8.28	8.11	5.1	2.284
529	7/24/2008 2:31	15.64	51.176	33.64	8.18	8.1	3.9	2.328
530	7/24/2008 2:46	15.45	51.018	33.52	8.14	8.09	3.7	2.382
531	7/24/2008 3:01	15.3	51.145	33.61	8.14	8.14	4.4	2.438
532	7/24/2008 3:16	15.13	51.178	33.63	8.1	8.13	4	2.482
533	7/24/2008 3:31	14.91	51.177	33.62	8.09	8.13	3.7	2.531
534	7/24/2008 3:46	14.87	51.332	33.73	7.93	8.12	2.3	2.572
535	7/24/2008 4:01	14.65	51.325	33.72	7.98	8.12	3.1	2.617
536	7/24/2008 4:16	14.52	51.35	33.74	7.77	8.11	2.6	2.643
537	7/24/2008 4:31	14.48	51.231	33.65	6.66	8.04	1.5	2.661
538	7/24/2008 4:46	14.53	51.363	33.75	5.42	8	0.5	2.67
539	7/24/2008 5:01	14.66	51.436	33.81	6.61	8.04	1	2.66

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	7/24/2008 5:16	14.58	51.137	33.58	6.55	8.05	0.9	2.639
541	7/24/2008 5:31	14.59	51.405	33.78	7.83	8.11	3.7	2.599
542	7/24/2008 5:46	14.77	51.438	33.81	7.77	8.11	5.2	2.543
543	7/24/2008 6:01	15.16	51.485	33.86	7.46	8.07	4.1	2.488
544	7/24/2008 6:16	15.31	51.538	33.9	7.21	8.07	4.9	2.412
545	7/24/2008 6:31	15.23	51.627	33.96	6.76	8.04	5.7	2.335
546	7/24/2008 6:46	15.21	51.542	33.9	6.52	8.01	4.5	2.253
547	7/24/2008 7:01	15.23	51.66	33.99	6.6	8.01	5.5	2.162
548	7/24/2008 7:16	15.35	51.341	33.75	6.76	8.02	5.1	2.088
549	7/24/2008 7:31	15.45	51.404	33.8	6.86	8.03	5.2	2.008
550	7/24/2008 7:46	15.51	51.461	33.85	6.95	8.04	4.2	1.929
551	7/24/2008 8:01	15.65	51.23	33.68	7.1	8.06	4.4	1.853
552	7/24/2008 8:16	15.58	51.066	33.56	7.11	8.02	4.6	1.763
553	7/24/2008 8:31	15.66	51.499	33.88	6.95	8.05	3.7	1.69
554	7/24/2008 8:46	15.78	51.515	33.89	7.06	8.06	3.7	1.612
555	7/24/2008 9:01	15.89	51.356	33.78	7.08	8.07	3.7	1.546
556	7/24/2008 9:16	15.98	51.288	33.73	7.05	8.04	4	1.496
557	7/24/2008 9:31	16.06	51.245	33.7	7.31	8.1	3.1	1.452
558	7/24/2008 9:46	16.18	51.258	33.71	7.24	8.06	2.5	1.43
559	7/24/2008 10:01	16.27	51.315	33.75	7.45	8.12	3.1	1.397
560	7/24/2008 10:16	16.33	51.556	33.93	6.62	8.08	2	1.397
561	7/24/2008 10:31	16.25	51.477	33.87	7.44	8.12	3.2	1.426
562	7/24/2008 10:46	16.39	51.494	33.89	7.45	8.13	3.4	1.433
563	7/24/2008 11:01	16.37	51.499	33.89	7.39	8.12	3.6	1.484
564	7/24/2008 11:16	16.46	51.668	34.02	7.45	8.13	5.2	1.535
565	7/24/2008 11:31	16.46	51.478	33.88	7.48	8.13	4.5	1.594
566	7/24/2008 11:46	16.46	51.64	33.99	7.42	8.13	4.2	1.655
567	7/24/2008 12:01	16.52	51.241	33.7	7.36	8.12	5.5	1.733
568	7/24/2008 12:16	16.52	51.566	33.94	7.33	8.12	5.6	1.805
569	7/24/2008 12:31	16.33	51.186	33.66	7.41	8.11	4.9	1.869
570	7/24/2008 12:46	16.27	51.37	33.79	7.46	8.11	4.9	1.948
571	7/24/2008 13:01	16.15	51.512	33.9	7.47	8.1	6.3	2.034
572	7/24/2008 13:16	16.09	51.346	33.77	7.48	8.1	5.7	2.112
573	7/24/2008 13:31	15.93	51.205	33.67	7.55	8.09	5.9	2.193
574	7/24/2008 13:46	15.72	51.363	33.78	7.7	8.09	6.3	2.273
575	7/24/2008 14:01	15.64	51.333	33.75	7.8	8.09	6.3	2.35
576	7/24/2008 14:16	15.56	51.486	33.87	7.88	8.09	6.2	2.427
577	7/24/2008 14:31	15.37	51.398	33.8	7.94	8.12	6.8	2.511
578	7/24/2008 14:46	15.14	51.018	33.51	7.96	8.12	7.4	2.592
579	7/24/2008 15:01	14.85	51.363	33.76	7.91	8.11	7.8	2.672
580	7/24/2008 15:16	14.32	51.239	33.65	7.89	8.09	8.8	2.748
581	7/24/2008 15:31	13.91	51.127	33.56	7.88	8.08	8.4	2.834
582	7/24/2008 15:46	13.64	51.182	33.59	7.85	8.07	8.2	2.903
583	7/24/2008 16:01	13.17	51.665	33.92	7.8	8.01	8.1	2.972
584	7/24/2008 16:16	12.96	51.466	33.77	7.79	7.97	7.9	3.041

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	7/24/2008 16:31	12.82	51.309	33.65	7.81	8.06	6.3	3.093
586	7/24/2008 16:46	12.74	51.175	33.55	7.78	8.05	4.9	3.133
587	7/24/2008 17:01	12.7	51.384	33.7	7.74	8.05	4.1	3.153
588	7/24/2008 17:16	13.06	51.14	33.53	7.24	8.05	3.4	3.173
589	7/24/2008 17:31	12.79	51.134	33.52	7.06	8.03	2.4	3.167
590	7/24/2008 17:46	12.72	51.28	33.62	7	8.02	2.6	3.13
591	7/24/2008 18:01	12.76	51.12	33.51	7.45	8.03	5.4	3.079
592	7/24/2008 18:16	13.43	51.367	33.71	7.74	8.08	5.8	3.027
593	7/24/2008 18:31	14.26	51.195	33.62	8.08	8.12	5.2	2.964
594	7/24/2008 18:46	14.32	51.356	33.74	8.01	8.11	11	2.859
595	7/24/2008 19:01	14.52	51.472	33.83	8.22	8.12	10.1	2.772
596	7/24/2008 19:16	14.68	51.338	33.73	8.17	8.13	8.4	2.694
597	7/24/2008 19:31	14.84	51.159	33.61	8.45	8.15	6.8	2.601
598	7/24/2008 19:46	14.94	51.341	33.74	8.54	8.15	4.5	2.508
599	7/24/2008 20:01	15.12	51.705	34.02	8.74	8.17	4.2	2.408
600	7/24/2008 20:16	15.25	51.453	33.83	8.85	8.1	4.2	2.331
601	7/24/2008 20:31	15.09	51.324	33.74	8.87	8.18	4.8	2.239
602	7/24/2008 20:46	15.04	51.287	33.71	8.9	8.19	5.4	2.144
603	7/24/2008 21:01	15.31	50.365	33.04	9.01	8.14	7	2.051
604	7/24/2008 21:16	15.28	51.363	33.77	8.69	8.14	6.7	1.966
605	7/24/2008 21:31	15.24	51.286	33.71	8.67	8.09	5.3	1.877
606	7/24/2008 21:46	15.5	51.057	33.55	8.66	8.12	6.3	1.784
607	7/24/2008 22:01	15.6	51.114	33.59	8.57	8.11	5.2	1.702
608	7/24/2008 22:16	15.81	51.816	34.11	8.51	8.12	4.8	1.625
609	7/24/2008 22:31	15.82	51.785	34.09	8.39	8.11	4.6	1.559
610	7/24/2008 22:46	16.21	51.882	34.17	8.38	8.16	4.2	1.507
611	7/24/2008 23:01	16.44	51.623	33.98	8.44	8.18	4.2	1.467
612	7/24/2008 23:16	16.74	51.931	34.21	8.49	8.2	4.3	1.436
613	7/24/2008 23:31	16.91	51.903	34.2	8.44	8.19	4	1.422
614	7/24/2008 23:46	16.97	51.95	34.23	7.55	8.14	1.3	1.413
615	7/25/2008 0:01	16.97	51.078	33.59	6.65	8.17	3.8	1.427
616	7/25/2008 0:16	17.07	51.312	33.76	8.61	8.22	4.8	1.463
617	7/25/2008 0:31	17.05	51.337	33.78	8.62	8.19	24.4	1.493
618	7/25/2008 0:46	17.13	51.566	33.95	8.85	8.24	4.2	1.541
619	7/25/2008 1:01	17.1	51.398	33.83	8.85	8.23	4.8	1.6
620	7/25/2008 1:16	17.02	51.61	33.98	8.76	8.22	5.2	1.649
621	7/25/2008 1:31	17.05	51.304	33.76	8.55	8.21	7	1.714
622	7/25/2008 1:46	17.14	51.527	33.92	8.27	8.16	6	1.765
623	7/25/2008 2:01	17.07	50.88	33.44	8.36	8.16	4.9	1.826
624	7/25/2008 2:16	16.85	50.994	33.53	8.6	8.16	4	1.896
625	7/25/2008 2:31	16.77	51.142	33.63	8.56	8.16	4	1.94
626	7/25/2008 2:46	16.67	51.313	33.76	8.62	8.15	3.8	1.992
627	7/25/2008 3:01	16.58	51.082	33.59	8.63	8.14	4.3	2.059
628	7/25/2008 3:16	16.24	51.356	33.78	8.54	8.15	4.2	2.122
629	7/25/2008 3:31	16.11	51.115	33.6	8.4	8.14	4.2	2.156

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
630	7/25/2008 3:46	15.97	50.925	33.46	8.37	8.08	4	2.211
631	7/25/2008 4:01	15.8	51.276	33.72	8.32	8.11	3.9	2.273
632	7/25/2008 4:16	15.66	51.123	33.6	8.29	8.06	4	2.314
633	7/25/2008 4:31	15.56	51.144	33.61	8.2	8.06	4	2.35
634	7/25/2008 4:46	15.47	51.502	33.87	8.15	8.14	3.6	2.395
635	7/25/2008 5:01	15.34	51.303	33.73	8.16	8.14	3.6	2.434
636	7/25/2008 5:16	15.22	51.227	33.67	8.06	8.14	3.1	2.468
637	7/25/2008 5:31	15.21	51.07	33.55	7.68	8.02	3.3	2.476
638	7/25/2008 5:46	15.2	51.378	33.78	6.88	8.08	1.2	2.499
639	7/25/2008 6:01	15.26	51.164	33.62	6.34	8.06	1.8	2.511
640	7/25/2008 6:16	15.28	51.198	33.65	7.62	8.02	3.7	2.497
641	7/25/2008 6:31	15.16	51.26	33.69	7.25	8.08	3.8	2.48
642	7/25/2008 6:46	15.14	51.291	33.71	7.71	8.1	3.1	2.438
643	7/25/2008 7:01	15.28	51.353	33.76	7.74	8.11	5.5	2.404
644	7/25/2008 7:16	15.43	51.1	33.58	7.51	8.11	4	2.344
645	7/25/2008 7:31	15.58	51.566	33.92	7.31	8.07	5.7	2.27
646	7/25/2008 7:46	15.54	51.445	33.83	6.74	8.09	7	2.201
647	7/25/2008 8:01	15.52	51.56	33.92	6.7	8.07	6.9	2.132
648	7/25/2008 8:16	15.56	51.536	33.9	6.66	8.01	5.4	2.068
649	7/25/2008 8:31	15.72	51.284	33.72	6.87	8.04	5.1	1.995
650	7/25/2008 8:46	15.77	51.437	33.83	7.05	8.05	4.9	1.929
651	7/25/2008 9:01	15.88	51.477	33.86	7.13	8.06	4.5	1.871
652	7/25/2008 9:16	15.92	51.448	33.84	7.06	8.06	3.8	1.819
653	7/25/2008 9:31	16.05	51.487	33.88	7.16	8.07	4	1.759
654	7/25/2008 9:46	16.09	51.255	33.71	7.04	8.04	3.7	1.724
655	7/25/2008 10:01	16.16	51.516	33.9	6.89	8.06	3.5	1.684
656	7/25/2008 10:16	16.3	51.425	33.83	6.85	8.07	3.4	1.669
657	7/25/2008 10:31	16.4	51.358	33.79	6.87	8.1	3.3	1.639
658	7/25/2008 10:46	16.44	51.488	33.88	6.37	8.06	1.8	1.634
659	7/25/2008 11:01	16.5	51.492	33.89	5.32	7.99	0.9	1.633
660	7/25/2008 11:16	16.53	51.582	33.95	7.55	8.12	4.2	1.661
661	7/25/2008 11:31	16.53	51.563	33.94	7.53	8.12	4.5	1.677
662	7/25/2008 11:46	16.54	51.438	33.85	7.55	8.12	4.2	1.703
663	7/25/2008 12:01	16.52	51.542	33.92	7.53	8.12	4.4	1.761
664	7/25/2008 12:16	16.44	51.613	33.97	7.48	8.11	4.6	1.814
665	7/25/2008 12:31	16.4	51.482	33.88	7.45	8.11	4.8	1.856
666	7/25/2008 12:46	16.36	51.363	33.79	7.44	8.1	4.6	1.92
667	7/25/2008 13:01	16.33	51.58	33.95	7.47	8.1	4.6	1.988
668	7/25/2008 13:16	16.24	51.437	33.84	7.58	8.11	4.7	2.049
669	7/25/2008 13:31	16.19	51.518	33.9	7.6	8.1	5	2.112
670	7/25/2008 13:46	15.98	51.648	33.99	7.59	8.09	5.5	2.182
671	7/25/2008 14:01	15.77	51.343	33.76	7.63	8.13	6.2	2.257
672	7/25/2008 14:16	15.61	51.23	33.68	7.76	8.13	6	2.327
673	7/25/2008 14:31	15.5	51.298	33.73	7.87	8.13	5.1	2.399
674	7/25/2008 14:46	15.42	51.267	33.7	7.92	8.12	5.4	2.479

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	7/25/2008 15:01	15.28	50.929	33.45	7.97	8.03	5.2	2.557
676	7/25/2008 15:16	15.06	51.125	33.59	7.93	8.11	5.7	2.629
677	7/25/2008 15:31	14.81	51.419	33.8	7.94	8.11	6.6	2.707
678	7/25/2008 15:46	14.51	51.4	33.77	7.88	8.09	7.1	2.791
679	7/25/2008 16:01	14.09	51.466	33.81	7.84	8.08	6.6	2.861
680	7/25/2008 16:16	13.81	51.398	33.75	7.83	8.07	6.4	2.943
681	7/25/2008 16:31	13.49	51.172	33.57	7.86	8.07	6.6	3.015
682	7/25/2008 16:46	13.16	51.54	33.83	7.81	7.98	5.4	3.074
683	7/25/2008 17:01	12.82	51.48	33.77	7.78	7.97	5.4	3.139
684	7/25/2008 17:16	12.59	51.289	33.62	7.71	8.04	3	3.179
685	7/25/2008 17:31	12.54	51.095	33.48	7.8	8.05	4.2	3.221
686	7/25/2008 17:46	12.46	51.244	33.58	7.78	8.05	3.5	3.246
687	7/25/2008 18:01	12.58	51.295	33.63	7.53	8.03	2.5	3.254
688	7/25/2008 18:16	12.64	51.334	33.66	7.33	8.01	23.1	3.234
689	7/25/2008 18:31	12.53	51.327	33.65	7.43	8.03	3.4	3.209
690	7/25/2008 18:46	12.64	51.262	33.61	7.58	8.04	5.4	3.17
691	7/25/2008 19:01	13.64	51.142	33.56	8.01	8.1	5.1	3.095
692	7/25/2008 19:16	14.36	51.212	33.63	8.4	8.14	7.2	3.02
693	7/25/2008 19:31	14.86	51.203	33.64	8.56	8.16	6.5	2.941
694	7/25/2008 19:46	14.91	51.248	33.67	8.63	8.16	4.7	2.862
695	7/25/2008 20:01	15.19	51.257	33.69	8.84	8.18	5.9	2.756
696	7/25/2008 20:16	15.4	50.97	33.48	8.96	8.19	5.4	2.664
697	7/25/2008 20:31	15.41	51.13	33.6	8.91	8.19	5.9	2.579
698	7/25/2008 20:46	15.93	51.316	33.75	9.12	8.17	4.2	2.496
699	7/25/2008 21:01	16.18	51.406	33.82	9.24	8.18	4.8	2.395
700	7/25/2008 21:16	16.26	51.337	33.77	9.29	8.19	4.8	2.288
701	7/25/2008 21:31	15.68	51.319	33.74	9.31	8.22	3.9	2.205
702	7/25/2008 21:46	15.55	51.4	33.8	9.2	8.21	5.9	2.109
703	7/25/2008 22:01	15.76	51.404	33.81	8.91	8.16	6.9	2.002
704	7/25/2008 22:16	15.82	51.312	33.74	8.88	8.15	4.5	1.9
705	7/25/2008 22:31	15.93	51.283	33.72	8.7	8.15	3.7	1.802
706	7/25/2008 22:46	16	50.492	33.14	8.61	8.14	3.3	1.713
707	7/25/2008 23:01	16.01	50.47	33.13	8.44	8.15	3.7	1.614
708	7/25/2008 23:16	16.08	51.502	33.89	8.22	8.14	3.7	1.511
709	7/25/2008 23:31	16.27	51.446	33.85	8.09	8.1	3.5	1.437
710	7/25/2008 23:46	16.43	50.498	33.15	8.04	8.15	3.7	1.378
711	7/26/2008 0:01	16.64	50.331	33.04	8.07	8.15	3.5	1.314
712	7/26/2008 0:16	16.77	51.46	33.87	8.04	8.12	3.7	1.267
713	7/26/2008 0:31	17.06	51.87	34.17	8.13	8.17	3.6	1.259
714	7/26/2008 0:46	17.21	51.649	34.01	7.87	8.12	1.8	1.252
715	7/26/2008 1:01	16.97	51.423	33.84	7.92	8.13	3.1	1.243
716	7/26/2008 1:16	17.31	51.571	33.96	8.6	8.18	4.9	1.275
717	7/26/2008 1:31	17.14	51.621	33.99	8.55	8.16	4.6	1.328
718	7/26/2008 1:46	17.3	51.756	34.09	8.74	8.18	5.2	1.362
719	7/26/2008 2:01	17.23	51.672	34.03	8.73	8.18	5.1	1.406

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	7/26/2008 2:16	17.18	51.412	33.84	8.74	8.18	5.2	1.476
721	7/26/2008 2:31	17.32	51.67	34.03	8.38	8.16	6.3	1.535
722	7/26/2008 2:46	17.43	50.549	33.2	8.15	8.27	6.8	1.579
723	7/26/2008 3:01	17.41	51.599	33.98	8.07	8.18	6.2	1.638
724	7/26/2008 3:16	17.23	51.643	34.01	8.41	8.14	5.6	1.702
725	7/26/2008 3:31	17.1	51.549	33.94	8.44	8.14	5.4	1.755
726	7/26/2008 3:46	17.04	51.556	33.94	8.44	8.14	5.4	1.815
727	7/26/2008 4:01	16.94	50.522	33.18	8.51	7.92	5.6	1.872
728	7/26/2008 4:16	16.89	50.463	33.14	8.48	7.92	6.7	1.93
729	7/26/2008 4:31	16.55	51.467	33.87	8.49	8.15	7.3	1.992
730	7/26/2008 4:46	16.44	51.251	33.71	8.39	8.15	5.6	2.053
731	7/26/2008 5:01	16.27	51.103	33.6	8.3	8.09	5.3	2.099
732	7/26/2008 5:16	16.19	51.478	33.87	8.21	8.12	4.8	2.151
733	7/26/2008 5:31	16.05	51.331	33.76	8.21	8.16	5	2.208
734	7/26/2008 5:46	15.92	51.546	33.92	8.17	8.16	4.7	2.259
735	7/26/2008 6:01	15.86	50.152	32.89	8.18	8.06	4.5	2.289
736	7/26/2008 6:16	15.77	51.554	33.92	8.09	8.15	4.3	2.324
737	7/26/2008 6:31	15.73	51.367	33.78	8.03	8.15	4.4	2.372
738	7/26/2008 6:46	15.57	51.514	33.89	8	8.06	4.5	2.389
739	7/26/2008 7:01	15.81	51.02	33.53	7.41	8.11	1.4	2.398
740	7/26/2008 7:16	15.7	51.413	33.81	7.55	8.13	3.5	2.424
741	7/26/2008 7:31	15.77	51.212	33.67	7.49	8.12	3.4	2.429
742	7/26/2008 7:46	15.6	51.364	33.78	7.74	8.13	5.1	2.403
743	7/26/2008 8:01	15.44	51.383	33.79	7.8	8.13	4.2	2.393
744	7/26/2008 8:16	15.5	51.287	33.72	7.82	8.13	4.5	2.35
745	7/26/2008 8:31	15.61	51.243	33.69	7.9	8.14	4.2	2.323
746	7/26/2008 8:46	15.78	51.324	33.75	7.93	8.15	3.8	2.278
747	7/26/2008 9:01	15.95	51.514	33.89	8.04	8.11	4.4	2.223
748	7/26/2008 9:16	16.12	51.476	33.87	7.9	8.12	4.6	2.158
749	7/26/2008 9:31	16.19	51.46	33.86	7.73	8.1	4	2.107
750	7/26/2008 9:46	16.27	51.509	33.9	7.82	8.11	3.9	2.063
751	7/26/2008 10:01	16.35	51.43	33.84	7.84	8.12	3.6	2.001
752	7/26/2008 10:16	16.45	51.554	33.93	8.29	8.14	3.7	1.956
753	7/26/2008 10:31	16.64	51.408	33.83	8.57	8.15	4.7	1.923
754	7/26/2008 10:46	16.69	51.465	33.87	8.28	8.14	3.5	1.887
755	7/26/2008 11:01	16.73	51.55	33.93	7.93	8.12	2	1.867
756	7/26/2008 11:16	16.78	51.505	33.9	7.3	8.08	0.5	1.843
757	7/26/2008 11:31	16.76	51.278	33.73	8.11	8.13	3.4	1.84
758	7/26/2008 11:46	16.71	51.216	33.69	8.22	8.09	4	1.845
759	7/26/2008 12:01	16.85	51.265	33.72	8.17	8.1	3.4	1.847
760	7/26/2008 12:16	16.88	51.48	33.88	8.15	8.13	3.8	1.875
761	7/26/2008 12:31	16.79	51.522	33.91	7.92	8.12	3.9	1.891
762	7/26/2008 12:46	16.8	51.323	33.77	7.94	8.13	3.7	1.926
763	7/26/2008 13:01	16.75	51.443	33.85	8	8.13	4.8	1.979
764	7/26/2008 13:16	16.6	51.5	33.89	8	8.12	4.9	2.02

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	7/26/2008 13:31	16.63	51.3	33.75	8.01	8.12	4.4	2.068
766	7/26/2008 13:46	16.52	51.22	33.69	8.02	8.07	4.8	2.128
767	7/26/2008 14:01	16.37	51.362	33.79	8.05	8.11	4.6	2.18
768	7/26/2008 14:16	16.27	51.342	33.77	8.08	8.11	4.5	2.238
769	7/26/2008 14:31	16.08	51.698	34.03	8.04	8.06	4.7	2.3
770	7/26/2008 14:46	15.89	51.356	33.78	7.99	8.13	46.4	2.366
771	7/26/2008 15:01	15.77	50.395	33.07	8.03	8.04	5.4	2.441
772	7/26/2008 15:16	15.44	51.725	34.04	7.96	8.04	5	2.5
773	7/26/2008 15:31	15.12	50.295	32.98	7.96	8.01	5.6	2.572
774	7/26/2008 15:46	14.95	51.318	33.73	7.91	8	5.1	2.645
775	7/26/2008 16:01	14.73	51.736	34.03	7.87	8.1	4.8	2.71
776	7/26/2008 16:16	14.64	51.336	33.73	7.89	8.02	5.1	2.792
777	7/26/2008 16:31	14.48	51.203	33.63	7.84	8.04	5.2	2.863
778	7/26/2008 16:46	13.84	51.499	33.83	7.69	8.06	5.7	2.938
779	7/26/2008 17:01	13.6	51.306	33.68	7.62	8.05	5.7	3.014
780	7/26/2008 17:16	13.37	51.516	33.82	7.51	7.96	5.7	3.081
781	7/26/2008 17:31	12.98	51.367	33.7	7.35	8.02	4.3	3.139
782	7/26/2008 17:46	12.93	51.287	33.64	7.28	8.01	4.2	3.202
783	7/26/2008 18:01	12.68	51.242	33.59	7.18	8	4	3.252
784	7/26/2008 18:16	12.55	51.416	33.71	7.06	7.99	3.1	3.285
785	7/26/2008 18:31	12.45	51.314	33.64	6.98	7.98	2.6	3.309
786	7/26/2008 18:46	12.35	51.523	33.78	6.47	7.89	1.5	3.324
787	7/26/2008 19:01	12.52	51.51	33.78	6.56	7.89	1.3	3.315
788	7/26/2008 19:16	12.48	50.995	33.4	6.79	7.97	3	3.295
789	7/26/2008 19:31	12.48	51.264	33.6	6.9	7.98	3.6	3.25
790	7/26/2008 19:46	12.88	51.217	33.58	7.1	8.01	4.9	3.199
791	7/26/2008 20:01	13.68	50.916	33.39	7.59	8.07	4.9	3.128
792	7/26/2008 20:16	14.52	51.289	33.69	8.06	8.12	6.3	3.05
793	7/26/2008 20:31	14.67	51.376	33.76	8.22	8.13	4.5	2.964
794	7/26/2008 20:46	14.85	51.325	33.73	8.22	8.14	4.5	2.88
795	7/26/2008 21:01	15.33	51.178	33.63	8.55	8.16	4.8	2.788
796	7/26/2008 21:16	15.51	51.412	33.81	8.47	8.16	5.1	2.697
797	7/26/2008 21:31	15.31	51.395	33.79	8.27	8.15	3.5	2.603
798	7/26/2008 21:46	15.89	50.917	33.45	8.52	8.13	3.2	2.505
799	7/26/2008 22:01	16.17	51.242	33.7	8.62	8.14	4	2.406
800	7/26/2008 22:16	16.35	51.373	33.8	8.62	8.14	3.7	2.308
801	7/26/2008 22:31	16.26	51.216	33.68	8.62	8.14	3.7	2.192
802	7/26/2008 22:46	16.32	51.169	33.65	8.22	8.11	6.5	2.086
803	7/26/2008 23:01	16.23	50.976	33.5	8.12	8.11	5.2	1.982
804	7/26/2008 23:16	16.49	51.499	33.89	8.24	8.11	4.2	1.867
805	7/26/2008 23:31	16.35	51.252	33.71	7.98	8.09	3.6	1.76
806	7/26/2008 23:46	16.26	51.138	33.62	7.79	8.08	3.5	1.652
807	7/27/2008 0:01	16.4	51.339	33.77	7.72	8.09	3.2	1.536
808	7/27/2008 0:16	16.57	50.909	33.46	7.72	8.09	3.4	1.434
809	7/27/2008 0:31	16.79	51.119	33.62	7.72	8.06	3.6	1.339

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	7/27/2008 0:46	16.96	50.424	33.11	7.79	8.1	4	1.257
811	7/27/2008 1:01	17.11	51.281	33.74	7.73	8.11	4.7	1.186
812	7/27/2008 1:16	17.33	51.403	33.83	7.74	8.11	4.9	1.136
813	7/27/2008 1:31	17.82	51.246	33.72	8.2	8.16	4.9	1.102
814	7/27/2008 1:46	17.73	51.322	33.78	7.97	8.14	4.3	1.071
815	7/27/2008 2:01	17.95	51.264	33.73	7.94	8.11	3.1	1.074
816	7/27/2008 2:16	17.84	51.587	33.97	7.94	8.13	4.3	1.12
817	7/27/2008 2:31	18.06	50.922	33.48	8.55	8.16	4.3	1.133
818	7/27/2008 2:46	17.93	50.994	33.54	8.44	8.15	4.3	1.168
819	7/27/2008 3:01	18.06	51.1	33.61	8.71	8.17	4.6	1.241
820	7/27/2008 3:16	18.01	51.071	33.59	8.63	8.16	4.8	1.289
821	7/27/2008 3:31	17.9	51.274	33.74	8.53	8.18	4.7	1.353
822	7/27/2008 3:46	18.13	51.046	33.58	8.32	8.14	5.2	1.411
823	7/27/2008 4:01	18.08	51.066	33.59	8.27	8.13	5.6	1.469
824	7/27/2008 4:16	17.99	50.993	33.54	8.28	8.13	5.1	1.536
825	7/27/2008 4:31	17.83	51.031	33.56	8.34	8.13	4.8	1.593
826	7/27/2008 4:46	17.69	51.147	33.65	8.37	8.16	4.5	1.669
827	7/27/2008 5:01	17.55	51.024	33.55	8.31	8.15	4	1.727
828	7/27/2008 5:16	17.45	51.059	33.58	8.3	8.12	4	1.794
829	7/27/2008 5:31	17.23	50.831	33.41	8.41	8.14	5.8	1.868
830	7/27/2008 5:46	17.01	51.252	33.72	8.27	8.13	5.6	1.924
831	7/27/2008 6:01	16.84	51.194	33.67	8.17	8.12	5.5	1.99
832	7/27/2008 6:16	16.72	51.231	33.7	8.1	8.11	5	2.058
833	7/27/2008 6:31	16.62	51.093	33.59	8.07	8.11	5.6	2.107
834	7/27/2008 6:46	16.55	51.209	33.68	8.02	8.1	5.1	2.169
835	7/27/2008 7:01	16.48	51.068	33.57	8.01	8.1	5	2.217
836	7/27/2008 7:16	16.39	51.21	33.68	8	8.1	4.7	2.26
837	7/27/2008 7:31	16.33	51.024	33.54	7.96	8.1	4.8	2.309
838	7/27/2008 7:46	16.16	51.142	33.62	7.94	8.13	4.3	2.351
839	7/27/2008 8:01	16.04	50.922	33.46	7.92	8.13	4.6	2.384
840	7/27/2008 8:16	15.97	50.788	33.36	7.79	8.04	4.1	2.408
841	7/27/2008 8:31	15.92	50.687	33.29	7.73	8.12	4.5	2.432
842	7/27/2008 8:46	15.91	51.136	33.61	6.92	8.08	1.5	2.445
843	7/27/2008 9:01	16.08	50.899	33.44	7.3	8.09	2.4	2.455
844	7/27/2008 9:16	15.84	50.979	33.5	7.27	8.1	2.8	2.444
845	7/27/2008 9:31	15.85	51.247	33.7	7.45	8.11	4.1	2.424
846	7/27/2008 9:46	15.85	50.89	33.43	7.59	8.11	4	2.406
847	7/27/2008 10:01	15.94	50.968	33.49	7.67	8.12	4	2.374
848	7/27/2008 10:16	16.1	50.787	33.36	7.67	8.12	4.3	2.322
849	7/27/2008 10:31	16.27	51.081	33.58	7.77	8.08	4.1	2.288
850	7/27/2008 10:46	16.4	51.072	33.58	7.7	8.07	4	2.249
851	7/27/2008 11:01	16.52	50.868	33.43	7.72	8.06	3.8	2.196
852	7/27/2008 11:16	16.64	51.114	33.61	7.83	8.08	3.7	2.169
853	7/27/2008 11:31	16.72	51.006	33.53	7.92	8.08	4	2.11
854	7/27/2008 11:46	16.78	51.038	33.56	8.07	8.09	4.3	2.081

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	7/27/2008 12:01	16.87	51.191	33.67	7.65	8.08	2.6	2.069
856	7/27/2008 12:16	16.94	50.965	33.5	7.68	8.08	2.3	2.029
857	7/27/2008 12:31	17	51.166	33.65	7.7	8.06	2.6	2.005
858	7/27/2008 12:46	17.12	51.087	33.6	8.22	8.12	4.6	2.013
859	7/27/2008 13:01	17.15	51.039	33.56	8.37	8.12	3.9	2.004
860	7/27/2008 13:16	17.06	50.974	33.51	8.26	8.11	4.5	2.015
861	7/27/2008 13:31	17.17	51.095	33.6	8.12	8.11	4.2	2.03
862	7/27/2008 13:46	17.11	51.104	33.61	7.97	8.1	4.4	2.054
863	7/27/2008 14:01	17.09	51.193	33.67	7.89	8.1	4.4	2.09
864	7/27/2008 14:16	17.05	51.099	33.6	7.97	8.1	5.1	2.125
865	7/27/2008 14:31	16.91	51.171	33.66	7.93	8.1	6	2.174
866	7/27/2008 14:46	16.91	51.204	33.68	7.93	8.1	4.9	2.234
867	7/27/2008 15:01	16.82	50.833	33.41	7.95	8.09	5.1	2.284
868	7/27/2008 15:16	16.6	51.11	33.61	7.89	8.08	4.8	2.337
869	7/27/2008 15:31	16.38	50.977	33.51	7.8	8.12	4.8	2.407
870	7/27/2008 15:46	15.97	51.022	33.53	7.71	8.1	4.5	2.462
871	7/27/2008 16:01	15.53	51.028	33.53	7.67	8.09	5.2	2.526
872	7/27/2008 16:16	15.33	51.353	33.76	7.65	8.01	5	2.597
873	7/27/2008 16:31	14.89	50.973	33.47	7.62	8.03	5.1	2.665
874	7/27/2008 16:46	14.67	51.054	33.53	7.62	8.07	4.6	2.731
875	7/27/2008 17:01	14.42	50.992	33.47	7.61	8.06	4.5	2.808
876	7/27/2008 17:16	14.22	51.08	33.53	7.61	8.06	4.6	2.878
877	7/27/2008 17:31	14.2	50.793	33.32	7.62	8.06	4.6	2.955
878	7/27/2008 17:46	13.62	50.945	33.41	7.85	8.05	5.4	3.03
879	7/27/2008 18:01	13.11	50.731	33.24	7.92	8.04	4.8	3.091
880	7/27/2008 18:16	12.94	50.805	33.29	7.99	8.04	4.2	3.164
881	7/27/2008 18:31	12.67	50.951	33.38	8.06	8.04	3.9	3.22
882	7/27/2008 18:46	12.54	51.054	33.45	8.1	8.03	3.7	3.271
883	7/27/2008 19:01	12.28	51.091	33.46	8.35	8.05	3.1	3.323
884	7/27/2008 19:16	12.17	51.013	33.4	8.4	8.05	3.2	3.362
885	7/27/2008 19:31	12.05	51.174	33.51	8.52	8	2.9	3.378
886	7/27/2008 19:46	12.7	51.267	33.61	7.91	7.99	2.8	3.393
887	7/27/2008 20:01	12.3	51.039	33.43	7.65	8.01	1.8	3.391
888	7/27/2008 20:16	12.26	51.231	33.57	8.2	7.99	2.5	3.361
889	7/27/2008 20:31	12.3	50.966	33.37	8.26	8.05	3.1	3.325
890	7/27/2008 20:46	12.71	51.006	33.42	8.23	8.06	3.7	3.259
891	7/27/2008 21:01	14.14	50.648	33.21	8.06	8.09	4.5	3.194
892	7/27/2008 21:16	14.72	50.804	33.34	8.21	8.08	4.6	3.119
893	7/27/2008 21:31	14.84	51	33.49	8.39	8.1	5.1	3.023
894	7/27/2008 21:46	14.74	50.989	33.48	8.3	8.09	5.4	2.929
895	7/27/2008 22:01	15.34	51.117	33.59	8.31	8.15	5.2	2.836
896	7/27/2008 22:16	15.18	50.911	33.43	8.12	8.12	5.9	2.732
897	7/27/2008 22:31	15.34	50.88	33.42	8.16	8.13	4.2	2.632
898	7/27/2008 22:46	15.73	50.963	33.48	8.27	8.15	4.4	2.526
899	7/27/2008 23:01	16.23	51.062	33.57	8.44	8.17	4.6	2.403

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
900	7/27/2008 23:16	16.34	51.365	33.79	8.18	8.16	4.2	2.301
901	7/27/2008 23:31	16.22	51.354	33.78	7.93	8.14	4	2.189
902	7/27/2008 23:46	16.27	51.099	33.59	7.89	8.1	7.7	2.053
903	7/28/2008 0:01	16.26	51.471	33.87	7.89	8.13	6.7	1.937
904	7/28/2008 0:16	16.21	51.215	33.68	7.53	8.14	5.1	1.823
905	7/28/2008 0:31	16.83	51.452	33.86	7.84	8.13	6.8	1.69
906	7/28/2008 0:46	16.71	51.342	33.78	7.81	8.1	6.7	1.562
907	7/28/2008 1:01	16.96	51.364	33.8	7.71	8.11	6.6	1.435
908	7/28/2008 1:16	17.16	51.463	33.87	7.64	8.11	5.7	1.314
909	7/28/2008 1:31	17.41	51.412	33.84	7.61	8.11	5.7	1.204
910	7/28/2008 1:46	17.5	51.495	33.9	7.59	8.11	5.3	1.101
911	7/28/2008 2:01	17.78	51.574	33.96	7.57	8.12	5.4	1.018
912	7/28/2008 2:16	17.92	51.392	33.83	7.54	8.12	5.2	0.954
913	7/28/2008 2:31	18.33	51.3	33.76	7.67	8.15	5.3	0.902
914	7/28/2008 2:46	18.22	51.289	33.75	7.54	8.13	4.8	0.879
915	7/28/2008 3:01	17.97	51.324	33.78	7.28	8.1	5.2	0.904
916	7/28/2008 3:16	18.43	51.538	33.94	7.75	8.16	5.1	0.904
917	7/28/2008 3:31	18.46	51.718	34.07	7.85	8.16	4.8	0.936
918	7/28/2008 3:46	18.33	51.238	33.72	7.82	8.15	5	1.005
919	7/28/2008 4:01	18.44	51.39	33.83	8.05	8.15	4.8	1.044
920	7/28/2008 4:16	18.38	51.286	33.75	8.03	8.14	5.2	1.105
921	7/28/2008 4:31	18.35	51.593	33.98	7.92	8.17	5	1.161
922	7/28/2008 4:46	18.59	51.509	33.92	7.65	8.15	6	1.219
923	7/28/2008 5:01	18.52	51.342	33.79	7.64	8.15	6.3	1.286
924	7/28/2008 5:16	18.44	51.191	33.68	7.63	8.11	5.7	1.353
925	7/28/2008 5:31	18.34	51.593	33.98	7.75	8.15	6.5	1.412
926	7/28/2008 5:46	18.15	51.289	33.75	7.84	8.14	6.1	1.492
927	7/28/2008 6:01	18.02	51.433	33.86	7.83	8.14	6	1.582
928	7/28/2008 6:16	17.92	51.506	33.91	7.83	8.14	6.3	1.655
929	7/28/2008 6:31	17.83	51.697	34.05	7.88	8.14	5.8	1.724
930	7/28/2008 6:46	17.47	51.601	33.98	7.87	8.12	6	1.811
931	7/28/2008 7:01	17.23	51.518	33.92	7.81	8.11	6.5	1.892
932	7/28/2008 7:16	17.06	51.557	33.94	7.75	8.14	6.6	1.971
933	7/28/2008 7:31	16.84	51.537	33.92	7.74	8.13	5.7	2.032
934	7/28/2008 7:46	16.82	51.467	33.87	7.69	8.13	5.5	2.105
935	7/28/2008 8:01	16.68	51.308	33.75	7.69	8.13	5.8	2.182
936	7/28/2008 8:16	16.46	51.4	33.82	7.63	8.12	5.6	2.232
937	7/28/2008 8:31	16.24	51.083	33.58	7.61	8.02	5.1	2.291
938	7/28/2008 8:46	16.09	51.247	33.7	7.55	8.1	5.1	2.344
939	7/28/2008 9:01	15.86	51.193	33.66	7.48	8.09	5.4	2.389
940	7/28/2008 9:16	15.7	51.329	33.75	7.42	8.09	5.2	2.428
941	7/28/2008 9:31	15.56	51.155	33.62	7.4	8.04	4.6	2.472
942	7/28/2008 9:46	15.46	51.348	33.76	7.35	8.04	4	2.496
943	7/28/2008 10:01	15.36	51.215	33.66	7.3	8.04	3.9	2.516
944	7/28/2008 10:16	15.24	51.19	33.64	7.11	8.02	2.8	2.542

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
945	7/28/2008 10:31	15.47	51.311	33.73	7.11	8.07	3.7	2.537
946	7/28/2008 10:46	15.43	51.374	33.78	7.15	8.03	3.8	2.525
947	7/28/2008 11:01	15.39	51.236	33.68	7.22	8.03	4.6	2.499
948	7/28/2008 11:16	15.54	51.233	33.68	7.3	8.08	5.1	2.476
949	7/28/2008 11:31	15.77	51.234	33.68	7.37	8.09	5.1	2.431
950	7/28/2008 11:46	15.95	51.241	33.69	7.5	8.1	5	2.382
951	7/28/2008 12:01	16.05	51.123	33.61	7.5	8.11	4.2	2.339
952	7/28/2008 12:16	16.26	51.176	33.65	7.68	8.12	4.6	2.292
953	7/28/2008 12:31	16.52	51.225	33.69	7.9	8.14	5.4	2.238
954	7/28/2008 12:46	16.73	51.328	33.77	7.99	8.11	4.6	2.193
955	7/28/2008 13:01	16.84	51.39	33.82	7.85	8.1	10.3	2.166
956	7/28/2008 13:16	16.96	51.423	33.84	7.76	8.09	4.2	2.127
957	7/28/2008 13:31	17.13	51.321	33.77	7.72	8.1	2.8	2.101
958	7/28/2008 13:46	17.25	51.386	33.82	7.61	8.08	1.8	2.098
959	7/28/2008 14:01	17.32	51.296	33.75	7.02	8.07	1.5	2.061
960	7/28/2008 14:16	17.53	51.259	33.73	6.5	8.05	1.1	2.06
961	7/28/2008 14:31	17.22	51.466	33.88	8.41	8.12	4.8	2.081
962	7/28/2008 14:46	17.57	51.318	33.77	8.39	8.09	4	2.083
963	7/28/2008 15:01	17.3	51.338	33.78	8.21	8.11	4	2.114
964	7/28/2008 15:16	17.43	51.187	33.67	8.06	8.07	4.3	2.144
965	7/28/2008 15:31	17.38	51.388	33.82	8.01	8.07	4.6	2.19
966	7/28/2008 15:46	17.1	51.465	33.88	7.89	8.13	4.5	2.228
967	7/28/2008 16:01	16.97	51.451	33.86	7.82	8.12	4.6	2.292
968	7/28/2008 16:16	16.62	51.279	33.73	7.73	8.11	5	2.345
969	7/28/2008 16:31	16.05	51.321	33.75	7.54	8.08	4.5	2.402
970	7/28/2008 16:46	15.67	51.288	33.72	7.43	8.03	5.2	2.475
971	7/28/2008 17:01	15.28	51.355	33.76	7.44	8.02	5.1	2.524
972	7/28/2008 17:16	15.21	51.103	33.58	7.48	8.06	5.6	2.603
973	7/28/2008 17:31	14.74	51.285	33.7	7.66	8.06	4.6	2.668
974	7/28/2008 17:46	14.43	51.39	33.77	7.67	8.06	5.8	2.749
975	7/28/2008 18:01	14.19	51.304	33.69	7.64	8.05	4.9	2.818
976	7/28/2008 18:16	13.97	51.372	33.74	7.64	8.05	5.1	2.89
977	7/28/2008 18:31	13.83	51.365	33.73	7.79	8.05	5.1	2.978
978	7/28/2008 18:46	13.23	51.253	33.62	8.2	8.06	5.9	3.052
979	7/28/2008 19:01	12.95	51.443	33.75	8.28	8.06	6.3	3.127
980	7/28/2008 19:16	12.62	51.339	33.66	8.45	8.07	5.1	3.195
981	7/28/2008 19:31	12.27	51.338	33.64	8.57	8.07	5.4	3.271
982	7/28/2008 19:46	11.99	51.278	33.59	8.77	8.08	4.9	3.33
983	7/28/2008 20:01	11.9	51.57	33.8	8.84	8.04	4.2	3.384
984	7/28/2008 20:16	11.83	51.503	33.74	8.92	8.05	3.5	3.429
985	7/28/2008 20:31	11.76	51.352	33.63	9.01	8.05	3.1	3.457
986	7/28/2008 20:46	11.73	51.56	33.78	8.84	8.04	1.8	3.482
987	7/28/2008 21:01	12.51	51.426	33.72	8.33	8.03	4.8	3.484
988	7/28/2008 21:16	11.96	51.461	33.72	8.63	8.03	2.9	3.453
989	7/28/2008 21:31	11.85	51.272	33.58	8.88	8.09	3.6	3.433

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
990	7/28/2008 21:46	12.02	51.352	33.64	8.85	8.09	3.6	3.371
991	7/28/2008 22:01	13.34	51.43	33.76	8.34	8.04	4.7	3.288
992	7/28/2008 22:16	13.69	51.338	33.7	8.27	8.11	6.1	3.201
993	7/28/2008 22:31	14.12	51.425	33.78	8.53	8.14	6.9	3.108
994	7/28/2008 22:46	14.44	51.319	33.71	8.44	8.13	4.5	3.015
995	7/28/2008 23:01	14.53	51.508	33.86	8.31	8.06	4.8	2.9
996	7/28/2008 23:16	14.68	51.461	33.82	8.07	8.04	6.4	2.791
997	7/28/2008 23:31	14.92	51.347	33.75	8.03	8.11	6	2.686
998	7/28/2008 23:46	15.53	51.515	33.89	8.14	8.09	4.8	2.56
999	7/29/2008 0:01	15.66	51.314	33.74	8.07	8.09	5.1	2.445
1000	7/29/2008 0:16	16.41	51.404	33.82	8.17	8.16	6.3	2.32
1001	7/29/2008 0:31	16.48	51.379	33.8	8.1	8.17	5.3	2.181
1002	7/29/2008 0:46	16.45	51.672	34.02	8.04	8.16	6.1	2.057
1003	7/29/2008 1:01	16.19	51.28	33.73	8.23	8.15	9.8	1.922
1004	7/29/2008 1:16	16.6	51.432	33.84	8.04	8.17	6.7	1.788
1005	7/29/2008 1:31	16.46	51.579	33.95	7.84	8.15	5.9	1.651
1006	7/29/2008 1:46	16.9	51.416	33.84	7.92	8.12	6.8	1.512
1007	7/29/2008 2:01	17	51.362	33.8	7.82	8.11	7.3	1.374
1008	7/29/2008 2:16	17.06	51.474	33.88	7.71	8.1	5.8	1.237
1009	7/29/2008 2:31	17.26	51.409	33.84	7.63	8.11	5.5	1.113
1010	7/29/2008 2:46	17.43	51.497	33.9	7.56	8.11	5.3	0.991
1011	7/29/2008 3:01	17.6	51.471	33.88	7.56	8.11	5.2	0.883
1012	7/29/2008 3:16	17.88	51.218	33.7	7.55	8.08	4.9	0.804
1013	7/29/2008 3:31	18.39	51.666	34.03	7.65	8.14	4.9	0.739
1014	7/29/2008 3:46	18.38	51.681	34.04	7.54	8.14	4.2	0.71
1015	7/29/2008 4:01	18.45	51.699	34.06	7.48	8.14	3.7	0.72
1016	7/29/2008 4:16	18.84	51.328	33.79	8.18	8.18	4.4	0.739
1017	7/29/2008 4:31	18.75	51.695	34.06	8.18	8.18	4.2	0.787
1018	7/29/2008 4:46	18.65	51.603	33.99	8.14	8.18	4.5	0.844
1019	7/29/2008 5:01	18.71	51.721	34.07	8.28	8.19	4.7	0.907
1020	7/29/2008 5:16	18.66	51.457	33.88	8.3	8.18	4.8	0.981
1021	7/29/2008 5:31	18.62	51.551	33.95	8.27	8.15	4.9	1.042
1022	7/29/2008 5:46	18.82	51.328	33.79	7.82	8.12	5.6	1.107
1023	7/29/2008 6:01	18.74	51.369	33.82	7.79	8.12	5.7	1.174
1024	7/29/2008 6:16	18.72	51.365	33.81	7.75	8.11	5.8	1.244
1025	7/29/2008 6:31	18.57	51.365	33.81	7.87	8.15	6.3	1.328
1026	7/29/2008 6:46	18.33	51.402	33.84	7.99	8.11	6.2	1.409
1027	7/29/2008 7:01	18.2	51.561	33.95	8	8.14	5.6	1.485
1028	7/29/2008 7:16	18.06	51.445	33.87	8.01	8.11	6	1.592
1029	7/29/2008 7:31	17.82	51.593	33.98	7.96	8.13	6.2	1.683
1030	7/29/2008 7:46	17.65	51.514	33.92	7.9	8.13	5.5	1.766
1031	7/29/2008 8:01	17.33	51.565	33.95	7.82	8.15	5.5	1.873
1032	7/29/2008 8:16	17.19	51.461	33.87	7.79	8.14	7	1.967
1033	7/29/2008 8:31	17.02	51.47	33.88	7.76	8.14	5.7	2.05
1034	7/29/2008 8:46	16.9	51.339	33.78	7.74	8.14	5.4	2.129

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1035	7/29/2008 9:01	16.73	51.481	33.88	7.71	8.13	5.6	2.214
1036	7/29/2008 9:16	16.45	51.454	33.86	7.59	8.12	6.5	2.295
1037	7/29/2008 9:31	16.28	51.376	33.8	7.5	8.11	6.1	2.355
1038	7/29/2008 9:46	15.82	51.255	33.7	7.55	8.1	6.3	2.416
1039	7/29/2008 10:01	15.64	51.495	33.87	7.52	8.03	6.7	2.472
1040	7/29/2008 10:16	15.33	51.501	33.87	7.5	8.02	5.7	2.537
1041	7/29/2008 10:31	14.86	51.424	33.8	7.56	8.01	4.6	2.584
1042	7/29/2008 10:46	14.5	51.164	33.6	7.6	8.07	3.8	2.611
1043	7/29/2008 11:01	14.34	51.461	33.81	7.68	8.01	3.6	2.659
1044	7/29/2008 11:16	14.23	51.382	33.75	7.7	8.07	3	2.672
1045	7/29/2008 11:31	14.55	51.413	33.79	7.63	8.07	2.8	2.68
1046	7/29/2008 11:46	14.19	51.172	33.6	7.54	8.06	4	2.678
1047	7/29/2008 12:01	14.27	51.44	33.8	7.63	8.07	4	2.645
1048	7/29/2008 12:16	14.38	51.339	33.73	7.63	8.07	4.6	2.625
1049	7/29/2008 12:31	14.82	51.249	33.67	7.59	8.08	4.9	2.559
1050	7/29/2008 12:46	15.59	51.479	33.86	7.74	8.06	6.1	2.5
1051	7/29/2008 13:01	16.02	51.069	33.57	7.85	8.12	5.5	2.451
1052	7/29/2008 13:16	16.48	51.314	33.76	8.17	8.15	6.5	2.383
1053	7/29/2008 13:31	16.71	51.308	33.75	8.08	8.15	5.1	2.323
1054	7/29/2008 13:46	17.15	51.415	33.84	8.4	8.17	5	2.273
1055	7/29/2008 14:01	17.34	50.349	33.06	8.36	8.09	4.5	2.237
1056	7/29/2008 14:16	17.34	51.436	33.86	8.31	8.13	4.3	2.171
1057	7/29/2008 14:31	17.72	51.46	33.88	8.79	8.16	4.8	2.132
1058	7/29/2008 14:46	17.85	51.472	33.89	8.46	8.16	3.1	2.127
1059	7/29/2008 15:01	17.92	51.257	33.73	7.79	8.12	2	2.085
1060	7/29/2008 15:16	18.15	51.225	33.71	8.2	8.13	2	2.054
1061	7/29/2008 15:31	18.34	51.407	33.84	8.37	8.15	4.7	2.064
1062	7/29/2008 15:46	18.39	51.332	33.79	9.68	8.2	4.5	2.079
1063	7/29/2008 16:01	18.14	51.369	33.81	9.01	8.17	4	2.089
1064	7/29/2008 16:16	18.23	51.388	33.83	9.18	8.18	4.5	2.108
1065	7/29/2008 16:31	18.21	51.21	33.7	8.91	8.12	4.5	2.153
1066	7/29/2008 16:46	18.02	51.013	33.55	8.91	8.11	4.4	2.209
1067	7/29/2008 17:01	17.76	51.178	33.67	8.66	8.09	4.6	2.252
1068	7/29/2008 17:16	17.89	51.319	33.77	8.68	8.17	4.2	2.306
1069	7/29/2008 17:31	17.19	51.244	33.71	8.35	8.14	4.6	2.389
1070	7/29/2008 17:46	16.59	50.402	33.09	8.07	8.09	4.9	2.448
1071	7/29/2008 18:01	16.01	51.546	33.92	7.94	8.05	4.2	2.519
1072	7/29/2008 18:16	15.27	51.43	33.82	7.87	8.02	4.4	2.591
1073	7/29/2008 18:31	15	51.287	33.71	7.96	8.08	5.1	2.671
1074	7/29/2008 18:46	14.5	51.182	33.61	7.97	8.08	4.9	2.755
1075	7/29/2008 19:01	14.19	51.326	33.71	7.98	8.07	5.1	2.828
1076	7/29/2008 19:16	13.61	51.362	33.72	8.03	8.06	5.2	2.922
1077	7/29/2008 19:31	13.34	51.464	33.78	8.26	8.02	6	3.004
1078	7/29/2008 19:46	13.07	51.515	33.81	8.56	8.04	6	3.094
1079	7/29/2008 20:01	12.89	51.197	33.57	9.02	8.11	6.2	3.181

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1080	7/29/2008 20:16	12.55	51.471	33.75	9.29	8.12	6	3.256
1081	7/29/2008 20:31	12.37	51.284	33.61	9.47	8.13	5.8	3.344
1082	7/29/2008 20:46	12.19	51.433	33.71	9.68	8.1	5.1	3.409
1083	7/29/2008 21:01	12.1	51.228	33.56	9.88	8.16	4.6	3.474
1084	7/29/2008 21:16	12.03	51.497	33.75	10.18	8.14	3.7	3.526
1085	7/29/2008 21:31	11.98	51.501	33.75	10.23	8.14	3.7	3.566
1086	7/29/2008 21:46	11.94	51.254	33.57	10.22	8.18	4.2	3.595
1087	7/29/2008 22:01	12.2	51.308	33.62	9.87	8.17	4.5	3.598
1088	7/29/2008 22:16	12.2	51.405	33.69	9.73	8.12	4	3.598
1089	7/29/2008 22:31	12.06	51.384	33.67	10.07	8.17	3.7	3.551
1090	7/29/2008 22:46	12.16	51.142	33.5	10.15	8.18	5	3.497
1091	7/29/2008 23:01	14.44	51.455	33.81	8.28	8.13	4.7	3.428
1092	7/29/2008 23:16	13.25	51.38	33.72	8.84	8.12	5.4	3.326
1093	7/29/2008 23:31	13.74	51.402	33.75	9.03	8.1	6	3.221
1094	7/29/2008 23:46	14.33	51.448	33.8	8.73	8.09	5.6	3.111
1095	7/30/2008 0:01	14.15	51.467	33.81	8.59	8.07	7.1	2.998
1096	7/30/2008 0:16	14.61	51.373	33.76	8.36	8.06	5.9	2.877
1097	7/30/2008 0:31	15	51.281	33.7	8.21	8.13	8.6	2.75
1098	7/30/2008 0:46	15.49	51.199	33.65	8.26	8.1	6.3	2.626
1099	7/30/2008 1:01	16.03	51.531	33.91	8.2	8.15	5.9	2.495
1100	7/30/2008 1:16	16.23	51.274	33.72	8.2	8.15	8	2.352
1101	7/30/2008 1:31	16.5	50.893	33.45	8.3	8.15	7.1	2.211
1102	7/30/2008 1:46	16.61	51.289	33.74	8.41	8.17	6	2.076
1103	7/30/2008 2:01	16.21	51.487	33.88	8.35	8.11	6	1.928
1104	7/30/2008 2:16	16.42	51.309	33.75	8.24	8.16	6.1	1.78
1105	7/30/2008 2:31	16.8	51.377	33.81	8.19	8.16	6.3	1.637
1106	7/30/2008 2:46	17	51.053	33.57	8.07	8.15	7.2	1.481
1107	7/30/2008 3:01	17.24	51.358	33.8	7.92	8.15	6.3	1.33
1108	7/30/2008 3:16	17.6	51.373	33.81	7.91	8.15	6.8	1.176
1109	7/30/2008 3:31	17.85	51.355	33.8	7.85	8.12	6.5	1.04
1110	7/30/2008 3:46	18.04	51.203	33.69	7.79	8.12	6.3	0.902
1111	7/30/2008 4:01	18.39	51.462	33.88	7.81	8.13	7.3	0.767
1112	7/30/2008 4:16	18.58	51.396	33.83	7.66	8.09	5.6	0.693
1113	7/30/2008 4:31	18.86	51.732	34.08	7.6	8.13	4.4	0.607
1114	7/30/2008 4:46	19.51	51.628	34.01	7.97	8.15	4.9	0.582
1115	7/30/2008 5:01	18.75	51.607	33.99	7.7	8.13	5.7	0.609
1116	7/30/2008 5:16	19.41	51.461	33.88	8.03	8.14	4.2	0.624
1117	7/30/2008 5:31	19.29	51.545	33.95	8.26	8.15	4.3	0.708
1118	7/30/2008 5:46	19.33	51.746	34.09	8.46	8.19	4.5	0.784
1119	7/30/2008 6:01	19.25	51.503	33.91	8.39	8.18	4.8	0.849
1120	7/30/2008 6:16	19.22	51.505	33.92	8.43	8.15	4.6	0.909
1121	7/30/2008 6:31	19.49	51.539	33.94	8.16	8.16	5.4	0.995
1122	7/30/2008 6:46	19.45	51.44	33.87	8.06	8.15	5.7	1.075
1123	7/30/2008 7:01	19.4	51.497	33.91	8	8.14	5.3	1.132
1124	7/30/2008 7:16	19.25	51.488	33.9	8.03	8.14	6	1.22

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1125	7/30/2008 7:31	19.12	51.394	33.83	8.11	8.11	5.7	1.315
1126	7/30/2008 7:46	18.83	51.287	33.76	8.18	8.11	6	1.421
1127	7/30/2008 8:01	18.59	51.38	33.82	8.18	8.11	5.2	1.507
1128	7/30/2008 8:16	18.17	51.376	33.82	8.09	8.08	5.6	1.613
1129	7/30/2008 8:31	18.08	51.51	33.92	8.04	8.12	5.9	1.738
1130	7/30/2008 8:46	17.82	51.315	33.77	7.98	8.15	6.3	1.829
1131	7/30/2008 9:01	17.68	51.439	33.86	7.95	8.14	6.6	1.929
1132	7/30/2008 9:16	17.53	51.396	33.83	7.91	8.14	6.8	2.028
1133	7/30/2008 9:31	17.41	51.354	33.8	7.89	8.14	6.7	2.123
1134	7/30/2008 9:46	17.08	51.44	33.86	7.81	8.12	6.4	2.216
1135	7/30/2008 10:01	16.79	51.51	33.9	7.69	8.11	7.4	2.297
1136	7/30/2008 10:16	16.39	51.265	33.72	7.68	8.07	6.5	2.37
1137	7/30/2008 10:31	15.99	51.135	33.61	7.78	8.06	7.3	2.449
1138	7/30/2008 10:46	15.4	51.363	33.77	7.89	8.09	7.2	2.528
1139	7/30/2008 11:01	14.72	51.136	33.59	8.1	8.09	7.4	2.581
1140	7/30/2008 11:16	14.4	51.216	33.64	8.16	8.08	5.6	2.643
1141	7/30/2008 11:31	14.19	51.253	33.66	8.24	8.09	6.3	2.709
1142	7/30/2008 11:46	14.03	51.266	33.66	8.27	8.1	5.1	2.744
1143	7/30/2008 12:01	13.96	51.204	33.61	8.28	8.1	3.3	2.784
1144	7/30/2008 12:16	13.93	50.84	33.35	8.06	8.08	2.9	2.804
1145	7/30/2008 12:31	14.26	51.397	33.77	8.24	8.05	4	2.81
1146	7/30/2008 12:46	14.03	51.264	33.66	8.12	8.09	5.3	2.79
1147	7/30/2008 13:01	13.99	51.199	33.61	8.15	8.09	5.2	2.753
1148	7/30/2008 13:16	14.14	51.723	34	8.11	7.99	12.2	2.694
1149	7/30/2008 13:31	14.5	51.711	34	8.3	8.11	7.8	2.622
1150	7/30/2008 13:46	15.11	51.622	33.95	8.34	8.12	7.7	2.553
1151	7/30/2008 14:01	15.83	51.762	34.07	8.33	8.1	5.4	2.485
1152	7/30/2008 14:16	16.07	51.764	34.08	8.22	8.1	4.3	2.406
1153	7/30/2008 14:31	16.56	51.698	34.04	8.37	8.15	4.3	2.336
1154	7/30/2008 14:46	16.85	51.762	34.09	8.37	8.15	5	2.268
1155	7/30/2008 15:01	17.11	51.796	34.12	8.79	8.18	4.2	2.215
1156	7/30/2008 15:16	17.38	51.809	34.13	9.06	8.2	5.6	2.147
1157	7/30/2008 15:31	17.54	51.818	34.14	9.12	8.2	8.2	2.094
1158	7/30/2008 15:46	17.68	51.822	34.14	9.46	8.18	4.1	2.055
1159	7/30/2008 16:01	17.82	51.83	34.15	9.3	8.19	3.6	2.019
1160	7/30/2008 16:16	17.97	51.812	34.14	9.88	8.22	5.5	1.986
1161	7/30/2008 16:31	18.18	51.856	34.17	9.75	8.22	3.8	1.975
1162	7/30/2008 16:46	18.11	51.845	34.16	9.4	8.21	3.1	1.971
1163	7/30/2008 17:01	18.07	51.84	34.16	9.73	8.21	4.5	1.98
1164	7/30/2008 17:16	18.19	51.176	33.67	9.31	8.18	4.1	2.002
1165	7/30/2008 17:31	18.11	51.467	33.88	9.06	8.13	4.9	2.048
1166	7/30/2008 17:46	18.06	51.073	33.59	8.82	8.18	5.5	2.101
1167	7/30/2008 18:01	17.82	51.494	33.9	8.57	8.17	5.8	2.152
1168	7/30/2008 18:16	17.88	51.693	34.05	8.56	8.17	6.8	2.225
1169	7/30/2008 18:31	17.44	51.592	33.97	8.44	8.15	6.7	2.298

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	7/30/2008 18:46	17.15	51.786	34.11	8.44	8.09	8	2.361
1171	7/30/2008 19:01	16.77	51.6	33.97	8.34	8.09	6.8	2.443
1172	7/30/2008 19:16	15.71	51.279	33.72	8.31	8.1	8	2.523
1173	7/30/2008 19:31	15.11	51.406	33.8	8.27	7.99	7	2.604
1174	7/30/2008 19:46	14.94	50.439	33.08	8.3	8.11	7.6	2.693
1175	7/30/2008 20:01	14.74	50.228	32.92	8.37	7.99	8.4	2.787
1176	7/30/2008 20:16	14.13	51.749	34.02	8.42	8.09	8.1	2.878
1177	7/30/2008 20:31	13.69	51.686	33.96	8.52	8.05	8.6	2.976
1178	7/30/2008 20:46	13.27	51.756	33.99	8.73	8.06	10.1	3.072
1179	7/30/2008 21:01	12.87	51.669	33.91	9.12	8.08	9.8	3.169
1180	7/30/2008 21:16	12.59	51.662	33.9	9.36	8.09	10.3	3.264
1181	7/30/2008 21:31	12.34	51.647	33.87	9.56	8.13	8.9	3.347
1182	7/30/2008 21:46	12.16	51.575	33.81	9.78	8.11	7.8	3.43
1183	7/30/2008 22:01	12.03	51.723	33.91	9.87	8.12	6.8	3.508
1184	7/30/2008 22:16	11.99	51.07	33.44	9.84	8.2	6.2	3.564
1185	7/30/2008 22:31	12	51.623	33.84	9.78	8.14	5.4	3.609
1186	7/30/2008 22:46	11.93	51.73	33.91	9.67	8.11	4.5	3.644
1187	7/30/2008 23:01	11.96	51.711	33.9	9.12	8.12	3.2	3.663
1188	7/30/2008 23:16	12.19	51.268	33.59	9.47	8.03	4.7	3.644
1189	7/30/2008 23:31	12.19	51.715	33.92	9.37	8.13	4.6	3.599
1190	7/30/2008 23:46	12.73	51.561	33.83	8.97	8.12	3.6	3.548
1191	7/31/2008 0:01	13.52	51.626	33.91	8.25	8.09	6	3.465
1192	7/31/2008 0:16	13.64	51.672	33.95	8.13	8.02	5.1	3.353
1193	7/31/2008 0:31	13.63	51.355	33.71	8.68	8.12	8.4	3.23
1194	7/31/2008 0:46	14.01	51.614	33.92	8.78	8.14	11.2	3.122
1195	7/31/2008 1:01	14.01	51.666	33.95	8.61	8.08	10.9	2.997
1196	7/31/2008 1:16	13.94	51.689	33.97	8.59	8.08	9.9	2.854
1197	7/31/2008 1:31	14.26	51.691	33.98	8.45	8.07	8.4	2.729
1198	7/31/2008 1:46	14.91	51.677	33.99	8.18	8.06	7.1	2.587
1199	7/31/2008 2:01	15.25	51.578	33.92	8.06	8.11	6.8	2.452
1200	7/31/2008 2:16	15.7	51.695	34.02	7.81	8.11	8.2	2.298
1201	7/31/2008 2:31	15.76	51.427	33.83	7.87	8.08	9.9	2.152
1202	7/31/2008 2:46	15.88	51.675	34.01	8	8.07	8.7	2.003
1203	7/31/2008 3:01	15.89	51.526	33.9	7.96	8.09	7.1	1.837
1204	7/31/2008 3:16	15.89	51.605	33.96	7.85	8.08	7	1.687
1205	7/31/2008 3:31	16.17	51.632	33.98	7.73	8.08	7	1.529
1206	7/31/2008 3:46	16.16	51.517	33.9	7.5	8.06	6.6	1.365
1207	7/31/2008 4:01	16.63	51.648	34	7.44	8.08	8.9	1.204
1208	7/31/2008 4:16	16.81	51.665	34.02	7.34	8.05	7.3	1.046
1209	7/31/2008 4:31	17.16	51.606	33.98	7.35	8.12	10.1	0.89
1210	7/31/2008 4:46	17.29	51.826	34.14	7.19	8.1	15	0.738
1211	7/31/2008 5:01	17.56	51.845	34.16	7.23	8.12	7.3	0.626
1212	7/31/2008 5:16	17.77	51.934	34.23	7.32	8.07	15.7	0.528
1213	7/31/2008 5:31	17.89	51.414	33.84	6.79	8.11	4.5	0.457
1214	7/31/2008 5:46	17.45	51.877	34.18	7.07	8.1	8.4	0.47

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	7/31/2008 6:01	18.12	51.49	33.9	7.49	8.11	5.3	0.495
1216	7/31/2008 6:16	18.53	51.953	34.25	7.67	8.13	5.2	0.567
1217	7/31/2008 6:31	18.45	52.057	34.32	7.87	8.15	5.4	0.662
1218	7/31/2008 6:46	18.57	52.07	34.33	7.98	8.16	5.6	0.743
1219	7/31/2008 7:01	18.55	52.041	34.31	7.99	8.2	5.6	0.814
1220	7/31/2008 7:16	18.45	52.006	34.28	7.9	8.16	5.8	0.912
1221	7/31/2008 7:31	18.52	51.796	34.13	7.61	8.13	6.9	0.983
1222	7/31/2008 7:46	18.52	51.175	33.67	7.55	8.16	7.3	1.054
1223	7/31/2008 8:01	18.44	51.4	33.84	7.56	8.15	7.5	1.15
1224	7/31/2008 8:16	18.28	51.399	33.84	7.82	8.17	7.4	1.251
1225	7/31/2008 8:31	18.03	51.406	33.84	7.79	8.16	7	1.341
1226	7/31/2008 8:46	17.87	51.546	33.94	7.74	8.15	6.8	1.456
1227	7/31/2008 9:01	17.64	51.435	33.86	7.73	8.12	8.1	1.567
1228	7/31/2008 9:16	17.31	51.442	33.86	7.71	8.1	8.1	1.685
1229	7/31/2008 9:31	17.21	51.438	33.86	7.68	8.1	8.4	1.807
1230	7/31/2008 9:46	17.16	51.331	33.78	7.59	8.09	6.7	1.918
1231	7/31/2008 10:01	16.95	51.465	33.87	7.59	8.11	7.3	2.029
1232	7/31/2008 10:16	16.74	51.371	33.8	7.55	8.09	7.8	2.126
1233	7/31/2008 10:31	16.55	50.745	33.34	7.56	8.08	8.2	2.224
1234	7/31/2008 10:46	16.3	50.624	33.25	7.58	8.11	10.3	2.316
1235	7/31/2008 11:01	15.83	51.605	33.96	7.61	8.09	9.6	2.402
1236	7/31/2008 11:16	15.16	50.519	33.15	7.84	8.1	10.1	2.486
1237	7/31/2008 11:31	14.59	50.322	32.99	8.02	8.05	11	2.565
1238	7/31/2008 11:46	14.18	50.218	32.9	8.12	7.98	10.4	2.632
1239	7/31/2008 12:01	13.95	50.322	32.97	8.18	8.12	10.1	2.706
1240	7/31/2008 12:16	13.69	50.237	32.9	8.26	7.98	9.8	2.764
1241	7/31/2008 12:31	13.46	51.431	33.76	8.22	8.05	7.7	2.814
1242	7/31/2008 12:46	13.36	51.7	33.96	8.13	7.98	6	2.848
1243	7/31/2008 13:01	13.26	51.099	33.51	8.03	8.03	3.9	2.875
1244	7/31/2008 13:16	13.51	51.365	33.72	8.08	8.07	6.7	2.874
1245	7/31/2008 13:31	13.34	51.455	33.78	8.12	8.04	9.4	2.84
1246	7/31/2008 13:46	13.45	51.682	33.95	7.97	7.97	12.3	2.795
1247	7/31/2008 14:01	13.82	51.351	33.72	8.2	8.05	10.6	2.731
1248	7/31/2008 14:16	14.46	51.269	33.68	8.38	8.12	9.2	2.654
1249	7/31/2008 14:31	15.26	51.332	33.74	8.62	8.1	8.5	2.558
1250	7/31/2008 14:46	15.53	51.702	34.02	8.47	8.11	10.3	2.467
1251	7/31/2008 15:01	16.13	51.615	33.97	8.73	8.12	8.1	2.395
1252	7/31/2008 15:16	16.48	51.706	34.04	8.58	8.13	7.2	2.316
1253	7/31/2008 15:31	16.93	51.52	33.91	8.84	8.16	9.2	2.224
1254	7/31/2008 15:46	17.37	51.313	33.77	9.24	8.22	6.6	2.156
1255	7/31/2008 16:01	17.52	51.386	33.82	9.33	8.22	6.8	2.095
1256	7/31/2008 16:16	17.68	51.415	33.84	9.83	8.24	5.9	2.018
1257	7/31/2008 16:31	17.81	51.377	33.82	10	8.26	6	1.957
1258	7/31/2008 16:46	17.8	51.52	33.92	10.29	8.27	4.5	1.909
1259	7/31/2008 17:01	18.01	51.444	33.87	10.44	8.28	6.1	1.87

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1260	7/31/2008 17:16	18.33	51.539	33.94	10.73	8.27	4.8	1.831
1261	7/31/2008 17:31	18.45	51.375	33.82	10.12	8.21	2.7	1.803
1262	7/31/2008 17:46	18.58	51.626	34	10.83	8.28	4	1.807
1263	7/31/2008 18:01	18.37	51.404	33.84	10.64	8.28	5.1	1.826
1264	7/31/2008 18:16	18.39	51.461	33.88	10.36	8.28	4.4	1.854
1265	7/31/2008 18:31	18.45	51.598	33.98	9.85	8.25	5.7	1.896
1266	7/31/2008 18:46	18.72	51.588	33.98	9.57	8.21	6.9	1.958
1267	7/31/2008 19:01	18.35	51.449	33.87	9.46	8.15	5.9	2.033
1268	7/31/2008 19:16	18.56	51.573	33.97	9.3	8.22	7.6	2.106
1269	7/31/2008 19:31	18.07	51.29	33.75	9.08	8.19	6.8	2.191
1270	7/31/2008 19:46	17.69	51.383	33.82	9.01	8.16	7.1	2.271
1271	7/31/2008 20:01	17.2	51.308	33.76	8.82	8.13	8.4	2.356
1272	7/31/2008 20:16	16.07	51.252	33.7	8.38	8.06	7.5	2.447
1273	7/31/2008 20:31	15.75	51.245	33.69	8.25	8.11	7.6	2.538
1274	7/31/2008 20:46	15.5	51.283	33.71	8.27	8.06	8.5	2.634
1275	7/31/2008 21:01	15.11	51.359	33.76	8.29	8.06	8.1	2.726
1276	7/31/2008 21:16	14.48	51.244	33.66	8.3	8.06	8.8	2.825
1277	7/31/2008 21:31	13.97	51.293	33.68	8.4	8.06	10.4	2.932
1278	7/31/2008 21:46	13.34	51.289	33.65	8.5	8.06	8.8	3.035
1279	7/31/2008 22:01	13.03	51.203	33.58	8.54	8.06	10.1	3.137
1280	7/31/2008 22:16	12.77	50.861	33.32	8.76	8.09	9.6	3.241
1281	7/31/2008 22:31	12.61	51.323	33.65	8.98	8.09	8.9	3.332
1282	7/31/2008 22:46	12.55	51.258	33.6	9.09	8.1	7.9	3.408
1283	7/31/2008 23:01	12.49	51.361	33.67	9.2	8.1	6	3.483
1284	7/31/2008 23:16	12.47	51.183	33.54	9.18	8.1	5.7	3.551
1285	7/31/2008 23:31	12.42	50.828	33.28	9.16	8.12	4	3.597
1286	7/31/2008 23:46	12.5	51.035	33.43	9.07	8.12	3.5	3.62
1287	8/1/2008 0:01	12.96	51.121	33.52	8.58	8.12	4.2	3.633
1288	8/1/2008 0:16	12.71	51.349	33.67	8.94	8.09	6.3	3.615
1289	8/1/2008 0:31	12.72	51.063	33.46	9.02	8.12	5.7	3.564
1290	8/1/2008 0:46	13.93	51.636	33.93	8.09	8.07	59.5	3.493
1291	8/1/2008 1:01	13.92	51.415	33.77	8.08	8.12	4.1	3.398
1292	8/1/2008 1:16	13.91	51.315	33.69	7.86	8.03	5.2	3.291
1293	8/1/2008 1:31	13.87	51.324	33.7	8.4	8.08	7.1	3.171
1294	8/1/2008 1:46	13.86	51.194	33.6	8.65	8.09	8.7	3.045
1295	8/1/2008 2:01	14.21	50.597	33.18	8.36	8.01	7.4	2.908
1296	8/1/2008 2:16	14.37	51.279	33.68	8.31	8.12	7.1	2.775
1297	8/1/2008 2:31	14.85	50.4	33.05	8.22	8.13	6.6	2.639
1298	8/1/2008 2:46	15.38	51.752	34.06	8.08	8.07	7.4	2.497
1299	8/1/2008 3:01	15.73	50.484	33.13	8.04	8.03	9	2.35
1300	8/1/2008 3:16	15.98	51.559	33.93	7.93	8.13	8.9	2.195
1301	8/1/2008 3:31	15.79	51.421	33.82	8.03	8.08	7.2	2.035
1302	8/1/2008 3:46	15.76	51.015	33.52	7.94	8.12	8.4	1.878
1303	8/1/2008 4:01	15.96	50.521	33.16	7.86	8.03	7.1	1.711
1304	8/1/2008 4:16	16.14	51.44	33.84	7.78	8.03	7.4	1.553

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	8/1/2008 4:31	16.28	51.293	33.74	7.68	8.06	7.4	1.386
1306	8/1/2008 4:46	16.62	50.539	33.19	7.65	8.04	7.6	1.222
1307	8/1/2008 5:01	16.8	51.246	33.71	7.64	8.09	7.1	1.049
1308	8/1/2008 5:16	17.19	50.654	33.28	7.68	8.12	8.3	0.887
1309	8/1/2008 5:31	17.38	51.529	33.92	7.61	8.12	7.6	0.752
1310	8/1/2008 5:46	17.5	51.09	33.6	7.51	8.12	6.2	0.618
1311	8/1/2008 6:01	17.72	51.904	34.2	7.5	8.12	7.4	0.519
1312	8/1/2008 6:16	17.65	50.648	33.28	7.34	8.1	5.2	0.436
1313	8/1/2008 6:31	17.64	52.001	34.28	7.15	8.09	6	0.422
1314	8/1/2008 6:46	18.16	51.585	33.97	7.74	8.15	6	0.454
1315	8/1/2008 7:01	17.92	51.732	34.08	7.73	8.16	5.6	0.529
1316	8/1/2008 7:16	18.36	51.562	33.96	8.07	8.2	5.3	0.638
1317	8/1/2008 7:31	18.46	52.007	34.29	8.15	8.18	5	0.732
1318	8/1/2008 7:46	18.43	50.672	33.3	8.2	8.19	5.5	0.83
1319	8/1/2008 8:01	18.54	51.76	34.1	7.87	8.19	6.5	0.908
1320	8/1/2008 8:16	18.72	50.766	33.37	7.68	8.21	7.2	0.983
1321	8/1/2008 8:31	18.65	51.105	33.62	7.64	8.09	7.6	1.074
1322	8/1/2008 8:46	18.49	51.904	34.21	7.73	8.14	12.8	1.173
1323	8/1/2008 9:01	18.21	51.308	33.77	7.89	8.17	7	1.27
1324	8/1/2008 9:16	18.03	51.493	33.9	7.85	8.09	7	1.379
1325	8/1/2008 9:31	17.89	51.204	33.69	7.87	8.14	7.5	1.498
1326	8/1/2008 9:46	17.54	51.885	34.19	7.84	8.12	7.8	1.617
1327	8/1/2008 10:01	17.39	51.306	33.76	7.81	8.11	9.1	1.746
1328	8/1/2008 10:16	17.31	51.736	34.08	7.76	8.11	8.4	1.863
1329	8/1/2008 10:31	17.26	51.881	34.18	7.73	8.1	9.3	1.986
1330	8/1/2008 10:46	16.98	51.416	33.84	7.72	8.09	9.7	2.099
1331	8/1/2008 11:01	16.72	50.454	33.13	7.72	8.09	10	2.203
1332	8/1/2008 11:16	16.49	51.207	33.68	7.66	8.08	11.1	2.301
1333	8/1/2008 11:31	16.09	51.259	33.71	7.67	8.1	12.8	2.401
1334	8/1/2008 11:46	15.45	51.603	33.95	7.82	8.09	11.7	2.49
1335	8/1/2008 12:01	14.85	51.088	33.56	8.02	8.09	12	2.575
1336	8/1/2008 12:16	14.47	51.146	33.59	8.17	8.09	11	2.665
1337	8/1/2008 12:31	14.27	50.392	33.03	8.27	7.99	9.8	2.742
1338	8/1/2008 12:46	14.19	51.202	33.62	8.29	8.1	8.7	2.813
1339	8/1/2008 13:01	13.82	51.234	33.63	8.32	8.06	9.4	2.883
1340	8/1/2008 13:16	13.58	51.143	33.56	8.39	8.06	12.1	2.925
Mean		15.58	51.31	33.73	8.04	8.10	5.75	2.18
Minimum		11.73	49.87	32.64	5.32	7.88	0.50	0.42
Maximum		19.51	52.07	34.33	10.83	8.30	59.50	3.66
Standard Dev.		1.67	0.26	0.20	0.72	0.07	2.83	0.68

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

		SpCond	Salinity	DO Conc			Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
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					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	8/1/2008 13:46	13.22	51.216	33.6	8.48	8.08	4	3.048
1	8/1/2008 14:01	13.42	51.288	33.66	8.43	8.1	4.9	3.028
2	8/1/2008 14:16	13.41	51.262	33.64	8.47	8.12	7.3	2.998
3	8/1/2008 14:31	13.54	51.257	33.64	8.45	8.13	7.9	2.952
4	8/1/2008 14:46	14.37	51.276	33.68	8.58	8.16	10.1	2.872
5	8/1/2008 15:01	14.93	51.297	33.71	8.8	8.18	9.9	2.775
6	8/1/2008 15:16	15.37	51.311	33.73	8.93	8.19	9.6	2.683
7	8/1/2008 15:31	15.72	51.315	33.74	8.99	8.2	9.8	2.583
8	8/1/2008 15:46	16.37	51.343	33.77	9.29	8.23	8.8	2.493
9	8/1/2008 16:01	16.75	51.362	33.79	9.39	8.24	9.2	2.401
10	8/1/2008 16:16	17.2	51.379	33.81	9.46	8.25	8.8	2.302
11	8/1/2008 16:31	17.59	51.396	33.83	9.72	8.26	7.4	2.233
12	8/1/2008 16:46	17.8	51.404	33.84	10.03	8.28	7.3	2.145
13	8/1/2008 17:01	17.93	51.357	33.8	11.04	8.33	5.6	2.063
14	8/1/2008 17:16	18.03	51.401	33.84	10.8	8.31	5.7	1.994
15	8/1/2008 17:31	18.27	51.38	33.82	11.07	8.34	4.7	1.918
16	8/1/2008 17:46	18.55	51.406	33.84	11.2	8.35	4.4	1.862
17	8/1/2008 18:01	18.87	51.437	33.87	11.61	8.38	4.5	1.815
18	8/1/2008 18:16	19.11	51.414	33.85	11.41	8.37	3.4	1.766
19	8/1/2008 18:31	18.95	51.493	33.91	11.11	8.35	3.1	1.758
20	8/1/2008 18:46	18.96	51.44	33.87	11.82	8.38	4.2	1.766
21	8/1/2008 19:01	18.89	51.459	33.88	11.44	8.36	4.8	1.787
22	8/1/2008 19:16	18.88	51.468	33.89	11.01	8.33	5.4	1.819
23	8/1/2008 19:31	19.01	51.472	33.89	10.58	8.31	5.7	1.874
24	8/1/2008 19:46	19.03	51.497	33.91	10.36	8.3	6.2	1.956
25	8/1/2008 20:01	19.11	51.466	33.89	10.02	8.28	8.1	2.035
26	8/1/2008 20:16	19.22	51.445	33.87	9.77	8.26	7.4	2.122
27	8/1/2008 20:31	18.5	51.449	33.87	9.8	8.25	7.9	2.208
28	8/1/2008 20:46	17.98	51.397	33.83	9.59	8.23	7.4	2.303
29	8/1/2008 21:01	16.95	51.384	33.81	9.12	8.18	8.6	2.39
30	8/1/2008 21:16	16.56	51.332	33.77	8.73	8.17	7.7	2.474
31	8/1/2008 21:31	16.14	51.317	33.75	8.67	8.17	7.7	2.569
32	8/1/2008 21:46	15.97	51.319	33.75	8.66	8.17	7.8	2.666
33	8/1/2008 22:01	15.38	51.303	33.73	8.67	8.16	8.1	2.761
34	8/1/2008 22:16	14.98	51.3	33.71	8.67	8.16	8.1	2.862
35	8/1/2008 22:31	14.54	51.291	33.7	8.74	8.16	9.8	2.965
36	8/1/2008 22:46	13.96	51.28	33.67	8.85	8.16	9.8	3.072
37	8/1/2008 23:01	13.41	51.272	33.64	8.99	8.17	8.9	3.172
38	8/1/2008 23:16	13.13	51.285	33.64	9.11	8.18	8.5	3.265
39	8/1/2008 23:31	12.98	51.257	33.62	9.26	8.19	7.1	3.357
40	8/1/2008 23:46	12.89	51.249	33.61	9.4	8.2	5.8	3.437
41	8/2/2008 0:01	12.87	51.26	33.61	9.41	8.2	4.3	3.507
42	8/2/2008 0:16	12.86	51.237	33.6	9.42	8.2	4.3	3.565
43	8/2/2008 0:31	12.86	51.241	33.6	9.36	8.2	2.6	3.602
44	8/2/2008 0:46	12.83	51.26	33.61	9.19	8.2	1.8	3.626

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	8/2/2008 1:01	13.02	51.277	33.63	9.16	8.19	3.4	3.614
46	8/2/2008 1:16	12.98	51.223	33.59	9.32	8.2	4.4	3.586
47	8/2/2008 1:31	12.88	51.248	33.61	9.44	8.2	4	3.519
48	8/2/2008 1:46	13.29	51.25	33.62	9.18	8.2	4.9	3.435
49	8/2/2008 2:01	14.07	51.269	33.67	8.45	8.16	5.8	3.338
50	8/2/2008 2:16	14.05	51.256	33.66	8.59	8.16	6.5	3.218
51	8/2/2008 2:31	14.47	51.282	33.69	8.79	8.19	9.8	3.089
52	8/2/2008 2:46	14.52	51.279	33.69	8.72	8.18	9.4	2.96
53	8/2/2008 3:01	14.43	51.21	33.63	8.73	8.18	7.4	2.83
54	8/2/2008 3:16	15.32	51.305	33.73	8.35	8.17	6.8	2.698
55	8/2/2008 3:31	15.63	51.303	33.73	8.38	8.18	7.8	2.553
56	8/2/2008 3:46	16.28	51.328	33.76	8.01	8.16	6.6	2.414
57	8/2/2008 4:01	16.09	51.317	33.75	7.97	8.16	7.5	2.271
58	8/2/2008 4:16	15.76	51.301	33.73	8.05	8.15	6.5	2.114
59	8/2/2008 4:31	15.85	51.329	33.76	7.95	8.15	9.6	1.952
60	8/2/2008 4:46	16.24	51.34	33.77	8.03	8.17	9.5	1.79
61	8/2/2008 5:01	16.63	51.338	33.78	7.97	8.17	8.1	1.648
62	8/2/2008 5:16	16.55	51.351	33.78	7.78	8.14	7.6	1.472
63	8/2/2008 5:31	16.88	51.396	33.82	7.73	8.15	7.7	1.31
64	8/2/2008 5:46	17.39	51.424	33.85	7.65	8.16	8.7	1.15
65	8/2/2008 6:01	17.39	51.421	33.85	7.67	8.16	7.5	1
66	8/2/2008 6:16	17.53	51.412	33.84	7.65	8.16	7.7	0.85
67	8/2/2008 6:31	17.89	51.467	33.88	7.68	8.17	7.9	0.712
68	8/2/2008 6:46	18.03	51.479	33.89	7.62	8.17	6.3	0.629
69	8/2/2008 7:01	18.04	51.478	33.89	7.26	8.16	7.3	0.566
70	8/2/2008 7:16	17.86	51.499	33.91	7.41	8.15	7	0.542
71	8/2/2008 7:31	18.84	51.604	33.99	7.58	8.2	6.3	0.604
72	8/2/2008 7:46	19.08	51.63	34.01	7.56	8.21	5.6	0.687
73	8/2/2008 8:01	19.04	51.576	33.97	7.68	8.21	5.9	0.769
74	8/2/2008 8:16	19.11	51.623	34	7.77	8.21	6	0.882
75	8/2/2008 8:31	19	51.592	33.98	7.76	8.2	5.6	0.974
76	8/2/2008 8:46	19.31	51.509	33.92	7.52	8.19	7.6	1.061
77	8/2/2008 9:01	19.29	51.524	33.93	7.34	8.17	6.8	1.146
78	8/2/2008 9:16	19.07	51.51	33.92	7.51	8.17	7	1.237
79	8/2/2008 9:31	18.87	51.521	33.93	7.7	8.18	7.1	1.344
80	8/2/2008 9:46	18.53	51.502	33.91	7.76	8.17	6.7	1.43
81	8/2/2008 10:01	18.39	51.484	33.9	7.76	8.17	6.5	1.545
82	8/2/2008 10:16	18.07	51.474	33.89	7.79	8.17	7.6	1.672
83	8/2/2008 10:31	17.88	51.435	33.86	7.85	8.16	8.9	1.787
84	8/2/2008 10:46	17.76	51.435	33.86	7.84	8.16	7.7	1.905
85	8/2/2008 11:01	17.62	51.419	33.85	7.82	8.15	8.4	2.024
86	8/2/2008 11:16	17.43	51.401	33.83	7.84	8.15	9.9	2.144
87	8/2/2008 11:31	17.25	51.381	33.81	7.84	8.14	9.5	2.25
88	8/2/2008 11:46	17.01	51.34	33.78	7.76	8.14	9.6	2.354
89	8/2/2008 12:01	16.75	51.302	33.75	7.8	8.13	11.8	2.453

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	8/2/2008 12:16	16.29	51.268	33.72	7.88	8.13	11.6	2.549
91	8/2/2008 12:31	15.35	51.242	33.68	8.03	8.12	12.2	2.653
92	8/2/2008 12:46	14.99	51.229	33.66	8.11	8.12	11	2.729
93	8/2/2008 13:01	14.62	51.23	33.65	8.21	8.13	9.3	2.821
94	8/2/2008 13:16	14.38	51.199	33.62	8.23	8.13	9.1	2.905
95	8/2/2008 13:31	14.13	51.201	33.62	8.24	8.13	8.8	2.979
96	8/2/2008 13:46	13.85	51.178	33.59	8.23	8.13	7.1	3.045
97	8/2/2008 14:01	13.49	51.233	33.62	8.28	8.14	5.4	3.095
98	8/2/2008 14:16	13.22	51.237	33.61	8.29	8.15	3.3	3.132
99	8/2/2008 14:31	13.26	51.174	33.57	8.02	8.12	2.3	3.138
100	8/2/2008 14:46	13.41	51.219	33.61	8.28	8.12	5.4	3.113
101	8/2/2008 15:01	13.4	51.207	33.6	8.36	8.15	7	3.075
102	8/2/2008 15:16	13.73	51.207	33.61	8.33	8.14	9.3	3.001
103	8/2/2008 15:31	14.73	51.234	33.66	8.7	8.18	10.5	2.906
104	8/2/2008 15:46	15.52	51.236	33.68	8.93	8.2	10.8	2.804
105	8/2/2008 16:01	15.69	51.252	33.7	8.82	8.19	10	2.705
106	8/2/2008 16:16	15.96	51.27	33.71	8.9	8.19	9.8	2.6
107	8/2/2008 16:31	16.43	51.274	33.72	9.07	8.21	9.2	2.488
108	8/2/2008 16:46	17.17	51.307	33.76	9.91	8.27	9.6	2.404
109	8/2/2008 17:01	17.28	51.271	33.73	10.42	8.3	8.1	2.302
110	8/2/2008 17:16	17.49	51.315	33.77	10.59	8.31	6.8	2.205
111	8/2/2008 17:31	17.86	51.349	33.8	10.27	8.3	6	2.113
112	8/2/2008 17:46	18.04	51.332	33.79	10.47	8.31	6.1	2.022
113	8/2/2008 18:01	18.07	51.356	33.8	10.85	8.33	5.3	1.945
114	8/2/2008 18:16	18.28	51.239	33.72	11.28	8.35	5.5	1.863
115	8/2/2008 18:31	18.19	51.345	33.8	11.34	8.36	5.2	1.787
116	8/2/2008 18:46	18.63	51.359	33.81	11.81	8.4	5.2	1.724
117	8/2/2008 19:01	18.91	51.434	33.86	10.49	8.33	5.4	1.676
118	8/2/2008 19:16	19	51.441	33.87	11.27	8.39	5.1	1.645
119	8/2/2008 19:31	19.62	51.404	33.84	10.52	8.36	3.6	1.643
120	8/2/2008 19:46	19.46	51.506	33.92	10.62	8.35	4.2	1.654
121	8/2/2008 20:01	19.72	51.549	33.95	9.98	8.32	4.8	1.692
122	8/2/2008 20:16	19.42	51.495	33.91	10.05	8.3	4.9	1.743
123	8/2/2008 20:31	19.59	51.514	33.92	9.75	8.29	5.8	1.806
124	8/2/2008 20:46	19.43	51.498	33.91	9.68	8.28	6.9	1.898
125	8/2/2008 21:01	19.69	51.457	33.88	9.37	8.26	7.8	1.983
126	8/2/2008 21:16	19.24	51.435	33.86	9.44	8.24	8.7	2.077
127	8/2/2008 21:31	18.83	51.396	33.84	9.44	8.24	7.7	2.176
128	8/2/2008 21:46	18.29	51.359	33.81	9.26	8.22	7.8	2.262
129	8/2/2008 22:01	17.33	51.307	33.76	8.69	8.17	6.9	2.347
130	8/2/2008 22:16	17	51.286	33.74	8.59	8.16	7.7	2.44
131	8/2/2008 22:31	16.62	51.289	33.74	8.53	8.16	7.9	2.535
132	8/2/2008 22:46	16.31	51.253	33.71	8.55	8.16	8	2.62
133	8/2/2008 23:01	15.8	51.251	33.7	8.47	8.15	8.4	2.718
134	8/2/2008 23:16	15.5	51.228	33.67	8.45	8.15	7.5	2.82

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	8/2/2008 23:31	14.92	51.202	33.64	8.55	8.15	9	2.917
136	8/2/2008 23:46	14.36	51.206	33.63	8.6	8.14	12.4	3.012
137	8/3/2008 0:01	13.82	51.179	33.59	8.7	8.15	8.4	3.111
138	8/3/2008 0:16	13.57	51.183	33.59	8.83	8.16	12.3	3.207
139	8/3/2008 0:31	13.45	51.18	33.58	8.91	8.17	7.2	3.289
140	8/3/2008 0:46	13.38	51.227	33.61	8.86	8.17	4.8	3.356
141	8/3/2008 1:01	13.36	51.184	33.58	8.91	8.19	3.8	3.428
142	8/3/2008 1:16	13.29	51.215	33.6	8.84	8.19	3.9	3.473
143	8/3/2008 1:31	13.22	51.23	33.61	8.81	8.18	2.9	3.489
144	8/3/2008 1:46	13.65	51.23	33.62	8.65	8.18	3.7	3.495
145	8/3/2008 2:01	13.3	51.161	33.56	8.81	8.17	3.6	3.481
146	8/3/2008 2:16	13.53	51.183	33.58	8.74	8.17	6.3	3.426
147	8/3/2008 2:31	13.47	51.189	33.59	8.8	8.17	4.6	3.352
148	8/3/2008 2:46	14.68	51.206	33.64	8.13	8.15	5.6	3.253
149	8/3/2008 3:01	14.67	51.237	33.66	7.99	8.14	6.5	3.152
150	8/3/2008 3:16	14.59	51.23	33.65	8.23	8.15	5.9	3.038
151	8/3/2008 3:31	14.92	51.241	33.67	8.27	8.15	7.3	2.903
152	8/3/2008 3:46	15.08	51.266	33.69	8.16	8.15	7.2	2.776
153	8/3/2008 4:01	15.82	51.278	33.72	7.85	8.14	6	2.647
154	8/3/2008 4:16	16.03	51.299	33.74	7.87	8.15	6.8	2.526
155	8/3/2008 4:31	16.64	51.344	33.78	7.65	8.15	7.8	2.386
156	8/3/2008 4:46	17.12	51.396	33.82	7.43	8.14	6.5	2.245
157	8/3/2008 5:01	16.94	51.427	33.85	7.46	8.14	7.5	2.104
158	8/3/2008 5:16	16.59	51.374	33.8	7.74	8.14	6.6	1.962
159	8/3/2008 5:31	16.57	51.373	33.8	7.41	8.12	6.5	1.812
160	8/3/2008 5:46	16.74	51.393	33.82	7.5	8.13	7.6	1.662
161	8/3/2008 6:01	17.07	51.412	33.84	7.43	8.14	7.4	1.519
162	8/3/2008 6:16	17.19	51.432	33.85	7.26	8.13	7.4	1.37
163	8/3/2008 6:31	17.4	51.432	33.85	7.29	8.13	7.2	1.217
164	8/3/2008 6:46	17.82	51.457	33.88	7.38	8.15	8.2	1.081
165	8/3/2008 7:01	17.89	51.48	33.89	7.45	8.15	12.2	0.963
166	8/3/2008 7:16	17.97	51.482	33.9	7.43	8.15	10.7	0.858
167	8/3/2008 7:31	18.24	51.509	33.92	7.39	8.16	8	0.78
168	8/3/2008 7:46	18.44	51.505	33.92	7.18	8.16	5.7	0.738
169	8/3/2008 8:01	18.38	51.684	34.05	7.01	8.15	5.8	0.733
170	8/3/2008 8:16	18.55	51.584	33.97	7.39	8.17	6.3	0.759
171	8/3/2008 8:31	18.52	51.526	33.93	7.42	8.16	5.4	0.833
172	8/3/2008 8:46	18.82	51.598	33.98	7.44	8.18	5.9	0.914
173	8/3/2008 9:01	18.89	51.598	33.98	7.47	8.18	5.9	1.006
174	8/3/2008 9:16	18.81	51.597	33.98	7.51	8.18	6.2	1.106
175	8/3/2008 9:31	18.95	51.548	33.95	7.23	8.17	8	1.204
176	8/3/2008 9:46	19	51.535	33.94	7.07	8.16	7.4	1.293
177	8/3/2008 10:01	18.71	51.547	33.95	7.32	8.16	7.3	1.396
178	8/3/2008 10:16	18.48	51.517	33.92	7.37	8.16	7.3	1.507
179	8/3/2008 10:31	18.41	51.509	33.92	7.4	8.16	7	1.607

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
180	8/3/2008 10:46	18.04	51.479	33.89	7.43	8.15	7.8	1.722
181	8/3/2008 11:01	17.73	51.443	33.86	7.51	8.14	8	1.838
182	8/3/2008 11:16	17.62	51.427	33.85	7.51	8.14	8.5	1.955
183	8/3/2008 11:31	17.58	51.427	33.85	7.51	8.14	8.5	2.064
184	8/3/2008 11:46	17.38	51.406	33.83	7.52	8.13	8.7	2.171
185	8/3/2008 12:01	17.12	51.389	33.82	7.56	8.13	10.6	2.284
186	8/3/2008 12:16	16.97	51.342	33.78	7.58	8.13	11	2.384
187	8/3/2008 12:31	16.48	51.293	33.74	7.67	8.12	11.8	2.48
188	8/3/2008 12:46	16.11	51.271	33.72	7.78	8.12	9.4	2.579
189	8/3/2008 13:01	15.42	51.233	33.68	7.94	8.12	9.9	2.674
190	8/3/2008 13:16	14.89	51.211	33.65	8.08	8.12	10.1	2.77
191	8/3/2008 13:31	14.59	51.202	33.63	8.16	8.13	9.9	2.858
192	8/3/2008 13:46	14.37	51.196	33.62	8.21	8.13	9	2.95
193	8/3/2008 14:01	14.1	51.183	33.6	8.18	8.13	7.9	3.026
194	8/3/2008 14:16	13.94	51.141	33.57	8.11	8.12	7.1	3.094
195	8/3/2008 14:31	13.61	51.201	33.6	8.1	8.12	5.4	3.149
196	8/3/2008 14:46	13.46	51.198	33.59	8.06	8.12	3.6	3.182
197	8/3/2008 15:01	13.42	51.185	33.58	7.79	8.11	2.6	3.199
198	8/3/2008 15:16	13.75	51.193	33.6	7.68	8.11	3.4	3.176
199	8/3/2008 15:31	13.55	51.16	33.57	8.09	8.12	7.1	3.131
200	8/3/2008 15:46	13.78	51.166	33.58	8.15	8.13	7.1	3.074
201	8/3/2008 16:01	14.58	51.222	33.65	8.43	8.16	8.3	2.991
202	8/3/2008 16:16	15.34	51.218	33.66	8.66	8.18	10.3	2.881
203	8/3/2008 16:31	15.64	51.249	33.69	8.64	8.18	10.3	2.778
204	8/3/2008 16:46	15.95	51.241	33.69	8.8	8.2	8.7	2.688
205	8/3/2008 17:01	16.43	51.25	33.71	9.23	8.24	7.8	2.579
206	8/3/2008 17:16	16.54	51.288	33.74	9.53	8.26	5.7	2.46
207	8/3/2008 17:31	16.92	51.255	33.72	9.74	8.26	5.7	2.371
208	8/3/2008 17:46	16.94	51.251	33.72	10.11	8.28	4.8	2.28
209	8/3/2008 18:01	17.18	51.283	33.74	10.1	8.28	5.2	2.183
210	8/3/2008 18:16	17.42	51.271	33.74	10.05	8.28	5.5	2.07
211	8/3/2008 18:31	17.34	51.282	33.74	10.18	8.28	5.6	1.986
212	8/3/2008 18:46	17.51	51.295	33.75	10.21	8.29	5.1	1.898
213	8/3/2008 19:01	17.7	51.319	33.77	9.89	8.28	5.3	1.807
214	8/3/2008 19:16	17.88	51.311	33.77	9.94	8.29	5.7	1.718
215	8/3/2008 19:31	18.06	51.334	33.79	9.8	8.29	5.7	1.653
216	8/3/2008 19:46	18.46	51.416	33.85	9.37	8.27	5.7	1.597
217	8/3/2008 20:01	18.65	51.416	33.85	9.39	8.28	5.6	1.558
218	8/3/2008 20:16	19.2	51.392	33.83	8.99	8.27	3.9	1.539
219	8/3/2008 20:31	19.47	51.459	33.88	8.74	8.26	3.7	1.546
220	8/3/2008 20:46	19.38	51.522	33.93	9.14	8.27	5.9	1.591
221	8/3/2008 21:01	19.1	51.484	33.9	9.12	8.25	6.2	1.629
222	8/3/2008 21:16	19.12	51.474	33.89	9.1	8.25	6.2	1.686
223	8/3/2008 21:31	19.03	51.459	33.88	9.02	8.24	6.3	1.768
224	8/3/2008 21:46	19.23	51.46	33.88	8.81	8.23	7.9	1.873

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	8/3/2008 22:01	19.14	51.423	33.86	8.81	8.22	8.1	1.952
226	8/3/2008 22:16	18.75	51.402	33.84	8.92	8.22	7	2.032
227	8/3/2008 22:31	18.54	51.35	33.8	8.96	8.22	6.5	2.131
228	8/3/2008 22:46	17.97	51.338	33.79	8.76	8.19	7.5	2.217
229	8/3/2008 23:01	17.52	51.312	33.77	8.49	8.17	6.5	2.303
230	8/3/2008 23:16	17.3	51.322	33.77	8.37	8.17	6.3	2.382
231	8/3/2008 23:31	16.91	51.314	33.76	8.34	8.16	6.9	2.463
232	8/3/2008 23:46	16.62	51.302	33.75	8.3	8.15	7	2.556
233	8/4/2008 0:01	16.25	51.274	33.72	8.29	8.15	7.6	2.645
234	8/4/2008 0:16	15.94	51.272	33.72	8.29	8.15	7.3	2.733
235	8/4/2008 0:31	15.73	51.242	33.69	8.24	8.15	7.3	2.816
236	8/4/2008 0:46	14.93	51.224	33.66	8.27	8.13	7.1	2.909
237	8/4/2008 1:01	14.43	51.211	33.63	8.3	8.13	6.6	2.992
238	8/4/2008 1:16	14.08	51.192	33.61	8.36	8.13	7.9	3.069
239	8/4/2008 1:31	13.89	51.196	33.61	8.35	8.14	6.7	3.14
240	8/4/2008 1:46	13.63	51.207	33.61	8.39	8.14	5.2	3.203
241	8/4/2008 2:01	13.67	51.163	33.57	8.34	8.14	4.7	3.247
242	8/4/2008 2:16	13.59	51.202	33.6	8.37	8.15	3.1	3.273
243	8/4/2008 2:31	13.98	51.207	33.62	7.85	8.13	1.3	3.288
244	8/4/2008 2:46	13.82	51.203	33.61	8.18	8.14	3.7	3.281
245	8/4/2008 3:01	13.73	51.181	33.59	8.3	8.14	4.3	3.244
246	8/4/2008 3:16	13.68	51.193	33.6	8.32	8.15	4.1	3.188
247	8/4/2008 3:31	14.76	51.223	33.65	7.89	8.16	4.8	3.103
248	8/4/2008 3:46	14.58	51.193	33.62	7.98	8.14	6.7	3.009
249	8/4/2008 4:01	15.26	51.245	33.68	7.56	8.11	7.1	2.907
250	8/4/2008 4:16	15.38	51.236	33.68	7.6	8.12	7.8	2.794
251	8/4/2008 4:31	15.52	51.234	33.68	7.66	8.13	5.6	2.681
252	8/4/2008 4:46	16.11	51.276	33.72	7.46	8.13	5.5	2.556
253	8/4/2008 5:01	16.72	51.328	33.77	7.25	8.13	5.4	2.447
254	8/4/2008 5:16	17.12	51.36	33.8	7.11	8.13	5.6	2.328
255	8/4/2008 5:31	17.13	51.367	33.8	7.06	8.12	5.3	2.209
256	8/4/2008 5:46	17.06	51.35	33.79	6.99	8.11	6.2	2.069
257	8/4/2008 6:01	16.75	51.332	33.77	7.21	8.11	8.6	1.947
258	8/4/2008 6:16	16.68	51.329	33.77	6.95	8.09	6.7	1.821
259	8/4/2008 6:31	16.71	51.337	33.78	6.92	8.09	6.3	1.679
260	8/4/2008 6:46	16.78	51.347	33.78	6.81	8.09	6.5	1.55
261	8/4/2008 7:01	17.13	51.405	33.83	6.98	8.11	7.9	1.428
262	8/4/2008 7:16	17.05	51.401	33.83	6.91	8.09	6.9	1.299
263	8/4/2008 7:31	17.33	51.456	33.87	6.89	8.1	6.5	1.189
264	8/4/2008 7:46	17.52	51.465	33.88	6.98	8.11	6.2	1.095
265	8/4/2008 8:01	17.61	51.441	33.86	7.03	8.12	5.7	1.012
266	8/4/2008 8:16	17.91	51.477	33.89	6.9	8.13	4.5	0.965
267	8/4/2008 8:31	17.88	51.476	33.89	6.81	8.12	3.8	0.953
268	8/4/2008 8:46	17.62	51.49	33.9	6.57	8.09	3.1	0.952
269	8/4/2008 9:01	18	51.489	33.9	6.96	8.13	4.2	0.988

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	8/4/2008 9:16	18.2	51.534	33.93	7.03	8.14	4.3	1.059
271	8/4/2008 9:31	18.33	51.553	33.95	6.99	8.14	4.9	1.132
272	8/4/2008 9:46	18.34	51.547	33.95	7.01	8.14	4.9	1.229
273	8/4/2008 10:01	18.31	51.52	33.92	6.94	8.13	6.1	1.324
274	8/4/2008 10:16	18.4	51.493	33.91	6.78	8.12	6.6	1.418
275	8/4/2008 10:31	18.18	51.491	33.9	6.88	8.12	6.7	1.527
276	8/4/2008 10:46	18.05	51.477	33.89	6.86	8.12	6.7	1.611
277	8/4/2008 11:01	17.98	51.469	33.89	6.85	8.12	6.4	1.718
278	8/4/2008 11:16	17.94	51.465	33.88	6.87	8.12	6.3	1.824
279	8/4/2008 11:31	17.71	51.453	33.87	6.97	8.12	7.5	1.933
280	8/4/2008 11:46	17.46	51.406	33.84	7.12	8.11	7.7	2.027
281	8/4/2008 12:01	17.37	51.383	33.82	7.15	8.11	7.6	2.134
282	8/4/2008 12:16	17.1	51.364	33.8	7.2	8.11	9.3	2.24
283	8/4/2008 12:31	16.86	51.331	33.77	7.23	8.1	8.4	2.341
284	8/4/2008 12:46	16.74	51.328	33.77	7.27	8.11	9.6	2.438
285	8/4/2008 13:01	16.37	51.252	33.71	7.38	8.1	10.4	2.527
286	8/4/2008 13:16	15.87	51.216	33.67	7.46	8.1	9.5	2.634
287	8/4/2008 13:31	15.31	51.219	33.66	7.55	8.1	10.1	2.724
288	8/4/2008 13:46	14.68	51.194	33.63	7.6	8.09	9.3	2.814
289	8/4/2008 14:01	14.44	51.174	33.61	7.61	8.11	8.4	2.905
290	8/4/2008 14:16	13.97	51.191	33.61	7.62	8.09	8.9	2.992
291	8/4/2008 14:31	13.72	51.167	33.58	7.57	8.09	7.9	3.071
292	8/4/2008 14:46	13.61	51.167	33.57	7.53	8.09	6.8	3.14
293	8/4/2008 15:01	13.41	51.244	33.62	7.48	8.1	5.3	3.197
294	8/4/2008 15:16	13.29	51.29	33.65	7.48	8.09	3.5	3.227
295	8/4/2008 15:31	13.4	51.186	33.58	6.94	8.06	1.1	3.254
296	8/4/2008 15:46	13.75	51.246	33.64	7.18	8.08	2.9	3.245
297	8/4/2008 16:01	13.4	51.201	33.59	7.53	8.1	5.1	3.21
298	8/4/2008 16:16	13.4	51.182	33.58	7.58	8.1	5.6	3.149
299	8/4/2008 16:31	14.02	51.173	33.59	7.73	8.12	7.6	3.076
300	8/4/2008 16:46	14.23	51.173	33.6	7.86	8.12	8.7	2.982
301	8/4/2008 17:01	14.94	51.19	33.63	8.15	8.15	8.4	2.88
302	8/4/2008 17:16	15.04	51.183	33.63	8.28	8.17	5.4	2.766
303	8/4/2008 17:31	15.76	51.198	33.66	8.18	8.16	6.5	2.658
304	8/4/2008 17:46	16.05	51.245	33.7	8.07	8.16	7.5	2.565
305	8/4/2008 18:01	16.79	51.292	33.74	8.25	8.19	7.4	2.464
306	8/4/2008 18:16	17.14	51.326	33.77	8.49	8.2	7.1	2.35
307	8/4/2008 18:31	17.1	51.291	33.75	8.22	8.18	6.7	2.262
308	8/4/2008 18:46	17.17	51.301	33.76	8.24	8.18	6.3	2.168
309	8/4/2008 19:01	17.01	51.318	33.77	8.55	8.19	5.4	2.064
310	8/4/2008 19:16	16.98	51.298	33.75	8.58	8.2	6.5	1.957
311	8/4/2008 19:31	16.59	51.267	33.72	8.75	8.2	5.4	1.875
312	8/4/2008 19:46	16.45	51.253	33.71	8.86	8.2	4.9	1.783
313	8/4/2008 20:01	16.96	51.322	33.77	8.53	8.2	6	1.695
314	8/4/2008 20:16	17.15	51.352	33.79	8.4	8.2	5.9	1.625

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	8/4/2008 20:31	17.39	51.361	33.8	8.2	8.19	5.6	1.578
316	8/4/2008 20:46	17.7	51.417	33.85	8	8.18	5.1	1.529
317	8/4/2008 21:01	17.91	51.41	33.84	7.87	8.18	4.6	1.508
318	8/4/2008 21:16	18.19	51.418	33.85	7.59	8.17	3.3	1.516
319	8/4/2008 21:31	18.05	51.45	33.87	7.77	8.17	6.1	1.537
320	8/4/2008 21:46	18.06	51.439	33.86	7.93	8.17	3.4	1.565
321	8/4/2008 22:01	17.97	51.459	33.88	7.89	8.17	5	1.623
322	8/4/2008 22:16	18.11	51.488	33.9	7.88	8.18	5.6	1.707
323	8/4/2008 22:31	17.94	51.439	33.86	7.88	8.17	5.7	1.782
324	8/4/2008 22:46	18.1	51.424	33.85	7.82	8.16	7.3	1.871
325	8/4/2008 23:01	17.95	51.403	33.84	7.86	8.16	6.3	1.956
326	8/4/2008 23:16	17.7	50.785	33.38	7.91	8.16	5.7	2.037
327	8/4/2008 23:31	17.58	51.369	33.81	7.91	8.16	5.6	2.118
328	8/4/2008 23:46	17.19	51.324	33.77	7.86	8.15	6	2.2
329	8/5/2008 0:01	16.91	51.308	33.76	7.75	8.13	5.3	2.277
330	8/5/2008 0:16	16.73	51.276	33.73	7.66	8.13	4.7	2.348
331	8/5/2008 0:31	16.55	51.279	33.73	7.64	8.12	5.3	2.431
332	8/5/2008 0:46	16.27	51.246	33.7	7.65	8.12	14.5	2.503
333	8/5/2008 1:01	15.97	51.239	33.69	7.63	8.11	14.6	2.579
334	8/5/2008 1:16	15.76	51.196	33.66	7.62	8.11	7.1	2.662
335	8/5/2008 1:31	15.53	51.201	33.65	7.59	8.11	5.4	2.731
336	8/5/2008 1:46	14.99	51.166	33.62	7.66	8.1	5.6	2.803
337	8/5/2008 2:01	14.68	51.183	33.62	7.63	8.12	7.2	2.877
338	8/5/2008 2:16	14.31	51.188	33.61	7.65	8.11	4.6	2.94
339	8/5/2008 2:31	14.01	51.261	33.66	7.64	8.11	3.9	2.995
340	8/5/2008 2:46	13.65	51.138	33.56	7.71	8.1	2.7	3.041
341	8/5/2008 3:01	13.53	51.166	33.57	7.58	8.1	2	3.065
342	8/5/2008 3:16	13.52	51.17	33.57	7.33	8.08	1.8	3.085
343	8/5/2008 3:31	13.9	51.22	33.62	6.84	8.06	1	3.078
344	8/5/2008 3:46	13.66	51.221	33.62	6.73	8.05	1.6	3.049
345	8/5/2008 4:01	13.71	51.175	33.58	7.58	8.11	4	2.995
346	8/5/2008 4:16	14.57	51.193	33.62	7.39	8.11	4.6	2.934
347	8/5/2008 4:31	15.11	51.259	33.69	7.17	8.1	6	2.849
348	8/5/2008 4:46	15.25	51.248	33.68	7.17	8.09	5.4	2.747
349	8/5/2008 5:01	15.33	51.236	33.68	7.11	8.08	5.4	2.65
350	8/5/2008 5:16	15.61	51.266	33.7	7	8.08	5.5	2.556
351	8/5/2008 5:31	16.13	51.313	33.75	6.84	8.08	6	2.453
352	8/5/2008 5:46	16.57	51.356	33.79	6.41	8.05	5.6	2.347
353	8/5/2008 6:01	16.58	51.332	33.77	6.45	8.06	5.8	2.244
354	8/5/2008 6:16	16.66	51.35	33.78	6.35	8.05	5.9	2.151
355	8/5/2008 6:31	16.58	51.371	33.8	6.36	8.05	5.4	2.038
356	8/5/2008 6:46	16.43	51.347	33.78	6.43	8.05	5.5	1.922
357	8/5/2008 7:01	16.19	51.321	33.76	6.43	8.04	5.2	1.82
358	8/5/2008 7:16	16.29	51.341	33.77	6.42	8.04	5.2	1.711
359	8/5/2008 7:31	16.46	51.351	33.78	6.46	8.05	4.6	1.607

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	8/5/2008 7:46	16.5	51.359	33.79	6.45	8.05	4.8	1.503
361	8/5/2008 8:01	16.7	51.367	33.8	6.45	8.05	4.3	1.409
362	8/5/2008 8:16	16.81	51.388	33.81	6.5	8.06	4.7	1.332
363	8/5/2008 8:31	16.97	51.407	33.83	6.48	8.07	4.1	1.263
364	8/5/2008 8:46	17.16	51.39	33.82	6.49	8.07	4.3	1.227
365	8/5/2008 9:01	17.28	51.43	33.85	6.3	8.07	2.8	1.205
366	8/5/2008 9:16	17.34	51.443	33.86	5.97	8.05	1.8	1.192
367	8/5/2008 9:31	17.26	51.446	33.86	6.47	8.07	3.8	1.234
368	8/5/2008 9:46	17.51	51.487	33.9	6.42	8.08	3.4	1.272
369	8/5/2008 10:01	17.55	51.458	33.87	6.43	8.08	4.1	1.322
370	8/5/2008 10:16	17.62	51.501	33.91	6.35	8.08	4	1.406
371	8/5/2008 10:31	17.55	51.49	33.9	6.38	8.07	4.2	1.488
372	8/5/2008 10:46	17.6	51.427	33.85	6.27	8.06	5.6	1.582
373	8/5/2008 11:01	17.58	51.417	33.84	6.24	8.06	6	1.667
374	8/5/2008 11:16	17.42	51.4	33.83	6.34	8.06	5.6	1.756
375	8/5/2008 11:31	17.27	51.402	33.83	6.4	8.06	5.7	1.854
376	8/5/2008 11:46	17.21	51.402	33.83	6.42	8.06	5.4	1.941
377	8/5/2008 12:01	17.18	51.396	33.83	6.44	8.06	5.5	2.034
378	8/5/2008 12:16	16.94	51.356	33.79	6.63	8.07	6.5	2.128
379	8/5/2008 12:31	16.78	51.331	33.77	6.75	8.07	6.5	2.224
380	8/5/2008 12:46	16.57	51.316	33.76	6.84	8.07	7.3	2.318
381	8/5/2008 13:01	16.39	51.27	33.72	6.88	8.09	7.8	2.405
382	8/5/2008 13:16	16.16	51.239	33.69	6.98	8.08	8.2	2.497
383	8/5/2008 13:31	15.98	51.229	33.68	7.06	8.08	8.5	2.586
384	8/5/2008 13:46	15.39	51.152	33.62	7.23	8.07	8.6	2.683
385	8/5/2008 14:01	15.04	51.15	33.61	7.3	8.07	9.2	2.775
386	8/5/2008 14:16	14.42	51.126	33.57	7.34	8.07	8.6	2.859
387	8/5/2008 14:31	13.78	51.105	33.54	7.39	8.06	7.6	2.953
388	8/5/2008 14:46	13.63	51.108	33.53	7.37	8.08	7.4	3.037
389	8/5/2008 15:01	13.15	51.141	33.54	7.39	8.07	6.6	3.111
390	8/5/2008 15:16	13.01	51.146	33.54	7.35	8.07	5.6	3.174
391	8/5/2008 15:31	12.77	51.174	33.55	7.31	8.06	4.4	3.228
392	8/5/2008 15:46	12.67	51.165	33.54	7.3	8.05	3.1	3.264
393	8/5/2008 16:01	12.57	51.168	33.53	6.83	8.02	0.6	3.273
394	8/5/2008 16:16	12.79	51.166	33.54	7.06	8.03	3.8	3.261
395	8/5/2008 16:31	12.7	51.132	33.51	7.13	8.04	4.6	3.227
396	8/5/2008 16:46	12.79	51.133	33.52	7.23	8.05	5.8	3.178
397	8/5/2008 17:01	13.64	51.136	33.55	7.52	8.09	7.1	3.1
398	8/5/2008 17:16	14.33	51.135	33.58	7.71	8.11	7	3.005
399	8/5/2008 17:31	14.71	51.157	33.6	7.74	8.13	7.5	2.911
400	8/5/2008 17:46	14.94	51.146	33.6	7.82	8.13	6	2.818
401	8/5/2008 18:01	15.4	51.154	33.62	7.78	8.12	6.5	2.714
402	8/5/2008 18:16	15.59	51.169	33.63	7.8	8.13	6.7	2.611
403	8/5/2008 18:31	16.32	51.185	33.66	7.95	8.15	6.7	2.51
404	8/5/2008 18:46	16.66	51.235	33.7	8.02	8.15	6.6	2.426

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	8/5/2008 19:01	16.86	51.233	33.7	8.14	8.16	6.6	2.33
406	8/5/2008 19:16	16.97	51.265	33.73	8.31	8.18	7.3	2.221
407	8/5/2008 19:31	16.99	51.261	33.72	8.2	8.17	6	2.121
408	8/5/2008 19:46	16.84	51.226	33.7	8.31	8.17	5.4	2.032
409	8/5/2008 20:01	16.85	51.218	33.69	8.15	8.16	5.2	1.947
410	8/5/2008 20:16	16.6	51.226	33.69	8.13	8.15	5	1.843
411	8/5/2008 20:31	16.51	51.236	33.7	8.16	8.16	6	1.746
412	8/5/2008 20:46	16.96	51.253	33.72	7.9	8.15	4.9	1.676
413	8/5/2008 21:01	17.01	51.238	33.71	7.8	8.14	5.6	1.601
414	8/5/2008 21:16	17.29	51.283	33.74	7.9	8.16	4.9	1.538
415	8/5/2008 21:31	17.48	51.297	33.76	7.69	8.14	4.1	1.501
416	8/5/2008 21:46	17.67	51.346	33.79	7.6	8.14	4	1.483
417	8/5/2008 22:01	17.96	51.362	33.81	7.43	8.15	2.5	1.495
418	8/5/2008 22:16	17.79	51.375	33.81	7.42	8.14	3.8	1.479
419	8/5/2008 22:31	18.08	51.402	33.84	7.95	8.17	5	1.522
420	8/5/2008 22:46	17.85	51.395	33.83	7.84	8.15	4.6	1.579
421	8/5/2008 23:01	18.05	51.421	33.85	8.01	8.17	5.4	1.635
422	8/5/2008 23:16	17.92	51.399	33.83	7.93	8.16	4.8	1.712
423	8/5/2008 23:31	18.07	51.357	33.8	7.72	8.14	5.9	1.781
424	8/5/2008 23:46	18.12	51.341	33.79	7.64	8.13	6	1.868
425	8/6/2008 0:01	17.82	51.329	33.78	7.72	8.13	5.8	1.94
426	8/6/2008 0:16	17.66	51.279	33.74	7.72	8.13	5.2	2.003
427	8/6/2008 0:31	17.51	51.313	33.77	7.74	8.13	4.9	2.08
428	8/6/2008 0:46	17.24	51.283	33.74	7.72	8.13	5.1	2.149
429	8/6/2008 1:01	16.93	51.273	33.73	7.59	8.12	5.1	2.223
430	8/6/2008 1:16	16.73	51.253	33.71	7.49	8.11	5.1	2.292
431	8/6/2008 1:31	16.54	51.243	33.7	7.39	8.1	4.7	2.348
432	8/6/2008 1:46	16.35	51.208	33.67	7.35	8.1	4.4	2.423
433	8/6/2008 2:01	16.16	51.191	33.66	7.32	8.09	4.3	2.486
434	8/6/2008 2:16	15.87	51.177	33.64	7.3	8.09	4.2	2.548
435	8/6/2008 2:31	15.67	51.171	33.64	7.3	8.09	4.6	2.607
436	8/6/2008 2:46	15.43	51.137	33.61	7.24	8.1	3.8	2.664
437	8/6/2008 3:01	15.16	51.128	33.59	7.2	8.08	4.4	2.728
438	8/6/2008 3:16	14.96	51.153	33.61	7.14	8.09	3.7	2.773
439	8/6/2008 3:31	14.63	51.27	33.68	7.07	8.08	3.4	2.813
440	8/6/2008 3:46	14.43	51.123	33.57	6.94	8.07	2.9	2.854
441	8/6/2008 4:01	14.34	51.145	33.58	6.67	8.06	1.1	2.873
442	8/6/2008 4:16	14.64	50.936	33.44	6.81	8.06	2.4	2.878
443	8/6/2008 4:31	14.32	51.215	33.63	6.47	8.03	1.4	2.852
444	8/6/2008 4:46	14.34	51.096	33.55	6.81	8.07	2.6	2.836
445	8/6/2008 5:01	14.69	51.073	33.54	6.88	8.08	3.2	2.787
446	8/6/2008 5:16	15.18	51.132	33.6	6.74	8.07	4.6	2.715
447	8/6/2008 5:31	15.52	51.075	33.56	6.27	8.02	3.2	2.642
448	8/6/2008 5:46	15.76	51.177	33.64	6.43	8.04	4.1	2.564
449	8/6/2008 6:01	15.81	51.202	33.66	6.43	8.04	4.2	2.482

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
450	8/6/2008 6:16	15.74	51.197	33.66	6.45	8.05	4.3	2.383
451	8/6/2008 6:31	15.96	51.207	33.67	6.41	8.05	4.3	2.292
452	8/6/2008 6:46	15.85	51.233	33.69	6.29	8.02	4.5	2.213
453	8/6/2008 7:01	15.67	51.316	33.74	6.18	8	3.9	2.128
454	8/6/2008 7:16	16.26	51.241	33.7	6.14	8.04	4	2.04
455	8/6/2008 7:31	16.25	51.158	33.64	6.13	8.03	4.5	1.95
456	8/6/2008 7:46	16.28	51.265	33.72	6.13	8.03	3.8	1.871
457	8/6/2008 8:01	16.37	51.156	33.64	6.19	8.03	3.9	1.784
458	8/6/2008 8:16	16.37	51.267	33.72	6.18	8.02	3.8	1.701
459	8/6/2008 8:31	16.47	51.244	33.7	6.24	8.03	4.2	1.628
460	8/6/2008 8:46	16.68	51.274	33.73	6.32	8.04	3.1	1.567
461	8/6/2008 9:01	16.83	51.243	33.71	6.34	8.05	3.1	1.528
462	8/6/2008 9:16	17.05	51.21	33.69	6.34	8.08	2.3	1.483
463	8/6/2008 9:31	17.14	51.279	33.74	6.26	8.07	2.4	1.455
464	8/6/2008 9:46	17.27	51.326	33.77	5.4	8.01	1.2	1.469
465	8/6/2008 10:01	17.28	51.345	33.79	6.2	8.06	3.8	1.483
466	8/6/2008 10:16	17.4	51.363	33.8	6.33	8.07	3.5	1.505
467	8/6/2008 10:31	17.4	51.376	33.81	6.37	8.06	5.4	1.558
468	8/6/2008 10:46	17.43	51.37	33.81	6.35	8.07	4.4	1.616
469	8/6/2008 11:01	17.36	51.338	33.78	6.38	8.06	3.7	1.686
470	8/6/2008 11:16	17.37	51.337	33.78	6.39	8.06	4.6	1.768
471	8/6/2008 11:31	17.39	51.324	33.77	6.36	8.06	4.6	1.837
472	8/6/2008 11:46	17.25	51.33	33.78	6.35	8.06	5.5	1.921
473	8/6/2008 12:01	17.07	51.296	33.75	6.42	8.05	5.7	1.999
474	8/6/2008 12:16	16.96	51.29	33.74	6.46	8.07	4.1	2.083
475	8/6/2008 12:31	16.9	51.282	33.74	6.49	8.07	4.6	2.162
476	8/6/2008 12:46	16.65	51.24	33.7	6.56	8.07	4.8	2.24
477	8/6/2008 13:01	16.4	51.211	33.68	6.64	8.07	5.4	2.323
478	8/6/2008 13:16	16.25	51.187	33.66	6.71	8.06	5.9	2.404
479	8/6/2008 13:31	16.05	51.155	33.63	6.79	8.08	5.6	2.483
480	8/6/2008 13:46	15.74	51.14	33.61	6.82	8.06	5.6	2.562
481	8/6/2008 14:01	15.53	51.127	33.6	6.87	8.08	6.3	2.654
482	8/6/2008 14:16	15.24	51.087	33.56	6.92	8.07	8.1	2.741
483	8/6/2008 14:31	14.59	51.055	33.52	6.93	8.06	7.4	2.823
484	8/6/2008 14:46	14.23	51.054	33.51	6.9	8.05	6.9	2.905
485	8/6/2008 15:01	13.79	51.09	33.53	6.88	8.04	7.6	2.989
486	8/6/2008 15:16	13.27	51.033	33.46	6.87	8.02	5.3	3.062
487	8/6/2008 15:31	13.02	51.054	33.47	6.83	8.03	5.7	3.127
488	8/6/2008 15:46	12.88	51.051	33.46	6.76	8.01	4.3	3.191
489	8/6/2008 16:01	12.77	51.058	33.46	6.76	8.03	3.5	3.238
490	8/6/2008 16:16	12.74	51.081	33.48	6.71	8.01	2.3	3.264
491	8/6/2008 16:31	12.73	51.052	33.46	6.25	7.98	1.8	3.283
492	8/6/2008 16:46	12.77	51.046	33.45	6.16	7.98	1.3	3.287
493	8/6/2008 17:01	12.71	51.079	33.47	6.32	8.01	2.3	3.264
494	8/6/2008 17:16	12.75	51.053	33.46	6.74	8.02	4.8	3.214

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
495	8/6/2008 17:31	13.11	51.029	33.46	6.86	8.04	5.4	3.162
496	8/6/2008 17:46	14.08	51.03	33.49	7.31	8.08	5.9	3.092
497	8/6/2008 18:01	14.43	51.075	33.53	7.4	8.1	6.7	3.002
498	8/6/2008 18:16	14.88	51.086	33.55	7.46	8.11	6	2.908
499	8/6/2008 18:31	15.07	51.087	33.56	7.48	8.09	5.9	2.812
500	8/6/2008 18:46	15.49	51.094	33.58	7.57	8.11	6.2	2.722
501	8/6/2008 19:01	15.71	51.109	33.59	7.59	8.11	7.6	2.624
502	8/6/2008 19:16	16.3	51.138	33.62	7.83	8.16	7	2.524
503	8/6/2008 19:31	16.6	51.143	33.63	7.84	8.14	7	2.437
504	8/6/2008 19:46	16.92	51.179	33.66	8.05	8.16	6.2	2.351
505	8/6/2008 20:01	17.03	51.196	33.68	8.26	8.18	6	2.258
506	8/6/2008 20:16	16.89	51.167	33.65	8.07	8.15	5.8	2.161
507	8/6/2008 20:31	16.41	51.197	33.67	8.23	8.15	5.4	2.06
508	8/6/2008 20:46	16.44	51.142	33.63	8.02	8.16	5.2	1.987
509	8/6/2008 21:01	16.39	51.152	33.63	7.82	8.15	4.7	1.909
510	8/6/2008 21:16	16.27	51.088	33.59	7.67	8.12	5.2	1.806
511	8/6/2008 21:31	16.16	51.179	33.65	7.59	8.11	4.7	1.724
512	8/6/2008 21:46	16.56	51.185	33.66	7.36	8.11	3.9	1.672
513	8/6/2008 22:01	16.8	51.22	33.69	7.34	8.11	4.5	1.598
514	8/6/2008 22:16	17.07	51.183	33.67	7.37	8.12	3.8	1.539
515	8/6/2008 22:31	17.34	51.282	33.74	7.38	8.12	3.5	1.526
516	8/6/2008 22:46	17.49	51.254	33.72	6.63	8.1	1.6	1.513
517	8/6/2008 23:01	17.73	51.265	33.73	5.97	8.06	1.5	1.508
518	8/6/2008 23:16	17.81	51.277	33.74	7.04	8.14	3.5	1.522
519	8/6/2008 23:31	17.79	51.335	33.79	7.59	8.15	3.9	1.554
520	8/6/2008 23:46	17.81	51.348	33.8	7.9	8.16	4.6	1.621
521	8/7/2008 0:01	17.79	51.352	33.8	7.82	8.16	4.2	1.662
522	8/7/2008 0:16	17.66	51.351	33.8	7.75	8.14	4	1.721
523	8/7/2008 0:31	17.89	51.333	33.78	7.56	8.13	5.7	1.794
524	8/7/2008 0:46	17.94	51.33	33.78	7.42	8.12	5.5	1.85
525	8/7/2008 1:01	17.77	51.341	33.79	7.46	8.12	4.7	1.919
526	8/7/2008 1:16	17.56	51.325	33.78	7.52	8.12	4.5	1.982
527	8/7/2008 1:31	17.42	51.3	33.76	7.51	8.12	4.6	2.046
528	8/7/2008 1:46	17.34	51.326	33.78	7.54	8.12	4.6	2.098
529	8/7/2008 2:01	17	51.287	33.74	7.42	8.11	4	2.157
530	8/7/2008 2:16	16.66	51.271	33.73	7.28	8.09	4	2.222
531	8/7/2008 2:31	16.54	51.251	33.71	7.15	8.09	3.8	2.272
532	8/7/2008 2:46	16.38	51.209	33.68	7.16	8.08	4	2.333
533	8/7/2008 3:01	16.24	51.248	33.7	7.03	8.08	4	2.38
534	8/7/2008 3:16	16.06	51.221	33.68	7.06	8.07	3.4	2.434
535	8/7/2008 3:31	15.95	51.232	33.69	7.02	8.07	3.5	2.496
536	8/7/2008 3:46	15.73	51.208	33.66	7.01	8.07	3.1	2.529
537	8/7/2008 4:01	15.68	51.177	33.64	6.91	8.08	3	2.577
538	8/7/2008 4:16	15.52	51.193	33.65	6.8	8.07	2.5	2.614
539	8/7/2008 4:31	15.45	51.185	33.64	6.46	8.07	1.7	2.649

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
540	8/7/2008 4:46	15.48	51.185	33.64	6.56	8.06	1.8	2.669
541	8/7/2008 5:01	15.54	51.007	33.51	6.5	8.06	2.6	2.681
542	8/7/2008 5:16	15.53	51.201	33.65	6.37	8.05	2.1	2.687
543	8/7/2008 5:31	15.35	51.192	33.64	6.45	8.04	2	2.68
544	8/7/2008 5:46	15.26	51.181	33.63	6.82	8.05	3.1	2.633
545	8/7/2008 6:01	15.48	51.195	33.65	6.77	8.06	3.8	2.592
546	8/7/2008 6:16	15.91	51.362	33.78	5.41	7.91	4.5	2.552
547	8/7/2008 6:31	15.99	51.328	33.76	5.49	7.91	4.8	2.485
548	8/7/2008 6:46	16.12	51.32	33.75	5.91	7.96	4.3	2.417
549	8/7/2008 7:01	16.19	51.288	33.73	6.29	8.01	4.2	2.347
550	8/7/2008 7:16	16.2	51.285	33.73	6.28	8.01	4.9	2.282
551	8/7/2008 7:31	16.23	51.283	33.73	6.13	7.99	5.1	2.216
552	8/7/2008 7:46	16.21	51.267	33.72	5.96	7.98	3.7	2.142
553	8/7/2008 8:01	16.26	51.336	33.77	6	7.98	4.3	2.078
554	8/7/2008 8:16	16.37	51.306	33.75	6.12	8.01	4.6	2.026
555	8/7/2008 8:31	16.35	51.316	33.75	6.1	7.99	3.8	1.964
556	8/7/2008 8:46	16.55	51.331	33.77	6.24	8.01	3.9	1.888
557	8/7/2008 9:01	16.56	51.314	33.76	6.18	8.01	3.8	1.855
558	8/7/2008 9:16	16.74	51.361	33.79	6.22	8.02	9.5	1.822
559	8/7/2008 9:31	16.9	51.349	33.79	5.98	8.02	5.3	1.768
560	8/7/2008 9:46	17.05	51.366	33.8	6.22	8.03	2.7	1.747
561	8/7/2008 10:01	17.23	51.38	33.81	5.61	8.01	1.5	1.741
562	8/7/2008 10:16	17.3	51.408	33.83	5.92	8.04	2	1.738
563	8/7/2008 10:31	17.28	51.404	33.83	5.99	8.05	2.9	1.746
564	8/7/2008 10:46	17.24	51.39	33.82	6.06	8.04	3.4	1.763
565	8/7/2008 11:01	17.15	51.368	33.8	6.16	8.04	3.2	1.8
566	8/7/2008 11:16	17.12	51.38	33.81	6.37	8.04	3.7	1.847
567	8/7/2008 11:31	17.1	51.378	33.81	6.45	8.05	3.6	1.883
568	8/7/2008 11:46	17.02	51.37	33.8	6.39	8.04	3.7	1.943
569	8/7/2008 12:01	16.91	51.347	33.79	6.38	8.04	3.6	2.007
570	8/7/2008 12:16	16.92	51.344	33.78	6.4	8.04	4.2	2.065
571	8/7/2008 12:31	16.87	51.351	33.79	6.47	8.05	4.5	2.127
572	8/7/2008 12:46	16.73	51.322	33.76	6.5	8.05	4.3	2.186
573	8/7/2008 13:01	16.51	51.275	33.73	6.46	8.03	5	2.247
574	8/7/2008 13:16	16.28	51.262	33.71	6.48	8.02	5.4	2.322
575	8/7/2008 13:31	16.01	51.227	33.68	6.66	8.05	5.2	2.385
576	8/7/2008 13:46	15.91	51.209	33.67	6.73	8.04	5.2	2.453
577	8/7/2008 14:01	15.76	51.214	33.67	6.79	8.04	5.5	2.528
578	8/7/2008 14:16	15.65	51.197	33.65	6.82	8.05	5.6	2.604
579	8/7/2008 14:31	15.42	51.193	33.65	6.87	8.04	5.3	2.672
580	8/7/2008 14:46	15.08	51.17	33.62	6.88	8.03	5.6	2.749
581	8/7/2008 15:01	14.89	51.121	33.58	6.85	8.04	6	2.825
582	8/7/2008 15:16	14.36	51.137	33.58	6.85	8.03	5.5	2.9
583	8/7/2008 15:31	14.21	51.078	33.53	6.83	8.02	5	2.967
584	8/7/2008 15:46	13.79	51.13	33.55	6.89	8.01	4.1	3.037

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
585	8/7/2008 16:01	13.56	51.118	33.54	6.86	8.01	3.2	3.093
586	8/7/2008 16:16	13.32	51.112	33.52	6.85	8.02	3.1	3.148
587	8/7/2008 16:31	13.03	51.145	33.54	6.89	8.02	1.8	3.18
588	8/7/2008 16:46	12.94	51.116	33.51	6.85	8	1.8	3.211
589	8/7/2008 17:01	12.87	51.148	33.53	6.42	8	1.5	3.233
590	8/7/2008 17:16	13.05	51.208	33.58	6.2	7.99	0.9	3.221
591	8/7/2008 17:31	12.92	51.126	33.52	6.77	7.99	2.7	3.211
592	8/7/2008 17:46	13	51.098	33.5	6.55	8	2	3.179
593	8/7/2008 18:01	13.28	51.108	33.52	6.82	8.02	3.7	3.123
594	8/7/2008 18:16	13.73	51.138	33.56	7.01	8.04	4.2	3.071
595	8/7/2008 18:31	14.35	51.133	33.57	7.12	8.07	5.1	3
596	8/7/2008 18:46	14.76	51.164	33.61	7.22	8.06	5.4	2.915
597	8/7/2008 19:01	14.85	51.171	33.62	7.26	8.06	5.4	2.833
598	8/7/2008 19:16	14.99	51.18	33.63	7.31	8.08	5.2	2.75
599	8/7/2008 19:31	15.45	51.197	33.65	7.42	8.1	5.5	2.671
600	8/7/2008 19:46	15.64	51.216	33.67	7.38	8.09	5.5	2.573
601	8/7/2008 20:01	16.08	51.242	33.7	7.56	8.11	5.6	2.495
602	8/7/2008 20:16	16.2	51.276	33.72	7.79	8.12	4.9	2.422
603	8/7/2008 20:31	16.18	51.206	33.67	7.76	8.11	5.4	2.336
604	8/7/2008 20:46	16.44	51.259	33.71	7.92	8.13	4.9	2.236
605	8/7/2008 21:01	16.22	51.203	33.67	7.85	8.14	4.8	2.16
606	8/7/2008 21:16	16.21	51.244	33.7	7.86	8.12	4.2	2.08
607	8/7/2008 21:31	16.14	51.233	33.69	7.71	8.11	4.9	1.994
608	8/7/2008 21:46	15.94	51.217	33.67	7.46	8.09	4.2	1.9
609	8/7/2008 22:01	15.86	51.249	33.7	7.25	8.07	4.3	1.823
610	8/7/2008 22:16	15.89	51.272	33.71	7.04	8.07	3.8	1.752
611	8/7/2008 22:31	16.09	51.265	33.71	6.91	8.07	3.5	1.676
612	8/7/2008 22:46	16.31	51.287	33.73	6.94	8.06	3.9	1.603
613	8/7/2008 23:01	16.38	51.274	33.72	6.61	8.04	3.1	1.561
614	8/7/2008 23:16	16.8	51.298	33.75	6.83	8.07	2.9	1.53
615	8/7/2008 23:31	16.96	51.354	33.79	6.9	8.08	3.2	1.493
616	8/7/2008 23:46	17.09	51.328	33.77	6.87	8.08	2.6	1.482
617	8/8/2008 0:01	17.22	51.393	33.82	6.2	8.05	1.6	1.491
618	8/8/2008 0:16	17.16	51.391	33.82	7.17	8.09	3.2	1.524
619	8/8/2008 0:31	17.2	51.354	33.79	7.23	8.1	3.8	1.533
620	8/8/2008 0:46	17.26	51.411	33.84	7.48	8.13	4.1	1.584
621	8/8/2008 1:01	17.25	51.418	33.84	7.56	8.13	3.8	1.637
622	8/8/2008 1:16	17.2	51.394	33.82	7.53	8.12	4.3	1.698
623	8/8/2008 1:31	17.25	51.399	33.83	7.39	8.11	5.4	1.749
624	8/8/2008 1:46	17.34	51.381	33.82	7.26	8.1	5	1.801
625	8/8/2008 2:01	17.34	51.415	33.84	7.14	8.09	5.2	1.867
626	8/8/2008 2:16	17.18	51.383	33.82	7.24	8.09	4.7	1.916
627	8/8/2008 2:31	17.04	51.378	33.81	7.27	8.09	4.5	1.965
628	8/8/2008 2:46	16.94	51.384	33.81	7.25	8.09	4.6	2.026
629	8/8/2008 3:01	16.91	51.353	33.79	7.23	8.09	4.6	2.075

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
630	8/8/2008 3:16	16.78	51.374	33.8	7.27	8.09	4.9	2.126
631	8/8/2008 3:31	16.52	51.333	33.77	7.15	8.07	4.4	2.172
632	8/8/2008 3:46	16.39	51.305	33.75	7.09	8.06	4.5	2.224
633	8/8/2008 4:01	16.26	51.297	33.74	7.05	8.06	4.2	2.271
634	8/8/2008 4:16	16.18	51.287	33.73	7.01	8.05	4.5	2.317
635	8/8/2008 4:31	16.06	51.278	33.72	6.96	8.05	3.9	2.36
636	8/8/2008 4:46	15.92	51.265	33.71	6.95	8.05	3.7	2.394
637	8/8/2008 5:01	15.82	51.257	33.7	6.91	8.04	3.2	2.433
638	8/8/2008 5:16	15.68	51.251	33.69	6.93	8.04	3.1	2.471
639	8/8/2008 5:31	15.58	51.226	33.67	6.89	8.04	2.7	2.498
640	8/8/2008 5:46	15.54	51.251	33.69	6.39	8.04	2.8	2.513
641	8/8/2008 6:01	15.56	51.24	33.68	6	8.02	1.7	2.531
642	8/8/2008 6:16	15.61	51.247	33.69	6.33	8.02	2.6	2.534
643	8/8/2008 6:31	15.51	51.204	33.66	6.6	8.02	3.2	2.525
644	8/8/2008 6:46	15.5	51.219	33.67	6.7	8.03	3.5	2.502
645	8/8/2008 7:01	15.5	51.217	33.67	6.74	8.03	3.8	2.47
646	8/8/2008 7:16	15.58	51.237	33.68	6.69	8.03	3.7	2.44
647	8/8/2008 7:31	15.77	51.31	33.74	6.01	7.97	4	2.385
648	8/8/2008 7:46	15.72	51.348	33.77	5.31	7.88	4.2	2.339
649	8/8/2008 8:01	15.71	51.324	33.75	5.32	7.86	4.3	2.292
650	8/8/2008 8:16	15.86	51.339	33.76	5.54	7.89	4.3	2.245
651	8/8/2008 8:31	15.91	51.352	33.77	5.68	7.92	4.4	2.2
652	8/8/2008 8:46	16.06	51.331	33.76	5.83	7.95	4.6	2.146
653	8/8/2008 9:01	16.05	51.321	33.75	5.86	7.94	4.2	2.117
654	8/8/2008 9:16	16.18	51.338	33.77	6.12	7.97	4.2	2.069
655	8/8/2008 9:31	16.32	51.32	33.76	6.31	8	4.3	2.033
656	8/8/2008 9:46	16.32	51.341	33.77	6.26	7.99	3.4	2.001
657	8/8/2008 10:01	16.46	51.36	33.79	6.37	8	3.2	1.983
658	8/8/2008 10:16	16.55	51.338	33.77	6.3	8.01	2.8	1.971
659	8/8/2008 10:31	16.66	51.378	33.81	6.22	8.01	2.7	1.95
660	8/8/2008 10:46	16.71	51.382	33.81	5.59	7.97	1	1.952
661	8/8/2008 11:01	16.74	51.393	33.82	6.05	8.02	2.6	1.962
662	8/8/2008 11:16	16.8	51.394	33.82	5.93	8.03	2.8	1.978
663	8/8/2008 11:31	16.77	51.384	33.81	6.32	8.03	3.2	1.999
664	8/8/2008 11:46	16.75	51.374	33.8	6.52	8.03	3.3	2.018
665	8/8/2008 12:01	16.69	51.369	33.8	6.5	8.03	3.7	2.056
666	8/8/2008 12:16	16.61	51.371	33.8	6.49	8.02	3.9	2.092
667	8/8/2008 12:31	16.55	51.356	33.79	6.48	8.02	4	2.126
668	8/8/2008 12:46	16.43	51.34	33.77	6.5	8.03	4.2	2.176
669	8/8/2008 13:01	16.47	51.313	33.75	6.59	8.03	4.4	2.216
670	8/8/2008 13:16	16.28	51.283	33.73	6.63	8.02	4	2.272
671	8/8/2008 13:31	16.23	51.267	33.72	6.61	8.02	4.4	2.326
672	8/8/2008 13:46	16.11	51.27	33.72	6.58	8.01	3.8	2.386
673	8/8/2008 14:01	15.94	51.235	33.69	6.57	8.01	4.1	2.44
674	8/8/2008 14:16	15.74	51.207	33.66	6.69	8.02	4.3	2.492

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	8/8/2008 14:31	15.45	51.186	33.64	6.8	8.02	3.8	2.564
676	8/8/2008 14:46	15.27	51.188	33.64	6.78	8.04	4	2.63
677	8/8/2008 15:01	15.13	51.17	33.62	6.83	8.02	3.5	2.68
678	8/8/2008 15:16	15	51.145	33.6	6.82	8.04	3.7	2.749
679	8/8/2008 15:31	14.69	51.168	33.61	6.8	8.02	3.5	2.816
680	8/8/2008 15:46	14.7	51.109	33.57	6.81	8.02	3.7	2.876
681	8/8/2008 16:01	14.54	51.149	33.59	6.84	8.02	3.6	2.937
682	8/8/2008 16:16	14.22	51.143	33.58	6.89	8.02	3.4	2.983
683	8/8/2008 16:31	14.05	51.099	33.54	6.89	8.02	3.2	3.05
684	8/8/2008 16:46	13.91	51.106	33.54	6.91	8.02	2.7	3.09
685	8/8/2008 17:01	13.84	51.11	33.54	6.92	8.02	2.5	3.121
686	8/8/2008 17:16	13.75	51.101	33.53	6.81	8.01	1.7	3.151
687	8/8/2008 17:31	13.63	51.104	33.53	6.68	8.01	1.6	3.182
688	8/8/2008 17:46	13.62	51.095	33.52	6.31	7.99	0.9	3.18
689	8/8/2008 18:01	13.68	51.14	33.56	6.56	8	1.8	3.168
690	8/8/2008 18:16	13.68	51.087	33.52	6.75	8.01	2.2	3.156
691	8/8/2008 18:31	13.78	51.051	33.5	6.79	8	2.4	3.122
692	8/8/2008 18:46	13.97	51.086	33.53	6.85	8.01	3.4	3.075
693	8/8/2008 19:01	14.7	51.085	33.55	7.4	8.07	4.3	3.017
694	8/8/2008 19:16	14.79	51.127	33.58	7.32	8.06	4.5	2.954
695	8/8/2008 19:31	15.36	51.157	33.62	7.76	8.11	6	2.887
696	8/8/2008 19:46	15.31	51.151	33.61	7.6	8.08	6.2	2.817
697	8/8/2008 20:01	15.58	51.158	33.62	7.87	8.11	5.7	2.738
698	8/8/2008 20:16	15.79	51.173	33.64	8.46	8.15	4.9	2.666
699	8/8/2008 20:31	15.71	51.121	33.6	8.34	8.13	3.8	2.592
700	8/8/2008 20:46	15.83	51.134	33.61	8.17	8.14	3.7	2.514
701	8/8/2008 21:01	16	51.157	33.63	8.38	8.16	3.6	2.438
702	8/8/2008 21:16	16	51.209	33.67	8.45	8.15	3.1	2.362
703	8/8/2008 21:31	15.97	51.236	33.69	8.48	8.17	3.2	2.273
704	8/8/2008 21:46	16.22	51.222	33.68	8.5	8.16	4.3	2.195
705	8/8/2008 22:01	16.33	51.223	33.69	8.31	8.14	3.9	2.122
706	8/8/2008 22:16	16.39	51.236	33.7	8.22	8.13	3.8	2.029
707	8/8/2008 22:31	16.42	51.227	33.69	8.06	8.14	4.2	1.943
708	8/8/2008 22:46	16.46	51.239	33.7	8	8.13	3.8	1.872
709	8/8/2008 23:01	16.54	51.288	33.74	7.82	8.11	3.7	1.792
710	8/8/2008 23:16	16.59	51.303	33.75	7.73	8.11	4.4	1.709
711	8/8/2008 23:31	16.7	51.309	33.75	7.51	8.09	3.6	1.641
712	8/8/2008 23:46	16.87	51.332	33.77	7.53	8.1	3.4	1.599
713	8/9/2008 0:01	16.98	51.366	33.8	7.54	8.1	3.2	1.539
714	8/9/2008 0:16	16.99	51.35	33.79	7.47	8.1	3.1	1.503
715	8/9/2008 0:31	17.28	51.382	33.82	7.62	8.12	2.7	1.478
716	8/9/2008 0:46	17.41	51.303	33.76	7.53	8.12	1.5	1.472
717	8/9/2008 1:01	17.32	51.421	33.85	7.63	8.12	3.1	1.477
718	8/9/2008 1:16	17.43	51.395	33.83	7.55	8.12	1.5	1.47
719	8/9/2008 1:31	17.45	51.413	33.84	7.97	8.14	3	1.512

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	8/9/2008 1:46	17.36	51.406	33.83	7.98	8.13	3.1	1.539
721	8/9/2008 2:01	17.45	51.406	33.84	8.22	8.16	3.6	1.581
722	8/9/2008 2:16	17.42	51.416	33.84	8.23	8.15	3.7	1.63
723	8/9/2008 2:31	17.38	51.42	33.84	8.1	8.15	3.6	1.67
724	8/9/2008 2:46	17.52	51.405	33.84	7.92	8.13	4.6	1.729
725	8/9/2008 3:01	17.62	51.384	33.82	7.71	8.11	4.7	1.776
726	8/9/2008 3:16	17.62	51.384	33.82	7.6	8.11	5	1.822
727	8/9/2008 3:31	17.49	51.38	33.82	7.79	8.11	4.5	1.875
728	8/9/2008 3:46	17.36	51.366	33.8	7.81	8.11	4	1.918
729	8/9/2008 4:01	17.25	51.355	33.8	7.78	8.11	3.7	1.973
730	8/9/2008 4:16	17.17	51.34	33.78	7.82	8.11	3.6	2.014
731	8/9/2008 4:31	17.11	51.349	33.79	7.81	8.11	4	2.067
732	8/9/2008 4:46	17.05	51.329	33.77	7.81	8.11	3.8	2.115
733	8/9/2008 5:01	16.89	51.302	33.75	7.71	8.1	3.7	2.159
734	8/9/2008 5:16	16.77	51.299	33.75	7.56	8.09	3.9	2.206
735	8/9/2008 5:31	16.64	51.269	33.72	7.37	8.08	3.2	2.239
736	8/9/2008 5:46	16.5	51.277	33.73	7.32	8.09	3.3	2.282
737	8/9/2008 6:01	16.45	51.252	33.71	7.28	8.07	3.8	2.321
738	8/9/2008 6:16	16.37	51.247	33.7	7.24	8.06	3.2	2.349
739	8/9/2008 6:31	16.26	51.231	33.69	7.09	8.06	2.9	2.373
740	8/9/2008 6:46	16.17	51.217	33.68	7.01	8.05	2.9	2.405
741	8/9/2008 7:01	16.17	51.216	33.68	6.82	8.04	2.7	2.421
742	8/9/2008 7:16	16.15	51.205	33.67	6.53	8.03	1.6	2.43
743	8/9/2008 7:31	16.23	51.237	33.7	6.33	8.02	1.2	2.439
744	8/9/2008 7:46	16.15	51.256	33.71	6.26	8	2	2.442
745	8/9/2008 8:01	16.14	51.248	33.7	6.2	8.02	1.3	2.442
746	8/9/2008 8:16	16.08	51.245	33.7	6.9	8.05	3.2	2.416
747	8/9/2008 8:31	16.1	51.224	33.68	6.83	8.05	2.6	2.4
748	8/9/2008 8:46	16.36	51.185	33.66	6.59	8.03	2	2.383
749	8/9/2008 9:01	16.52	51.256	33.71	7.11	8.06	4.1	2.341
750	8/9/2008 9:16	16.54	51.295	33.74	7.12	8.06	3.5	2.319
751	8/9/2008 9:31	16.63	51.302	33.75	7	8.07	3.5	2.293
752	8/9/2008 9:46	16.71	51.316	33.76	6.97	8.05	3.7	2.257
753	8/9/2008 10:01	16.77	51.319	33.76	6.84	8.04	3.8	2.231
754	8/9/2008 10:16	16.8	51.352	33.79	6.74	8.02	4	2.206
755	8/9/2008 10:31	16.85	51.364	33.8	6.41	8	2	2.186
756	8/9/2008 10:46	16.87	51.343	33.78	6.38	8	1.5	2.161
757	8/9/2008 11:01	16.9	51.369	33.8	6.04	7.98	1.2	2.156
758	8/9/2008 11:16	16.95	51.326	33.77	5.75	7.98	1.2	2.148
759	8/9/2008 11:31	16.97	51.339	33.78	6.32	8	2	2.137
760	8/9/2008 11:46	17.01	51.348	33.79	6.71	8.03	2.5	2.148
761	8/9/2008 12:01	16.98	51.355	33.79	6.89	8.03	3.4	2.154
762	8/9/2008 12:16	16.99	51.325	33.77	6.93	8.05	3	2.168
763	8/9/2008 12:31	16.93	51.337	33.78	6.99	8.05	3.2	2.179
764	8/9/2008 12:46	16.91	51.322	33.77	7.23	8.07	3.3	2.209

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	8/9/2008 13:01	16.9	51.31	33.76	7.29	8.09	3.5	2.242
766	8/9/2008 13:16	16.88	51.301	33.75	7.38	8.09	3.4	2.267
767	8/9/2008 13:31	16.79	51.274	33.73	7.34	8.07	3.1	2.305
768	8/9/2008 13:46	16.77	51.276	33.73	7.27	8.08	3.5	2.35
769	8/9/2008 14:01	16.74	51.241	33.71	7.23	8.06	3.8	2.395
770	8/9/2008 14:16	16.6	51.239	33.7	7.16	8.05	3.4	2.429
771	8/9/2008 14:31	16.47	51.232	33.69	7.18	8.05	3.4	2.486
772	8/9/2008 14:46	16.34	51.199	33.67	7.14	8.05	3.5	2.529
773	8/9/2008 15:01	16.09	51.195	33.66	7.02	8.04	3.5	2.578
774	8/9/2008 15:16	15.79	51.187	33.65	6.92	8.03	3.4	2.624
775	8/9/2008 15:31	15.63	51.147	33.62	6.89	8.02	3.5	2.668
776	8/9/2008 15:46	15.37	51.115	33.59	6.96	8.02	3.1	2.729
777	8/9/2008 16:01	15.07	51.12	33.58	6.92	8.01	3.1	2.784
778	8/9/2008 16:16	14.82	51.114	33.57	6.91	8.01	2.7	2.833
779	8/9/2008 16:31	14.63	51.122	33.57	6.89	8.02	3	2.879
780	8/9/2008 16:46	14.48	51.078	33.54	6.91	8.01	2.3	2.942
781	8/9/2008 17:01	14.29	51.091	33.54	6.88	8	2.5	2.991
782	8/9/2008 17:16	14.22	51.085	33.54	6.87	8	2.4	3.026
783	8/9/2008 17:31	14.18	51.07	33.52	6.91	8	1.8	3.065
784	8/9/2008 17:46	14.1	51.064	33.52	6.94	8.02	1.6	3.106
785	8/9/2008 18:01	13.96	51.072	33.52	7	8.02	1.4	3.136
786	8/9/2008 18:16	13.93	51.066	33.51	6.6	7.99	1.2	3.133
787	8/9/2008 18:31	14.15	51.035	33.5	6.39	7.97	0.5	3.152
788	8/9/2008 18:46	14	51.129	33.56	6.56	7.98	1.1	3.153
789	8/9/2008 19:01	14.03	51.101	33.54	6.74	8.01	1.5	3.134
790	8/9/2008 19:16	14.15	51.098	33.54	6.83	8	2.1	3.106
791	8/9/2008 19:31	14.35	51.106	33.55	6.95	8.01	2.7	3.068
792	8/9/2008 19:46	14.9	51.115	33.58	7.2	8.04	3.8	3.026
793	8/9/2008 20:01	15.09	51.125	33.59	7.26	8.04	4.3	2.975
794	8/9/2008 20:16	15.59	51.145	33.62	7.48	8.07	4.7	2.916
795	8/9/2008 20:31	16.04	51.176	33.65	7.81	8.1	4.9	2.841
796	8/9/2008 20:46	16.02	51.163	33.64	7.63	8.09	4.3	2.777
797	8/9/2008 21:01	16.18	51.193	33.66	7.67	8.09	4.2	2.714
798	8/9/2008 21:16	16.33	51.219	33.68	7.82	8.1	5.1	2.628
799	8/9/2008 21:31	16.11	51.204	33.67	7.55	8.09	4.7	2.561
800	8/9/2008 21:46	16.21	51.133	33.62	7.54	8.08	4.9	2.489
801	8/9/2008 22:01	15.99	51.194	33.66	7.38	8.05	4.8	2.41
802	8/9/2008 22:16	15.96	51.185	33.65	7.36	8.05	5.1	2.331
803	8/9/2008 22:31	16.25	51.249	33.7	7.61	8.07	5	2.249
804	8/9/2008 22:46	16.41	51.256	33.71	7.61	8.08	5.1	2.167
805	8/9/2008 23:01	16.6	51.234	33.7	7.75	8.09	4.4	2.083
806	8/9/2008 23:16	16.92	51.281	33.74	7.76	8.11	5.1	1.999
807	8/9/2008 23:31	17.09	51.315	33.76	7.77	8.12	5.3	1.921
808	8/9/2008 23:46	17.12	51.315	33.76	7.73	8.11	5	1.831
809	8/10/2008 0:01	17.1	51.32	33.77	7.65	8.1	5	1.742

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	8/10/2008 0:16	17.26	51.355	33.8	7.58	8.1	4.9	1.669
811	8/10/2008 0:31	17.46	51.37	33.81	7.62	8.11	4.3	1.611
812	8/10/2008 0:46	17.65	51.38	33.82	7.69	8.12	4.2	1.539
813	8/10/2008 1:01	17.7	51.39	33.83	7.62	8.12	4.5	1.483
814	8/10/2008 1:16	17.9	51.438	33.86	7.67	8.13	3.7	1.457
815	8/10/2008 1:31	18.07	51.427	33.86	7.78	8.14	3.5	1.422
816	8/10/2008 1:46	18.09	51.438	33.86	7.6	8.14	2.5	1.41
817	8/10/2008 2:01	18.13	51.433	33.86	7.08	8.11	1.3	1.404
818	8/10/2008 2:16	18.04	51.415	33.85	7.51	8.13	2.6	1.422
819	8/10/2008 2:31	18.12	51.435	33.86	8.04	8.15	3.3	1.443
820	8/10/2008 2:46	18.09	51.444	33.87	8.19	8.16	3.5	1.462
821	8/10/2008 3:01	18.16	51.451	33.87	8.35	8.18	3.7	1.501
822	8/10/2008 3:16	18.14	51.445	33.87	8.28	8.18	3.7	1.551
823	8/10/2008 3:31	18.11	51.445	33.87	8.28	8.17	3.3	1.586
824	8/10/2008 3:46	18.12	51.421	33.85	8.2	8.17	4	1.632
825	8/10/2008 4:01	18.31	51.419	33.85	7.87	8.15	4.8	1.68
826	8/10/2008 4:16	18.21	51.387	33.83	7.92	8.15	3.5	1.725
827	8/10/2008 4:31	18.22	51.378	33.82	7.84	8.14	4.9	1.775
828	8/10/2008 4:46	18.21	51.403	33.84	7.79	8.14	4.3	1.811
829	8/10/2008 5:01	18.09	51.395	33.83	7.87	8.14	4.5	1.862
830	8/10/2008 5:16	18	51.393	33.83	7.86	8.14	4.2	1.913
831	8/10/2008 5:31	17.91	51.373	33.81	7.92	8.14	4	1.968
832	8/10/2008 5:46	17.83	51.364	33.81	7.86	8.13	4	2.012
833	8/10/2008 6:01	17.77	51.371	33.81	7.86	8.13	4	2.057
834	8/10/2008 6:16	17.62	51.357	33.8	7.8	8.12	4.4	2.116
835	8/10/2008 6:31	17.49	51.274	33.74	7.67	8.11	3.9	2.156
836	8/10/2008 6:46	17.15	51.288	33.75	7.61	8.09	4.4	2.206
837	8/10/2008 7:01	17.03	51.298	33.75	7.52	8.09	4.1	2.249
838	8/10/2008 7:16	16.88	51.298	33.75	7.4	8.08	4.2	2.285
839	8/10/2008 7:31	16.79	51.273	33.73	7.38	8.08	3	2.331
840	8/10/2008 7:46	16.75	51.274	33.73	7.36	8.08	3.6	2.367
841	8/10/2008 8:01	16.74	51.256	33.72	7.29	8.07	2.9	2.393
842	8/10/2008 8:16	16.74	51.255	33.72	7.13	8.07	2.9	2.412
843	8/10/2008 8:31	16.67	51.259	33.72	7.13	8.06	2.4	2.45
844	8/10/2008 8:46	16.6	51.254	33.71	7	8.06	2	2.461
845	8/10/2008 9:01	16.6	51.233	33.7	6.34	8	0.8	2.461
846	8/10/2008 9:16	16.65	51.249	33.71	5.75	8	0.8	2.477
847	8/10/2008 9:31	16.64	51.265	33.72	5.46	7.98	0.6	2.477
848	8/10/2008 9:46	16.58	51.214	33.68	6.52	8.04	2.1	2.465
849	8/10/2008 10:01	16.57	51.247	33.71	6.82	8.05	1.7	2.445
850	8/10/2008 10:16	16.61	51.239	33.7	7.13	8.06	3	2.432
851	8/10/2008 10:31	16.67	51.25	33.71	7.11	8.07	2.7	2.416
852	8/10/2008 10:46	16.7	51.26	33.72	7.2	8.08	3.7	2.368
853	8/10/2008 11:01	16.76	51.262	33.72	7.35	8.08	3	2.345
854	8/10/2008 11:16	16.87	51.262	33.72	7.39	8.08	2.7	2.321

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
855	8/10/2008 11:31	16.92	51.284	33.74	7.35	8.08	2.6	2.3
856	8/10/2008 11:46	17.07	51.29	33.75	7.58	8.09	3.2	2.265
857	8/10/2008 12:01	17.27	51.338	33.78	7.91	8.1	3.1	2.247
858	8/10/2008 12:16	17.44	51.319	33.77	7.52	8.11	2.1	2.244
859	8/10/2008 12:31	17.55	51.335	33.78	7.06	8.07	1	2.224
860	8/10/2008 12:46	17.6	51.357	33.8	6.72	8.07	1.4	2.222
861	8/10/2008 13:01	17.47	51.314	33.77	7.31	8.08	1.1	2.217
862	8/10/2008 13:16	17.39	51.346	33.79	7.6	8.09	1.5	2.227
863	8/10/2008 13:31	17.27	51.313	33.76	7.5	8.08	3.1	2.243
864	8/10/2008 13:46	17.34	51.303	33.76	7.61	8.09	3.2	2.256
865	8/10/2008 14:01	17.58	51.305	33.76	7.67	8.09	2.9	2.283
866	8/10/2008 14:16	17.34	51.292	33.75	7.6	8.08	3.1	2.31
867	8/10/2008 14:31	17.24	51.282	33.74	7.56	8.08	3.2	2.344
868	8/10/2008 14:46	17.16	51.254	33.72	7.56	8.08	3.5	2.38
869	8/10/2008 15:01	17.12	51.262	33.73	7.54	8.08	3.7	2.414
870	8/10/2008 15:16	17	51.247	33.71	7.44	8.07	3	2.451
871	8/10/2008 15:31	16.89	51.244	33.71	7.41	8.08	2.9	2.492
872	8/10/2008 15:46	16.67	51.227	33.69	7.29	8.06	3	2.535
873	8/10/2008 16:01	16.43	51.16	33.64	7.26	8.04	3	2.583
874	8/10/2008 16:16	16.03	51.144	33.62	7.13	8.03	2.9	2.621
875	8/10/2008 16:31	15.78	51.094	33.58	7.1	8.03	2.7	2.665
876	8/10/2008 16:46	15.69	51.123	33.6	7.15	8.03	2.7	2.718
877	8/10/2008 17:01	15.38	51.091	33.57	7.13	8.03	2.9	2.759
878	8/10/2008 17:16	15.14	51.091	33.57	7.13	8.04	2.4	2.813
879	8/10/2008 17:31	14.99	51.067	33.54	7.18	8.04	2.4	2.857
880	8/10/2008 17:46	14.81	51.067	33.54	7.17	8.04	2.3	2.903
881	8/10/2008 18:01	15.06	51.077	33.55	7.3	8.05	2.3	2.954
882	8/10/2008 18:16	15.09	51.12	33.58	7.34	8.04	2	2.988
883	8/10/2008 18:31	15.36	51.038	33.53	7.25	8.06	2.1	3.026
884	8/10/2008 18:46	15.28	51.076	33.56	7.25	8.05	1.4	3.051
885	8/10/2008 19:01	15.3	51.092	33.57	6.92	8.05	1.5	3.077
886	8/10/2008 19:16	15.12	51.108	33.58	6.79	8.03	1.3	3.096
887	8/10/2008 19:31	14.95	51.153	33.61	6.43	8	1.1	3.096
888	8/10/2008 19:46	14.71	51.083	33.55	6.67	8	0.9	3.095
889	8/10/2008 20:01	14.8	51.062	33.53	7.09	8.03	1.5	3.08
890	8/10/2008 20:16	15.62	51.073	33.56	7.48	8.08	2.8	3.06
891	8/10/2008 20:31	15.51	51.078	33.56	7.31	8.05	2.6	3.021
892	8/10/2008 20:46	15.63	51.089	33.57	7.29	8.07	3.1	2.985
893	8/10/2008 21:01	16.13	51.123	33.61	7.31	8.06	4.4	2.93
894	8/10/2008 21:16	16.21	51.131	33.62	7.3	8.07	5.5	2.865
895	8/10/2008 21:31	16.4	51.25	33.71	7.47	8.09	5.2	2.805
896	8/10/2008 21:46	16.26	51.213	33.68	7.31	8.07	4.1	2.74
897	8/10/2008 22:01	15.98	51.142	33.62	7.26	8.05	5.5	2.669
898	8/10/2008 22:16	16.29	51.092	33.59	7.3	8.06	6.7	2.587
899	8/10/2008 22:31	16.27	51.168	33.64	7.42	8.08	5.8	2.504

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
900	8/10/2008 22:46	16.52	51.06	33.57	7.42	8.08	5.1	2.436
901	8/10/2008 23:01	16.15	51.069	33.57	7.18	8.06	5.4	2.347
902	8/10/2008 23:16	16.44	51.106	33.6	7.18	8.05	4.6	2.261
903	8/10/2008 23:31	16.12	51.112	33.6	7.14	8.03	5.4	2.188
904	8/10/2008 23:46	17.14	51.245	33.71	7.49	8.11	5.6	2.095
905	8/11/2008 0:01	17.03	51.238	33.71	7.39	8.09	5.6	1.999
906	8/11/2008 0:16	17.03	51.235	33.7	7.19	8.08	5.2	1.906
907	8/11/2008 0:31	17.28	51.255	33.72	7.24	8.09	5.4	1.824
908	8/11/2008 0:46	17.45	51.295	33.75	7.2	8.09	5.2	1.727
909	8/11/2008 1:01	17.3	51.282	33.74	6.98	8.06	4.8	1.639
910	8/11/2008 1:16	17.6	51.328	33.78	6.99	8.08	4.8	1.567
911	8/11/2008 1:31	17.84	51.291	33.75	6.88	8.08	4.2	1.479
912	8/11/2008 1:46	17.95	51.358	33.8	6.87	8.08	3.5	1.423
913	8/11/2008 2:01	18.26	51.379	33.82	6.85	8.1	3.2	1.367
914	8/11/2008 2:16	18.34	51.422	33.85	6.71	8.09	2.2	1.324
915	8/11/2008 2:31	18.47	51.375	33.82	6.63	8.1	2.5	1.292
916	8/11/2008 2:46	18.73	51.408	33.84	6.4	8.12	1.6	1.285
917	8/11/2008 3:01	18.79	51.447	33.87	5.7	8.08	1	1.289
918	8/11/2008 3:16	18.63	51.451	33.88	6.93	8.14	3.4	1.287
919	8/11/2008 3:31	18.74	51.451	33.88	6.97	8.14	3.8	1.306
920	8/11/2008 3:46	18.71	51.465	33.89	7.44	8.17	3.8	1.349
921	8/11/2008 4:01	18.73	51.459	33.88	7.55	8.18	4	1.39
922	8/11/2008 4:16	18.72	51.465	33.89	7.5	8.18	4.1	1.413
923	8/11/2008 4:31	18.67	51.458	33.88	7.52	8.17	4.2	1.471
924	8/11/2008 4:46	18.71	51.418	33.85	7.47	8.17	4.7	1.529
925	8/11/2008 5:01	18.77	51.397	33.84	7.19	8.15	4.7	1.571
926	8/11/2008 5:16	18.76	51.372	33.82	7.14	8.14	4.4	1.621
927	8/11/2008 5:31	18.72	51.379	33.82	7.19	8.14	5.4	1.679
928	8/11/2008 5:46	18.65	51.396	33.84	7.29	8.14	5.4	1.743
929	8/11/2008 6:01	18.53	51.39	33.83	7.38	8.14	5.2	1.801
930	8/11/2008 6:16	18.42	51.38	33.82	7.37	8.14	4.7	1.853
931	8/11/2008 6:31	18.3	51.36	33.81	7.42	8.14	4.6	1.914
932	8/11/2008 6:46	18.25	51.361	33.81	7.38	8.13	4.9	1.98
933	8/11/2008 7:01	18.09	51.348	33.8	7.33	8.13	6	2.043
934	8/11/2008 7:16	17.86	51.287	33.75	7.38	8.11	4.9	2.09
935	8/11/2008 7:31	17.6	51.293	33.75	7.37	8.11	4.5	2.14
936	8/11/2008 7:46	17.41	51.274	33.74	7.35	8.09	4.3	2.208
937	8/11/2008 8:01	17.34	51.247	33.72	7.32	8.1	4.5	2.255
938	8/11/2008 8:16	17.29	51.248	33.72	7.31	8.09	3.9	2.301
939	8/11/2008 8:31	17.27	51.237	33.71	7.28	8.09	4.1	2.352
940	8/11/2008 8:46	17.07	51.232	33.7	7.32	8.09	3.7	2.392
941	8/11/2008 9:01	16.93	51.204	33.68	7.28	8.09	3.4	2.43
942	8/11/2008 9:16	16.83	51.203	33.68	7.24	8.08	3.6	2.467
943	8/11/2008 9:31	16.85	51.18	33.66	7.18	8.07	3.5	2.493
944	8/11/2008 9:46	16.74	51.179	33.66	7.02	8.07	3.9	2.524

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
945	8/11/2008 10:01	16.62	51.191	33.67	6.84	8.07	2.9	2.543
946	8/11/2008 10:16	16.54	51.177	33.66	6.25	8.02	1	2.554
947	8/11/2008 10:31	16.64	51.148	33.64	6.28	8.03	2.4	2.557
948	8/11/2008 10:46	16.56	51.214	33.68	6.4	8.03	1.8	2.548
949	8/11/2008 11:01	16.46	51.169	33.65	6.25	8.03	1.5	2.548
950	8/11/2008 11:16	16.46	51.149	33.63	6.8	8.05	3.3	2.522
951	8/11/2008 11:31	16.63	51.16	33.64	6.97	8.06	4.3	2.479
952	8/11/2008 11:46	16.78	51.174	33.66	6.93	8.06	3.6	2.454
953	8/11/2008 12:01	16.92	51.181	33.66	6.98	8.07	2.6	2.431
954	8/11/2008 12:16	16.98	51.205	33.68	6.95	8.07	2.6	2.395
955	8/11/2008 12:31	17.07	51.212	33.69	6.96	8.08	2.9	2.346
956	8/11/2008 12:46	17.24	51.208	33.69	7.09	8.09	1.8	2.331
957	8/11/2008 13:01	17.35	51.217	33.69	6.96	8.07	1.6	2.313
958	8/11/2008 13:16	17.49	51.25	33.72	7.15	8.1	2.6	2.278
959	8/11/2008 13:31	17.63	51.197	33.68	6.78	8.07	1	2.26
960	8/11/2008 13:46	17.82	51.2	33.69	6.74	8.07	1	2.244
961	8/11/2008 14:01	17.9	51.292	33.76	6.98	8.08	0.9	2.259
962	8/11/2008 14:16	17.79	51.288	33.75	7.78	8.11	2.4	2.249
963	8/11/2008 14:31	17.77	51.271	33.74	6.83	8.06	1.6	2.233
964	8/11/2008 14:46	17.56	51.281	33.74	7.14	8.08	3.2	2.267
965	8/11/2008 15:01	17.62	51.272	33.74	7.15	8.08	2.8	2.278
966	8/11/2008 15:16	17.88	51.257	33.73	7.4	8.1	3.1	2.295
967	8/11/2008 15:31	17.76	51.264	33.73	7.23	8.09	2.7	2.311
968	8/11/2008 15:46	17.57	51.266	33.73	7.16	8.08	2.7	2.345
969	8/11/2008 16:01	17.47	51.241	33.71	7.27	8.09	3.3	2.392
970	8/11/2008 16:16	17.55	51.214	33.69	7.37	8.09	3.4	2.417
971	8/11/2008 16:31	17.5	51.182	33.67	7.39	8.09	3.1	2.457
972	8/11/2008 16:46	17.32	51.199	33.68	7.34	8.08	3.3	2.51
973	8/11/2008 17:01	16.97	51.162	33.65	7.1	8.06	2.9	2.557
974	8/11/2008 17:16	16.6	51.126	33.62	6.91	8.04	2.6	2.598
975	8/11/2008 17:31	16.62	51.108	33.61	7.11	8.06	3.2	2.65
976	8/11/2008 17:46	16.21	51.082	33.58	7.04	8.05	2.9	2.708
977	8/11/2008 18:01	15.88	51.047	33.55	7.01	8.04	2.3	2.749
978	8/11/2008 18:16	15.43	51.032	33.53	7.02	8.04	2.4	2.802
979	8/11/2008 18:31	14.95	51.005	33.5	7.08	8.03	2.3	2.855
980	8/11/2008 18:46	14.92	50.974	33.47	7.06	8.04	2.1	2.905
981	8/11/2008 19:01	14.8	51.025	33.51	7.12	8.04	1.9	2.95
982	8/11/2008 19:16	14.49	51.004	33.48	7.01	8.04	1.6	2.992
983	8/11/2008 19:31	14.28	50.982	33.46	6.92	8.04	1.6	3.035
984	8/11/2008 19:46	14.13	50.991	33.46	6.9	8.02	1.8	3.065
985	8/11/2008 20:01	13.96	50.982	33.45	6.77	8.02	1.5	3.093
986	8/11/2008 20:16	13.89	50.97	33.44	6.52	8.02	1.5	3.114
987	8/11/2008 20:31	13.97	50.97	33.44	6.16	8.01	0.7	3.112
988	8/11/2008 20:46	13.83	51.051	33.5	6.25	7.99	0.8	3.115
989	8/11/2008 21:01	13.81	50.979	33.44	6.72	8.02	2.2	3.099

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
990	8/11/2008 21:16	14	50.987	33.46	6.88	8.04	2.1	3.07
991	8/11/2008 21:31	14.41	51.013	33.49	7.04	8.06	2.6	3.028
992	8/11/2008 21:46	14.72	51.016	33.5	7.13	8.07	2.9	2.981
993	8/11/2008 22:01	15.42	51.057	33.55	7.37	8.1	3.2	2.927
994	8/11/2008 22:16	15.87	51.079	33.57	7.51	8.1	3.8	2.852
995	8/11/2008 22:31	16.05	51.105	33.59	7.35	8.09	4	2.782
996	8/11/2008 22:46	16.26	51.109	33.6	7.21	8.08	3.7	2.717
997	8/11/2008 23:01	16.54	51.135	33.62	7.21	8.08	3.4	2.637
998	8/11/2008 23:16	16.88	51.169	33.65	7.22	8.08	4	2.552
999	8/11/2008 23:31	16.93	51.188	33.67	7.11	8.06	3.2	2.474
1000	8/11/2008 23:46	16.77	51.163	33.65	6.8	8.03	3.3	2.38
1001	8/12/2008 0:01	16.72	51.138	33.63	6.74	8.04	3.3	2.296
1002	8/12/2008 0:16	17	51.204	33.68	7.11	8.08	3.7	2.197
1003	8/12/2008 0:31	17.15	51.236	33.71	7.07	8.09	4	2.111
1004	8/12/2008 0:46	17.21	51.227	33.7	7.06	8.07	4.9	2.018
1005	8/12/2008 1:01	16.89	51.226	33.7	6.8	8.03	5.1	1.911
1006	8/12/2008 1:16	17.33	51.226	33.7	6.99	8.07	4.9	1.818
1007	8/12/2008 1:31	17.33	51.278	33.74	6.87	8.06	4.6	1.715
1008	8/12/2008 1:46	17.45	51.305	33.76	6.77	8.06	4.4	1.612
1009	8/12/2008 2:01	17.51	51.29	33.75	6.65	8.04	4.6	1.531
1010	8/12/2008 2:16	17.75	51.317	33.77	6.71	8.05	4.9	1.429
1011	8/12/2008 2:31	18.14	51.352	33.8	6.75	8.08	3.9	1.36
1012	8/12/2008 2:46	18.52	51.406	33.84	6.78	8.11	3.6	1.285
1013	8/12/2008 3:01	18.55	51.386	33.83	6.74	8.1	3.2	1.234
1014	8/12/2008 3:16	18.78	51.467	33.89	6.85	8.12	3.5	1.208
1015	8/12/2008 3:31	18.89	51.447	33.87	6.75	8.12	2.4	1.171
1016	8/12/2008 3:46	18.98	51.491	33.91	6.35	8.1	1.2	1.179
1017	8/12/2008 4:01	18.86	51.494	33.91	6.98	8.12	3.8	1.183
1018	8/12/2008 4:16	18.89	51.503	33.91	7.16	8.14	3.2	1.202
1019	8/12/2008 4:31	18.81	51.492	33.91	7.18	8.13	3.4	1.246
1020	8/12/2008 4:46	18.79	51.485	33.9	7.22	8.13	3.4	1.276
1021	8/12/2008 5:01	18.81	51.49	33.9	7.34	8.14	3.5	1.323
1022	8/12/2008 5:16	18.75	51.481	33.9	7.25	8.13	3.8	1.378
1023	8/12/2008 5:31	18.8	51.46	33.88	7.21	8.14	4.4	1.434
1024	8/12/2008 5:46	18.98	51.408	33.84	7.03	8.13	5.6	1.483
1025	8/12/2008 6:01	18.91	51.421	33.85	7.02	8.12	5.2	1.54
1026	8/12/2008 6:16	18.82	51.423	33.86	7.1	8.12	5.5	1.606
1027	8/12/2008 6:31	18.74	51.423	33.86	7.21	8.13	5.1	1.663
1028	8/12/2008 6:46	18.62	51.416	33.85	7.17	8.12	5.1	1.729
1029	8/12/2008 7:01	18.53	51.398	33.84	7.16	8.12	4.9	1.793
1030	8/12/2008 7:16	18.48	51.39	33.83	7.21	8.12	4.9	1.862
1031	8/12/2008 7:31	18.35	51.378	33.82	7.25	8.12	5.2	1.927
1032	8/12/2008 7:46	18.03	51.321	33.78	7.23	8.1	5.8	2
1033	8/12/2008 8:01	17.74	51.266	33.73	7.19	8.09	5.6	2.058
1034	8/12/2008 8:16	17.59	51.283	33.75	7.16	8.09	5.1	2.121

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1035	8/12/2008 8:31	17.43	51.251	33.72	7.17	8.08	4.6	2.19
1036	8/12/2008 8:46	17.33	51.254	33.72	7.13	8.08	4.6	2.246
1037	8/12/2008 9:01	17.27	51.244	33.71	7.11	8.09	4.2	2.296
1038	8/12/2008 9:16	17.23	51.222	33.7	7.09	8.08	4.5	2.348
1039	8/12/2008 9:31	17.09	51.211	33.69	7.06	8.07	4.7	2.409
1040	8/12/2008 9:46	16.76	51.123	33.62	6.98	8.07	4.2	2.454
1041	8/12/2008 10:01	16.63	51.113	33.61	6.92	8.05	4.1	2.491
1042	8/12/2008 10:16	16.5	51.113	33.61	6.86	8.05	4.3	2.538
1043	8/12/2008 10:31	16.3	51.079	33.58	6.79	8.04	3.6	2.572
1044	8/12/2008 10:46	16.23	51.071	33.57	6.71	8.03	3.1	2.6
1045	8/12/2008 11:01	16.21	51.09	33.59	6.34	8.02	2.3	2.608
1046	8/12/2008 11:16	16.28	51.115	33.61	6.26	8.04	1.8	2.623
1047	8/12/2008 11:31	16.14	51.112	33.6	6.25	8.01	2.5	2.614
1048	8/12/2008 11:46	16.12	51.071	33.57	6.53	8.02	3.7	2.603
1049	8/12/2008 12:01	16.22	51.08	33.58	6.57	8.03	3.4	2.574
1050	8/12/2008 12:16	16.33	51.095	33.59	6.65	8.04	4.2	2.528
1051	8/12/2008 12:31	16.6	51.115	33.61	6.8	8.06	4.1	2.497
1052	8/12/2008 12:46	16.83	51.146	33.64	7.08	8.07	4.2	2.463
1053	8/12/2008 13:01	17.02	51.179	33.66	7.3	8.09	4.6	2.407
1054	8/12/2008 13:16	17.16	51.178	33.66	7.37	8.1	3.9	2.361
1055	8/12/2008 13:31	17.28	51.179	33.67	7.35	8.1	4.3	2.323
1056	8/12/2008 13:46	17.37	51.215	33.69	7.18	8.09	3.7	2.305
1057	8/12/2008 14:01	17.43	51.24	33.71	7.15	8.09	3.4	2.261
1058	8/12/2008 14:16	17.51	51.253	33.72	7.22	8.09	3.8	2.227
1059	8/12/2008 14:31	17.63	51.243	33.72	7.19	8.1	2.7	2.226
1060	8/12/2008 14:46	17.83	51.217	33.7	7.14	8.1	2	2.201
1061	8/12/2008 15:01	17.96	51.28	33.75	7.16	8.1	1.3	2.189
1062	8/12/2008 15:16	18.03	51.279	33.75	7.12	8.11	18.2	2.181
1063	8/12/2008 15:31	17.93	51.272	33.74	8.08	8.14	3.5	2.193
1064	8/12/2008 15:46	17.84	51.263	33.73	7.75	8.11	3.5	2.192
1065	8/12/2008 16:01	17.81	51.247	33.72	7.59	8.1	3.1	2.212
1066	8/12/2008 16:16	17.86	51.226	33.71	7.5	8.1	4.4	2.233
1067	8/12/2008 16:31	17.84	51.256	33.73	7.51	8.1	3.1	2.253
1068	8/12/2008 16:46	17.77	51.234	33.71	7.47	8.1	3.7	2.303
1069	8/12/2008 17:01	17.56	51.227	33.7	7.47	8.09	4.2	2.34
1070	8/12/2008 17:16	17.47	51.199	33.68	7.38	8.09	4.1	2.38
1071	8/12/2008 17:31	17.36	51.163	33.66	7.28	8.07	3.9	2.421
1072	8/12/2008 17:46	17.05	51.118	33.62	7.07	8.06	4	2.485
1073	8/12/2008 18:01	16.76	51.119	33.62	6.9	8.04	3.9	2.532
1074	8/12/2008 18:16	16.52	51.099	33.6	6.84	8.04	3.8	2.587
1075	8/12/2008 18:31	16.21	51.068	33.57	6.83	8.03	3.5	2.637
1076	8/12/2008 18:46	15.79	51.05	33.55	6.91	8.03	4.2	2.702
1077	8/12/2008 19:01	15.35	51.014	33.51	6.99	8.03	3.7	2.764
1078	8/12/2008 19:16	15.21	50.963	33.47	6.93	8.02	3.3	2.804
1079	8/12/2008 19:31	15.15	50.992	33.49	7	8.03	3.7	2.874

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1080	8/12/2008 19:46	14.73	50.969	33.47	7.1	8.04	3.5	2.934
1081	8/12/2008 20:01	14.45	50.964	33.45	7.09	8.04	2.7	2.984
1082	8/12/2008 20:16	14.37	50.961	33.45	7.07	8.04	2.9	3.029
1083	8/12/2008 20:31	14.22	50.938	33.43	7.05	8.02	2.8	3.072
1084	8/12/2008 20:46	13.94	50.937	33.42	7.08	8.03	2.3	3.117
1085	8/12/2008 21:01	13.75	50.937	33.41	7.08	8.03	2.3	3.138
1086	8/12/2008 21:16	13.71	50.937	33.41	6.83	8.02	1.3	3.156
1087	8/12/2008 21:31	13.78	50.876	33.37	6.34	8	0.9	3.164
1088	8/12/2008 21:46	13.69	50.957	33.42	6.79	8.01	1.6	3.167
1089	8/12/2008 22:01	13.69	50.921	33.4	6.94	8.02	2.1	3.133
1090	8/12/2008 22:16	13.73	50.919	33.4	6.97	8.02	2.9	3.09
1091	8/12/2008 22:31	14.03	50.944	33.43	7	8.03	3.2	3.053
1092	8/12/2008 22:46	14.43	50.954	33.45	7.04	8.06	3.3	2.995
1093	8/12/2008 23:01	15.02	51.01	33.5	7	8.07	3.9	2.912
1094	8/12/2008 23:16	15.65	51.05	33.55	6.95	8.06	4.6	2.838
1095	8/12/2008 23:31	15.76	51.065	33.56	6.8	8.05	4.4	2.772
1096	8/12/2008 23:46	15.92	51.087	33.58	6.61	8.04	3.7	2.672
1097	8/13/2008 0:01	16.01	51.096	33.59	6.45	8.02	3.7	2.587
1098	8/13/2008 0:16	15.98	51.088	33.58	6.48	8.02	3.2	2.497
1099	8/13/2008 0:31	15.94	51.111	33.6	6.56	8.02	3	2.406
1100	8/13/2008 0:46	16.4	51.128	33.62	6.89	8.08	3.7	2.32
1101	8/13/2008 1:01	16.38	51.139	33.63	7	8.07	3.5	2.207
1102	8/13/2008 1:16	16.59	51.177	33.66	7.13	8.1	4	2.104
1103	8/13/2008 1:31	16.87	51.195	33.67	7.17	8.11	3.7	2.009
1104	8/13/2008 1:46	16.59	51.137	33.63	6.69	8.05	4.4	1.887
1105	8/13/2008 2:01	16.34	51.153	33.63	6.48	8.02	5.2	1.772
1106	8/13/2008 2:16	16.97	51.238	33.71	6.59	8.06	5	1.663
1107	8/13/2008 2:31	17.14	51.24	33.71	6.55	8.05	4.6	1.563
1108	8/13/2008 2:46	17.15	51.249	33.72	6.43	8.05	4.2	1.452
1109	8/13/2008 3:01	17.57	51.276	33.74	6.55	8.08	4.5	1.341
1110	8/13/2008 3:16	17.76	51.332	33.78	6.6	8.07	4.3	1.258
1111	8/13/2008 3:31	17.98	51.376	33.82	6.67	8.08	4	1.186
1112	8/13/2008 3:46	18.16	51.407	33.84	6.71	8.09	3.9	1.131
1113	8/13/2008 4:01	18.4	51.45	33.87	6.85	8.11	3.7	1.071
1114	8/13/2008 4:16	18.48	51.462	33.88	6.82	8.11	4.3	1.048
1115	8/13/2008 4:31	18.64	51.489	33.9	6.61	8.1	1.5	1.055
1116	8/13/2008 4:46	18.52	51.467	33.89	6.86	8.12	4.3	1.057
1117	8/13/2008 5:01	18.68	51.532	33.94	6.99	8.13	3.2	1.071
1118	8/13/2008 5:16	18.64	51.483	33.9	7.04	8.13	3.8	1.124
1119	8/13/2008 5:31	18.62	51.49	33.9	7.17	8.14	5	1.169
1120	8/13/2008 5:46	18.63	51.491	33.91	7.25	8.14	4.8	1.219
1121	8/13/2008 6:01	18.57	51.476	33.89	7.2	8.14	4.3	1.279
1122	8/13/2008 6:16	18.58	51.456	33.88	7.1	8.13	4.6	1.339
1123	8/13/2008 6:31	18.65	51.404	33.84	6.94	8.13	5.7	1.413
1124	8/13/2008 6:46	18.67	51.373	33.82	6.9	8.12	6.5	1.474

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1125	8/13/2008 7:01	18.59	51.403	33.84	7.03	8.13	5.9	1.545
1126	8/13/2008 7:16	18.41	51.403	33.84	7.02	8.12	5.6	1.624
1127	8/13/2008 7:31	18.34	51.391	33.83	6.99	8.12	5.1	1.694
1128	8/13/2008 7:46	18.27	51.392	33.83	7.02	8.12	5.2	1.771
1129	8/13/2008 8:01	18.18	51.383	33.82	7.04	8.12	5.1	1.842
1130	8/13/2008 8:16	17.86	51.331	33.78	7.01	8.11	5.7	1.921
1131	8/13/2008 8:31	17.64	51.296	33.76	6.88	8.1	6.3	1.998
1132	8/13/2008 8:46	17.47	51.265	33.73	6.86	8.09	6.1	2.066
1133	8/13/2008 9:01	17.31	51.245	33.72	6.75	8.08	5.2	2.142
1134	8/13/2008 9:16	17.2	51.24	33.71	6.77	8.08	5.2	2.203
1135	8/13/2008 9:31	17.12	51.233	33.7	6.71	8.08	5.1	2.276
1136	8/13/2008 9:46	16.95	51.15	33.64	6.71	8.07	5.1	2.337
1137	8/13/2008 10:01	16.65	51.129	33.62	6.67	8.05	5.3	2.398
1138	8/13/2008 10:16	16.55	51.137	33.63	6.6	8.06	5.5	2.457
1139	8/13/2008 10:31	16.17	51.078	33.58	6.53	8.05	4.6	2.508
1140	8/13/2008 10:46	16.02	51.064	33.56	6.55	8.03	4.4	2.554
1141	8/13/2008 11:01	15.82	51.05	33.55	6.4	8.04	3.7	2.59
1142	8/13/2008 11:16	15.68	51.034	33.54	6.46	8.04	3.5	2.639
1143	8/13/2008 11:31	15.63	51.023	33.53	6.44	8.03	2.8	2.654
1144	8/13/2008 11:46	15.49	51.073	33.56	6.29	8.02	2.3	2.681
1145	8/13/2008 12:01	15.73	51.079	33.57	6.21	8.02	2.1	2.685
1146	8/13/2008 12:16	15.55	51.118	33.59	6.27	8	2.1	2.678
1147	8/13/2008 12:31	15.46	51.026	33.52	6.52	8.03	3.7	2.658
1148	8/13/2008 12:46	15.64	51.017	33.52	6.49	8.02	3.6	2.616
1149	8/13/2008 13:01	15.98	51.043	33.55	6.61	8.04	4.8	2.578
1150	8/13/2008 13:16	16.16	51.071	33.57	6.71	8.06	4.2	2.528
1151	8/13/2008 13:31	16.52	51.102	33.6	7.1	8.07	4.9	2.475
1152	8/13/2008 13:46	16.82	51.156	33.64	7.3	8.09	4.5	2.426
1153	8/13/2008 14:01	17.07	51.166	33.65	7.27	8.1	4.3	2.366
1154	8/13/2008 14:16	17.22	51.195	33.68	7.19	8.1	4	2.325
1155	8/13/2008 14:31	17.41	51.223	33.7	7.24	8.1	4	2.279
1156	8/13/2008 14:46	17.45	51.211	33.69	7.28	8.1	3.8	2.239
1157	8/13/2008 15:01	17.56	51.216	33.7	7.34	8.1	3.6	2.21
1158	8/13/2008 15:16	17.79	51.219	33.7	7.56	8.11	3.4	2.171
1159	8/13/2008 15:31	17.98	51.241	33.72	7.58	8.13	3	2.155
1160	8/13/2008 15:46	18.13	51.29	33.75	7.65	8.13	2.4	2.135
1161	8/13/2008 16:01	18.26	51.275	33.74	7.68	8.14	1.8	2.113
1162	8/13/2008 16:16	18.32	51.247	33.72	8.65	8.18	4.3	2.125
1163	8/13/2008 16:31	17.95	51.253	33.73	7.9	8.14	4	2.126
1164	8/13/2008 16:46	18.03	51.288	33.75	7.57	8.12	3.4	2.136
1165	8/13/2008 17:01	17.95	51.269	33.74	7.6	8.12	3.7	2.152
1166	8/13/2008 17:16	18.12	51.26	33.73	7.93	8.13	3.9	2.195
1167	8/13/2008 17:31	18.06	51.237	33.72	7.94	8.12	4.6	2.236
1168	8/13/2008 17:46	17.72	51.22	33.7	7.59	8.11	4.6	2.269
1169	8/13/2008 18:01	17.84	51.211	33.69	7.65	8.1	4.7	2.318

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1170	8/13/2008 18:16	17.54	51.164	33.66	7.61	8.1	4.6	2.378
1171	8/13/2008 18:31	17.21	51.124	33.62	7.46	8.08	5.1	2.442
1172	8/13/2008 18:46	16.92	51.132	33.63	7.15	8.05	4.8	2.49
1173	8/13/2008 19:01	16.22	51.071	33.57	6.98	8.04	4.3	2.55
1174	8/13/2008 19:16	15.77	51.027	33.53	6.99	8.03	4.3	2.627
1175	8/13/2008 19:31	15.62	51	33.51	7.08	8.04	4.3	2.69
1176	8/13/2008 19:46	15.15	50.985	33.49	7.13	8.04	4.4	2.754
1177	8/13/2008 20:01	14.91	50.966	33.47	7.09	8.03	3.7	2.828
1178	8/13/2008 20:16	14.43	50.968	33.46	7.1	8.03	4.1	2.895
1179	8/13/2008 20:31	14.19	50.938	33.43	7.2	8.03	4.3	2.958
1180	8/13/2008 20:46	14.19	50.912	33.41	7.32	8.03	4.4	3.016
1181	8/13/2008 21:01	13.66	50.884	33.37	7.56	8.05	3.8	3.08
1182	8/13/2008 21:16	13.42	50.875	33.35	7.72	8.05	3.4	3.14
1183	8/13/2008 21:31	13.24	50.89	33.36	7.73	8.05	3.3	3.171
1184	8/13/2008 21:46	13.06	50.892	33.35	7.59	8.05	2.6	3.207
1185	8/13/2008 22:01	12.82	50.903	33.35	7.51	8.04	2.2	3.238
1186	8/13/2008 22:16	12.92	50.791	33.27	7.21	8.03	1.4	3.243
1187	8/13/2008 22:31	12.94	50.854	33.32	7.5	8.03	2.2	3.24
1188	8/13/2008 22:46	13.01	50.57	33.12	7.57	8.03	3.2	3.216
1189	8/13/2008 23:01	12.96	50.857	33.32	7.6	8.03	2.6	3.182
1190	8/13/2008 23:16	13.81	50.829	33.33	7.66	8.07	3	3.125
1191	8/13/2008 23:31	14.15	50.94	33.43	7.51	8.07	4.2	3.053
1192	8/13/2008 23:46	14.27	50.927	33.42	7.47	8.07	4.6	2.979
1193	8/14/2008 0:01	14.83	50.983	33.48	7.44	8.07	4.3	2.894
1194	8/14/2008 0:16	15.18	50.983	33.49	7.37	8.08	4.7	2.799
1195	8/14/2008 0:31	15.67	51.037	33.54	7.43	8.1	4.3	2.704
1196	8/14/2008 0:46	15.92	51.061	33.56	7.35	8.08	4.3	2.607
1197	8/14/2008 1:01	16.31	51.106	33.6	7.24	8.1	4.2	2.513
1198	8/14/2008 1:16	16.67	51.143	33.63	7.25	8.1	5	2.404
1199	8/14/2008 1:31	16.9	51.145	33.64	7.24	8.09	4.6	2.3
1200	8/14/2008 1:46	17.06	51.194	33.67	7.24	8.1	4.2	2.201
1201	8/14/2008 2:01	17.12	51.209	33.69	7.26	8.1	3.7	2.081
1202	8/14/2008 2:16	17.29	51.222	33.7	7.3	8.11	5.4	1.965
1203	8/14/2008 2:31	17.18	51.21	33.69	7.22	8.11	5.5	1.855
1204	8/14/2008 2:46	17.14	51.232	33.7	7.1	8.1	5.1	1.738
1205	8/14/2008 3:01	17.24	51.248	33.72	7.1	8.09	5.2	1.621
1206	8/14/2008 3:16	17.32	51.261	33.73	6.9	8.09	4.8	1.496
1207	8/14/2008 3:31	17.46	51.28	33.74	6.86	8.09	4.6	1.382
1208	8/14/2008 3:46	17.75	51.305	33.76	6.93	8.09	4.5	1.28
1209	8/14/2008 4:01	17.96	51.326	33.78	6.95	8.1	4	1.19
1210	8/14/2008 4:16	18.2	51.39	33.83	7.06	8.11	4	1.1
1211	8/14/2008 4:31	18.35	51.412	33.85	7.1	8.12	3.8	1.036
1212	8/14/2008 4:46	18.42	51.452	33.88	7.01	8.11	3.2	1.002
1213	8/14/2008 5:01	18.57	51.473	33.89	7.17	8.12	3.7	0.972
1214	8/14/2008 5:16	18.54	51.47	33.89	7.04	8.11	2.5	0.964

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	8/14/2008 5:31	18.59	51.459	33.88	7.29	8.13	3.4	0.988
1216	8/14/2008 5:46	18.7	51.519	33.93	7.58	8.15	3.6	1.023
1217	8/14/2008 6:01	18.63	51.482	33.9	7.53	8.14	3.7	1.064
1218	8/14/2008 6:16	18.68	51.495	33.91	7.76	8.16	4.3	1.134
1219	8/14/2008 6:31	18.62	51.483	33.9	7.72	8.15	4.2	1.186
1220	8/14/2008 6:46	18.57	51.473	33.89	7.69	8.15	4.5	1.255
1221	8/14/2008 7:01	18.91	51.384	33.83	7.5	8.14	6	1.33
1222	8/14/2008 7:16	18.89	51.366	33.81	7.45	8.13	6.5	1.388
1223	8/14/2008 7:31	18.73	51.377	33.82	7.65	8.14	5.9	1.473
1224	8/14/2008 7:46	18.54	51.376	33.82	7.57	8.13	5.4	1.544
1225	8/14/2008 8:01	18.43	51.374	33.82	7.54	8.12	5.3	1.63
1226	8/14/2008 8:16	18.35	51.371	33.82	7.5	8.12	5.8	1.71
1227	8/14/2008 8:31	18.24	51.365	33.81	7.51	8.12	5.8	1.786
1228	8/14/2008 8:46	17.93	51.312	33.77	7.37	8.1	6.5	1.874
1229	8/14/2008 9:01	17.77	51.288	33.75	7.29	8.1	6.2	1.956
1230	8/14/2008 9:16	17.66	51.28	33.74	7.2	8.09	6.4	2.047
1231	8/14/2008 9:31	17.5	51.243	33.72	7.14	8.09	6.4	2.11
1232	8/14/2008 9:46	17.33	51.223	33.7	7.09	8.07	6.1	2.197
1233	8/14/2008 10:01	17.13	51.21	33.69	7.02	8.08	6.6	2.269
1234	8/14/2008 10:16	17.01	51.172	33.66	6.97	8.08	6.2	2.336
1235	8/14/2008 10:31	16.73	51.151	33.64	6.9	8.06	6.5	2.409
1236	8/14/2008 10:46	16.61	51.134	33.62	6.85	8.06	6.5	2.466
1237	8/14/2008 11:01	16.13	51.056	33.56	6.88	8.05	7.6	2.537
1238	8/14/2008 11:16	15.81	51.022	33.53	6.89	8.03	6.2	2.582
1239	8/14/2008 11:31	15.54	50.973	33.49	6.94	8.02	4.9	2.645
1240	8/14/2008 11:46	15.13	50.969	33.48	7.02	8.04	4.9	2.687
1241	8/14/2008 12:01	14.94	50.952	33.46	7.09	8.03	4.5	2.718
1242	8/14/2008 12:16	14.85	50.949	33.45	6.81	8.03	1.5	2.741
1243	8/14/2008 12:31	15.31	50.435	33.09	6.82	8.03	3.1	2.762
1244	8/14/2008 12:46	14.9	50.955	33.46	6.96	8.02	2.3	2.758
1245	8/14/2008 13:01	14.9	50.92	33.43	7.06	8.02	4.5	2.724
1246	8/14/2008 13:16	15.13	50.932	33.45	7.03	8.03	4.5	2.694
1247	8/14/2008 13:31	15.56	50.976	33.49	7.02	8.04	5.1	2.646
1248	8/14/2008 13:46	15.78	50.978	33.5	7.11	8.05	5.3	2.579
1249	8/14/2008 14:01	16.26	51.041	33.55	7.37	8.09	6.3	2.528
1250	8/14/2008 14:16	16.72	51.077	33.58	7.5	8.09	5	2.468
1251	8/14/2008 14:31	16.95	51.103	33.61	7.48	8.1	5.7	2.405
1252	8/14/2008 14:46	17.22	51.141	33.64	7.75	8.12	4.6	2.344
1253	8/14/2008 15:01	17.54	51.179	33.67	7.83	8.13	4.9	2.292
1254	8/14/2008 15:16	17.59	51.195	33.68	7.76	8.12	4	2.244
1255	8/14/2008 15:31	17.82	51.221	33.7	8.03	8.16	4.2	2.194
1256	8/14/2008 15:46	18.04	51.248	33.72	8.14	8.16	4	2.154
1257	8/14/2008 16:01	18.15	51.246	33.72	8.19	8.16	3.7	2.114
1258	8/14/2008 16:16	18.24	51.257	33.73	8.1	8.16	3	2.088
1259	8/14/2008 16:31	18.35	51.213	33.7	8.35	8.18	3.4	2.061

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1260	8/14/2008 16:46	18.54	51.211	33.7	8.86	8.21	3.4	2.054
1261	8/14/2008 17:01	18.48	51.247	33.73	8.51	8.21	4.2	2.048
1262	8/14/2008 17:16	18.42	51.244	33.72	8.87	8.2	4.3	2.04
1263	8/14/2008 17:31	18.4	51.264	33.74	8.82	8.19	3.9	2.08
1264	8/14/2008 17:46	18.44	51.277	33.75	8.51	8.18	3.7	2.101
1265	8/14/2008 18:01	18.43	51.277	33.75	8.64	8.18	5.8	2.136
1266	8/14/2008 18:16	18.33	51.248	33.73	8.39	8.17	4.3	2.184
1267	8/14/2008 18:31	18.15	51.247	33.72	8.24	8.14	4.8	2.24
1268	8/14/2008 18:46	18.11	51.214	33.7	8.2	8.14	9.2	2.304
1269	8/14/2008 19:01	17.81	51.171	33.66	8.08	8.13	7.1	2.357
1270	8/14/2008 19:16	17.62	51.153	33.65	7.97	8.11	7.6	2.425
1271	8/14/2008 19:31	17.1	51.086	33.6	7.58	8.09	6	2.494
1272	8/14/2008 19:46	16.67	51.041	33.56	7.42	8.07	5.7	2.562
1273	8/14/2008 20:01	15.84	50.983	33.5	7.47	8.06	5.4	2.622
1274	8/14/2008 20:16	15.43	50.966	33.48	7.41	8.05	5.7	2.703
1275	8/14/2008 20:31	15.2	50.909	33.43	7.45	8.06	5.2	2.78
1276	8/14/2008 20:46	14.96	50.909	33.43	7.46	8.06	6	2.851
1277	8/14/2008 21:01	14.34	50.874	33.38	7.62	8.06	5.4	2.925
1278	8/14/2008 21:16	13.97	50.817	33.33	7.69	8.06	4.8	2.998
1279	8/14/2008 21:31	13.77	50.833	33.34	7.86	8.07	4.4	3.075
1280	8/14/2008 21:46	13.55	50.832	33.33	8	8.08	4.9	3.138
1281	8/14/2008 22:01	13.36	50.818	33.31	8	8.08	4	3.182
1282	8/14/2008 22:16	13.04	50.786	33.27	8.16	8.08	3.1	3.244
1283	8/14/2008 22:31	12.91	50.777	33.26	8.21	8.09	3.4	3.28
1284	8/14/2008 22:46	12.79	50.757	33.24	8.17	8.09	2.6	3.303
1285	8/14/2008 23:01	13.28	50.391	33	7.87	8.09	2	3.314
1286	8/14/2008 23:16	13.01	50.809	33.29	7.92	8.07	2.8	3.308
1287	8/14/2008 23:31	12.88	50.769	33.26	8.08	8.07	2.4	3.297
1288	8/14/2008 23:46	12.99	50.77	33.26	8.01	8.08	3.4	3.245
1289	8/15/2008 0:01	14.81	50.925	33.44	7.83	8.11	3.7	3.184
1290	8/15/2008 0:16	14.36	50.862	33.38	7.67	8.07	4.3	3.109
1291	8/15/2008 0:31	15.45	50.992	33.5	7.4	8.09	4.6	3.033
1292	8/15/2008 0:46	15.31	50.945	33.46	7.48	8.09	4.5	2.941
1293	8/15/2008 1:01	15.54	50.956	33.47	7.51	8.1	5.7	2.832
1294	8/15/2008 1:16	15.7	50.999	33.51	7.45	8.09	4.9	2.728
1295	8/15/2008 1:31	16.12	51.017	33.53	7.2	8.06	4.2	2.629
1296	8/15/2008 1:46	16.47	51.048	33.56	6.93	8.06	3.8	2.521
1297	8/15/2008 2:01	16.8	51.12	33.62	7.22	8.08	4.9	2.4
1298	8/15/2008 2:16	16.99	51.146	33.64	7.19	8.09	4.9	2.291
1299	8/15/2008 2:31	17.21	51.18	33.67	7.26	8.1	4.8	2.18
1300	8/15/2008 2:46	17.24	51.15	33.64	7.27	8.1	5.2	2.067
1301	8/15/2008 3:01	17.15	51.144	33.64	7.28	8.09	5.1	1.929
1302	8/15/2008 3:16	16.84	51.13	33.63	7.17	8.08	4.6	1.82
1303	8/15/2008 3:31	16.69	51.111	33.61	7.04	8.06	4.9	1.709
1304	8/15/2008 3:46	17.09	51.165	33.65	6.94	8.07	4.9	1.567

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	8/15/2008 4:01	17.24	51.161	33.65	6.88	8.06	5	1.436
1306	8/15/2008 4:16	17.55	51.234	33.71	6.99	8.09	4.9	1.331
1307	8/15/2008 4:31	17.67	51.255	33.73	6.96	8.07	4.6	1.225
1308	8/15/2008 4:46	17.97	51.294	33.76	7.12	8.1	4.6	1.111
1309	8/15/2008 5:01	18.09	51.308	33.77	7.09	8.1	3.9	1.052
1310	8/15/2008 5:16	18.18	51.323	33.78	7.06	8.09	3.6	0.983
1311	8/15/2008 5:31	18.49	51.33	33.79	6.95	8.1	3.5	0.956
1312	8/15/2008 5:46	18.82	51.39	33.83	7.24	8.14	3.5	0.917
1313	8/15/2008 6:01	18.86	51.429	33.86	7.31	8.13	2.7	0.929
1314	8/15/2008 6:16	18.78	51.458	33.88	7.64	8.15	3.5	0.961
1315	8/15/2008 6:31	18.76	51.429	33.86	7.68	8.15	3.2	0.986
1316	8/15/2008 6:46	18.66	51.406	33.84	7.62	8.14	3.6	1.057
1317	8/15/2008 7:01	18.75	51.427	33.86	7.86	8.16	3.8	1.134
1318	8/15/2008 7:16	18.69	51.416	33.85	7.81	8.15	4	1.21
1319	8/15/2008 7:31	18.86	51.33	33.79	7.6	8.14	5.4	1.283
1320	8/15/2008 7:46	18.93	51.308	33.77	7.49	8.13	5.9	1.348
1321	8/15/2008 8:01	18.89	51.29	33.76	7.5	8.13	6.4	1.44
1322	8/15/2008 8:16	18.57	51.295	33.76	7.62	8.13	5.4	1.523
1323	8/15/2008 8:31	18.41	51.294	33.76	7.59	8.12	6.3	1.612
1324	8/15/2008 8:46	18.32	51.267	33.74	7.56	8.12	5.3	1.706
1325	8/15/2008 9:01	18.23	51.277	33.75	7.52	8.12	6	1.809
1326	8/15/2008 9:16	17.94	51.228	33.71	7.43	8.12	6.3	1.889
1327	8/15/2008 9:31	17.79	51.185	33.67	7.4	8.1	6.2	1.976
1328	8/15/2008 9:46	17.69	51.206	33.69	7.32	8.11	6.7	2.076
1329	8/15/2008 10:01	17.58	51.176	33.67	7.27	8.1	6.3	2.155
1330	8/15/2008 10:16	17.41	51.153	33.65	7.22	8.09	6.6	2.233
1331	8/15/2008 10:31	17.11	51.121	33.62	7.19	8.08	8.1	2.314
1332	8/15/2008 10:46	16.88	51.086	33.59	7.15	8.08	10.5	2.394
1333	8/15/2008 11:01	16.64	51.028	33.55	7.1	8.06	8.3	2.474
1334	8/15/2008 11:16	16.09	50.967	33.49	7.11	8.05	8.2	2.54
1335	8/15/2008 11:31	15.81	50.983	33.5	7.16	8.06	8.2	2.6
Mean		16.46	51.25	33.70	7.43	8.10	4.74	2.26
Minimum		12.57	50.39	33.00	5.31	7.86	0.50	0.54
Maximum		19.72	51.68	34.05	11.82	8.40	18.20	3.63
Standard Dev.		1.59	0.15	0.13	0.90	0.07	2.08	0.61

Parameter	Criteria	Source
Dissoved 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						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	8/15/2008 12:01	15.74	50.801	33.37	7.19	7.98		2.173
1	8/15/2008 12:16	14.99	50.993	33.49	7.4	7.99		2.209
2	8/15/2008 12:31	14.62	51.053	33.52	7.5	8	5.1	2.268
3	8/15/2008 12:46	14.51	51.039	33.51	7.47	8.01	4.7	2.29
4	8/15/2008 13:01	14.53	51.011	33.49	7.4	8.02	5.7	2.297
5	8/15/2008 13:16	14.69	50.861	33.38	7.16	8.02	5.3	2.294
6	8/15/2008 13:31	14.7	50.66	33.24	6.99	8.01	4.3	2.28
7	8/15/2008 13:46	14.7	51.15	33.6	7.02	8.02	4.8	2.244
8	8/15/2008 14:01	14.77	51.258	33.68	7.05	8.02	6.3	2.168
9	8/15/2008 14:16	15.12	50.932	33.45	7.34	8.04	6.7	2.112
10	8/15/2008 14:31	15.55	51.05	33.54	7.32	8.05	6	2.034
11	8/15/2008 14:46	16.09	50.689	33.29	7.54	8.07	7.2	1.954
12	8/15/2008 15:01	16.44	50.987	33.51	7.34	8.07	8.4	1.883
13	8/15/2008 15:16	16.81	51.11	33.61	7.51	8.08	7.4	1.814
14	8/15/2008 15:31	17.14	51.146	33.64	7.58	8.1	4.8	1.755
15	8/15/2008 15:46	17.39	51.026	33.56	7.68	8.11	5.1	1.674
16	8/15/2008 16:01	17.59	51.242	33.72	7.92	8.11	4.9	1.625
17	8/15/2008 16:16	17.83	50.959	33.51	7.89	8.12	5	1.573
18	8/15/2008 16:31	17.89	50.905	33.47	7.71	8.11	5.2	1.503
19	8/15/2008 16:46	17.97	51.43	33.86	7.56	8.1	4.7	1.469
20	8/15/2008 17:01	18.02	50.904	33.47	8.03	8.11	5	1.43
21	8/15/2008 17:16	18.11	51.175	33.67	7.88	8.12	4.8	1.411
22	8/15/2008 17:31	18.22	51.035	33.57	7.96	8.12	3.8	1.383
23	8/15/2008 17:46	18.36	50.956	33.51	8.26	8.14	4.3	1.378
24	8/15/2008 18:01	18.36	51.382	33.82	8.63	8.16	3.7	1.402
25	8/15/2008 18:16	18.44	51.271	33.74	9	8.19	3.2	1.416
26	8/15/2008 18:31	18.45	51.403	33.84	8.93	8.19	3.2	1.446
27	8/15/2008 18:46	18.47	51.288	33.75	8.77	8.18	2.6	1.476
28	8/15/2008 19:01	18.45	51.358	33.81	8.53	8.16	2.4	1.542
29	8/15/2008 19:16	18.4	51.267	33.74	8.4	8.15	2.3	1.606
30	8/15/2008 19:31	18.35	51.401	33.84	8.23	8.14	4.4	1.661
31	8/15/2008 19:46	18.29	51.305	33.77	8.18	8.13	3.5	1.737
32	8/15/2008 20:01	17.97	51.512	33.92	7.99	8.12	3.5	1.81
33	8/15/2008 20:16	17.71	51.457	33.87	7.86	8.1	3.4	1.888
34	8/15/2008 20:31	17.37	51.304	33.76	7.74	8.09	3.1	1.956
35	8/15/2008 20:46	16.5	51.318	33.76	7.51	8.05	3.2	2.042
36	8/15/2008 21:01	15.98	51.198	33.66	7.47	8.04	2.4	2.125
37	8/15/2008 21:16	15.73	50.982	33.5	7.43	8.04	2.5	2.195
38	8/15/2008 21:31	15.44	51.003	33.51	7.42	8.04	2.1	2.28
39	8/15/2008 21:46	15.01	51.179	33.63	7.41	8.04	2.5	2.362
40	8/15/2008 22:01	14.41	51.032	33.5	7.53	8.03	2.2	2.444
41	8/15/2008 22:16	14.04	50.97	33.45	7.61	8.04	2.1	2.507
42	8/15/2008 22:31	13.64	50.732	33.26	7.66	8.04	2	2.598
43	8/15/2008 22:46	13.33	50.996	33.44	7.75	8.05	1.8	2.656
44	8/15/2008 23:01	13.21	50.945	33.4	7.71	8.05	1.8	2.699

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
45	8/15/2008 23:16	12.9	50.873	33.33	7.76	8.05	1.6	2.752
46	8/15/2008 23:31	12.82	51.001	33.42	7.67	8.06	1.6	2.788
47	8/15/2008 23:46	12.76	51.017	33.43	7.57	8.06	1.3	2.799
48	8/16/2008 0:01	12.73	51.123	33.51	7.52	8.06	1.5	2.801
49	8/16/2008 0:16	12.84	51.038	33.45	7.54	8.06	1.8	2.785
50	8/16/2008 0:31	12.8	51.093	33.49	7.58	8.07	2	2.728
51	8/16/2008 0:46	13.11	50.698	33.21	7.61	8.06	2.9	2.678
52	8/16/2008 1:01	14.09	50.94	33.43	7.33	8.07	2.5	2.593
53	8/16/2008 1:16	14.13	50.784	33.31	7.34	8.07	3.1	2.494
54	8/16/2008 1:31	14.45	51.069	33.53	7.24	8.07	2.9	2.396
55	8/16/2008 1:46	14.57	50.708	33.27	7.27	8.06	3.1	2.294
56	8/16/2008 2:01	14.84	50.738	33.3	7.23	8.06	3.2	2.182
57	8/16/2008 2:16	14.98	50.985	33.48	7.21	8.06	3.3	2.068
58	8/16/2008 2:31	15.27	50.851	33.39	7.17	8.06	3.1	1.966
59	8/16/2008 2:46	15.61	51.194	33.65	7.02	8.06	3	1.847
60	8/16/2008 3:01	15.9	51.265	33.71	6.96	8.05	2.8	1.728
61	8/16/2008 3:16	16.12	50.9	33.45	7	8.06	2.9	1.605
62	8/16/2008 3:31	16.41	51.237	33.7	6.92	8.06	3	1.478
63	8/16/2008 3:46	16.55	51.193	33.67	6.95	8.05	3.1	1.36
64	8/16/2008 4:01	16.66	51.257	33.72	6.93	8.05	3.4	1.231
65	8/16/2008 4:16	16.6	51.274	33.73	6.87	8.05	3.5	1.108
66	8/16/2008 4:31	16.67	51.124	33.62	6.83	8.04	3.2	0.97
67	8/16/2008 4:46	16.8	51.056	33.57	6.81	8.04	3.5	0.847
68	8/16/2008 5:01	16.96	51.333	33.78	6.77	8.04	3	0.734
69	8/16/2008 5:16	17.11	51.322	33.77	6.74	8.04	2.8	0.615
70	8/16/2008 5:31	17.23	51.128	33.63	6.78	8.04	2.7	0.515
71	8/16/2008 5:46	17.39	51.284	33.74	6.78	8.04	3.1	0.45
72	8/16/2008 6:01	17.55	51.288	33.75	6.68	8.03	3.1	0.392
73	8/16/2008 6:16	17.74	51.088	33.6	6.64	8.03	2.5	0.362
74	8/16/2008 6:31	17.93	51.002	33.54	6.52	8.03	2	0.356
75	8/16/2008 6:46	18.11	51.219	33.7	6.46	8.03	2.2	0.386
76	8/16/2008 7:01	18.35	51.416	33.85	6.97	8.08	7.3	0.431
77	8/16/2008 7:16	18.42	51.385	33.83	7.05	8.09	3.4	0.481
78	8/16/2008 7:31	18.56	51.497	33.91	7.23	8.11	3.1	0.581
79	8/16/2008 7:46	18.49	51.471	33.89	7.25	8.11	3.4	0.667
80	8/16/2008 8:01	18.55	51.162	33.66	7.12	8.1	4.7	0.736
81	8/16/2008 8:16	18.65	51.206	33.7	6.95	8.09	4.9	0.822
82	8/16/2008 8:31	18.62	51.211	33.7	6.91	8.08	5.2	0.911
83	8/16/2008 8:46	18.4	51.523	33.93	7.03	8.08	6.4	0.998
84	8/16/2008 9:01	18.24	51.518	33.92	7.09	8.08	4.3	1.09
85	8/16/2008 9:16	18.19	51.357	33.8	7.13	8.08	4.4	1.172
86	8/16/2008 9:31	18	51.306	33.77	7.12	8.08	4.5	1.283
87	8/16/2008 9:46	17.84	51.535	33.93	7.08	8.07	5.2	1.364
88	8/16/2008 10:01	17.65	51.409	33.84	7.08	8.06	4.6	1.465
89	8/16/2008 10:16	17.49	51.397	33.83	7.08	8.06	6.2	1.562

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
90	8/16/2008 10:31	17.29	51.094	33.6	7.09	8.05	7.3	1.646
91	8/16/2008 10:46	17.07	51.181	33.67	7.01	8.04	5.1	1.739
92	8/16/2008 11:01	16.95	51.347	33.79	6.94	8.04	4.5	1.821
93	8/16/2008 11:16	16.74	51.046	33.56	6.92	8.03	4.9	1.903
94	8/16/2008 11:31	16.35	51.386	33.81	6.92	8.02	3.8	1.987
95	8/16/2008 11:46	15.88	51.057	33.56	6.98	8.02	4	2.057
96	8/16/2008 12:01	15.48	50.807	33.36	7.14	8.02	3.9	2.141
97	8/16/2008 12:16	14.87	51.08	33.55	7.24	8.02	3.2	2.198
98	8/16/2008 12:31	14.57	50.998	33.48	7.27	8.02	2.7	2.273
99	8/16/2008 12:46	14.45	51.069	33.53	7.27	8.03		2.327
100	8/16/2008 13:01	14.29	50.883	33.39	7.29	8.03	2.4	2.362
101	8/16/2008 13:16	14.11	51.101	33.54	7.4	8.04	3.6	2.396
102	8/16/2008 13:31	14.13	50.964	33.44	7.18	8.03	2.6	2.411
103	8/16/2008 13:46	14.22	51.177	33.6	7.02	8.03	2.1	2.396
104	8/16/2008 14:01	14.26	51.058	33.52	6.94	8.03	2.1	2.359
105	8/16/2008 14:16	14.1	50.812	33.33	7.29	8.04	2.9	2.305
106	8/16/2008 14:31	14.3	50.565	33.16	7.25	8.05	2.7	2.245
107	8/16/2008 14:46	14.69	50.769	33.32	7.53	8.06	3.3	2.161
108	8/16/2008 15:01	15.07	50.926	33.44	7.55	8.07	4.2	2.065
109	8/16/2008 15:16	15.74	51.056	33.55	7.62	8.1	4	1.984
110	8/16/2008 15:31	16.37	51.052	33.56	7.83	8.12	4.2	1.901
111	8/16/2008 15:46	17.15	51.022	33.55	8.28	8.15	4.5	1.818
112	8/16/2008 16:01	17.39	51.161	33.65	8.32	8.15	3.8	1.736
113	8/16/2008 16:16	17.73	51.186	33.68	8.45	8.16	4.2	1.668
114	8/16/2008 16:31	18.01	51.49	33.9	8.48	8.16	3.9	1.601
115	8/16/2008 16:46	18.17	51.172	33.67	8.61	8.18	3.9	1.53
116	8/16/2008 17:01	18.25	51.209	33.7	8.5	8.17	4.9	1.463
117	8/16/2008 17:16	18.41	51.263	33.74	8.77	8.19	3.1	1.412
118	8/16/2008 17:31	18.53	51.519	33.93	8.65	8.19	2.4	1.377
119	8/16/2008 17:46	18.53	51.336	33.79	8.04	8.16	1.8	1.323
120	8/16/2008 18:01	18.59	51.212	33.7	7.78	8.14	7.7	1.285
121	8/16/2008 18:16	18.7	51.747	34.09	7.54	8.12		1.283
122	8/16/2008 18:31	18.79	51.19	33.68	8.03	8.14	2.3	1.282
123	8/16/2008 18:46	18.79	51.376	33.82	8.29	8.17	2.7	1.288
124	8/16/2008 19:01	18.82	51.392	33.83	8.78	8.19	3.1	1.315
125	8/16/2008 19:16	18.76	51.378	33.82	8.99	8.2	3.1	1.376
126	8/16/2008 19:31	18.69	51.335	33.79	8.97	8.2	2.9	1.419
127	8/16/2008 19:46	18.59	51.492	33.91	8.81	8.18	2.5	1.476
128	8/16/2008 20:01	18.4	51.373	33.82	8.68	8.17	3.5	1.554
129	8/16/2008 20:16	18.23	51.275	33.74	8.51	8.15	4.5	1.632
130	8/16/2008 20:31	18.03	51.307	33.77	8.35	8.14	4.1	1.706
131	8/16/2008 20:46	17.82	51.368	33.81	8.24	8.13	3.9	1.776
132	8/16/2008 21:01	17.54	51.3	33.76	8.03	8.11	3.8	1.855
133	8/16/2008 21:16	17.07	51.183	33.67	7.75	8.08	4	1.942
134	8/16/2008 21:31	16.54	51.226	33.69	7.58	8.06	3.8	2.024

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
135	8/16/2008 21:46	16.24	51.204	33.67	7.52	8.05	3.8	2.102
136	8/16/2008 22:01	15.81	50.672	33.27	7.55	8.04	3.7	2.189
137	8/16/2008 22:16	15.34	51.348	33.76	7.52	8.04	2.9	2.269
138	8/16/2008 22:31	14.88	51.101	33.57	7.59	8.04	3.1	2.37
139	8/16/2008 22:46	14.43	51.269	33.68	7.57	8.04	3.4	2.444
140	8/16/2008 23:01	13.81	50.772	33.29	7.7	8.03	2.9	2.521
141	8/16/2008 23:16	13.27	51.244	33.62	7.71	8.03	2.4	2.599
142	8/16/2008 23:31	12.86	51.141	33.53	7.7	8.03	2.4	2.672
143	8/16/2008 23:46	12.71	50.983	33.4	7.62	8.03	1.8	2.726
144	8/17/2008 0:01	12.45	50.92	33.35	7.6	8.02	2.1	2.771
145	8/17/2008 0:16	12.29	50.716	33.19	7.61	8.02	1.7	2.808
146	8/17/2008 0:31	12.38	50.898	33.33	7.47	8.04	1.5	2.823
147	8/17/2008 0:46	12.48	51.011	33.42	7.31	8.03	1.8	2.824
148	8/17/2008 1:01	12.55	51.051	33.45	7.28	8.04	1.6	2.795
149	8/17/2008 1:16	12.6	51.158	33.53	7.28	8.04	1.5	2.735
150	8/17/2008 1:31	12.8	50.926	33.37	7.47	8.02	2.3	2.684
151	8/17/2008 1:46	13.57	51.044	33.48	7.3	8.05	2.7	2.603
152	8/17/2008 2:01	13.62	50.962	33.43	7.28	8.06	2.7	2.491
153	8/17/2008 2:16	14.35	50.883	33.39	7.05	8.06	2.6	2.379
154	8/17/2008 2:31	14.44	51.061	33.52	7.09	8.06	3.2	2.28
155	8/17/2008 2:46	14.7	50.941	33.44	7.12	8.06	4	2.155
156	8/17/2008 3:01	14.95	51.218	33.65	7.14	8.05	3.7	2.037
157	8/17/2008 3:16	15.49	51.138	33.61	7.12	8.04	3.5	1.93
158	8/17/2008 3:31	16.04	50.979	33.5	7.1	8.07	3.7	1.806
159	8/17/2008 3:46	16.33	51.182	33.66	7.1	8.08	3.8	1.7
160	8/17/2008 4:01	16.49	51.354	33.78	7.16	8.08	3.3	1.567
161	8/17/2008 4:16	16.58	51.397	33.82	7.09	8.06	3.4	1.433
162	8/17/2008 4:31	16.57	51.394	33.82	7.06	8.06	3.6	1.314
163	8/17/2008 4:46	16.62	51.339	33.78	7.01	8.04	3.8	1.192
164	8/17/2008 5:01	16.63	51.328	33.77	6.93	8.05	3	1.055
165	8/17/2008 5:16	16.67	51.28	33.73	6.85	8.05	3.5	0.926
166	8/17/2008 5:31	16.86	51.203	33.68	6.82	8.05	3.4	0.809
167	8/17/2008 5:46	16.98	51.488	33.89	6.74	8.05	2.7	0.691
168	8/17/2008 6:01	17.24	51.252	33.72	6.74	8.05	5.2	0.581
169	8/17/2008 6:16	17.4	51.545	33.94	6.77	8.05	3.1	0.511
170	8/17/2008 6:31	17.71	51.172	33.67	6.81	8.05	4.9	0.44
171	8/17/2008 6:46	17.81	51.038	33.57	6.81	8.06	3.1	0.422
172	8/17/2008 7:01	17.9	51.164	33.66	6.57	8.05	2.7	0.401
173	8/17/2008 7:16	18.12	51.025	33.56	6.41	8.05	2.9	0.429
174	8/17/2008 7:31	18.4	51.237	33.72	7.02	8.1	3.1	0.467
175	8/17/2008 7:46	18.53	51.555	33.95	7.18	8.12	3.2	0.513
176	8/17/2008 8:01	18.61	51.539	33.94	7.28	8.12	3.4	0.601
177	8/17/2008 8:16	18.64	51.516	33.92	7.28	8.13	2.9	0.689
178	8/17/2008 8:31	18.6	51.571	33.96	7.21	8.12	3.7	0.778
179	8/17/2008 8:46	18.65	51.386	33.83	7.07	8.1	4.4	0.859

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
180	8/17/2008 9:01	18.65	51.427	33.86	6.88	8.1	4.5	0.972
181	8/17/2008 9:16	18.43	51.352	33.8	7	8.09	4.6	1.055
182	8/17/2008 9:31	18.27	51.356	33.8	7.04	8.09	3.4	1.148
183	8/17/2008 9:46	18.14	51.452	33.87	7.05	8.09	3.1	1.255
184	8/17/2008 10:01	17.93	51.424	33.85	7.05	8.09	3.1	1.355
185	8/17/2008 10:16	17.67	51.389	33.82	7.06	8.07	4.2	1.458
186	8/17/2008 10:31	17.51	51.359	33.8	7	8.06	4	1.546
187	8/17/2008 10:46	17.3	51.35	33.79	7.01	8.05	4.3	1.645
188	8/17/2008 11:01	17.07	51.092	33.6	6.97	8.04	3.9	1.744
189	8/17/2008 11:16	16.8	51.297	33.75	6.97	8.04	3.8	1.826
190	8/17/2008 11:31	16.58	51.134	33.62	6.94	8.04	4.2	1.911
191	8/17/2008 11:46	16.27	51.154	33.63	7.01	8.03	4	2.005
192	8/17/2008 12:01	15.76	51.168	33.64	7.06	8.02	4	2.087
193	8/17/2008 12:16	15.28	51.202	33.65	7.12	8.02	3.7	2.169
194	8/17/2008 12:31	14.75	51.248	33.67	7.2	8.02	3.1	2.247
195	8/17/2008 12:46	14.25	51.114	33.56	7.27	8.02	3.1	2.326
196	8/17/2008 13:01	14.01	50.882	33.38	7.25	8.03	9.7	2.394
197	8/17/2008 13:16	13.7	50.931	33.41	7.29	8.02	2.9	2.446
198	8/17/2008 13:31	13.55	50.945	33.41	7.25	8.02	2.9	2.496
199	8/17/2008 13:46	13.44	51.066	33.49	7.19	8.03	3	2.516
200	8/17/2008 14:01	13.52	50.959	33.42	7.17	8.03	2.1	2.521
201	8/17/2008 14:16	13.68	51.085	33.52	7.1	8.04	2	2.499
202	8/17/2008 14:31	13.69	50.819	33.32	7.07	8.04	2	2.458
203	8/17/2008 14:46	13.72	51.14	33.56	7.01	8.05	2.4	2.396
204	8/17/2008 15:01	14.38	50.928	33.42	7.33	8.06	2.8	2.312
205	8/17/2008 15:16	14.51	51.083	33.54	7.33	8.07	3.7	2.222
206	8/17/2008 15:31	14.95	50.63	33.22	7.38	8.08	3.7	2.125
207	8/17/2008 15:46	15.53	50.785	33.35	7.61	8.09	3.8	2.026
208	8/17/2008 16:01	15.87	51.07	33.57	7.61	8.1	3.4	1.939
209	8/17/2008 16:16	16.16	51.006	33.52	7.57	8.1	3.7	1.838
210	8/17/2008 16:31	16.44	51.033	33.55	8.02	8.12	3.4	1.759
211	8/17/2008 16:46	16.64	51.032	33.55	8.04	8.12	2.9	1.675
212	8/17/2008 17:01	16.73	51.223	33.69	8.34	8.14	3.1	1.589
213	8/17/2008 17:16	16.88	51.188	33.67	8.28	8.13	2.9	1.52
214	8/17/2008 17:31	17.01	50.787	33.37	8.25	8.14	2.9	1.436
215	8/17/2008 17:46	17.14	51.195	33.68	8.33	8.15	2.9	1.38
216	8/17/2008 18:01	17.19	51.368	33.8	8.12	8.14	2.2	1.309
217	8/17/2008 18:16	17.31	51.121	33.62	8.56	8.16	2.1	1.244
218	8/17/2008 18:31	17.47	51.168	33.66	8.77	8.18	1.8	1.206
219	8/17/2008 18:46	17.56	51.15	33.65	8.59	8.16	1.9	1.171
220	8/17/2008 19:01	17.61	51.103	33.61	8.34	8.16	2	1.146
221	8/17/2008 19:16	17.78	51.267	33.74	8.21	8.14	1.8	1.157
222	8/17/2008 19:31	17.92	51.124	33.63	8.78	8.18	2.7	1.166
223	8/17/2008 19:46	18.3	51.117	33.63	8.7	8.19	3.3	1.212
224	8/17/2008 20:01	18.35	51.344	33.8	8.62	8.18	3.5	1.257

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
225	8/17/2008 20:16	18.39	51.269	33.74	8.44	8.17	3.9	1.32
226	8/17/2008 20:31	18.34	51.451	33.87	8.26	8.15	5.4	1.41
227	8/17/2008 20:46	18.38	51.179	33.67	8.14	8.15	5.1	1.486
228	8/17/2008 21:01	18.18	51.442	33.87	8.07	8.13	4.6	1.565
229	8/17/2008 21:16	17.9	51.372	33.81	8.03	8.12	4.3	1.648
230	8/17/2008 21:31	17.7	51.244	33.72	7.92	8.11	3.9	1.733
231	8/17/2008 21:46	17.36	51.355	33.8	7.8	8.09	3.8	1.812
232	8/17/2008 22:01	16.83	51.023	33.55	7.59	8.06	3.7	1.887
233	8/17/2008 22:16	16.46	51.192	33.66	7.46	8.05	3.4	1.978
234	8/17/2008 22:31	16.22	51.271	33.72	7.37	8.04	3.2	2.05
235	8/17/2008 22:46	15.79	51.047	33.55	7.38	8.04	3.1	2.141
236	8/17/2008 23:01	15.35	51.105	33.58	7.45	8.04	3.4	2.229
237	8/17/2008 23:16	15.04	50.852	33.39	7.48	8.04	3.2	2.31
238	8/17/2008 23:31	14.66	51.135	33.58	7.63	8.05	3.4	2.402
239	8/17/2008 23:46	14.17	50.617	33.19	7.78	8.05	2.7	2.48
240	8/18/2008 0:01	13.9	51.072	33.52	7.72	8.05	2.1	2.551
241	8/18/2008 0:16	13.56	50.906	33.38	7.75	8.05	1.7	2.622
242	8/18/2008 0:31	13.34	50.884	33.36	7.66	8.05	1.5	2.679
243	8/18/2008 0:46	13.28	50.599	33.15	7.64	8.06	1.6	2.713
244	8/18/2008 1:01	13.19	50.743	33.25	7.68	8.07	1.6	2.752
245	8/18/2008 1:16	13.16	50.94	33.39	7.57	8.06	1.2	2.763
246	8/18/2008 1:31	13.29	50.628	33.17	7.36	8.06	1.2	2.75
247	8/18/2008 1:46	13.33	50.628	33.17	7.42	8.06	1.4	2.717
248	8/18/2008 2:01	13.36	51.108	33.52	7.41	8.07	1.3	2.669
249	8/18/2008 2:16	13.81	50.718	33.25	7.31	8.06	2.6	2.589
250	8/18/2008 2:31	14.37	50.917	33.42	7.04	8.06	2.4	2.512
251	8/18/2008 2:46	14.53	50.974	33.46	6.99	8.06	2.2	2.402
252	8/18/2008 3:01	14.62	51.098	33.56	6.96	8.06	1.8	2.302
253	8/18/2008 3:16	14.82	50.965	33.46	6.96	8.05	2.2	2.185
254	8/18/2008 3:31	15.03	51.103	33.57	6.95	8.05	2.1	2.073
255	8/18/2008 3:46	15.32	51.077	33.56	6.96	8.06	2.4	1.967
256	8/18/2008 4:01	15.7	50.667	33.27	6.91	8.06	2.2	1.851
257	8/18/2008 4:16	16.03	50.817	33.38	6.88	8.06	2.4	1.728
258	8/18/2008 4:31	16.2	51.214	33.68	6.84	8.06	2	1.605
259	8/18/2008 4:46	16.33	51.119	33.61	6.76	8.05	1.9	1.491
260	8/18/2008 5:01	16.34	51.107	33.6	6.75	8.05	2.1	1.363
261	8/18/2008 5:16	16.39	51.062	33.57	6.58	8.05	1.9	1.242
262	8/18/2008 5:31	16.35	51.08	33.58	6.67	8.04	2	1.128
263	8/18/2008 5:46	16.38	51.284	33.73	6.63	8.04	1.8	0.988
264	8/18/2008 6:01	16.44	51.076	33.58	6.6	8.04	2	0.867
265	8/18/2008 6:16	16.58	51.315	33.76	6.59	8.04	2	0.76
266	8/18/2008 6:31	16.68	51.374	33.8	6.54	8.03	1.8	0.651
267	8/18/2008 6:46	16.8	51.3	33.75	6.47	8.02	2.3	0.582
268	8/18/2008 7:01	16.99	51.279	33.74	6.51	8.02	1.9	0.525
269	8/18/2008 7:16	17.18	51.1	33.61	6.49	8.04	1.9	0.466

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
270	8/18/2008 7:31	17.41	50.989	33.53	6.44	8.03	1.6	0.464
271	8/18/2008 7:46	17.64	51.145	33.64	6.33	8.03	1.4	0.481
272	8/18/2008 8:01	17.83	51.212	33.7	6.44	8.05	1.8	0.529
273	8/18/2008 8:16	18.18	51.07	33.59	6.8	8.08	2.4	0.573
274	8/18/2008 8:31	18.21	51.41	33.84	6.85	8.08	2.4	0.655
275	8/18/2008 8:46	18.27	51.309	33.77	6.91	8.08	2.8	0.754
276	8/18/2008 9:01	18.26	51.374	33.82	6.84	8.08	3	0.845
277	8/18/2008 9:16	18.31	51.345	33.8	6.69	8.06	4.2	0.927
278	8/18/2008 9:31	18.29	51.382	33.82	6.63	8.06	4.2	1.036
279	8/18/2008 9:46	18.05	51.451	33.87	6.7	8.05	4.5	1.142
280	8/18/2008 10:01	17.89	51.292	33.75	6.78	8.05	4.4	1.228
281	8/18/2008 10:16	17.79	51.505	33.91	6.8	8.05	3.8	1.332
282	8/18/2008 10:31	17.53	51.331	33.78	6.8	8.04	4.9	1.436
283	8/18/2008 10:46	17.31	51.386	33.82	6.83	8.04	4.8	1.529
284	8/18/2008 11:01	17.17	51.368	33.8	6.85	8.04	4.7	1.629
285	8/18/2008 11:16	16.94	51.131	33.63	6.87	8.03	4.8	1.731
286	8/18/2008 11:31	16.71	51.176	33.66	6.88	8.03	4.5	1.819
287	8/18/2008 11:46	16.54	51.016	33.54	6.9	8.03	4.5	1.912
288	8/18/2008 12:01	16.28	51.211	33.68	6.94	8.02	4.9	2.01
289	8/18/2008 12:16	15.85	51.372	33.79	7.01	8.02	4.4	2.098
290	8/18/2008 12:31	15.51	51.146	33.61	7.06	8.02	3.7	2.186
291	8/18/2008 12:46	14.98	50.776	33.33	7.25	8.02	3.1	2.276
292	8/18/2008 13:01	14.53	51.047	33.52	7.39	8.03	2.7	2.361
293	8/18/2008 13:16	14.27	50.974	33.46	7.5	8.03	3.2	2.438
294	8/18/2008 13:31	14.05	50.923	33.41	7.53	8.04	2.2	2.512
295	8/18/2008 13:46	13.99	50.957	33.43	7.43	8.05	2	2.566
296	8/18/2008 14:01	13.91	50.917	33.4	7.4	8.05	1.7	2.613
297	8/18/2008 14:16	13.83	50.94	33.42	7.33	8.05	2.1	2.633
298	8/18/2008 14:31	13.87	50.682	33.23	7.22	8.05	1.3	2.636
299	8/18/2008 14:46	13.85	50.635	33.19	7.31	8.05	1.8	2.616
300	8/18/2008 15:01	13.88	50.888	33.38	7.28	8.05	2.1	2.559
301	8/18/2008 15:16	13.99	50.947	33.43	7.11	8.06	1.9	2.488
302	8/18/2008 15:31	14.23	50.64	33.21	7.31	8.06	2.7	2.395
303	8/18/2008 15:46	14.51	50.765	33.31	7.39	8.07	2.4	2.289
304	8/18/2008 16:01	14.83	50.777	33.33	7.47	8.07	2.6	2.2
305	8/18/2008 16:16	15.1	51.095	33.57	7.23	8.07	2.3	2.102
306	8/18/2008 16:31	15.38	51.089	33.57	7.36	8.07	2.2	1.983
307	8/18/2008 16:46	15.77	51.066	33.56	7.34	8.08	2.4	1.892
308	8/18/2008 17:01	16.13	51.195	33.66	7.21	8.08	2.4	1.801
309	8/18/2008 17:16	16.4	51.344	33.78	7.08	8.05	2.3	1.699
310	8/18/2008 17:31	16.78	51.288	33.74	7.28	8.07	2.6	1.592
311	8/18/2008 17:46	16.89	51.197	33.68	7.4	8.09	2.3	1.51
312	8/18/2008 18:01	16.85	51.483	33.88	7.41	8.09	1.8	1.431
313	8/18/2008 18:16	16.81	51.351	33.79	7.3	8.08	1.9	1.328
314	8/18/2008 18:31	16.71	51.296	33.75	7.12	8.08	1.5	1.238

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
315	8/18/2008 18:46	16.66	51.265	33.72	7.31	8.08	1.3	1.17
316	8/18/2008 19:01	16.66	51.099	33.6	7.65	8.09	1.5	1.115
317	8/18/2008 19:16	16.75	51.241	33.71	7.52	8.1	1.4	1.063
318	8/18/2008 19:31	16.85	51.244	33.71	7.55	8.1	1.5	1.009
319	8/18/2008 19:46	17.11	51.198	33.68	7.81	8.12	2.9	1.018
320	8/18/2008 20:01	17.2	51.267	33.73	7.6	8.11	1.8	1.013
321	8/18/2008 20:16	17.38	51.301	33.76	7.73	8.12	1.7	1.034
322	8/18/2008 20:31	17.69	51.345	33.79	7.72	8.12	2.3	1.069
323	8/18/2008 20:46	17.76	51.33	33.78	7.7	8.12	2.6	1.133
324	8/18/2008 21:01	17.88	51.139	33.64	7.72	8.12	3.8	1.225
325	8/18/2008 21:16	17.81	51.605	33.98	7.58	8.11	3.6	1.281
326	8/18/2008 21:31	17.85	51.41	33.84	7.5	8.1	4.5	1.374
327	8/18/2008 21:46	17.74	51.249	33.72	7.51	8.09	4.7	1.463
328	8/18/2008 22:01	17.52	51.286	33.75	7.53	8.08	4.6	1.547
329	8/18/2008 22:16	17.4	51.395	33.83	7.5	8.08	4	1.619
330	8/18/2008 22:31	17.27	51.539	33.93	7.43	8.07	3.4	1.711
331	8/18/2008 22:46	16.77	51.336	33.78	7.34	8.05	3.8	1.803
332	8/18/2008 23:01	16.54	51.41	33.83	7.27	8.04	4.2	1.864
333	8/18/2008 23:16	16.31	51.209	33.68	7.24	8.04	4.2	1.944
334	8/18/2008 23:31	15.97	51.396	33.81	7.26	8.04	3.4	2.031
335	8/18/2008 23:46	15.65	51.174	33.64	7.35	8.04	4	2.117
336	8/19/2008 0:01	15.47	50.918	33.45	7.37	8.04	3.7	2.192
337	8/19/2008 0:16	15.34	51.176	33.63	7.3	8.04	2.4	2.275
338	8/19/2008 0:31	15.04	51.194	33.64	7.36	8.04	2.1	2.36
339	8/19/2008 0:46	14.67	51.214	33.64	7.46	8.04	1.6	2.43
340	8/19/2008 1:01	14.41	51.185	33.61	7.48	8.05	1.6	2.495
341	8/19/2008 1:16	14.07	50.914	33.4	7.53	8.05	1.6	2.56
342	8/19/2008 1:31	13.93	50.593	33.17	7.58	8.05	1.1	2.609
343	8/19/2008 1:46	13.87	50.809	33.32	7.45	8.06	1.3	2.63
344	8/19/2008 2:01	13.87	51.035	33.49	7.3	8.05	1.1	2.65
345	8/19/2008 2:16	13.91	50.767	33.29	7.14	8.05	0.9	2.647
346	8/19/2008 2:31	13.97	50.946	33.43	7.1	8.05	1	2.613
347	8/19/2008 2:46	13.92	51.056	33.5	7.2	8.06	1.5	2.554
348	8/19/2008 3:01	13.93	50.979	33.45	7.29	8.06	1.6	2.485
349	8/19/2008 3:16	14.24	50.698	33.25	7.1	8.05	1.9	2.396
350	8/19/2008 3:31	14.67	50.819	33.35	6.84	8.04	1.8	2.303
351	8/19/2008 3:46	14.82	50.849	33.38	6.76	8.04	1.7	2.198
352	8/19/2008 4:01	14.98	50.827	33.37	6.72	8.03	1.7	2.087
353	8/19/2008 4:16	15.27	51.181	33.63	6.62	8.03	1.8	1.985
354	8/19/2008 4:31	15.62	50.893	33.43	6.53	8.03	2.1	1.873
355	8/19/2008 4:46	16	50.944	33.48	6.42	8.02	2.3	1.769
356	8/19/2008 5:01	16.19	51.266	33.71	6.39	8.03	3.2	1.653
357	8/19/2008 5:16	16.32	51.102	33.6	6.35	8.01	2.7	1.539
358	8/19/2008 5:31	16.33	51.221	33.68	6.31	8.02	2.3	1.435
359	8/19/2008 5:46	16.31	51.264	33.72	6.23	8.01	2.7	1.315

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
360	8/19/2008 6:01	16.27	51.319	33.76	6.15	8	2.4	1.195
361	8/19/2008 6:16	16.21	51.277	33.72	6.16	8	3.1	1.077
362	8/19/2008 6:31	16.18	51.2	33.67	6.21	8.01	2.4	0.951
363	8/19/2008 6:46	16.24	50.999	33.52	6.14	8	2	0.859
364	8/19/2008 7:01	16.35	51.127	33.62	6.09	8	2.3	0.764
365	8/19/2008 7:16	16.4	50.912	33.46	6.05	8.01	2.1	0.678
366	8/19/2008 7:31	16.48	51.262	33.72	6.14	8.01	1.6	0.611
367	8/19/2008 7:46	16.65	51.222	33.69	6.1	7.99	1.7	0.596
368	8/19/2008 8:01	16.82	51.21	33.68	5.96	7.96	1.2	0.589
369	8/19/2008 8:16	16.89	51.032	33.55	5.89	7.99	1.3	0.576
370	8/19/2008 8:31	17.11	51.196	33.68	6.17	8.01	3.2	0.624
371	8/19/2008 8:46	17.43	51.395	33.83	6.29	8.02	2.3	0.707
372	8/19/2008 9:01	17.54	51.418	33.85	6.38	8.02	2.5	0.778
373	8/19/2008 9:16	17.64	51.508	33.91	6.4	8.03	2.7	0.846
374	8/19/2008 9:31	17.62	51.494	33.9	6.31	8.02	4	0.946
375	8/19/2008 9:46	17.67	51.247	33.72	6.22	8	4.9	1.049
376	8/19/2008 10:01	17.45	51.271	33.74	6.25	8	4.4	1.147
377	8/19/2008 10:16	17.3	51.102	33.61	6.26	7.99	4.1	1.232
378	8/19/2008 10:31	17.22	51.415	33.84	6.23	8	3.9	1.327
379	8/19/2008 10:46	17.21	51.459	33.87	6.28	8	4.1	1.434
380	8/19/2008 11:01	17.04	51.225	33.7	6.41	8	4.5	1.53
381	8/19/2008 11:16	16.84	51.383	33.81	6.47	8	4	1.633
382	8/19/2008 11:31	16.75	51.36	33.79	6.54	8	4.4	1.712
383	8/19/2008 11:46	16.56	51.191	33.67	6.58	8	3.9	1.811
384	8/19/2008 12:01	16.33	51.177	33.65	6.66	8	4.4	1.912
385	8/19/2008 12:16	16.18	51.332	33.76	6.7	8	4.9	2.003
386	8/19/2008 12:31	15.91	51.265	33.71	6.83	8.01	4.4	2.083
387	8/19/2008 12:46	15.57	51.074	33.56	7.01	8.01	4.9	2.185
388	8/19/2008 13:01	15.2	50.766	33.33	7.19	8.02	3.6	2.277
389	8/19/2008 13:16	14.75	51.038	33.52	7.33	8.02	2.5	2.357
390	8/19/2008 13:31	14.36	51.099	33.55	7.5	8.03	2.3	2.451
391	8/19/2008 13:46	14.22	50.721	33.27	7.57	8.03	2.3	2.53
392	8/19/2008 14:01	14.04	51.057	33.51	7.53	8.04	1.5	2.597
393	8/19/2008 14:16	13.86	50.996	33.46	7.5	8.03		2.657
394	8/19/2008 14:31	13.83	50.773	33.29	7.35	8.03	1.3	2.698
395	8/19/2008 14:46	13.63	50.832	33.33	7.24	8.03	1	2.714
396	8/19/2008 15:01	13.54	50.918	33.39	7.19	8.02	1.3	2.723
397	8/19/2008 15:16	13.66	51.093	33.52	6.98	8.02	1	2.692
398	8/19/2008 15:31	13.69	50.813	33.32	6.9	8.02	1.4	2.635
399	8/19/2008 15:46	13.74	50.783	33.3	7.26	8.04	2.3	2.557
400	8/19/2008 16:01	14.29	50.965	33.45	7.58	8.06	2.3	2.474
401	8/19/2008 16:16	14.64	50.67	33.24	7.58	8.07	3.3	2.372
402	8/19/2008 16:31	15.2	50.886	33.42	7.7	8.08	3.5	2.259
403	8/19/2008 16:46	15.63	50.78	33.35	7.91	8.09	3.1	2.145
404	8/19/2008 17:01	15.96	50.952	33.48	7.81	8.09	3.1	2.047

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
405	8/19/2008 17:16	16.45	50.971	33.5	7.97	8.1	3.1	1.942
406	8/19/2008 17:31	16.86	51.081	33.59	8.01	8.11	3.4	1.823
407	8/19/2008 17:46	17.11	51.208	33.69	8.08	8.11	2.8	1.734
408	8/19/2008 18:01	17.12	51.203	33.68	7.75	8.1	2.3	1.635
409	8/19/2008 18:16	17.22	51.258	33.72	7.94	8.09	2.4	1.519
410	8/19/2008 18:31	17.36	51.041	33.57	8.01	8.12	2.6	1.414
411	8/19/2008 18:46	17.56	51.081	33.6	8.4	8.14	2.7	1.335
412	8/19/2008 19:01	17.49	51.329	33.78	8.46	8.13	2.9	1.222
413	8/19/2008 19:16	17.37	51.035	33.56	8.53	8.14	2.6	1.132
414	8/19/2008 19:31	17.47	50.569	33.22	8.52	8.16	2.6	1.057
415	8/19/2008 19:46	17.52	51.045	33.57	8.4	8.14	2.5	0.979
416	8/19/2008 20:01	17.62	51.073	33.59	8.37	8.14	2.4	0.925
417	8/19/2008 20:16	17.65	51.097	33.61	7.85	8.11	2.1	0.895
418	8/19/2008 20:31	18.03	51.317	33.77	7.86	8.12	2.1	0.882
419	8/19/2008 20:46	18.24	51.091	33.61	7.66	8.09	1.1	0.888
420	8/19/2008 21:01	18.51	51.113	33.63	7.8	8.12	1.8	0.921
421	8/19/2008 21:16	18.64	51.171	33.67	8.17	8.14	2.2	0.969
422	8/19/2008 21:31	18.68	51.108	33.62	8.46	8.15	3.1	1.03
423	8/19/2008 21:46	18.71	51.297	33.76	8.5	8.14	2.9	1.101
424	8/19/2008 22:01	18.72	51.36	33.81	8.35	8.14	3.4	1.19
425	8/19/2008 22:16	18.93	51.254	33.73	8.16	8.12	4.1	1.276
426	8/19/2008 22:31	18.82	51.296	33.76	8.06	8.11	3.5	1.349
427	8/19/2008 22:46	18.44	51.178	33.67	8.21	8.11	3.2	1.434
428	8/19/2008 23:01	18.27	51.091	33.61	8.2	8.11	3.4	1.52
429	8/19/2008 23:16	18.07	51.219	33.7	8.16	8.1	2.9	1.589
430	8/19/2008 23:31	17.57	51.077	33.59	7.88	8.08	3.1	1.675
431	8/19/2008 23:46	17.27	51.101	33.61	7.75	8.06	3.2	1.751
432	8/20/2008 0:01	17.14	51.213	33.69	7.7	8.06	2.8	1.823
433	8/20/2008 0:16	17.02	51.157	33.65	7.62	8.05	3.1	1.909
434	8/20/2008 0:31	16.7	51.233	33.7	7.6	8.05	2.4	1.991
435	8/20/2008 0:46	16.47	50.917	33.46	7.58	8.05	2.7	2.059
436	8/20/2008 1:01	16.31	51.266	33.72	7.51	8.04	2.2	2.139
437	8/20/2008 1:16	16.03	50.901	33.44	7.56	8.04	2.1	2.22
438	8/20/2008 1:31	15.69	51.166	33.63	7.54	8.04	1.8	2.286
439	8/20/2008 1:46	15.45	51.152	33.62	7.48	8.04	1.6	2.348
440	8/20/2008 2:01	15.11	50.905	33.43	7.47	8.03	1.2	2.41
441	8/20/2008 2:16	14.94	50.928	33.44	7.4	8.03	1.3	2.459
442	8/20/2008 2:31	14.78	50.973	33.47	7.33	8.03	0.9	2.495
443	8/20/2008 2:46	14.62	50.933	33.44	7.34	8.04	1.2	2.511
444	8/20/2008 3:01	14.55	50.756	33.3	7.23	8.03	1	2.523
445	8/20/2008 3:16	14.62	50.986	33.47	7.1	8.03	1.2	2.502
446	8/20/2008 3:31	14.61	51.074	33.54	7.04	8.03	0.9	2.458
447	8/20/2008 3:46	14.59	51.153	33.6	7.1	8.04	1	2.399
448	8/20/2008 4:01	14.79	50.802	33.34	7.14	8.04	1.9	2.317
449	8/20/2008 4:16	15.23	51.137	33.6	7.07	8.04	2	2.235

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
450	8/20/2008 4:31	15.44	50.999	33.5	7.01	8.04	2	2.135
451	8/20/2008 4:46	15.64	51.157	33.62	6.92	8.04	2.1	2.032
452	8/20/2008 5:01	15.9	50.865	33.42	6.86	8.03	2.2	1.923
453	8/20/2008 5:16	16.22	50.99	33.51	6.73	8.03	2	1.825
454	8/20/2008 5:31	16.64	51.145	33.63	6.58	8.02	2.6	1.726
455	8/20/2008 5:46	16.85	51.237	33.7	6.51	8.01	2.3	1.618
456	8/20/2008 6:01	16.99	51.367	33.8	6.52	8.01	2.4	1.519
457	8/20/2008 6:16	17.09	51.26	33.72	6.42	8	2.3	1.417
458	8/20/2008 6:31	17.08	50.845	33.42	6.4	8	2.3	1.311
459	8/20/2008 6:46	17.08	51.302	33.75	6.23	7.99	2	1.211
460	8/20/2008 7:01	16.95	51.268	33.73	6.21	7.98	2.4	1.108
461	8/20/2008 7:16	16.96	50.908	33.46	6.27	7.99	3.2	1.018
462	8/20/2008 7:31	17.01	51.196	33.68	6.25	7.98	2	0.924
463	8/20/2008 7:46	17.13	51.238	33.71	6.29	7.99	2.5	0.856
464	8/20/2008 8:01	17.24	51.191	33.67	6.35	7.99	2.1	0.815
465	8/20/2008 8:16	17.51	51.152	33.65	6.34	8	2.5	0.77
466	8/20/2008 8:31	17.58	51.028	33.56	6.28	7.99	1.5	0.771
467	8/20/2008 8:46	17.8	51.238	33.71	6.16	7.98	1.2	0.776
468	8/20/2008 9:01	17.98	51.018	33.55	6.46	8	1.9	0.819
469	8/20/2008 9:16	18.17	50.43	33.12	6.54	8.01	1.8	0.86
470	8/20/2008 9:31	18.28	51.394	33.83	6.41	8	1.6	0.938
471	8/20/2008 9:46	18.36	51.462	33.88	6.37	8	1.5	1.022
472	8/20/2008 10:01	18.39	50.415	33.11	6.45	7.99	2.9	1.111
473	8/20/2008 10:16	18.47	51.36	33.81	6.32	7.99	4	1.203
474	8/20/2008 10:31	18.42	50.451	33.14	6.36	7.98	3.5	1.291
475	8/20/2008 10:46	18.08	51.054	33.58	6.43	7.98	3.1	1.389
476	8/20/2008 11:01	17.93	51.09	33.61	6.47	7.99	3.4	1.469
477	8/20/2008 11:16	17.82	51.254	33.73	6.61	7.99	2.9	1.558
478	8/20/2008 11:31	17.56	51.455	33.87	6.67	7.99	2.9	1.654
479	8/20/2008 11:46	17.32	50.404	33.1	6.86	8	3.3	1.734
480	8/20/2008 12:01	17.17	50.999	33.53	6.87	8	2.9	1.826
481	8/20/2008 12:16	16.89	51.023	33.55	6.92	8	3.1	1.919
482	8/20/2008 12:31	16.62	51.083	33.59	7.01	8	3.3	2.007
483	8/20/2008 12:46	16.37	51.001	33.52	7.07	8.01	3.2	2.101
484	8/20/2008 13:01	16.03	51.141	33.62	7.09	8	2.4	2.2
485	8/20/2008 13:16	15.69	51.238	33.69	7.1	8	2.3	2.291
486	8/20/2008 13:31	15.29	50.957	33.47	7.18	8	1.7	2.381
487	8/20/2008 13:46	14.82	50.987	33.48	7.35	8.01	1.7	2.475
488	8/20/2008 14:01	14.45	51.086	33.54	7.47	8.01	1.5	2.555
489	8/20/2008 14:16	14.28	50.637	33.21	7.49	8.01	1.2	2.637
490	8/20/2008 14:31	14.2	50.823	33.34	7.47	8.02	1.2	2.699
491	8/20/2008 14:46	14.17	50.14	32.84	7.41	8.02	1.3	2.753
492	8/20/2008 15:01	14.14	50.898	33.4	7.24	8.02	1	2.784
493	8/20/2008 15:16	14.17	50.959	33.44	7.11	8.02	1.2	2.796
494	8/20/2008 15:31	14.22	49.938	32.7	6.99	8	1	2.797

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
495	8/20/2008 15:46	14.27	50.779	33.31	6.89	8.01	1.1	2.767
496	8/20/2008 16:01	14.26	50.875	33.38	6.86	8.01	1.3	2.702
497	8/20/2008 16:16	14.21	51.002	33.47	7.03	8.02	1.3	2.637
498	8/20/2008 16:31	14.39	50.916	33.42	7.24	8.03	2.1	2.548
499	8/20/2008 16:46	14.61	50.968	33.46	7.25	8.04	1.9	2.448
500	8/20/2008 17:01	15.06	50.241	32.94	7.37	8.04	2.1	2.337
501	8/20/2008 17:16	15.45	50.021	32.79	7.38	8.04	2.6	2.237
502	8/20/2008 17:31	15.7	50.37	33.05	7.29	8.03	2.3	2.129
503	8/20/2008 17:46	16.01	50.725	33.31	7.29	8.04	2.3	2.013
504	8/20/2008 18:01	16.34	50.51	33.16	7.19	8.04	2.1	1.921
505	8/20/2008 18:16	16.61	50.959	33.5	6.96	8.03	2.2	1.803
506	8/20/2008 18:31	16.85	50.352	33.05	6.97	8.03	2.3	1.695
507	8/20/2008 18:46	16.98	50.996	33.53	6.94	8.03	2.3	1.598
508	8/20/2008 19:01	17.05	50.188	32.94	7	8.03	2.3	1.479
509	8/20/2008 19:16	17.1	50.777	33.37	7	8.03	2.3	1.371
510	8/20/2008 19:31	17.12	50.866	33.43	7.02	8.03	2	1.27
511	8/20/2008 19:46	17.12	50.834	33.41	6.95	8.02	2	1.169
512	8/20/2008 20:01	17.15	50.082	32.86	6.87	8.02	2	1.076
513	8/20/2008 20:16	17.18	50.292	33.01	6.89	8.01	1.9	0.98
514	8/20/2008 20:31	17.25	50.839	33.42	6.91	8.01	1.9	0.899
515	8/20/2008 20:46	17.39	50.085	32.86	6.8	8.01	2	0.858
516	8/20/2008 21:01	17.45	50.07	32.85	6.67	7.99	1.7	0.81
517	8/20/2008 21:16	17.55	50.192	32.94	6.6	8	1.6	0.784
518	8/20/2008 21:31	17.66	50.17	32.93	6.59	7.99	1.4	0.8
519	8/20/2008 21:46	17.75	49.999	32.8	6.69	8	1.8	0.826
520	8/20/2008 22:01	17.98	51.179	33.67	6.66	8.01	1.7	0.846
521	8/20/2008 22:16	18.11	50.759	33.36	6.7	8.01	1.5	0.917
522	8/20/2008 22:31	18.39	50.07	32.86	6.97	8.04	1.8	0.999
523	8/20/2008 22:46	18.49	51.582	33.97	7.09	8.03	2.9	1.068
524	8/20/2008 23:01	18.57	50.371	33.08	6.95	8.02	3.1	1.152
525	8/20/2008 23:16	18.58	50.552	33.21	6.94	8.01	2.9	1.24
526	8/20/2008 23:31	18.48	50.186	32.94	6.95	8.01	2.9	1.312
527	8/20/2008 23:46	18.26	50.078	32.86	6.98	8	2.5	1.39
528	8/21/2008 0:01	18.12	50.393	33.1	7.05	8	2.8	1.465
529	8/21/2008 0:16	17.95	50.307	33.03	7	8.01	2.3	1.544
530	8/21/2008 0:31	17.62	51.201	33.69	7.03	8.01	2.6	1.624
531	8/21/2008 0:46	17.41	50.211	32.96	7.05	8	3.1	1.694
532	8/21/2008 1:01	17.31	50.158	32.92	7.01	8	1.9	1.763
533	8/21/2008 1:16	17.2	51.061	33.58	6.93	7.99	2.1	1.841
534	8/21/2008 1:31	16.96	50.614	33.25	6.99	7.99	2.2	1.919
535	8/21/2008 1:46	16.72	50.177	32.92	7.03	7.99	2.2	1.986
536	8/21/2008 2:01	16.56	51.175	33.65	7.05	7.99	2	2.054
537	8/21/2008 2:16	16.44	50.101	32.86	7.07	7.99	1.7	2.12
538	8/21/2008 2:31	16.26	50.652	33.27	7.01	7.99	1.4	2.182
539	8/21/2008 2:46	16.04	50.166	32.91	7.04	7.99	1	2.244

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
540	8/21/2008 3:01	15.87	51.09	33.58	6.9	7.99	0.9	2.28
541	8/21/2008 3:16	15.69	50.017	32.79	6.86	7.98	0.7	2.331
542	8/21/2008 3:31	15.58	50.492	33.14	6.8	7.98	0.7	2.355
543	8/21/2008 3:46	15.53	50.917	33.45	6.71	7.98	1.3	2.367
544	8/21/2008 4:01	15.55	50.081	32.83	6.63	7.98	1	2.354
545	8/21/2008 4:16	15.51	50.486	33.13	6.42	7.97	0.9	2.335
546	8/21/2008 4:31	15.42	49.919	32.71	6.59	7.98	1.8	2.289
547	8/21/2008 4:46	15.38	50.075	32.83	6.71	7.99	2	2.234
548	8/21/2008 5:01	15.58	50.245	32.95	6.74	8	2	2.147
549	8/21/2008 5:16	15.84	50.405	33.08	6.8	7.99	2.5	2.072
550	8/21/2008 5:31	16.05	50.175	32.91	6.65	7.99	2.8	1.984
551	8/21/2008 5:46	16.28	50.348	33.04	6.49	7.98	2.1	1.904
552	8/21/2008 6:01	16.44	49.958	32.76	6.44	7.98	2.7	1.805
553	8/21/2008 6:16	16.66	50.98	33.51	6.26	7.97	2.6	1.709
554	8/21/2008 6:31	16.88	50.078	32.85	6.07	7.96	2.6	1.645
555	8/21/2008 6:46	16.98	50.233	32.97	5.94	7.95	2.6	1.533
556	8/21/2008 7:01	17.03	50.089	32.86	5.83	7.92	2.4	1.465
557	8/21/2008 7:16	17.01	49.994	32.79	5.85	7.92	2.4	1.387
558	8/21/2008 7:31	17.03	51.337	33.78	5.8	7.92	2.6	1.302
559	8/21/2008 7:46	16.99	50.151	32.91	5.84	7.93	2.2	1.211
560	8/21/2008 8:01	16.99	50.045	32.83	5.84	7.92	2.4	1.156
561	8/21/2008 8:16	17.08	50.434	33.12	5.83	7.92	3.1	1.09
562	8/21/2008 8:31	17.2	50.132	32.9	5.96	7.93	2.7	1.055
563	8/21/2008 8:46	17.27	50.212	32.96	5.86	7.93	2.1	1.034
564	8/21/2008 9:01	17.45	50.208	32.95	5.78	7.93	1.8	0.991
565	8/21/2008 9:16	17.68	50.996	33.54	5.65	7.93	1.5	0.993
566	8/21/2008 9:31	17.9	50.275	33.01	5.5	7.92	1.5	1.023
567	8/21/2008 9:46	18.04	50.618	33.26	5.61	7.93	2	1.054
568	8/21/2008 10:01	18.06	50.824	33.41	5.83	7.93	2.3	1.103
569	8/21/2008 10:16	18.13	50.157	32.92	5.95	7.94	2.6	1.17
570	8/21/2008 10:31	18.1	50.256	32.99	6	7.93	2.6	1.257
571	8/21/2008 10:46	18.07	50.258	33	5.95	7.93	3.1	1.341
572	8/21/2008 11:01	18.07	50.374	33.08	5.9	7.92	3.4	1.403
573	8/21/2008 11:16	17.94	50.224	32.97	5.9	7.92	2.9	1.477
574	8/21/2008 11:31	17.7	50.797	33.39	5.98	7.92	2.9	1.573
575	8/21/2008 11:46	17.56	50.33	33.05	6.07	7.92	3.3	1.647
576	8/21/2008 12:01	17.31	51.076	33.59	6.22	7.94	2.4	1.74
577	8/21/2008 12:16	17.06	50.566	33.21	6.53	7.95	3.4	1.822
578	8/21/2008 12:31	16.97	50.589	33.23	6.62	7.96	3.2	1.914
579	8/21/2008 12:46	16.9	50.32	33.03	6.71	7.97	3.2	1.993
580	8/21/2008 13:01	16.6	50.767	33.35	6.79	7.97	3.7	2.083
581	8/21/2008 13:16	16.37	51.032	33.55	6.88	7.98	4.2	2.17
582	8/21/2008 13:31	16.26	50.113	32.87	6.98	7.98	3.4	2.258
583	8/21/2008 13:46	15.91	50.109	32.86	7.14	7.98	4.6	2.365
584	8/21/2008 14:01	15.57	50.11	32.86	7.32	7.99	3.3	2.44

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
585	8/21/2008 14:16	15.15	49.974	32.75	7.56	8	2.9	2.543
586	8/21/2008 14:31	14.84	49.94	32.71	7.65	8.01	2.6	2.609
587	8/21/2008 14:46	14.68	49.934	32.71	7.69	8.02	2.2	2.678
588	8/21/2008 15:01	14.67	50.07	32.81	7.66	8.02	2	2.743
589	8/21/2008 15:16	14.69	50.635	33.22	7.57	8.02	1.8	2.79
590	8/21/2008 15:31	14.62	50.734	33.29	7.5	8.02	1.6	2.832
591	8/21/2008 15:46	14.62	49.633	32.49	7.4	8.01	2	2.846
592	8/21/2008 16:01	14.63	49.833	32.63	7.34	8	1.8	2.834
593	8/21/2008 16:16	14.65	49.759	32.58	7.33	8.01	1.5	2.821
594	8/21/2008 16:31	14.57	49.809	32.61	7.5	8.02	1.8	2.772
595	8/21/2008 16:46	14.58	49.671	32.51	7.7	8.03	2.4	2.71
596	8/21/2008 17:01	14.95	49.638	32.5	7.65	8.03	2.9	2.639
597	8/21/2008 17:16	15.4	49.725	32.57	7.74	8.05	3.2	2.533
598	8/21/2008 17:31	15.6	49.709	32.56	7.77	8.05	3.3	2.438
599	8/21/2008 17:46	15.69	50.299	33	7.72	8.04	4.5	2.345
600	8/21/2008 18:01	15.97	50.744	33.33	7.62	8.05	4.1	2.239
601	8/21/2008 18:16	16.33	49.95	32.75	7.55	8.04	3.8	2.117
602	8/21/2008 18:31	16.71	50.194	32.94	7.37	8.04	4.3	2.022
603	8/21/2008 18:46	17.03	50.387	33.08	7.37	8.04	4.7	1.928
604	8/21/2008 19:01	17.26	49.953	32.77	7.37	8.05	4.4	1.801
605	8/21/2008 19:16	17.33	50.086	32.86	7.27	8.04	4.9	1.699
606	8/21/2008 19:31	17.16	49.984	32.79	7.04	8.02	5.2	1.587
607	8/21/2008 19:46	16.94	50.288	33.01	6.95	8.01	7	1.49
608	8/21/2008 20:01	16.87	50.404	33.09	6.81	8	6.3	1.371
609	8/21/2008 20:16	16.82	49.933	32.75	6.72	7.99	7.3	1.263
610	8/21/2008 20:31	16.9	50.802	33.38	6.59	7.99	6	1.159
611	8/21/2008 20:46	16.97	50.811	33.39	6.55	7.98	6.8	1.063
612	8/21/2008 21:01	17.06	50.027	32.82	6.38	7.96	6	0.959
613	8/21/2008 21:16	17.19	50.14	32.9	6.46	7.96	4.8	0.867
614	8/21/2008 21:31	17.32	50.255	32.99	6.46	7.96	4.9	0.808
615	8/21/2008 21:46	17.47	49.964	32.78	6.39	7.96	5	0.754
616	8/21/2008 22:01	17.67	51.045	33.57	6.07	7.96	5.2	0.711
617	8/21/2008 22:16	17.97	50.129	32.9	6.56	7.97	7.1	0.71
618	8/21/2008 22:31	18.15	50.054	32.85	6.48	7.97	4.8	0.727
619	8/21/2008 22:46	18.54	50.264	33	6.61	7.98	5.7	0.738
620	8/21/2008 23:01	18.83	50.99	33.54	6.83	8.01	6.3	0.792
621	8/21/2008 23:16	18.89	50.388	33.09	7.04	8.02	7.8	0.862
622	8/21/2008 23:31	19	50.106	32.89	7.15	8.05	7.6	0.936
623	8/21/2008 23:46	19.02	50.304	33.03	7.24	8.05	9.2	1.025
624	8/22/2008 0:01	19.23	50.283	33.02	7.05	8.03	8	1.091
625	8/22/2008 0:16	19.21	50.044	32.84	6.98	8.01	6.5	1.16
626	8/22/2008 0:31	19.07	51.174	33.67	6.99	8.01	6.9	1.248
627	8/22/2008 0:46	18.88	50.381	33.09	7.1	8.01	5.8	1.323
628	8/22/2008 1:01	18.72	50.789	33.39	7.11	8.01	5.8	1.389
629	8/22/2008 1:16	18.6	51.108	33.62	7.09	8.01	4.9	1.461

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
630	8/22/2008 1:31	18.4	50.428	33.12	7.17	8.01	4.9	1.524
631	8/22/2008 1:46	18.22	51.05	33.58	7.22	8.01	4.5	1.608
632	8/22/2008 2:01	18.14	51.046	33.58	7.2	8.01	4.6	1.676
633	8/22/2008 2:16	18.06	50.073	32.86	7.26	8.01	4.2	1.729
634	8/22/2008 2:31	17.84	50.224	32.97	7.29	8.01	3.7	1.801
635	8/22/2008 2:46	17.62	50.041	32.83	7.32	8.01	3.4	1.859
636	8/22/2008 3:01	17.48	51.419	33.85	7.26	8	3.2	1.916
637	8/22/2008 3:16	17.37	50.533	33.19	7.25	8.01	3.5	1.972
638	8/22/2008 3:31	17.28	50.39	33.09	7.32	8.01	3	2.033
639	8/22/2008 3:46	17.17	50.386	33.08	7.3	8.01	3	2.078
640	8/22/2008 4:01	17.03	51.097	33.6	7.29	8.01	2.7	2.12
641	8/22/2008 4:16	16.89	50.92	33.47	7.21	8	2.3	2.15
642	8/22/2008 4:31	16.81	50.998	33.53	7.04	8	2	2.173
643	8/22/2008 4:46	16.75	50.008	32.8	6.95	7.99	1.5	2.183
644	8/22/2008 5:01	16.75	49.92	32.74	6.8	7.98	2	2.176
645	8/22/2008 5:16	16.77	50.229	32.96	6.57	7.97	2	2.135
646	8/22/2008 5:31	16.73	50.126	32.89	6.66	7.98	2.1	2.109
647	8/22/2008 5:46	16.76	50.863	33.43	6.58	7.98	2.4	2.05
648	8/22/2008 6:01	16.94	50.759	33.35	6.25	7.96	3.7	1.984
649	8/22/2008 6:16	17.09	50.868	33.44	6.09	7.95	3.5	1.915
650	8/22/2008 6:31	17.2	50.917	33.47	5.95	7.94	2.8	1.846
651	8/22/2008 6:46	17.27	50.977	33.52	5.88	7.93	3.5	1.765
652	8/22/2008 7:01	17.34	51.347	33.79	5.87	7.89	3.5	1.704
653	8/22/2008 7:16	17.39	50.968	33.51	5.87	7.92	3.8	1.625
654	8/22/2008 7:31	17.49	50.936	33.49	5.9	7.93	6.8	1.568
655	8/22/2008 7:46	17.51	51.016	33.55	5.82	7.92	3.8	1.503
656	8/22/2008 8:01	17.51	49.986	32.79	5.75	7.92	5.2	1.424
657	8/22/2008 8:16	17.54	50.353	33.06	5.78	7.92	3.4	1.371
658	8/22/2008 8:31	17.54	50.291	33.02	5.81	7.92	3.1	1.318
659	8/22/2008 8:46	17.57	50.368	33.07	5.76	7.93	2.8	1.264
660	8/22/2008 9:01	17.58	51.102	33.61	5.69	7.93	2.7	1.218
661	8/22/2008 9:16	17.63	50.21	32.96	5.76	7.92	2.4	1.194
662	8/22/2008 9:31	17.71	51.155	33.65	5.64	7.92	2.4	1.179
663	8/22/2008 9:46	17.85	50.865	33.44	5.61	7.91	1.9	1.168
664	8/22/2008 10:01	17.95	50.871	33.45	5.48	7.91	1.6	1.178
665	8/22/2008 10:16	18.16	51.008	33.55	5.8	7.94	4.3	1.206
666	8/22/2008 10:31	18.26	51.116	33.63	5.87	7.94	3.4	1.247
667	8/22/2008 10:46	18.27	51.099	33.61	6.01	7.95	3.5	1.296
668	8/22/2008 11:01	18.27	50.483	33.16	5.93	7.95	3.8	1.346
669	8/22/2008 11:16	18.23	50.602	33.25	6.17	7.95	4.4	1.424
670	8/22/2008 11:31	18.22	51.141	33.65	6.15	7.95	5	1.493
671	8/22/2008 11:46	18.16	50.038	32.83	6.22	7.95	4.5	1.562
672	8/22/2008 12:01	17.99	50.669	33.3	6.3	7.95	4	1.634
673	8/22/2008 12:16	17.86	51.023	33.56	6.3	7.94	3.6	1.705
674	8/22/2008 12:31	17.77	50.067	32.85	6.38	7.95	3.8	1.779

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
675	8/22/2008 12:46	17.58	50.132	32.9	6.42	7.96	3.4	1.856
676	8/22/2008 13:01	17.39	50.117	32.89	6.74	7.97	4.8	1.931
677	8/22/2008 13:16	17.26	50.859	33.43	6.99	7.98	5.3	2.012
678	8/22/2008 13:31	17.08	50.776	33.37	7.12	7.99	5.6	2.093
679	8/22/2008 13:46	16.84	50.949	33.49	7.27	8	3.8	2.183
680	8/22/2008 14:01	16.62	50.726	33.33	7.38	8.01	3.4	2.264
681	8/22/2008 14:16	16.39	50.883	33.44	7.47	8.01	4.8	2.353
682	8/22/2008 14:31	16.16	50.132	32.88	7.54	8.01	3.5	2.437
683	8/22/2008 14:46	15.96	50.696	33.29	7.62	8.02	3	2.523
684	8/22/2008 15:01	15.8	50.738	33.32	7.68	8.03	2.6	2.597
685	8/22/2008 15:16	15.69	50.626	33.24	7.61	8.03	2.2	2.666
686	8/22/2008 15:31	15.52	50.408	33.07	7.67	8.03	2.4	2.729
687	8/22/2008 15:46	15.4	50.012	32.78	7.68	8.04	2.3	2.775
688	8/22/2008 16:01	15.36	50.092	32.84	7.59	8.04	1.6	2.819
689	8/22/2008 16:16	15.3	49.588	32.47	7.52	8.04	1.6	2.836
690	8/22/2008 16:31	15.36	49.881	32.68	7.55	8.03	1.3	2.846
691	8/22/2008 16:46	15.46	50.541	33.17	7.35	8.03	1.4	2.829
692	8/22/2008 17:01	15.44	49.821	32.64	7.33	8.03	1.6	2.792
693	8/22/2008 17:16	15.4	49.849	32.66	7.32	8.03	2.3	2.741
694	8/22/2008 17:31	15.48	49.693	32.55	7.32	8.04	2.2	2.668
695	8/22/2008 17:46	15.83	50.623	33.24	7.43	8.05	2.3	2.594
696	8/22/2008 18:01	16.07	49.873	32.69	7.42	8.04	2.3	2.501
697	8/22/2008 18:16	16.35	50.023	32.81	7.63	8.05	4	2.396
698	8/22/2008 18:31	16.39	50.426	33.1	7.59	8.05	3.6	2.304
699	8/22/2008 18:46	16.46	49.862	32.69	7.54	8.04	3.1	2.206
700	8/22/2008 19:01	16.61	50.243	32.97	7.37	8.03	3.1	2.099
701	8/22/2008 19:16	17.02	50.648	33.27	7.43	8.04	3.6	2
702	8/22/2008 19:31	17.41	50.762	33.36	7.38	8.04	3.9	1.89
703	8/22/2008 19:46	17.57	50.792	33.38	7.35	8.04	3.7	1.791
704	8/22/2008 20:01	17.6	49.861	32.7	7.17	8.02	2.9	1.677
705	8/22/2008 20:16	17.79	50.848	33.43	7.2	8.02	3.2	1.565
706	8/22/2008 20:31	17.79	50.963	33.51	7.2	8.02	3.1	1.459
707	8/22/2008 20:46	17.77	50.99	33.53	7.22	8.02	3	1.352
708	8/22/2008 21:01	17.71	50.91	33.47	6.95	8.01	2.8	1.243
709	8/22/2008 21:16	17.71	50.697	33.32	6.78	8	2.8	1.126
710	8/22/2008 21:31	17.77	50.826	33.41	6.43	7.98	3.1	1.026
711	8/22/2008 21:46	17.81	50.773	33.37	6.25	7.97	2.9	0.923
712	8/22/2008 22:01	17.79	50.772	33.37	6.04	7.96	2.1	0.839
713	8/22/2008 22:16	17.83	50.21	32.96	5.96	7.95	2.1	0.782
714	8/22/2008 22:31	17.88	50.896	33.46	5.86	7.95	2.1	0.696
715	8/22/2008 22:46	17.97	49.918	32.75	5.84	7.95	2.3	0.668
716	8/22/2008 23:01	18.1	50.528	33.19	5.81	7.94	2.1	0.646
717	8/22/2008 23:16	18.26	51.045	33.58	5.77	7.94	1.8	0.634
718	8/22/2008 23:31	18.4	50.729	33.34	5.77	7.93	1.6	0.646
719	8/22/2008 23:46	18.66	50.723	33.34	6.09	7.95	1.6	0.674

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
720	8/23/2008 0:01	18.89	50.948	33.51	6.83	7.99	2.3	0.737
721	8/23/2008 0:16	18.94	50.927	33.49	6.91	8.01	2.4	0.783
722	8/23/2008 0:31	18.98	51.174	33.67	6.97	8.01	2.4	0.834
723	8/23/2008 0:46	18.98	51.048	33.58	6.99	8.01	2.6	0.902
724	8/23/2008 1:01	19.08	51.073	33.6	6.79	7.99	4.2	0.988
725	8/23/2008 1:16	19.13	51.048	33.58	6.7	7.98	3.3	1.041
726	8/23/2008 1:31	19.09	50.932	33.49	6.7	7.97	3.3	1.105
727	8/23/2008 1:46	18.97	51.062	33.59	6.7	7.97	2.4	1.181
728	8/23/2008 2:01	18.81	51.085	33.61	6.78	7.98	2.3	1.241
729	8/23/2008 2:16	18.67	51.121	33.63	6.88	7.98	2.6	1.31
730	8/23/2008 2:31	18.58	51.002	33.54	6.96	7.98	2.7	1.372
731	8/23/2008 2:46	18.42	51.171	33.67	6.97	7.99	2.3	1.438
732	8/23/2008 3:01	18.2	51.13	33.64	7.09	7.99	2.1	1.508
733	8/23/2008 3:16	18.08	50.641	33.28	7.15	7.99	3.4	1.58
734	8/23/2008 3:31	18.02	51.1	33.61	7.05	7.99	2.3	1.631
735	8/23/2008 3:46	17.97	50.902	33.47	7.02	7.99	2.4	1.688
736	8/23/2008 4:01	17.91	51.024	33.56	6.97	7.98	2.2	1.753
737	8/23/2008 4:16	17.8	50.41	33.11	6.96	7.98	1.8	1.8
738	8/23/2008 4:31	17.7	50.94	33.49	6.95	7.98	1.8	1.854
739	8/23/2008 4:46	17.62	50.986	33.53	6.93	7.98	1.5	1.888
740	8/23/2008 5:01	17.53	49.929	32.75	6.95	7.98	1	1.936
741	8/23/2008 5:16	17.46	50.97	33.51	6.94	7.98	1.5	1.976
742	8/23/2008 5:31	17.4	50.713	33.32	6.87	7.98	1.3	1.981
743	8/23/2008 5:46	17.34	50.836	33.41	6.52	7.97	0.8	2.006
744	8/23/2008 6:01	17.33	50.912	33.47	6.39	7.95	0.9	2.015
745	8/23/2008 6:16	17.37	50.828	33.41	6.19	7.94	1.2	2.008
746	8/23/2008 6:31	17.36	50.762	33.36	6.11	7.94	1.3	1.981
747	8/23/2008 6:46	17.38	50.219	32.96	6.13	7.94	1.8	1.946
748	8/23/2008 7:01	17.41	50.718	33.33	6.11	7.94	1.5	1.915
749	8/23/2008 7:16	17.48	50.962	33.51	5.95	7.93	2.4	1.851
750	8/23/2008 7:31	17.55	50.918	33.48	5.84	7.92	2.4	1.812
751	8/23/2008 7:46	17.59	50.244	32.98	5.73	7.91	2.2	1.735
752	8/23/2008 8:01	17.62	50.81	33.4	5.44	7.9	2.1	1.682
753	8/23/2008 8:16	17.63	50.207	32.96	5.43	7.9	2.4	1.641
754	8/23/2008 8:31	17.65	51.111	33.62	5.48	7.92	2.1	1.568
755	8/23/2008 8:46	17.66	50.941	33.49	5.44	7.92	2	1.532
756	8/23/2008 9:01	17.69	51.008	33.54	5.37	7.93	2.1	1.48
757	8/23/2008 9:16	17.78	50.951	33.5	5.42	7.89	2.6	1.437
758	8/23/2008 9:31	17.81	51.033	33.56	5.33	7.89	2.3	1.412
759	8/23/2008 9:46	17.81	50.727	33.34	5.35	7.9	1.8	1.373
760	8/23/2008 10:01	17.86	50.993	33.53	5.27	7.87	1.5	1.367
761	8/23/2008 10:16	17.9	50.986	33.53	5.16	7.88	1.2	1.35
762	8/23/2008 10:31	17.94	51.057	33.58	5.05	7.85	1	1.349
763	8/23/2008 10:46	18.03	50.792	33.39	5.12	7.85	1.3	1.371
764	8/23/2008 11:01	18.11	50.829	33.42	5.68	7.89	2.1	1.391

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
765	8/23/2008 11:16	18.14	51.094	33.61	5.91	7.91	2.9	1.418
766	8/23/2008 11:31	18.15	51.345	33.8	6.01	7.91	2.6	1.456
767	8/23/2008 11:46	18.14	50.834	33.42	6.07	7.92	2	1.512
768	8/23/2008 12:01	18.11	50.921	33.48	6.11	7.93	2	1.559
769	8/23/2008 12:16	18.03	50.898	33.47	6.21	7.93	2	1.603
770	8/23/2008 12:31	17.99	51.033	33.56	6.27	7.93	2.3	1.673
771	8/23/2008 12:46	17.92	50.005	32.81	6.31	7.93	2	1.729
772	8/23/2008 13:01	17.79	50.829	33.41	6.37	7.94	2.1	1.783
773	8/23/2008 13:16	17.69	50.612	33.25	6.49	7.95	2.4	1.848
774	8/23/2008 13:31	17.6	50.926	33.48	6.58	7.96	2.6	1.917
775	8/23/2008 13:46	17.37	50.837	33.42	6.77	7.97	2	1.985
776	8/23/2008 14:01	17.14	51.065	33.58	7.04	7.98	2.3	2.055
777	8/23/2008 14:16	17.01	50.769	33.36	7.18	7.99	2.7	2.131
778	8/23/2008 14:31	16.84	50.909	33.46	7.37	8.01	2.7	2.214
779	8/23/2008 14:46	16.66	50.67	33.28	7.43	8.01	2	2.281
780	8/23/2008 15:01	16.46	50.548	33.19	7.48	8.02	1.7	2.357
781	8/23/2008 15:16	16.23	50.848	33.41	7.49	8.02	2	2.442
782	8/23/2008 15:31	15.87	50.756	33.33	7.51	8.02	1.5	2.511
783	8/23/2008 15:46	15.55	50.679	33.27	7.49	8.02	1.8	2.575
784	8/23/2008 16:01	15.32	50.721	33.3	7.31	8.01	1.1	2.632
785	8/23/2008 16:16	15.1	50.707	33.28	7.06	7.99	0.7	2.688
786	8/23/2008 16:31	14.97	50.701	33.27	6.87	7.98	0.5	2.734
787	8/23/2008 16:46	14.86	50.659	33.24	6.62	7.97	0.7	2.765
788	8/23/2008 17:01	14.75	49.901	32.68	6.66	7.97	0.6	2.778
789	8/23/2008 17:16	14.67	50.784	33.33	6.91	7.99	1.5	2.784
790	8/23/2008 17:31	14.7	50.765	33.32	6.7	7.98	0.7	2.783
791	8/23/2008 17:46	14.68	50.712	33.28	6.44	7.97	0.9	2.747
792	8/23/2008 18:01	14.64	50.643	33.22	6.55	7.98	1	2.71
793	8/23/2008 18:16	14.7	50.548	33.16	6.83	7.99	1.5	2.664
794	8/23/2008 18:31	15.37	50.57	33.19	7.23	8.03	2	2.593
795	8/23/2008 18:46	15.58	50.686	33.28	7.3	8.03	1.8	2.507
796	8/23/2008 19:01	15.92	50.71	33.3	7.39	8.03	2	2.417
797	8/23/2008 19:16	16.14	49.873	32.69	7.42	8.03	2.1	2.331
798	8/23/2008 19:31	16.38	50.216	32.95	7.3	8.03	2.5	2.239
799	8/23/2008 19:46	16.62	50.674	33.29	7.31	8.03	2.4	2.149
800	8/23/2008 20:01	16.81	50.572	33.22	7.31	8.03	2.7	2.044
801	8/23/2008 20:16	17.06	50.342	33.05	7.26	8.02	2.6	1.954
802	8/23/2008 20:31	17.29	50.21	32.95	7.02	8.01	2.2	1.864
803	8/23/2008 20:46	17.42	50.28	33.01	6.94	8	2.3	1.758
804	8/23/2008 21:01	17.51	50.13	32.9	6.86	8	2.5	1.651
805	8/23/2008 21:16	17.64	49.953	32.77	6.79	8	2.5	1.551
806	8/23/2008 21:31	17.72	50.464	33.14	6.85	7.99	2	1.439
807	8/23/2008 21:46	17.67	50.659	33.29	6.92	7.99	2.2	1.34
808	8/23/2008 22:01	17.61	50.733	33.34	6.85	7.98	2.6	1.221
809	8/23/2008 22:16	17.64	50.643	33.28	6.69	7.98	2.7	1.109

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
810	8/23/2008 22:31	17.66	50.677	33.3	6.57	7.97	1.9	1.015
811	8/23/2008 22:46	17.67	50.878	33.45	6.47	7.96	2.1	0.91
812	8/23/2008 23:01	17.68	50.834	33.42	5.89	7.94	1.7	0.807
813	8/23/2008 23:16	17.72	50.511	33.18	5.79	7.94	1.7	0.746
814	8/23/2008 23:31	17.76	49.982	32.79	5.74	7.93	1.9	0.689
815	8/23/2008 23:46	17.84	50.944	33.5	5.65	7.93	1.8	0.612
816	8/24/2008 0:01	17.99	50.351	33.06	6.09	7.93	2.3	0.591
817	8/24/2008 0:16	18.11	50.359	33.07	5.73	7.92	1.6	0.575
818	8/24/2008 0:31	18.3	50.43	33.12	5.78	7.92	1.4	0.589
819	8/24/2008 0:46	18.44	50.422	33.12	5.97	7.92	1.2	0.599
820	8/24/2008 1:01	18.62	50.361	33.07	6.39	7.95	1.3	0.632
821	8/24/2008 1:16	18.68	50.287	33.02	6.68	7.97	1.3	0.677
822	8/24/2008 1:31	18.67	50.643	33.28	6.82	7.98	1.4	0.742
823	8/24/2008 1:46	18.68	51.107	33.62	6.88	7.98	1.6	0.801
824	8/24/2008 2:01	18.67	51.001	33.54	6.92	7.98	2.1	0.846
825	8/24/2008 2:16	18.76	51.029	33.57	6.69	7.97	2	0.912
826	8/24/2008 2:31	18.83	51.054	33.58	6.61	7.95	2.9	0.99
827	8/24/2008 2:46	18.85	50.885	33.46	6.6	7.95	2.9	1.046
828	8/24/2008 3:01	18.8	50.791	33.39	6.48	7.95	2.6	1.09
829	8/24/2008 3:16	18.71	50.68	33.31	6.61	7.95	2	1.168
830	8/24/2008 3:31	18.59	50.723	33.34	6.78	7.96	2.3	1.254
831	8/24/2008 3:46	18.52	50.697	33.32	6.84	7.97	2.9	1.317
832	8/24/2008 4:01	18.46	50.649	33.28	6.86	7.97	2.1	1.362
833	8/24/2008 4:16	18.28	50.875	33.45	6.9	7.97	2.7	1.444
834	8/24/2008 4:31	18.13	50.688	33.31	6.93	7.98	2.6	1.513
835	8/24/2008 4:46	18.03	50.67	33.3	6.97	7.98	2.4	1.568
836	8/24/2008 5:01	17.98	50.659	33.29	6.95	7.98	2.3	1.625
837	8/24/2008 5:16	17.92	50.612	33.25	6.88	7.97	2	1.669
838	8/24/2008 5:31	17.81	50.778	33.38	6.97	7.98	2.2	1.741
839	8/24/2008 5:46	17.73	50.736	33.34	6.99	7.98	2.1	1.776
840	8/24/2008 6:01	17.64	50.911	33.47	6.95	7.98	1.8	1.81
841	8/24/2008 6:16	17.55	50.868	33.44	6.86	7.98	1.4	1.856
842	8/24/2008 6:31	17.48	50.632	33.27	6.88	7.97	1.4	1.892
843	8/24/2008 6:46	17.43	50.807	33.39	6.81	7.97	1.9	1.92
844	8/24/2008 7:01	17.4	50.447	33.13	6.6	7.95	1	1.934
845	8/24/2008 7:16	17.36	50.489	33.16	6.39	7.94	0.8	1.958
846	8/24/2008 7:31	17.36	50.785	33.38	6.15	7.92	0.4	1.963
847	8/24/2008 7:46	17.39	50.656	33.28	5.95	7.91	0.8	1.961
848	8/24/2008 8:01	17.4	50.776	33.37	5.79	7.9	0.7	1.942
849	8/24/2008 8:16	17.4	50.346	33.06	5.72	7.89	1	1.898
850	8/24/2008 8:31	17.4	50.838	33.42	5.78	7.9	0.9	1.888
851	8/24/2008 8:46	17.44	50.796	33.39	5.7	7.9	1.2	1.847
852	8/24/2008 9:01	17.47	50.756	33.36	5.62	7.89	1.2	1.8
853	8/24/2008 9:16	17.51	50.574	33.22	5.35	7.87	1.5	1.759
854	8/24/2008 9:31	17.53	50.788	33.38	5.33	7.88	1.8	1.701

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
855	8/24/2008 9:46	17.54	50.78	33.38	5.28	7.87	1.4	1.678
856	8/24/2008 10:01	17.58	50.754	33.36	5.36	7.86	2.9	1.638
857	8/24/2008 10:16	17.65	50.359	33.07	5.49	7.86	2	1.605
858	8/24/2008 10:31	17.67	50.76	33.36	5.49	7.86	1.5	1.585
859	8/24/2008 10:46	17.71	50.531	33.19	5.38	7.85	1.5	1.555
860	8/24/2008 11:01	17.81	50.823	33.41	5.53	7.87	2.3	1.549
861	8/24/2008 11:16	17.86	50.739	33.35	5.53	7.87	1	1.533
862	8/24/2008 11:31	17.94	50.553	33.21	5.4	7.86	1	1.54
863	8/24/2008 11:46	18.04	50.368	33.08	5.62	7.87	1.3	1.551
864	8/24/2008 12:01	18.11	50.737	33.35	5.89	7.88	1.5	1.565
865	8/24/2008 12:16	18.11	50.808	33.4	6.07	7.9	1.9	1.589
866	8/24/2008 12:31	18.09	50.739	33.35	6.08	7.89	1.2	1.606
867	8/24/2008 12:46	18	50.675	33.3	6.28	7.91	2.2	1.655
868	8/24/2008 13:01	17.96	50.906	33.47	6.23	7.93	3.2	1.691
869	8/24/2008 13:16	17.91	50.518	33.19	6.42	7.93	3.8	1.74
870	8/24/2008 13:31	17.9	50.601	33.25	6.47	7.94	3.1	1.786
871	8/24/2008 13:46	17.82	50.595	33.24	6.5	7.94	2.3	1.836
872	8/24/2008 14:01	17.73	50.756	33.36	6.63	7.95	2.6	1.894
873	8/24/2008 14:16	17.61	50.733	33.34	6.72	7.96	3.8	1.952
874	8/24/2008 14:31	17.34	50.3	33.02	6.78	7.96	2.3	2.012
875	8/24/2008 14:46	17.15	50.665	33.29	6.98	7.97	2	2.071
876	8/24/2008 15:01	17.02	49.893	32.72	7.16	7.99	2.3	2.139
877	8/24/2008 15:16	16.86	50.44	33.12	7.26	7.99	2.3	2.203
878	8/24/2008 15:31	16.79	50.279	33	7.38	8.01	2.4	2.267
879	8/24/2008 15:46	16.65	50.574	33.21	7.35	8	1.5	2.331
880	8/24/2008 16:01	16.35	50.563	33.2	7.35	8	1.4	2.411
881	8/24/2008 16:16	16.06	50.438	33.1	7.37	7.99	1.2	2.476
882	8/24/2008 16:31	15.58	50.719	33.3	7.38	8	1	2.539
883	8/24/2008 16:46	15.23	50.684	33.27	7.26	7.99	1	2.602
884	8/24/2008 17:01	14.99	50.323	33	7.29	7.99	0.9	2.668
885	8/24/2008 17:16	14.8	50.58	33.18	7.26	7.99	1	2.713
886	8/24/2008 17:31	14.69	50.562	33.17	7.26	7.99	0.8	2.747
887	8/24/2008 17:46	14.59	50.644	33.22	7.25	7.99	1.1	2.783
888	8/24/2008 18:01	14.51	50.722	33.28	7.18	7.98	0.8	2.817
889	8/24/2008 18:16	14.54	50.528	33.14	6.93	7.98	1	2.808
890	8/24/2008 18:31	14.62	50.371	33.02	6.81	7.98	0.9	2.796
891	8/24/2008 18:46	14.62	50.451	33.08	6.58	7.97	1	2.769
892	8/24/2008 19:01	14.62	50.541	33.15	6.48	7.96	0.9	2.731
893	8/24/2008 19:16	14.88	50.422	33.07	6.79	7.99	1.3	2.678
894	8/24/2008 19:31	15.31	50.417	33.07	7.03	8	1.4	2.604
895	8/24/2008 19:46	15.63	50.449	33.11	7.14	8.01	1.8	2.536
896	8/24/2008 20:01	16.07	50.285	32.99	7.25	8.02	2	2.466
897	8/24/2008 20:16	16.37	50.249	32.97	7.27	8.03	2.1	2.374
898	8/24/2008 20:31	16.54	50.544	33.19	7.49	8.03	1.8	2.284
899	8/24/2008 20:46	16.68	50.573	33.21	7.29	8.02	1.8	2.203

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
900	8/24/2008 21:01	16.73	50.528	33.18	7.2	8.01	1.5	2.112
901	8/24/2008 21:16	16.97	50.453	33.13	7.46	8.02	1.9	2.022
902	8/24/2008 21:31	17.23	50.67	33.29	7.24	8.02	2	1.921
903	8/24/2008 21:46	17.47	50.515	33.18	7.17	8.01	2	1.823
904	8/24/2008 22:01	17.68	50.646	33.28	7.18	8.01	2	1.721
905	8/24/2008 22:16	17.78	50.706	33.32	7.04	8	1.8	1.614
906	8/24/2008 22:31	17.89	50.564	33.22	7.07	8	2	1.503
907	8/24/2008 22:46	17.92	50.293	33.02	7.03	7.98	1.8	1.406
908	8/24/2008 23:01	17.9	50.676	33.3	7	7.98	2.7	1.292
909	8/24/2008 23:16	17.85	50.511	33.18	6.95	7.98	2.9	1.175
910	8/24/2008 23:31	17.98	50.586	33.24	6.75	7.98	2.4	1.066
911	8/24/2008 23:46	18.11	50.593	33.24	6.73	7.97	2	0.958
912	8/25/2008 0:01	18.18	50.693	33.32	6.71	7.97	2.2	0.865
913	8/25/2008 0:16	18.33	50.568	33.22	6.71	7.96	2	0.773
914	8/25/2008 0:31	18.41	50.598	33.25	6.51	7.95	4.1	0.683
915	8/25/2008 0:46	18.51	50.413	33.11	6.57	7.95	1.8	0.63
916	8/25/2008 1:01	18.8	50.467	33.15	6.64	7.97	2.2	0.582
917	8/25/2008 1:16	18.98	50.68	33.31	6.79	7.96	1.8	0.541
918	8/25/2008 1:31	19.19	50.77	33.37	6.96	7.98	1.5	0.538
919	8/25/2008 1:46	19.28	50.738	33.35	6.74	7.97	0.9	0.544
920	8/25/2008 2:01	19.4	50.803	33.4	6.99	8	1	0.561
921	8/25/2008 2:16	19.46	50.535	33.2	7.16	8.01	1.2	0.587
922	8/25/2008 2:31	19.47	50.57	33.23	7.38	8.02	1.2	0.646
923	8/25/2008 2:46	19.52	50.719	33.34	7.58	8.03	1.7	0.697
924	8/25/2008 3:01	19.52	50.877	33.45	7.65	8.03	1.6	0.756
925	8/25/2008 3:16	19.57	50.884	33.46	7.65	8.03	2.1	0.821
926	8/25/2008 3:31	19.68	50.724	33.34	7.35	8	2.4	0.875
927	8/25/2008 3:46	19.66	50.837	33.42	7.22	7.99	2.2	0.959
928	8/25/2008 4:01	19.63	50.858	33.44	7.11	7.98	2.3	1.014
929	8/25/2008 4:16	19.55	50.93	33.49	7.09	7.98	1.8	1.069
930	8/25/2008 4:31	19.41	50.941	33.5	7.27	7.99	1.7	1.159
931	8/25/2008 4:46	19.26	50.842	33.43	7.37	7.99	1.6	1.214
932	8/25/2008 5:01	19.15	50.884	33.46	7.37	8	1.6	1.279
933	8/25/2008 5:16	19.02	50.946	33.5	7.42	8	2	1.353
934	8/25/2008 5:31	18.85	50.832	33.42	7.33	7.99	2.1	1.416
935	8/25/2008 5:46	18.61	50.9	33.47	7.31	7.99	2.4	1.492
936	8/25/2008 6:01	18.49	50.739	33.35	7.23	7.98	2	1.551
937	8/25/2008 6:16	18.39	50.815	33.41	7.19	7.98	1.8	1.617
938	8/25/2008 6:31	18.22	50.82	33.41	7.2	7.99	2.3	1.688
939	8/25/2008 6:46	18.17	50.701	33.32	7.18	7.98	2	1.742
940	8/25/2008 7:01	18.07	49.878	32.72	7.18	7.98	1.8	1.806
941	8/25/2008 7:16	17.96	50.788	33.38	7.12	7.98	1.8	1.854
942	8/25/2008 7:31	17.85	50.709	33.33	7.07	7.98	1.3	1.896
943	8/25/2008 7:46	17.76	50.33	33.05	6.94	7.97	11.8	1.936
944	8/25/2008 8:01	17.65	50.686	33.31	6.97	7.97	1.8	1.975

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
945	8/25/2008 8:16	17.53	50.721	33.33	6.97	7.97	1.5	2.008
946	8/25/2008 8:31	17.43	50.757	33.36	6.82	7.97	1.2	2.023
947	8/25/2008 8:46	17.35	50.566	33.22	6.69	7.96	0.9	2.037
948	8/25/2008 9:01	17.29	50.23	32.97	6.61	7.96	0.7	2.038
949	8/25/2008 9:16	17.25	50.535	33.19	6.41	7.94	0.4	2.036
950	8/25/2008 9:31	17.23	50.514	33.18	6.26	7.94	0.8	2.02
951	8/25/2008 9:46	17.21	50.433	33.12	6.21	7.93	0.9	1.985
952	8/25/2008 10:01	17.26	50.231	32.97	6.14	7.92	1.3	1.959
953	8/25/2008 10:16	17.36	50.433	33.12	6.26	7.93	1.4	1.935
954	8/25/2008 10:31	17.46	50.575	33.22	6.25	7.93	1.9	1.885
955	8/25/2008 10:46	17.59	50.55	33.21	6.21	7.93	2	1.839
956	8/25/2008 11:01	17.69	50.262	33	6.39	7.94	2.1	1.814
957	8/25/2008 11:16	17.75	50.465	33.15	6.32	7.94	2	1.776
958	8/25/2008 11:31	17.79	50.471	33.15	6.18	7.94	1.6	1.734
959	8/25/2008 11:46	17.86	50.543	33.2	6.22	7.94	1.7	1.69
960	8/25/2008 12:01	17.91	50.199	32.95	6.54	7.94	1.6	1.678
961	8/25/2008 12:16	17.99	50.501	33.17	6.46	7.95	1.4	1.662
962	8/25/2008 12:31	18.03	50.276	33.01	6.37	7.94	1.2	1.626
963	8/25/2008 12:46	18.08	50.576	33.23	6.31	7.94	1.1	1.622
964	8/25/2008 13:01	18.15	50.726	33.34	6.24	7.93	1.1	1.634
965	8/25/2008 13:16	18.24	50.582	33.23	6.57	7.95	1.3	1.637
966	8/25/2008 13:31	18.34	50.231	32.98	6.69	7.97	1.8	1.648
967	8/25/2008 13:46	18.41	50.592	33.24	6.83	7.97	1.8	1.669
968	8/25/2008 14:01	18.45	50.644	33.28	7.03	7.98	2.1	1.701
969	8/25/2008 14:16	18.47	50.533	33.2	7.06	7.98	2	1.733
970	8/25/2008 14:31	18.46	50.443	33.13	6.99	7.98	2.1	1.773
971	8/25/2008 14:46	18.42	50.374	33.08	6.99	7.97	1.8	1.822
972	8/25/2008 15:01	18.33	50.397	33.1	7.03	7.97	2	1.875
973	8/25/2008 15:16	18.33	50.285	33.02	7.01	7.97	2.4	1.93
974	8/25/2008 15:31	18.27	50.529	33.2	7	7.97	2.3	1.984
975	8/25/2008 15:46	18.18	50.613	33.26	7	7.97	1.5	2.046
976	8/25/2008 16:01	18.05	50.584	33.24	6.92	7.96	1.7	2.103
977	8/25/2008 16:16	17.72	50.674	33.3	6.91	7.96	1.6	2.165
978	8/25/2008 16:31	17.18	50.698	33.31	7.03	7.97	1.3	2.233
979	8/25/2008 16:46	16.7	50.641	33.26	7.25	7.98	1.5	2.299
980	8/25/2008 17:01	16.23	50.654	33.27	7.33	7.98	1.5	2.36
981	8/25/2008 17:16	16.05	50.423	33.09	7.41	8	1.4	2.427
982	8/25/2008 17:31	15.73	50.637	33.24	7.39	8	1	2.492
983	8/25/2008 17:46	15.42	50.583	33.2	7.36	8	1	2.557
984	8/25/2008 18:01	15.18	50.32	33	7.43	8	1.1	2.617
985	8/25/2008 18:16	15.02	50.586	33.19	7.37	8	0.9	2.67
986	8/25/2008 18:31	14.94	50.439	33.08	7.42	8	0.7	2.719
987	8/25/2008 18:46	14.84	50.201	32.91	7.55	8.01	0.9	2.764
988	8/25/2008 19:01	14.8	50.441	33.08	7.41	8.01	0.7	2.79
989	8/25/2008 19:16	14.74	50.585	33.18	7.3	8	0.7	2.808

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
990	8/25/2008 19:31	14.72	50.31	32.98	7.16	8	0.5	2.817
991	8/25/2008 19:46	14.72	50.38	33.03	6.91	7.98	0.5	2.8
992	8/25/2008 20:01	14.72	50.167	32.88	6.93	7.98	0.9	2.777
993	8/25/2008 20:16	14.72	50.172	32.88	6.99	7.99	1.8	2.736
994	8/25/2008 20:31	14.96	50.117	32.85	7.15	8	1.8	2.676
995	8/25/2008 20:46	15.13	50.352	33.02	7	8	2.1	2.613
996	8/25/2008 21:01	15.21	50.402	33.06	6.99	7.99	3.1	2.536
997	8/25/2008 21:16	15.25	50.291	32.98	6.94	8	3.8	2.45
998	8/25/2008 21:31	15.36	50.529	33.16	6.94	8	4	2.362
999	8/25/2008 21:46	15.57	50.493	33.14	6.91	8	3.8	2.272
1000	8/25/2008 22:01	15.98	50.376	33.06	6.89	8	3.4	2.181
1001	8/25/2008 22:16	16.34	50.428	33.1	6.86	8	3.5	2.086
1002	8/25/2008 22:31	16.66	50.335	33.04	6.88	8.01	3.7	1.976
1003	8/25/2008 22:46	17.11	50.364	33.07	6.87	8.02	3.2	1.882
1004	8/25/2008 23:01	17.27	50.454	33.13	6.92	8.03	2.8	1.783
1005	8/25/2008 23:16	17.3	50.55	33.2	6.84	8.02	2.5	1.652
1006	8/25/2008 23:31	17.25	50.535	33.19	6.69	8.01	3.6	1.535
1007	8/25/2008 23:46	17.15	50.587	33.23	6.58	7.99	2.9	1.43
1008	8/26/2008 0:01	17.24	50.373	33.07	6.56	7.98	4.6	1.295
1009	8/26/2008 0:16	17.22	50.31	33.03	6.32	7.97	2.7	1.172
1010	8/26/2008 0:31	17.29	50.402	33.1	6.39	7.96	3.3	1.064
1011	8/26/2008 0:46	17.38	50.413	33.1	6.36	7.96	2.9	0.941
1012	8/26/2008 1:01	17.48	50.388	33.09	6.23	7.95	2.6	0.821
1013	8/26/2008 1:16	17.59	50.509	33.18	6.23	7.94	2.4	0.71
1014	8/26/2008 1:31	17.78	50.45	33.14	6.1	7.94	2.7	0.62
1015	8/26/2008 1:46	17.85	50.505	33.18	5.99	7.94	1.8	0.528
1016	8/26/2008 2:01	18.14	50.644	33.28	6.2	7.94	2.6	0.466
1017	8/26/2008 2:16	18.35	50.481	33.16	6.09	7.95	2.3	0.417
1018	8/26/2008 2:31	18.44	50.399	33.1	6.02	7.94	1.9	0.39
1019	8/26/2008 2:46	18.62	50.377	33.09	5.92	7.93	1.5	0.389
1020	8/26/2008 3:01	18.74	50.565	33.22	5.79	7.93	1	0.398
1021	8/26/2008 3:16	18.86	50.707	33.33	6.01	7.94	2.3	0.445
1022	8/26/2008 3:31	18.94	50.824	33.41	6.14	7.96	2	0.479
1023	8/26/2008 3:46	19.01	50.816	33.41	6.21	7.94	1.8	0.525
1024	8/26/2008 4:01	19.11	50.46	33.15	6.3	7.96	1.8	0.611
1025	8/26/2008 4:16	19.17	50.859	33.44	6.26	7.96	2.1	0.664
1026	8/26/2008 4:31	19.17	50.859	33.44	6.33	7.97	2.6	0.724
1027	8/26/2008 4:46	19.22	50.529	33.2	6.32	7.97	3.2	0.804
1028	8/26/2008 5:01	19.28	50.461	33.15	6.13	7.95	3.5	0.865
1029	8/26/2008 5:16	19.28	50.681	33.31	6.13	7.95	3.3	0.94
1030	8/26/2008 5:31	19.23	50.732	33.35	6.08	7.94	2.8	1.007
1031	8/26/2008 5:46	19.12	50.61	33.26	6.23	7.96	3	1.087
1032	8/26/2008 6:01	19	50.694	33.32	6.38	7.97	2.9	1.168
1033	8/26/2008 6:16	18.92	50.52	33.19	6.43	7.97	3.2	1.255
1034	8/26/2008 6:31	18.83	50.844	33.43	6.4	7.97	2.6	1.328

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1035	8/26/2008 6:46	18.55	50.874	33.45	6.56	7.97	2.9	1.406
1036	8/26/2008 7:01	18.35	50.85	33.43	6.65	7.98	2.9	1.491
1037	8/26/2008 7:16	18.13	50.806	33.4	6.65	7.97	18.4	1.567
1038	8/26/2008 7:31	17.9	51.032	33.56	6.73	7.98	4	1.641
1039	8/26/2008 7:46	17.81	50.939	33.49	6.81	7.99	3.1	1.712
1040	8/26/2008 8:01	17.72	50.975	33.52	6.87	7.99	3.1	1.779
1041	8/26/2008 8:16	17.63	50.786	33.38	6.85	7.99	2.9	1.837
1042	8/26/2008 8:31	17.54	50.799	33.39	6.86	7.99	3	1.897
1043	8/26/2008 8:46	17.42	50.827	33.41	6.82	7.99	2.5	1.952
1044	8/26/2008 9:01	17.18	50.461	33.14	6.89	7.98	2.4	2.006
1045	8/26/2008 9:16	17.06	50.639	33.27	6.75	7.98	1.6	2.044
1046	8/26/2008 9:31	16.87	50.486	33.15	6.77	7.98	2	2.093
1047	8/26/2008 9:46	16.74	50.645	33.27	6.58	7.97	1.6	2.114
1048	8/26/2008 10:01	16.61	50.74	33.34	6.54	7.97	1.5	2.142
1049	8/26/2008 10:16	16.51	50.499	33.16	6.36	7.95	1.8	2.151
1050	8/26/2008 10:31	16.47	50.494	33.15	6.18	7.95	1.2	2.139
1051	8/26/2008 10:46	16.41	50.297	33.01	6.1	7.95	1.2	2.126
1052	8/26/2008 11:01	16.38	50.534	33.18	6.08	7.94	1.5	2.091
1053	8/26/2008 11:16	16.42	50.79	33.37	6.17	7.95	1.9	2.045
1054	8/26/2008 11:31	16.68	50.642	33.26	6.48	7.97	2.3	1.999
1055	8/26/2008 11:46	16.88	50.722	33.33	6.76	7.98	2.8	1.946
1056	8/26/2008 12:01	17.06	50.57	33.22	6.68	7.98	2.3	1.898
1057	8/26/2008 12:16	17.22	50.601	33.24	6.63	7.98	2	1.824
1058	8/26/2008 12:31	17.37	50.491	33.16	6.63	7.99	2	1.776
1059	8/26/2008 12:46	17.59	50.522	33.19	6.65	7.99	2.4	1.738
1060	8/26/2008 13:01	17.71	50.714	33.33	6.58	7.98	1.9	1.679
1061	8/26/2008 13:16	17.88	50.627	33.27	6.68	7.99	1.9	1.65
1062	8/26/2008 13:31	17.99	50.506	33.18	6.65	7.99	1.8	1.615
1063	8/26/2008 13:46	18.09	50.732	33.34	6.51	7.98	1.3	1.593
1064	8/26/2008 14:01	18.19	50.788	33.39	6.45	7.97	1.1	1.575
1065	8/26/2008 14:16	18.31	50.356	33.07	6.36	7.96	2.1	1.564
1066	8/26/2008 14:31	18.44	50.632	33.27	6.38	7.97	1.2	1.569
1067	8/26/2008 14:46	18.55	50.816	33.41	6.61	7.98	1.3	1.556
1068	8/26/2008 15:01	18.66	50.446	33.14	6.93	8	1.7	1.584
1069	8/26/2008 15:16	18.64	50.662	33.3	7.18	8	2.1	1.624
1070	8/26/2008 15:31	18.62	50.629	33.27	7.26	8.02	1.6	1.639
1071	8/26/2008 15:46	18.57	50.579	33.23	7.19	8.01	1.7	1.683
1072	8/26/2008 16:01	18.51	50.526	33.19	7.4	8.02	2.3	1.748
1073	8/26/2008 16:16	18.38	50.665	33.3	7.34	8.02	1.7	1.804
1074	8/26/2008 16:31	18.29	50.763	33.37	7.38	8.02	1.9	1.846
1075	8/26/2008 16:46	18.21	50.756	33.36	7.4	8.01	2.1	1.912
1076	8/26/2008 17:01	18.1	50.688	33.31	7.38	8.01	2.1	1.988
1077	8/26/2008 17:16	17.9	50.875	33.45	7.24	8	2	2.052
1078	8/26/2008 17:31	17.6	50.411	33.11	7.28	8	2.1	2.119
1079	8/26/2008 17:46	17.21	50.546	33.2	7.31	8	1.7	2.183

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1080	8/26/2008 18:01	16.74	50.881	33.44	7.41	8.01	1.7	2.256
1081	8/26/2008 18:16	16.3	50.537	33.18	7.41	8.01	1.8	2.333
1082	8/26/2008 18:31	16.02	50.67	33.27	7.46	8.01	2	2.403
1083	8/26/2008 18:46	15.87	50.602	33.22	7.52	8.02	1.8	2.475
1084	8/26/2008 19:01	15.74	50.289	32.99	7.58	8.02	1.4	2.551
1085	8/26/2008 19:16	15.58	50.845	33.39	7.61	8.01	26.9	2.612
1086	8/26/2008 19:31	15.27	50.698	33.28	7.56	8.03	0.9	2.677
1087	8/26/2008 19:46	14.98	50.883	33.41	7.5	8.01	12.2	2.736
1088	8/26/2008 20:01	14.79	50.589	33.19	7.54	8.02	0.9	2.777
1089	8/26/2008 20:16	14.7	50.561	33.17	7.49	8.01	0.7	2.816
1090	8/26/2008 20:31	14.6	50.588	33.18	7.37	8.01	0.4	2.84
1091	8/26/2008 20:46	14.56	50.458	33.09	7.16	8	0.5	2.839
1092	8/26/2008 21:01	14.53	50.42	33.06	7	7.99	0.7	2.833
1093	8/26/2008 21:16	14.5	50.426	33.06	7	7.99	0.7	2.808
1094	8/26/2008 21:31	14.52	50.479	33.1	6.99	8	1.3	2.752
1095	8/26/2008 21:46	14.64	50.359	33.02	6.97	8	1.5	2.704
1096	8/26/2008 22:01	14.69	50.662	33.24	6.78	7.99	2.1	2.631
1097	8/26/2008 22:16	14.72	50.558	33.16	6.72	7.99	2.5	2.542
1098	8/26/2008 22:31	14.8	50.556	33.16	6.74	7.99	3.3	2.449
1099	8/26/2008 22:46	14.98	50.541	33.16	6.79	8	3.7	2.356
1100	8/26/2008 23:01	15.32	50.57	33.19	6.69	8	3.7	2.253
1101	8/26/2008 23:16	15.97	50.508	33.15	6.65	8	4.3	2.144
1102	8/26/2008 23:31	16.46	50.706	33.31	6.52	8	4.8	2.033
1103	8/26/2008 23:46	16.8	50.463	33.13	6.47	8	5.2	1.931
1104	8/27/2008 0:01	17.06	50.525	33.18	6.54	8.01	4.8	1.817
1105	8/27/2008 0:16	17.17	50.647	33.27	6.66	8.01	5.2	1.703
1106	8/27/2008 0:31	17.3	50.54	33.2	6.53	8.01	4.6	1.58
1107	8/27/2008 0:46	17.1	50.839	33.41	6.47	7.99	4.2	1.452
1108	8/27/2008 1:01	16.94	50.806	33.39	6.42	7.99	5.2	1.325
1109	8/27/2008 1:16	16.95	50.59	33.23	6.47	7.99	5.2	1.187
1110	8/27/2008 1:31	17.04	50.797	33.38	6.4	7.98	4.7	1.044
1111	8/27/2008 1:46	17.16	50.712	33.32	6.44	7.98	4.4	0.923
1112	8/27/2008 2:01	17.32	50.602	33.24	6.4	7.98	3.8	0.793
1113	8/27/2008 2:16	17.44	50.673	33.3	6.28	7.98	3.9	0.658
1114	8/27/2008 2:31	17.6	50.714	33.33	6.32	7.98	3.6	0.547
1115	8/27/2008 2:46	17.73	50.815	33.4	6.23	7.98	3.2	0.453
1116	8/27/2008 3:01	17.9	50.841	33.42	6.19	7.98	2.9	0.359
1117	8/27/2008 3:16	18.05	50.718	33.33	6.11	7.98	2.9	0.286
1118	8/27/2008 3:31	18.23	50.64	33.28	6.11	7.98	2.2	0.259
1119	8/27/2008 3:46	18.36	50.787	33.39	5.95	7.97	1.9	0.261
1120	8/27/2008 4:01	18.37	50.825	33.41	5.92	7.96	3.1	0.256
1121	8/27/2008 4:16	18.47	50.841	33.43	6.06	7.98	2.7	0.31
1122	8/27/2008 4:31	18.63	50.831	33.42	6.06	7.98	2.6	0.373
1123	8/27/2008 4:46	18.7	50.895	33.47	6.22	8	3.3	0.423
1124	8/27/2008 5:01	18.67	50.789	33.39	6.19	7.98	2.4	0.49

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1125	8/27/2008 5:16	18.68	50.668	33.3	6.22	7.98	3.4	0.562
1126	8/27/2008 5:31	18.72	50.63	33.27	6.31	8.01	8.4	0.643
1127	8/27/2008 5:46	18.81	50.704	33.33	6.26	8.01	5.1	0.7
1128	8/27/2008 6:01	18.87	50.644	33.28	6.11	8	5	0.783
1129	8/27/2008 6:16	18.88	50.959	33.51	6.05	8	4.5	0.871
1130	8/27/2008 6:31	18.81	50.994	33.54	6.12	7.99	4.5	0.943
1131	8/27/2008 6:46	18.75	50.962	33.52	6.19	8	4.5	1.044
1132	8/27/2008 7:01	18.68	50.898	33.47	6.23	8	5.4	1.137
1133	8/27/2008 7:16	18.6	50.847	33.43	6.3	8	5.5	1.235
1134	8/27/2008 7:31	18.35	50.955	33.51	6.37	8	5.9	1.327
1135	8/27/2008 7:46	18.18	50.82	33.41	6.4	8	4.6	1.418
1136	8/27/2008 8:01	17.97	51.004	33.54	6.54	8.01	4.3	1.511
1137	8/27/2008 8:16	17.77	50.919	33.48	6.58	8.01	4.3	1.595
1138	8/27/2008 8:31	17.59	50.827	33.41	6.64	8.01	4.5	1.673
1139	8/27/2008 8:46	17.44	50.837	33.42	6.6	8	4.5	1.754
1140	8/27/2008 9:01	17.35	50.616	33.25	6.61	8.01	4.4	1.833
1141	8/27/2008 9:16	17.24	50.475	33.15	6.68	8	3.6	1.899
1142	8/27/2008 9:31	17.09	50.577	33.22	6.7	8	3.5	1.961
1143	8/27/2008 9:46	16.91	50.864	33.43	6.69	8	3.7	2.022
1144	8/27/2008 10:01	16.66	50.852	33.42	6.72	8	3.2	2.081
1145	8/27/2008 10:16	16.39	50.786	33.37	6.7	8	2.7	2.127
1146	8/27/2008 10:31	16.1	50.79	33.36	6.71	8	2.5	2.166
1147	8/27/2008 10:46	15.87	50.733	33.32	6.62	7.99	1.8	2.196
1148	8/27/2008 11:01	15.69	50.707	33.3	6.61	7.99	1.6	2.218
1149	8/27/2008 11:16	15.6	50.529	33.16	6.52	7.99	1.7	2.217
1150	8/27/2008 11:31	15.64	50.209	32.93	6.39	7.98	1.6	2.193
1151	8/27/2008 11:46	15.58	50.642	33.25	6.47	7.99	1.6	2.172
1152	8/27/2008 12:01	15.57	50.299	32.99	6.55	8	1.5	2.119
1153	8/27/2008 12:16	15.64	50.241	32.95	6.66	8	2.4	2.052
1154	8/27/2008 12:31	16.05	50.322	33.02	6.8	8.02	3.4	1.994
1155	8/27/2008 12:46	16.37	50.247	32.97	6.99	8.02	3.9	1.926
1156	8/27/2008 13:01	16.78	50.186	32.93	6.93	8.03	3.8	1.856
1157	8/27/2008 13:16	16.97	50.434	33.12	7	8.04	4	1.786
1158	8/27/2008 13:31	17.18	50.399	33.09	7.09	8.04	5	1.722
1159	8/27/2008 13:46	17.39	50.52	33.18	6.99	8.04	7.8	1.666
1160	8/27/2008 14:01	17.62	50.293	33.02	6.95	8.04	5.7	1.594
1161	8/27/2008 14:16	17.88	50.288	33.02	6.88	8.03	6.5	1.549
1162	8/27/2008 14:31	18.03	50.544	33.21	6.7	8.03	4.5	1.506
1163	8/27/2008 14:46	18.18	50.58	33.23	6.62	8.02	4.4	1.458
1164	8/27/2008 15:01	18.31	50.455	33.14	6.55	8.02	6.4	1.425
1165	8/27/2008 15:16	18.34	50.498	33.17	6.33	8.01	3.6	1.404
1166	8/27/2008 15:31	18.42	50.457	33.14	6.14	7.99	2.8	1.4
1167	8/27/2008 15:46	18.48	50.546	33.21	5.88	7.97	2.1	1.385
1168	8/27/2008 16:01	18.57	50.516	33.19	5.92	7.97	2	1.392
1169	8/27/2008 16:16	18.71	50.379	33.09	6.68	8.02	5.4	1.431

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1170	8/27/2008 16:31	18.72	50.429	33.12	6.7	8.02	4.1	1.469
1171	8/27/2008 16:46	18.69	50.735	33.35	6.8	8.02	4.1	1.506
1172	8/27/2008 17:01	18.67	50.637	33.28	6.8	8.02	3.8	1.559
1173	8/27/2008 17:16	18.61	50.609	33.26	6.98	8.03	5.3	1.628
1174	8/27/2008 17:31	18.47	50.798	33.39	7.11	8.04	5.5	1.69
1175	8/27/2008 17:46	18.52	50.444	33.13	7.27	8.05	6.2	1.759
1176	8/27/2008 18:01	18.51	50.732	33.35	7.32	8.05	5.2	1.834
1177	8/27/2008 18:16	18.35	50.867	33.44	7.35	8.05	7.9	1.911
1178	8/27/2008 18:31	18.22	50.748	33.36	7.35	8.04	4.1	1.988
1179	8/27/2008 18:46	17.64	50.956	33.51	7.29	8.03	3.3	2.056
1180	8/27/2008 19:01	16.8	50.834	33.41	7.38	8.02	3.1	2.143
1181	8/27/2008 19:16	16.31	50.84	33.4	7.35	8.02	2.6	2.214
1182	8/27/2008 19:31	16.05	50.659	33.27	7.35	8.02	2.5	2.305
1183	8/27/2008 19:46	15.71	50.81	33.37	7.41	8.02	2.3	2.389
1184	8/27/2008 20:01	15.26	50.399	33.06	7.45	8.02	2.3	2.468
1185	8/27/2008 20:16	14.91	50.655	33.24	7.48	8.02	1.8	2.547
1186	8/27/2008 20:31	14.58	50.665	33.24	7.5	8.02	1.6	2.619
1187	8/27/2008 20:46	14.29	50.607	33.19	7.48	8.02	1.6	2.692
1188	8/27/2008 21:01	14.01	50.595	33.17	7.45	8.01	1.3	2.751
1189	8/27/2008 21:16	13.82	50.492	33.09	7.32	8	0.9	2.804
1190	8/27/2008 21:31	13.7	50.416	33.03	7.27	7.99	0.9	2.838
1191	8/27/2008 21:46	13.59	50.699	33.23	7.21	8	0.8	2.861
1192	8/27/2008 22:01	13.55	50.333	32.96	7.1	7.99	0.5	2.871
1193	8/27/2008 22:16	13.62	50.6	33.16	6.92	7.99	0.8	2.853
1194	8/27/2008 22:31	13.66	50.374	33	6.74	7.98	0.5	2.821
1195	8/27/2008 22:46	13.72	50.291	32.94	6.56	7.98	0.7	2.776
1196	8/27/2008 23:01	13.93	50.577	33.15	6.66	8	2.6	2.69
1197	8/27/2008 23:16	14.06	50.473	33.08	6.66	8	3.3	2.59
1198	8/27/2008 23:31	14.23	50.388	33.03	6.8	8.01	3.7	2.495
1199	8/27/2008 23:46	14.6	50.379	33.03	6.78	8.01	3.8	2.392
1200	8/28/2008 0:01	15.2	50.529	33.15	6.73	8.03	5.7	2.272
1201	8/28/2008 0:16	15.71	50.469	33.12	6.68	8.03	6.3	2.161
1202	8/28/2008 0:31	16	50.574	33.2	6.6	8.02	6.7	2.048
1203	8/28/2008 0:46	16.32	50.623	33.25	6.57	8.03	6.1	1.927
1204	8/28/2008 1:01	16.65	50.582	33.22	6.45	8.02	7.1	1.799
1205	8/28/2008 1:16	16.94	50.663	33.28	6.5	8.02	8.4	1.669
1206	8/28/2008 1:31	16.83	50.495	33.16	6.48	8.01	8.7	1.547
1207	8/28/2008 1:46	16.69	50.731	33.33	6.36	8.01	7.5	1.399
1208	8/28/2008 2:01	16.7	50.528	33.18	6.33	8	7.9	1.253
1209	8/28/2008 2:16	16.73	50.682	33.29	6.22	7.99	7.1	1.124
1210	8/28/2008 2:31	16.96	50.526	33.18	6.2	8		0.979
1211	8/28/2008 2:46	17.1	50.585	33.23	6.15	7.99	6.3	0.845
1212	8/28/2008 3:01	17.23	50.74	33.34	6.08	7.99	6.2	0.696
1213	8/28/2008 3:16	17.4	50.773	33.37	6.01	7.98	5.1	0.556
1214	8/28/2008 3:31	17.53	50.774	33.37	5.99	7.98	3.5	0.447

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1215	8/28/2008 3:46	17.62	50.76	33.36	5.92	7.98	2.9	0.331
1216	8/28/2008 4:01	17.75	50.821	33.41	5.8	7.97	2.4	0.232
1217	8/28/2008 4:16	17.96	50.54	33.2	5.73	7.96	2.4	0.173
1218	8/28/2008 4:31	18.09	50.633	33.27	5.57	7.95	2.1	0.149
1219	8/28/2008 4:46	18.15	50.689	33.31	5.46	7.95	1.6	0.148
1220	8/28/2008 5:01	18.2	50.751	33.36	5.38	7.95	2	0.181
1221	8/28/2008 5:16	18.31	50.663	33.29	5.53	7.96	2.4	0.244
1222	8/28/2008 5:31	18.41	50.698	33.32	5.55	7.96	2.8	0.315
1223	8/28/2008 5:46	18.49	50.867	33.45	5.76	7.95	4.4	0.384
1224	8/28/2008 6:01	18.58	50.8	33.4	6	7.99	7.1	0.464
1225	8/28/2008 6:16	18.52	50.825	33.41	5.86	7.97	6	0.536
1226	8/28/2008 6:31	18.59	50.958	33.51	5.91	7.98	6.7	0.619
1227	8/28/2008 6:46	18.65	50.909	33.48	5.81	7.98	5.5	0.71
1228	8/28/2008 7:01	18.65	50.912	33.48	5.87	7.98	6.5	0.792
1229	8/28/2008 7:16	18.58	50.845	33.43	5.92	7.98	7.8	0.883
1230	8/28/2008 7:31	18.5	50.465	33.15	6	7.99	7	0.985
1231	8/28/2008 7:46	18.43	50.772	33.38	6	7.98	6.7	1.073
1232	8/28/2008 8:01	18.29	50.877	33.45	6	7.98	7.9	1.189
1233	8/28/2008 8:16	18.05	50.851	33.43	6.06	7.99	6	1.283
1234	8/28/2008 8:31	17.82	50.886	33.46	6.24	7.99	6.2	1.388
1235	8/28/2008 8:46	17.63	50.827	33.41	6.25	8	5.1	1.495
1236	8/28/2008 9:01	17.42	50.831	33.41	6.34	8	6.9	1.582
1237	8/28/2008 9:16	17.27	50.88	33.45	6.46	7.99	5.4	1.677
1238	8/28/2008 9:31	17.13	50.853	33.42	6.36	7.99	6.3	1.762
1239	8/28/2008 9:46	16.95	50.952	33.5	6.43	7.99	5.3	1.845
1240	8/28/2008 10:01	16.78	50.683	33.3	6.41	7.99	3.4	1.924
1241	8/28/2008 10:16	16.45	50.558	33.2	6.45	7.98	4.4	2.001
1242	8/28/2008 10:31	16.07	50.76	33.34	6.43	7.98	3.2	2.071
1243	8/28/2008 10:46	15.59	50.702	33.29	6.63	7.98	3.6	2.127
1244	8/28/2008 11:01	15.29	50.69	33.27	6.68	7.98	2.3	2.191
1245	8/28/2008 11:16	15.05	50.459	33.1	6.72	7.98	2.1	2.243
1246	8/28/2008 11:31	14.88	50.753	33.31	6.59	7.98	2.3	2.28
1247	8/28/2008 11:46	14.78	50.839	33.37	6.57	7.98	1.6	2.303
1248	8/28/2008 12:01	14.8	50.847	33.38	6.45	7.97	2	2.305
1249	8/28/2008 12:16	14.81	50.65	33.23	6.31	7.97	1.4	2.301
1250	8/28/2008 12:31	14.8	50.716	33.28	6.12	7.96	1.5	2.255
1251	8/28/2008 12:46	14.81	50.628	33.22	6.15	7.97	3.2	2.188
1252	8/28/2008 13:01	14.9	50.58	33.18	6.5	7.98	3.2	2.133
1253	8/28/2008 13:16	15.29	50.63	33.23	6.6	8	4.5	2.053
1254	8/28/2008 13:31	15.68	50.619	33.23	6.54	8	7.9	1.96
1255	8/28/2008 13:46	15.92	50.7	33.3	6.76	8.01	5.1	1.885
1256	8/28/2008 14:01	16.09	50.729	33.32	6.76	8.01	4.2	1.814
1257	8/28/2008 14:16	16.31	50.562	33.2	6.85	8.02	4.8	1.722
1258	8/28/2008 14:31	16.51	50.403	33.09	7.03	8.03	5.6	1.648
1259	8/28/2008 14:46	16.72	50.69	33.3	7.1	8.04	5.7	1.584

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1260	8/28/2008 15:01	17.02	50.607	33.24	7.08	8.04	6	1.501
1261	8/28/2008 15:16	17.32	50.498	33.17	7.06	8.04	6.9	1.435
1262	8/28/2008 15:31	17.48	50.456	33.14	6.82	8.03	5.1	1.368
1263	8/28/2008 15:46	17.68	50.52	33.19	6.75	8.03	5.1	1.311
1264	8/28/2008 16:01	17.81	51.075	33.59	6.59	8.02	4.7	1.251
1265	8/28/2008 16:16	17.9	50.354	33.07	6.49	8.02	3.6	1.214
1266	8/28/2008 16:31	18.05	50.467	33.15	6.37	8.01	3.4	1.198
1267	8/28/2008 16:46	18.16	50.179	32.94	6.35	8	3.5	1.201
1268	8/28/2008 17:01	18.25	50.486	33.16	6.47	8.02	3.4	1.217
1269	8/28/2008 17:16	18.2	50.589	33.24	6.8	8.03	4.8	1.218
1270	8/28/2008 17:31	18.34	50.318	33.04	7.2	8.05	5.2	1.283
1271	8/28/2008 17:46	18.53	50.479	33.16	7.32	8.05	5.4	1.344
1272	8/28/2008 18:01	18.69	50.672	33.3	7.27	8.05	4.3	1.407
1273	8/28/2008 18:16	18.58	50.703	33.32	7.11	8.03	4	1.482
1274	8/28/2008 18:31	18.62	50.326	33.05	7.2	8.05	4.6	1.555
1275	8/28/2008 18:46	18.6	50.485	33.16	7.12	8.04	4.2	1.633
1276	8/28/2008 19:01	18.39	50.364	33.07	6.98	8.03	3.8	1.71
1277	8/28/2008 19:16	18.09	51.225	33.71	7.02	8.02	9.1	1.796
1278	8/28/2008 19:31	17.84	50.294	33.02	6.95	8.01	76.7	1.875
1279	8/28/2008 19:46	17.39	50.995	33.53	6.79	8	1.7	1.951
1280	8/28/2008 20:01	16.78	50.928	33.48	6.97	8	2.6	2.047
1281	8/28/2008 20:16	16.48	50.692	33.3	6.98	8	2.3	2.136
1282	8/28/2008 20:31	16.16	50.439	33.11	7.06	8	2.5	2.228
1283	8/28/2008 20:46	15.63	50.677	33.27	7.06	7.99	2	2.322
1284	8/28/2008 21:01	15.06	50.796	33.35	7.16	7.99	2.1	2.412
1285	8/28/2008 21:16	14.49	50.817	33.35	7.15	7.97	2.1	2.506
1286	8/28/2008 21:31	14	50.793	33.31	7.17	7.96	1.8	2.586
1287	8/28/2008 21:46	13.62	50.725	33.25	7.14	7.96	1.5	2.665
1288	8/28/2008 22:01	13.39	50.696	33.22	7.21	7.95	1.4	2.735
1289	8/28/2008 22:16	13.19	50.696	33.21	7.25	7.95	1	2.794
1290	8/28/2008 22:31	13.1	50.699	33.21	7.21	7.95	1.3	2.829
1291	8/28/2008 22:46	13	50.512	33.07	7.17	7.95	0.7	2.867
1292	8/28/2008 23:01	12.97	50.745	33.24	7.15	7.95	0.7	2.874
1293	8/28/2008 23:16	13.06	50.473	33.05	7.05	7.95	0.9	2.855
1294	8/28/2008 23:31	13.11	50.558	33.11	6.85	7.95	0.8	2.827
1295	8/28/2008 23:46	13.17	50.508	33.08	6.67	7.96	1.4	2.773
1296	8/29/2008 0:01	13.46	50.241	32.89	6.71	7.97	2.4	2.696
1297	8/29/2008 0:16	13.64	50.544	33.12	6.74	7.98	3.2	2.597
1298	8/29/2008 0:31	13.75	50.632	33.19	6.8	7.98	3.4	2.492
1299	8/29/2008 0:46	14.1	50.21	32.89	6.72	7.99	3.8	2.381
1300	8/29/2008 1:01	14.64	50.599	33.19	6.67	7.99	4.2	2.26
1301	8/29/2008 1:16	15.14	50.531	33.15	6.69	8	4.9	2.131
1302	8/29/2008 1:31	15.66	50.502	33.15	6.68	8	6.2	1.998
1303	8/29/2008 1:46	15.93	50.481	33.13	6.61	8.01	5.1	1.88
1304	8/29/2008 2:01	16.35	50.52	33.17	6.53	8	4.8	1.751

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1305	8/29/2008 2:16	16.4	50.653	33.27	6.38	8	4.5	1.62
1306	8/29/2008 2:31	16.23	50.665	33.27	6.38	7.99	4.3	1.471
1307	8/29/2008 2:46	16.12	50.462	33.12	6.4	7.99	4.7	1.339
1308	8/29/2008 3:01	16.19	50.479	33.14	6.35	7.99	4	1.189
1309	8/29/2008 3:16	16.36	50.53	33.18	6.3	7.99	4.1	1.043
1310	8/29/2008 3:31	16.66	50.462	33.13	6.23	7.99	4	0.907
1311	8/29/2008 3:46	16.81	50.581	33.22	6.22	7.99	3.4	0.761
1312	8/29/2008 4:01	17.03	50.643	33.27	6.22	7.98	3.5	0.621
1313	8/29/2008 4:16	17.23	50.447	33.13	6.21	7.99	2.7	0.482
1314	8/29/2008 4:31	17.44	50.626	33.26	6.17	7.99	2.7	0.361
1315	8/29/2008 4:46	17.67	50.616	33.26	6.12	7.99	2.4	0.282
1316	8/29/2008 5:01	17.87	50.691	33.31	6.05	7.98	2	0.199
1317	8/29/2008 5:16	18.05	50.64	33.28	5.96	7.98	1.8	0.148
1318	8/29/2008 5:31	18.18	50.767	33.37	5.9	7.97	1.5	0.131
1319	8/29/2008 5:46	18.35	50.574	33.23	5.83	7.97	1	0.16
1320	8/29/2008 6:01	18.61	50.667	33.3	6.02	8	1.8	0.214
1321	8/29/2008 6:16	18.72	50.857	33.44	6.13	8	1.9	0.279
1322	8/29/2008 6:31	18.77	50.898	33.47	6.37	8.01	2.1	0.373
1323	8/29/2008 6:46	18.8	50.841	33.43	6.36	8.01	2.4	0.464
1324	8/29/2008 7:01	18.74	50.664	33.3	6.38	8.01	3.2	0.567
1325	8/29/2008 7:16	18.81	50.768	33.37	6.29	8.01	4.3	0.642
1326	8/29/2008 7:31	18.84	50.542	33.21	6.11	8	19.2	0.746
1327	8/29/2008 7:46	18.79	50.772	33.38	6.17	8	5.1	0.844
1328	8/29/2008 8:01	18.56	50.681	33.31	6.22	7.99	7.3	0.925
1329	8/29/2008 8:16	18.43	50.767	33.37	6.3	7.99	4	1.04
1330	8/29/2008 8:31	18.32	50.83	33.42	6.25	7.99	4.3	1.149
1331	8/29/2008 8:46	17.95	50.882	33.45	6.33	7.98	4.5	1.261
1332	8/29/2008 9:01	17.73	50.571	33.22	6.4	7.99	4.8	1.365
1333	8/29/2008 9:16	17.51	50.742	33.35	6.35	7.99	5.4	1.471
1334	8/29/2008 9:31	17.26	50.658	33.28	6.44	7.99	4.9	1.578
1335	8/29/2008 9:46	17.06	50.766	33.36	6.45	7.99	5.3	1.677
1336	8/29/2008 10:01	16.92	50.599	33.24	6.43	7.98	5.8	1.775
1337	8/29/2008 10:16	16.69	50.7	33.31	6.46	7.98	4.8	1.863
1338	8/29/2008 10:31	16.21	50.768	33.35	6.58	7.97	4.4	1.962
1339	8/29/2008 10:46	15.83	50.488	33.14	6.6	7.97	3.9	2.044
1340	8/29/2008 11:01	15.19	50.479	33.12	6.78	7.96	4	2.125
1341	8/29/2008 11:16	14.89	50.754	33.31	6.81	7.96	7.6	2.204
1342	8/29/2008 11:31	14.51	50.411	33.05	6.96	7.96	4	2.277
Mean		16.79	50.78	33.36	6.90	8.01	2.99	1.70
Minimum		12.29	49.59	32.47	5.05	7.85	0.40	0.13
Maximum		19.68	51.75	34.09	9.00	8.20	76.70	2.87
Standard Dev.		1.56	0.38	0.28	0.65	0.06	2.69	0.66

Parameter	Criteria	Source

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

		SpCond	Salinity	DO Conc	Turbidity+	Depth		
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
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						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	8/29/2008 12:01	13.2	51.027	33.46	7.57	7.9	10	2.791	88.9
1	8/29/2008 12:16	13	50.93	33.38	7.56	7.91	6	2.838	88.4
2	8/29/2008 12:31	12.81	51	33.42	7.52	7.92	4.3	2.863	87.6
3	8/29/2008 12:46	13.28	51.121	33.53	7.5	7.96	5.3	2.863	88.3
4	8/29/2008 13:01	13.01	51.092	33.5	7.44	7.95	5.8	2.832	87.1
5	8/29/2008 13:16	13.06	50.971	33.41	7.52	7.92	6.7	2.776	88.1
6	8/29/2008 13:31	14.85	50.776	33.33	7.82	7.99	7.6	2.709	94.9
7	8/29/2008 13:46	15.07	50.884	33.41	7.9	7.98	11.4	2.627	96.3
8	8/29/2008 14:01	15.5	50.889	33.43	8.08	8	10.6	2.532	99.3
9	8/29/2008 14:16	15.77	50.933	33.46	8.11	8.01	9.6	2.428	100.3
10	8/29/2008 14:31	16.06	50.95	33.48	8.24	8.03	8.6	2.332	102.4
11	8/29/2008 14:46	16.29	50.94	33.48	8.35	8.04	6.8	2.246	104.3
12	8/29/2008 15:01	16.75	50.958	33.5	8.4	8.08	7.6	2.154	105.9
13	8/29/2008 15:16	16.8	51.009	33.54	8.56	8.06	6.7	2.202	108
14	8/29/2008 15:31	16.76	51	33.53	8.67	8.06	6.6	2.11	109.3
15	8/29/2008 15:46	17.13	51	33.53	8.63	8.07	6.9	2.02	109.6
16	8/29/2008 16:01	17.27	51.043	33.57	8.61	8.07	7	1.948	109.6
17	8/29/2008 16:16	17.35	51.064	33.58	8.7	8.07	6	1.858	111
18	8/29/2008 16:31	17.59	51.058	33.58	8.9	8.08	5.4	1.798	114
19	8/29/2008 16:46	17.91	51.135	33.64	8.81	8.09	4.9	1.725	113.7
20	8/29/2008 17:01	18.06	51.152	33.65	8.99	8.11	4.9	1.677	116.4
21	8/29/2008 17:16	18.68	51.202	33.69	8.8	8.11	5.3	1.639	115.2
22	8/29/2008 17:31	18.86	51.218	33.7	8.72	8.11	4.7	1.617	114.6
23	8/29/2008 17:46	19.09	51.231	33.71	8.37	8.09	4.4	1.624	110.5
24	8/29/2008 18:01	19.17	51.26	33.74	8.58	8.1	5.6	1.645	113.3
25	8/29/2008 18:16	19.07	51.249	33.73	8.68	8.1	5.6	1.684	114.5
26	8/29/2008 18:31	19.04	51.231	33.71	8.43	8.08	6	1.738	111.2
27	8/29/2008 18:46	18.96	51.229	33.71	8.33	8.07	6.4	1.812	109.7
28	8/29/2008 19:01	18.93	51.199	33.69	8.2	8.05	7.6	1.894	107.9
29	8/29/2008 19:16	18.94	51.17	33.67	8.12	8.04	9.2	1.98	106.9
30	8/29/2008 19:31	18.48	51.162	33.66	8.06	8.03	8.3	2.072	105
31	8/29/2008 19:46	18.19	51.128	33.64	7.98	8.03	7.4	2.15	103.5
32	8/29/2008 20:01	17.7	51.112	33.62	7.87	8.01	8.1	2.24	101.1
33	8/29/2008 20:16	16.94	51.081	33.59	7.57	8	8.5	2.336	95.8
34	8/29/2008 20:31	16.64	51.059	33.57	7.53	7.98	8.5	2.418	94.8
35	8/29/2008 20:46	16.39	51.068	33.57	7.53	7.98	8.4	2.517	94.3
36	8/29/2008 21:01	16.1	51.062	33.56	7.62	7.98	9.5	2.608	94.8
37	8/29/2008 21:16	15.54	51.072	33.56	7.63	7.97	10.4	2.703	94
38	8/29/2008 21:31	15.19	51.052	33.54	7.64	7.99	11.8	2.796	93.5
39	8/29/2008 21:46	14.28	51.06	33.52	7.76	7.98	13.7	2.898	93.1
40	8/29/2008 22:01	13.82	51.094	33.53	7.74	7.97	12.7	2.991	92
41	8/29/2008 22:16	13.11	51.128	33.53	7.74	8.16	12	3.091	90.8
42	8/29/2008 22:31	12.86	51.105	33.5	7.74	7.95	9.9	3.173	90.2
43	8/29/2008 22:46	12.64	51.119	33.5	7.75	7.95	9.2	3.255	89.9
44	8/29/2008 23:01	12.52	51.121	33.5	7.73	7.92	9	3.332	89.6
45	8/29/2008 23:16	12.48	51.145	33.51	7.7	7.93	6.9	3.382	89.1
46	8/29/2008 23:31	12.39	51.135	33.5	7.67	7.95	5.7	3.428	88.6
47	8/29/2008 23:46	12.29	51.157	33.51	7.5	7.94	4	3.453	86.4
48	8/30/2008 0:01	12.77	51.124	33.51	7.53	7.95	4.6	3.463	87.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
49	8/30/2008 0:16	12.53	51.172	33.53	7.56	7.95	5.6	3.432	87.6
50	8/30/2008 0:31	12.49	51.134	33.51	7.58	7.95	7.1	3.385	87.7
51	8/30/2008 0:46	12.97	51.135	33.53	7.41	7.95	7.7	3.316	86.7
52	8/30/2008 1:01	13.51	51.117	33.53	7.35	7.96	6.3	3.222	86.9
53	8/30/2008 1:16	13.63	51.036	33.48	7.33	8.15	6	3.119	86.8
54	8/30/2008 1:31	14.23	51.084	33.53	7.31	7.97	8	2.994	87.7
55	8/30/2008 1:46	14.5	51.079	33.54	7.38	7.98	9.4	2.876	89
56	8/30/2008 2:01	14.84	51.106	33.57	7.33	7.98	7.5	2.758	89.1
57	8/30/2008 2:16	15.56	51.093	33.58	7.19	7.98	7.7	2.633	88.5
58	8/30/2008 2:31	15.96	51.085	33.58	7.17	7.99	8.2	2.492	89
59	8/30/2008 2:46	16.36	51.124	33.61	6.97	7.99	7.4	2.364	87.3
60	8/30/2008 3:01	16.3	51.105	33.6	6.9	7.97	6.9	2.23	86.3
61	8/30/2008 3:16	16.08	51.059	33.56	6.85	7.96	7	2.089	85.2
62	8/30/2008 3:31	15.97	51.096	33.59	7.06	7.98	7.4	1.951	87.7
63	8/30/2008 3:46	16.01	51.119	33.6	7.11	7.98	7.3	1.811	88.3
64	8/30/2008 4:01	16.23	51.12	33.61	7	7.98	5.7	1.673	87.4
65	8/30/2008 4:16	16.9	51.128	33.62	6.95	8	7	1.519	87.9
66	8/30/2008 4:31	17.1	51.165	33.65	6.92	7.99	5.7	1.377	87.8
67	8/30/2008 4:46	17.3	51.16	33.65	6.9	8	5.5	1.246	88
68	8/30/2008 5:01	17.5	51.173	33.66	6.84	8	5.2	1.108	87.5
69	8/30/2008 5:16	17.67	51.183	33.67	6.91	8	5.1	0.991	88.7
70	8/30/2008 5:31	17.91	51.199	33.69	6.88	7.98	4.9	0.892	88.7
71	8/30/2008 5:46	18.05	51.204	33.69	6.83	7.98	5.9	0.812	88.4
72	8/30/2008 6:01	18.35	51.257	33.73	6.83	8.02	4.8	0.775	88.8
73	8/30/2008 6:16	18.46	51.308	33.77	6.91	8.02	4.6	0.762	90.2
74	8/30/2008 6:31	18.45	51.254	33.73	6.92	8.03	4.7	0.789	90.3
75	8/30/2008 6:46	18.41	51.339	33.79	7.09	8.02	4.2	0.852	92.4
76	8/30/2008 7:01	18.65	51.288	33.76	7.11	8.04	4	0.933	93
77	8/30/2008 7:16	18.68	51.27	33.74	7.15	8.02	4.2	1.026	93.6
78	8/30/2008 7:31	18.61	51.279	33.75	7.1	8.01	4.4	1.125	92.9
79	8/30/2008 7:46	18.61	51.23	33.71	6.93	8.02	5.8	1.225	90.7
80	8/30/2008 8:01	18.7	51.19	33.68	6.75	7.98	7.2	1.315	88.4
81	8/30/2008 8:16	18.39	51.212	33.7	6.93	8.01	6.5	1.417	90.2
82	8/30/2008 8:31	18.15	51.201	33.69	6.93	8	6.2	1.513	89.8
83	8/30/2008 8:46	18.02	51.201	33.69	6.93	8	5.9	1.628	89.6
84	8/30/2008 9:01	17.84	51.183	33.67	6.93	8	6.7	1.742	89.3
85	8/30/2008 9:16	17.61	51.183	33.67	6.93	7.99	7.4	1.846	88.9
86	8/30/2008 9:31	17.42	51.154	33.65	6.9	7.99	7.9	1.956	88.1
87	8/30/2008 9:46	17.17	51.148	33.64	6.93	7.99	8.5	2.07	88.1
88	8/30/2008 10:01	16.86	51.117	33.62	6.95	7.96	9.6	2.188	87.9
89	8/30/2008 10:16	16.68	51.089	33.59	6.96	7.95	10.9	2.285	87.7
90	8/30/2008 10:31	16.57	51.117	33.61	6.97	7.98	10.3	2.388	87.6
91	8/30/2008 10:46	16.15	51.069	33.57	7.03	7.97	13.7	2.482	87.6
92	8/30/2008 11:01	15.7	51.04	33.54	7.1	7.97	12.2	2.585	87.7
93	8/30/2008 11:16	14.59	51.084	33.55	7.31	7.95	14.2	2.663	88.4
94	8/30/2008 11:31	13.96	51.101	33.54	7.41	8.15	13.4	2.76	88.3
95	8/30/2008 11:46	13.58	51.115	33.54	7.45	8.16	13.7	2.843	88.2
96	8/30/2008 12:01	13.45	51.118	33.53	7.47	8.16	11.8	2.923	88.1
97	8/30/2008 12:16	13.15	51.117	33.52	7.48	7.95	11.1	3.001	87.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
98	8/30/2008 12:31	12.67	51.123	33.51	7.57	7.95	9	3.057	87.9
99	8/30/2008 12:46	12.43	51.149	33.51	7.62	8.16	6.3	3.101	88
100	8/30/2008 13:01	12.26	51.163	33.52	7.54	8.16	5	3.123	86.8
101	8/30/2008 13:16	12.56	51.178	33.54	7.59	8.16	6.2	3.125	88
102	8/30/2008 13:31	12.31	51.158	33.51	7.57	8.15	5.9	3.107	87.3
103	8/30/2008 13:46	12.46	51.139	33.51	7.52	8.16	7.5	3.057	87
104	8/30/2008 14:01	13.06	51.121	33.52	7.58	8.17	8.7	2.989	88.8
105	8/30/2008 14:16	13.98	51.036	33.49	7.8	7.99	11	2.894	93
106	8/30/2008 14:31	14.12	51.061	33.51	7.84	7.99	12.8	2.796	93.8
107	8/30/2008 14:46	14.22	51.068	33.52	7.95	8	10.9	2.688	95.3
108	8/30/2008 15:01	14.48	51.079	33.54	7.99	8.01	11.7	2.581	96.4
109	8/30/2008 15:16	15.12	51.058	33.54	8.03	8.02	11.4	2.478	98
110	8/30/2008 15:31	15	51.079	33.55	8.21	8.03	10.4	2.371	100
111	8/30/2008 15:46	15.49	51.107	33.58	8.18	8.04	10.9	2.266	100.7
112	8/30/2008 16:01	15.25	51.097	33.57	8.31	8.03	11.3	2.158	101.7
113	8/30/2008 16:16	16.06	51.136	33.62	8.21	8.03	11	2.059	102.2
114	8/30/2008 16:31	16.32	51.152	33.63	8.42	8.07	11.2	1.966	105.4
115	8/30/2008 16:46	16.38	51.112	33.61	8.57	8.07	11	1.866	107.3
116	8/30/2008 17:01	16.58	51.137	33.63	8.77	8.1	10.7	1.768	110.2
117	8/30/2008 17:16	16.71	51.116	33.61	9.14	8.12	9.8	1.677	115.2
118	8/30/2008 17:31	17.07	51.149	33.64	8.8	8.09	10.4	1.611	111.6
119	8/30/2008 17:46	17.45	51.202	33.69	8.98	8.13	10.1	1.537	114.9
120	8/30/2008 18:01	17.75	51.2	33.69	8.77	8.13	10.4	1.481	112.8
121	8/30/2008 18:16	18.19	51.252	33.73	8.63	8.13	10.1	1.449	111.9
122	8/30/2008 18:31	18.43	51.246	33.72	8.3	8.11	9.8	1.453	108.1
123	8/30/2008 18:46	18.47	51.261	33.74	8.12	8.1	9.4	1.465	105.8
124	8/30/2008 19:01	18.59	51.268	33.74	8.15	8.07	9.7	1.493	106.5
125	8/30/2008 19:16	18.44	51.274	33.74	8.06	8.06	9.2	1.558	105.1
126	8/30/2008 19:31	18.57	51.284	33.75	7.99	8.06	12.3	1.628	104.5
127	8/30/2008 19:46	18.38	51.274	33.74	7.93	8.07	10.4	1.72	103.3
128	8/30/2008 20:01	18.49	51.219	33.7	7.86	8.06	11.5	1.813	102.5
129	8/30/2008 20:16	18.31	51.225	33.71	7.87	8.06	12.5	1.917	102.4
130	8/30/2008 20:31	17.92	51.183	33.67	7.9	8.05	10.8	2.016	102
131	8/30/2008 20:46	17.56	51.166	33.66	7.9	8.01	12.9	2.103	101.2
132	8/30/2008 21:01	17.02	51.139	33.63	7.63	8.01	13.9	2.209	96.8
133	8/30/2008 21:16	16.62	51.148	33.64	7.54	8	11.4	2.299	94.9
134	8/30/2008 21:31	16.23	51.128	33.61	7.52	8	10.4	2.39	93.9
135	8/30/2008 21:46	16	51.122	33.61	7.58	8	10.4	2.488	94.2
136	8/30/2008 22:01	15.47	51.118	33.59	7.59	7.99	11.7	2.577	93.4
137	8/30/2008 22:16	15.22	51.117	33.59	7.62	7.99	11.7	2.68	93.2
138	8/30/2008 22:31	14.75	51.105	33.57	7.73	7.99	13	2.784	93.7
139	8/30/2008 22:46	14.28	51.102	33.55	7.76	8.18	12.8	2.877	93.2
140	8/30/2008 23:01	13.45	51.135	33.55	7.9	8.17	11.6	2.975	93.3
141	8/30/2008 23:16	13.01	51.139	33.53	7.99	7.74	10.4	3.059	93.5
142	8/30/2008 23:31	12.81	51.15	33.53	7.98	8.17	11.2	3.158	93
143	8/30/2008 23:46	12.74	51.139	33.52	7.97	8.17	9.2	3.225	92.7
144	8/31/2008 0:01	12.47	51.186	33.54	7.97	8.17	7.4	3.292	92.2
145	8/31/2008 0:16	12.25	51.182	33.53	7.93	8.16	6	3.346	91.3
146	8/31/2008 0:31	12.22	51.155	33.51	7.87	8.16	4.2	3.382	90.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
147	8/31/2008 0:46	12.67	51.049	33.45	7.73	8.17	5.4	3.399	89.7
148	8/31/2008 1:01	12.33	51.177	33.53	7.78	8.16	5.3	3.383	89.7
149	8/31/2008 1:16	12.24	51.161	33.51	7.81	8.16	5.9	3.348	90
150	8/31/2008 1:31	12.6	51.163	33.53	7.77	8.17	8.7	3.273	90.1
151	8/31/2008 1:46	12.54	51.16	33.53	7.82	8.17	12.3	3.187	90.6
152	8/31/2008 2:01	12.4	51.217	33.56	7.83	8.16	14.3	3.091	90.5
153	8/31/2008 2:16	12.45	51.152	33.52	7.8	8.16	12.9	2.979	90.2
154	8/31/2008 2:31	12.99	51.15	33.54	7.71	8.17	13.2	2.861	90.1
155	8/31/2008 2:46	14.13	51.139	33.57	7.5	7.98	15.5	2.742	89.8
156	8/31/2008 3:01	14.81	50.868	33.39	7.33	7.96	12.7	2.621	88.9
157	8/31/2008 3:16	14.89	51.139	33.59	7.32	7.99	14.1	2.493	89
158	8/31/2008 3:31	13.48	51.179	33.58	7.48	7.95	12.3	2.378	88.4
159	8/31/2008 3:46	13.06	51.173	33.56	7.62	8.15	14.2	2.232	89.3
160	8/31/2008 4:01	13.9	51.107	33.54	7.5	8.17	13.7	2.094	89.4
161	8/31/2008 4:16	14.04	51.124	33.56	7.48	7.97	18.1	1.963	89.3
162	8/31/2008 4:31	14.67	51.198	33.63	7.37	7.98	13.6	1.822	89.2
163	8/31/2008 4:46	15.2	51.188	33.64	7.24	7.99	12.1	1.684	88.6
164	8/31/2008 5:01	15.27	51.179	33.63	7.14	7.98	11.1	1.55	87.6
165	8/31/2008 5:16	15.53	51.199	33.65	7.06	7.98	8.7	1.417	87
166	8/31/2008 5:31	15.64	51.166	33.63	7.01	7.98	8.3	1.281	86.5
167	8/31/2008 5:46	16.03	51.195	33.66	6.97	7.99	7.9	1.162	86.7
168	8/31/2008 6:01	16.23	51.175	33.65	6.94	7.99	6.6	1.049	86.7
169	8/31/2008 6:16	16.7	51.234	33.7	6.85	8.01	6.8	0.973	86.3
170	8/31/2008 6:31	16.8	51.285	33.74	6.78	8	6.4	0.91	85.6
171	8/31/2008 6:46	16.83	51.222	33.69	6.61	8	5.4	0.873	83.5
172	8/31/2008 7:01	17.16	51.324	33.77	6.59	8.01	5.5	0.88	83.8
173	8/31/2008 7:16	17.02	51.291	33.75	6.82	8.01	5.8	0.913	86.6
174	8/31/2008 7:31	16.98	51.269	33.73	6.88	8.01	5.3	0.985	87.3
175	8/31/2008 7:46	17.16	51.295	33.75	6.86	8.02	5.6	1.06	87.3
176	8/31/2008 8:01	17.07	51.31	33.76	6.91	8.02	5.3	1.155	87.8
177	8/31/2008 8:16	17.03	51.308	33.76	6.88	8.01	6.2	1.266	87.3
178	8/31/2008 8:31	17	51.261	33.72	6.89	8.01	6.8	1.366	87.4
179	8/31/2008 8:46	16.78	51.309	33.76	6.93	7.98	6.9	1.46	87.5
180	8/31/2008 9:01	16.6	51.248	33.71	6.97	7.97	6.8	1.569	87.8
181	8/31/2008 9:16	16.53	51.247	33.71	7.01	8	7.4	1.684	88
182	8/31/2008 9:31	16.48	51.249	33.71	7	8	7.7	1.786	87.9
183	8/31/2008 9:46	16.43	51.245	33.7	7.04	8	8.9	1.895	88.3
184	8/31/2008 10:01	16.39	51.214	33.68	7.04	8	10.1	2.023	88.3
185	8/31/2008 10:16	16.26	51.183	33.66	7.07	7.99	11.1	2.122	88.3
186	8/31/2008 10:31	16.02	51.145	33.62	7.12	7.99	12.5	2.227	88.5
187	8/31/2008 10:46	15.81	51.16	33.63	7.14	7.98	13	2.331	88.4
188	8/31/2008 11:01	15.7	51.16	33.63	7.17	7.98	13.9	2.435	88.6
189	8/31/2008 11:16	15.52	51.157	33.62	7.27	7.98	14.4	2.532	89.5
190	8/31/2008 11:31	15.11	51.091	33.56	7.38	7.98	17.3	2.628	90.1
191	8/31/2008 11:46	14.7	51.109	33.57	7.49	8.17	17.3	2.732	90.7
192	8/31/2008 12:01	13.6	51.118	33.54	7.74	8.16	15.9	2.82	91.7
193	8/31/2008 12:16	13.3	51.144	33.55	7.78	8.17	14.7	2.904	91.6
194	8/31/2008 12:31	13.08	51.132	33.53	7.81	8.17	12.4	2.988	91.5
195	8/31/2008 12:46	12.92	51.133	33.52	7.82	8.17	13.4	3.078	91.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
196	8/31/2008 13:01	12.8	51.136	33.52	7.89	8.17	9	3.132	91.9
197	8/31/2008 13:16	12.68	51.175	33.54	7.92	8.17	6.6	3.18	92
198	8/31/2008 13:31	12.59	51.174	33.54	7.83	8.17	5	3.202	90.9
199	8/31/2008 13:46	12.6	51.203	33.56	7.71	8.16	6	3.207	89.4
200	8/31/2008 14:01	12.63	51.143	33.52	7.81	8.16	6.1	3.184	90.7
201	8/31/2008 14:16	13.35	51.124	33.53	7.79	8.17	35.5	3.125	91.8
202	8/31/2008 14:31	13.46	51.146	33.55	7.78	7.74	50.2	3.052	91.9
203	8/31/2008 14:46	13.55	51.11	33.53	7.79	7.74	63.4	2.966	92.1
204	8/31/2008 15:01	13.54	51.105	33.53	7.81	7.73	51.3	2.868	92.4
205	8/31/2008 15:16	13.95	51.018	33.48	7.78	7.74	41.1	2.756	92.8
206	8/31/2008 15:31	14.46	51.116	33.57	7.66	7.95	57.3	2.639	92.3
207	8/31/2008 15:46	14.79	51.051	33.53	7.62	7.97	55.3	2.534	92.4
208	8/31/2008 16:01	14.88	51.077	33.55	7.64	7.97	62.6	2.42	92.9
209	8/31/2008 16:16	14.68	51.094	33.56	7.71	7.96	53.6	2.311	93.3
210	8/31/2008 16:31	15.52	51.079	33.57	7.52	7.98	97.4	2.202	92.5
211	8/31/2008 16:46	15.86	51.03	33.54	7.49	7.95	111.8	2.076	92.9
212	8/31/2008 17:01	15.99	51.034	33.54	7.41	7.98	122	1.97	92.1
213	8/31/2008 17:16	15.99	51.02	33.53	7.43	7.95	145	1.862	92.3
214	8/31/2008 17:31	16.06	50.988	33.51	7.48	7.98	140.2	1.741	93.1
215	8/31/2008 17:46	16.26	50.877	33.43	7.42	7.98	139	1.637	92.6
216	8/31/2008 18:01	16.36	50.965	33.5	7.4	7.98	124.6	1.537	92.6
217	8/31/2008 18:16	16.49	50.792	33.37	7.44	7.96	74.8	1.454	93.2
218	8/31/2008 18:31	16.48	50.895	33.45	7.6	8	48	1.369	95.2
219	8/31/2008 18:46	16.52	50.913	33.46	7.6	8	39.4	1.318	95.3
220	8/31/2008 19:01	16.56	50.932	33.48	7.44	8	26.7	1.318	93.4
221	8/31/2008 19:16	16.32	50.958	33.49	7.74	8.02	21.2	1.297	96.8
222	8/31/2008 19:31	16.86	50.882	33.44	7.48	8	29.5	1.312	94.5
223	8/31/2008 19:46	16.67	50.988	33.52	7.36	7.98	27.4	1.366	92.6
224	8/31/2008 20:01	16.78	51.116	33.61	7.32	7.98	31.5	1.437	92.4
225	8/31/2008 20:16	16.86	51.22	33.69	7.27	7.98	39.4	1.516	91.9
226	8/31/2008 20:31	16.89	51.209	33.68	7.25	7.98	36.6	1.605	91.7
227	8/31/2008 20:46	16.87	51.162	33.65	7.24	7.95	33.8	1.715	91.5
228	8/31/2008 21:01	16.83	51.177	33.66	7.29	7.98	44.7	1.82	92.1
229	8/31/2008 21:16	16.76	51.173	33.66	7.34	7.99	32.3	1.919	92.6
230	8/31/2008 21:31	16.76	51.217	33.69	7.28	7.98	28.6	2.012	91.9
231	8/31/2008 21:46	16.71	51.195	33.67	7.26	7.98	45.2	2.114	91.6
232	8/31/2008 22:01	16.06	51.081	33.58	7.51	7.99	66.2	2.21	93.4
233	8/31/2008 22:16	15.78	51.059	33.56	7.63	8	60.3	2.293	94.3
234	8/31/2008 22:31	15.56	51.043	33.54	7.66	8	56.4	2.39	94.4
235	8/31/2008 22:46	15.48	51.073	33.56	7.62	8	58.6	2.475	93.7
236	8/31/2008 23:01	15.27	51.085	33.56	7.65	7.97	54.5	2.564	93.7
237	8/31/2008 23:16	15.12	51.012	33.51	7.69	7.99	62.4	2.649	93.9
238	8/31/2008 23:31	14.82	51.037	33.52	7.75	7.99	66.2	2.729	94
239	8/31/2008 23:46	14.28	51.037	33.5	7.92	7.77	64.1	2.816	95.1
240	9/1/2008 0:01	13.79	51.016	33.47	7.95	8.18	53	2.897	94.5
241	9/1/2008 0:16	13.33	51.075	33.5	7.99	7.75	43.5	2.98	94
242	9/1/2008 0:31	13.06	50.996	33.43	8.04	8.18	35	3.056	94.1
243	9/1/2008 0:46	12.88	51.039	33.45	8.07	8.18	23.4	3.127	94.2
244	9/1/2008 1:01	12.83	51.033	33.45	8.03	7.75	14.5	3.181	93.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
245	9/1/2008 1:16	12.74	51.342	33.67	7.94	7.75	10.9	3.217	92.4
246	9/1/2008 1:31	12.67	51.056	33.46	7.79	8.17	8	3.244	90.4
247	9/1/2008 1:46	12.75	51.191	33.56	7.87	7.93	10.6	3.241	91.6
248	9/1/2008 2:01	12.55	51.07	33.46	7.9	7.74	11.2	3.209	91.5
249	9/1/2008 2:16	12.63	51.031	33.44	7.98	8.18	16.9	3.15	92.6
250	9/1/2008 2:31	13.17	51.013	33.45	7.78	8.17	23.9	3.074	91.3
251	9/1/2008 2:46	14.06	51.098	33.54	7.45	7.95	44.4	2.975	89
252	9/1/2008 3:01	13.82	51.085	33.52	7.51	7.74	24.4	2.868	89.4
253	9/1/2008 3:16	14.19	51.056	33.51	7.43	7.97	27.9	2.749	89
254	9/1/2008 3:31	14.49	51.134	33.58	7.27	8.16	29.3	2.646	87.7
255	9/1/2008 3:46	14.99	51.127	33.59	7.1	7.97	36.3	2.522	86.5
256	9/1/2008 4:01	15.19	51.14	33.6	7.04	7.97	49.4	2.401	86.2
257	9/1/2008 4:16	15.2	51.137	33.6	7.01	7.97	44	2.283	85.8
258	9/1/2008 4:31	15.18	51.176	33.63	6.88	7.93	26.7	2.162	84.1
259	9/1/2008 4:46	14.85	51.24	33.67	6.95	7.92	28.9	2.023	84.4
260	9/1/2008 5:01	14.5	51.18	33.61	7.05	8.14	26	1.898	85
261	9/1/2008 5:16	14.46	51.199	33.63	7.12	8.14	26.6	1.775	85.8
262	9/1/2008 5:31	14.57	51.234	33.66	7.03	7.91	25	1.643	84.9
263	9/1/2008 5:46	14.7	51.232	33.66	6.96	7.94	23.4	1.515	84.4
264	9/1/2008 6:01	14.95	51.216	33.65	6.86	7.95	21.4	1.393	83.6
265	9/1/2008 6:16	15.05	51.24	33.67	6.84	7.94	20.7	1.292	83.5
266	9/1/2008 6:31	15.25	51.245	33.68	6.79	7.92	17.8	1.195	83.2
267	9/1/2008 6:46	15.34	51.247	33.68	6.73	7.92	16.4	1.107	82.6
268	9/1/2008 7:01	15.38	51.319	33.74	6.7	7.92	13.3	1.065	82.3
269	9/1/2008 7:16	15.41	51.279	33.71	6.6	7.94	11.7	1.041	81.1
270	9/1/2008 7:31	15.27	51.29	33.71	6.66	7.94	12.3	1.041	81.7
271	9/1/2008 7:46	15.43	51.333	33.75	6.8	7.95	12.7	1.074	83.6
272	9/1/2008 8:01	15.53	51.336	33.75	6.82	7.93	13.2	1.112	84.1
273	9/1/2008 8:16	15.67	51.33	33.75	6.82	7.96	13.8	1.197	84.3
274	9/1/2008 8:31	15.64	51.383	33.79	6.85	7.96	16.8	1.291	84.6
275	9/1/2008 8:46	15.67	51.398	33.8	6.84	7.93	17.9	1.369	84.5
276	9/1/2008 9:01	15.65	51.346	33.76	6.83	7.96	18.6	1.469	84.3
277	9/1/2008 9:16	15.52	51.384	33.79	6.81	7.93	20.8	1.567	84
278	9/1/2008 9:31	15.43	51.345	33.76	6.87	7.95	22.7	1.676	84.5
279	9/1/2008 9:46	15.3	51.354	33.76	6.95	7.92	20.9	1.773	85.2
280	9/1/2008 10:01	15.37	51.327	33.74	6.95	7.93	17.8	1.869	85.4
281	9/1/2008 10:16	15.46	51.369	33.78	6.94	7.93	19.9	1.987	85.5
282	9/1/2008 10:31	15.5	51.369	33.78	6.94	7.94	21.8	2.089	85.5
283	9/1/2008 10:46	15.43	51.325	33.74	7.02	7.94	27	2.186	86.4
284	9/1/2008 11:01	15.23	51.27	33.7	7.11	7.96	35.6	2.299	87.1
285	9/1/2008 11:16	15.09	51.284	33.71	7.15	7.94	38.1	2.396	87.4
286	9/1/2008 11:31	14.95	51.176	33.62	7.25	7.97	37.2	2.494	88.3
287	9/1/2008 11:46	14.8	51.24	33.67	7.3	7.94	41.4	2.592	88.7
288	9/1/2008 12:01	14.31	51.176	33.6	7.48	7.74	43.6	2.69	89.9
289	9/1/2008 12:16	13.76	51.186	33.59	7.6	8.16	39.5	2.787	90.4
290	9/1/2008 12:31	13.1	51.181	33.57	7.69	7.73	39.9	2.885	90.2
291	9/1/2008 12:46	12.8	51.221	33.58	7.7	7.73	35	2.972	89.7
292	9/1/2008 13:01	12.54	51.209	33.56	7.71	7.73	32.9	3.058	89.4
293	9/1/2008 13:16	12.4	51.198	33.55	7.7	7.73	32.2	3.137	88.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
294	9/1/2008 13:31	12.2	51.216	33.55	7.64	7.73	21.1	3.197	87.8
295	9/1/2008 13:46	12.01	51.214	33.54	7.56	7.72	12.9	3.243	86.6
296	9/1/2008 14:01	11.89	51.231	33.55	7.41	7.71	8.5	3.276	84.7
297	9/1/2008 14:16	11.86	51.269	33.57	7.3	7.71	9.5	3.27	83.4
298	9/1/2008 14:31	11.87	51.214	33.53	7.47	7.71	14.1	3.243	85.3
299	9/1/2008 14:46	12.78	51.158	33.54	7.71	7.73	68.1	3.191	89.8
300	9/1/2008 15:01	12.5	50.551	33.08	7.69	7.91	106	3.125	88.8
301	9/1/2008 15:16	12.45	51.119	33.49	7.66	8.15	103.3	3.029	88.6
302	9/1/2008 15:31	12.37	51.167	33.52	7.68	7.71	111	2.916	88.7
303	9/1/2008 15:46	12.49	50.863	33.31	7.74	8.15	91.4	2.826	89.4
304	9/1/2008 16:01	12.8	51.016	33.43	7.75	8.15	80.3	2.712	90.2
305	9/1/2008 16:16	13.32	51.06	33.49	7.76	8.16	82.3	2.579	91.4
306	9/1/2008 16:31	14.14	51.147	33.58	7.66	7.92	103.1	2.464	91.7
307	9/1/2008 16:46	14.33	51.026	33.5	7.69	7.96	121.5	2.358	92.4
308	9/1/2008 17:01	14.51	51.08	33.54	7.66	7.97	139	2.238	92.4
309	9/1/2008 17:16	14.62	51.09	33.55	7.64	7.74	152	2.116	92.4
310	9/1/2008 17:31	14.95	51.025	33.51	7.56	7.93	159.7	2.004	92
311	9/1/2008 17:46	15.17	51.123	33.59	7.54	7.97	207.8	1.901	92.2
312	9/1/2008 18:01	15.47	51.143	33.61	7.48	7.94	191.9	1.781	92
313	9/1/2008 18:16	15.61	51.171	33.63	7.47	7.94	146.4	1.643	92.1
314	9/1/2008 18:31	15.72	51.175	33.64	7.44	7.97	145.1	1.544	92
315	9/1/2008 18:46	15.74	51.144	33.62	7.46	7.97	116.7	1.453	92.3
316	9/1/2008 19:01	15.76	51.151	33.62	7.47	7.97	73.5	1.36	92.5
317	9/1/2008 19:16	15.79	51.22	33.67	7.44	7.95	48.2	1.292	92.2
318	9/1/2008 19:31	15.93	51.179	33.65	7.43	7.98	37.5	1.242	92.3
319	9/1/2008 19:46	15.99	51.211	33.67	7.07	7.96	30.9	1.228	87.9
320	9/1/2008 20:01	15.99	51.201	33.66	7.38	7.97	26.5	1.229	91.7
321	9/1/2008 20:16	16.23	51.275	33.72	7.37	7.97	30.6	1.267	92.1
322	9/1/2008 20:31	16.25	51.338	33.77	7.38	7.95	29.2	1.326	92.2
323	9/1/2008 20:46	16.35	51.402	33.82	7.37	7.97	36.7	1.395	92.4
324	9/1/2008 21:01	16.27	51.412	33.82	7.37	7.97	36.1	1.472	92.2
325	9/1/2008 21:16	16.2	51.381	33.8	7.36	7.94	34.4	1.562	91.9
326	9/1/2008 21:31	16.39	51.364	33.79	7.38	7.95	33.9	1.675	92.5
327	9/1/2008 21:46	16.03	51.33	33.76	7.41	7.96	36.5	1.763	92.2
328	9/1/2008 22:01	16.11	51.361	33.78	7.4	7.94	31.4	1.849	92.3
329	9/1/2008 22:16	15.9	51.28	33.72	7.46	7.97	26.6	1.942	92.6
330	9/1/2008 22:31	15.88	51.326	33.75	7.43	7.97	27.8	2.039	92.2
331	9/1/2008 22:46	15.92	51.367	33.78	7.37	7.96	29.1	2.123	91.6
332	9/1/2008 23:01	15.72	51.222	33.67	7.43	7.96	55.4	2.209	91.8
333	9/1/2008 23:16	15.44	51.325	33.74	7.48	7.94	56.9	2.296	92.1
334	9/1/2008 23:31	15.25	51.245	33.68	7.51	7.94	52.7	2.38	92
335	9/1/2008 23:46	14.97	51.15	33.6	7.52	7.96	51.8	2.466	91.6
336	9/2/2008 0:01	14.83	51.198	33.64	7.52	7.93	46.9	2.55	91.3
337	9/2/2008 0:16	14.39	51.165	33.6	7.6	7.93	60.4	2.632	91.5
338	9/2/2008 0:31	14.03	51.066	33.51	7.58	8.15	52.4	2.717	90.5
339	9/2/2008 0:46	13.7	51.134	33.55	7.58	7.73	33.6	2.79	90
340	9/2/2008 1:01	13.21	51.07	33.49	7.59	8.15	31.1	2.865	89.2
341	9/2/2008 1:16	12.88	51.01	33.43	7.64	8.15	23.7	2.929	89.1
342	9/2/2008 1:31	12.65	51.233	33.58	7.62	7.73	23.2	2.993	88.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
343	9/2/2008 1:46	12.63	51.136	33.51	7.62	8.16	17.5	3.047	88.5
344	9/2/2008 2:01	12.73	51.06	33.46	7.5	8.15	11.2	3.085	87.2
345	9/2/2008 2:16	13.19	51.047	33.47	6.99	7.71	9.5	3.093	82
346	9/2/2008 2:31	12.99	51.221	33.59	7.27	7.71	9.8	3.101	85
347	9/2/2008 2:46	12.7	51.33	33.66	7.46	8.15	11.2	3.08	86.8
348	9/2/2008 3:01	12.68	51.112	33.5	7.55	8.15	14.3	3.028	87.7
349	9/2/2008 3:16	13.19	51.098	33.51	7.38	7.72	23.1	2.95	86.6
350	9/2/2008 3:31	13.94	51.163	33.58	7.1	7.71	32.4	2.868	84.7
351	9/2/2008 3:46	13.68	51.084	33.52	7.19	7.71	21.1	2.775	85.3
352	9/2/2008 4:01	13.84	51.079	33.52	7.14	7.9	18.2	2.665	85
353	9/2/2008 4:16	14.27	51.117	33.56	6.98	7.7	21.4	2.553	83.8
354	9/2/2008 4:31	14.58	51.21	33.64	6.72	7.88	19.6	2.451	81.3
355	9/2/2008 4:46	14.79	51.22	33.65	6.58	7.89	22	2.358	79.8
356	9/2/2008 5:01	14.85	51.232	33.66	6.55	7.89	24	2.249	79.6
357	9/2/2008 5:16	14.9	51.196	33.64	6.65	7.92	27.9	2.138	80.9
358	9/2/2008 5:31	14.81	51.165	33.61	6.92	7.71	27.6	2.016	84
359	9/2/2008 5:46	14.53	51.19	33.62	6.84	7.7	17.3	1.923	82.6
360	9/2/2008 6:01	14.27	51.152	33.59	6.82	8.11	15.7	1.814	82
361	9/2/2008 6:16	14.31	51.211	33.63	6.89	7.89	16.7	1.694	82.8
362	9/2/2008 6:31	14.48	51.213	33.64	6.83	7.88	18.1	1.59	82.4
363	9/2/2008 6:46	14.53	51.233	33.65	6.76	7.89	22	1.502	81.6
364	9/2/2008 7:01	14.66	51.148	33.59	6.74	7.69	13.1	1.437	81.6
365	9/2/2008 7:16	14.76	51.199	33.63	6.68	7.89	15.1	1.353	81
366	9/2/2008 7:31	14.84	51.186	33.63	6.67	7.89	14.2	1.296	81
367	9/2/2008 7:46	15.02	51.219	33.66	6.57	7.89	9.6	1.302	80.1
368	9/2/2008 8:01	14.96	51.236	33.67	6.23	7.87	10.9	1.28	75.8
369	9/2/2008 8:16	15.03	51.255	33.68	6.62	7.89	9.6	1.282	80.7
370	9/2/2008 8:31	15.17	51.199	33.64	6.79	7.91	10.1	1.34	83
371	9/2/2008 8:46	15.23	51.252	33.69	6.86	7.94	11.2	1.399	84.1
372	9/2/2008 9:01	15.27	51.41	33.8	6.87	7.91	13.2	1.461	84.3
373	9/2/2008 9:16	15.29	51.424	33.81	6.85	7.91	16.8	1.549	84.1
374	9/2/2008 9:31	15.28	51.387	33.79	6.87	7.91	17.5	1.64	84.3
375	9/2/2008 9:46	15.13	51.381	33.78	6.92	7.91	17.7	1.733	84.6
376	9/2/2008 10:01	15.08	51.332	33.74	6.94	7.91	19	1.837	84.8
377	9/2/2008 10:16	15.03	51.327	33.74	6.95	7.91	16.8	1.926	84.8
378	9/2/2008 10:31	15.06	51.333	33.74	6.96	7.91	16.3	2.017	84.9
379	9/2/2008 10:46	15.07	51.366	33.77	6.93	7.91	19.3	2.118	84.6
380	9/2/2008 11:01	14.97	51.342	33.75	6.98	7.91	20.9	2.211	85.1
381	9/2/2008 11:16	14.88	51.278	33.7	7.07	7.91	23.2	2.304	86
382	9/2/2008 11:31	14.73	51.247	33.67	7.13	7.91	29.7	2.4	86.5
383	9/2/2008 11:46	14.51	51.231	33.65	7.18	7.72	29.9	2.496	86.7
384	9/2/2008 12:01	14.4	51.183	33.61	7.2	7.91	36.1	2.584	86.7
385	9/2/2008 12:16	14.09	51.042	33.5	7.27	7.71	42.9	2.672	86.9
386	9/2/2008 12:31	13.64	50.932	33.4	7.38	7.71	42.6	2.768	87.4
387	9/2/2008 12:46	13.23	50.939	33.39	7.43	7.7	37	2.86	87.2
388	9/2/2008 13:01	12.71	50.868	33.32	7.45	7.7	32.1	2.94	86.5
389	9/2/2008 13:16	12.43	50.863	33.3	7.45	7.7	30.8	3.028	86
390	9/2/2008 13:31	12.27	50.866	33.3	7.44	7.7	28.8	3.117	85.6
391	9/2/2008 13:46	12.15	50.849	33.28	7.42	7.7	21.4	3.185	85.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
392	9/2/2008 14:01	11.89	50.874	33.29	7.37	7.7	20.1	3.24	84.1
393	9/2/2008 14:16	11.81	50.912	33.31	7.24	7.69	12.5	3.29	82.6
394	9/2/2008 14:31	11.69	50.956	33.34	7.1	7.69	8	3.316	80.7
395	9/2/2008 14:46	12.31	50.901	33.33	7.2	7.7	9.9	3.321	82.9
396	9/2/2008 15:01	11.99	51.002	33.39	7.12	7.68	11.6	3.289	81.5
397	9/2/2008 15:16	11.96	50.896	33.31	7.16	7.69	14.2	3.228	81.8
398	9/2/2008 15:31	12.42	50.943	33.36	7.33	7.7	19.2	3.164	84.6
399	9/2/2008 15:46	13.25	50.783	33.28	7.39	7.7	24.7	3.086	86.7
400	9/2/2008 16:01	13.38	50.751	33.26	7.47	7.7	22.6	2.966	87.9
401	9/2/2008 16:16	13.84	50.867	33.36	7.52	7.91	27.5	2.865	89.4
402	9/2/2008 16:31	14.2	50.877	33.38	7.55	7.73	25.6	2.756	90.5
403	9/2/2008 16:46	14.57	50.884	33.4	7.56	7.73	29.8	2.656	91.3
404	9/2/2008 17:01	15.26	50.854	33.39	7.66	7.95	46.1	2.54	93.7
405	9/2/2008 17:16	15.35	50.951	33.47	7.73	7.98	44.8	2.424	94.8
406	9/2/2008 17:31	14.18	50.834	33.35	7.68	8.13	36.6	2.319	91.9
407	9/2/2008 17:46	14.06	50.768	33.3	7.64	8.13	40.3	2.198	91.2
408	9/2/2008 18:01	14.34	50.868	33.38	7.68	7.73	49.7	2.079	92.3
409	9/2/2008 18:16	14.56	50.885	33.4	7.65	7.93	45.5	1.974	92.3
410	9/2/2008 18:31	14.6	50.867	33.39	7.7	7.95	43.8	1.851	92.9
411	9/2/2008 18:46	14.76	50.897	33.41	7.63	7.73	43.9	1.736	92.5
412	9/2/2008 19:01	14.85	50.894	33.41	7.68	8.15	48.9	1.618	93.2
413	9/2/2008 19:16	14.85	50.891	33.41	7.74	7.74	36.7	1.516	93.9
414	9/2/2008 19:31	15.09	50.663	33.25	7.72	7.94	31.1	1.412	94
415	9/2/2008 19:46	15.37	50.699	33.28	7.67	7.97	28.9	1.327	93.9
416	9/2/2008 20:01	15.62	50.661	33.26	7.65	7.95	23.7	1.288	94.1
417	9/2/2008 20:16	15.92	50.869	33.42	7.63	7.99	20.6	1.237	94.6
418	9/2/2008 20:31	16.13	50.959	33.49	7.6	7.97	18.7	1.204	94.7
419	9/2/2008 20:46	16.33	50.711	33.31	7.29	7.96	11.8	1.228	91
420	9/2/2008 21:01	16.48	51.096	33.59	7.82	8.01	17.3	1.255	98
421	9/2/2008 21:16	16.47	50.988	33.52	7.91	7.99	17.5	1.305	99.1
422	9/2/2008 21:31	16.53	51.046	33.56	7.97	8.03	19.8	1.367	100
423	9/2/2008 21:46	16.48	51.007	33.53	7.97	8.02	20.8	1.452	99.9
424	9/2/2008 22:01	16.68	51.089	33.59	7.85	7.99	23.5	1.538	98.8
425	9/2/2008 22:16	16.8	51.039	33.56	7.81	7.99	23.6	1.616	98.6
426	9/2/2008 22:31	16.65	51.026	33.55	7.81	8.01	29.4	1.711	98.3
427	9/2/2008 22:46	16.34	51.063	33.57	7.79	7.97	27.5	1.786	97.5
428	9/2/2008 23:01	16.24	50.878	33.43	7.77	7.99	32.5	1.878	97
429	9/2/2008 23:16	16.01	51.141	33.62	7.76	7.98	40.3	1.973	96.5
430	9/2/2008 23:31	15.96	51.147	33.62	7.68	7.95	39.2	2.041	95.4
431	9/2/2008 23:46	15.75	51.109	33.59	7.67	7.95	29.2	2.137	94.8
432	9/3/2008 0:01	15.67	50.98	33.5	7.59	7.97	25.7	2.226	93.7
433	9/3/2008 0:16	15.32	51.104	33.58	7.61	7.96	34.2	2.302	93.3
434	9/3/2008 0:31	15.15	51.116	33.58	7.59	7.94	30.8	2.379	92.8
435	9/3/2008 0:46	14.93	51.051	33.53	7.57	8.15	30.6	2.452	92.1
436	9/3/2008 1:01	14.73	50.942	33.45	7.59	8.15	27.6	2.537	91.9
437	9/3/2008 1:16	14.47	50.7	33.26	7.6	7.92	29	2.602	91.4
438	9/3/2008 1:31	14.22	50.878	33.38	7.56	7.92	31.7	2.671	90.6
439	9/3/2008 1:46	13.88	50.917	33.4	7.54	8.14	23.9	2.745	89.7
440	9/3/2008 2:01	13.63	50.874	33.36	7.51	7.72	23.9	2.801	88.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
441	9/3/2008 2:16	13.32	50.939	33.4	7.48	7.9	20.9	2.854	88
442	9/3/2008 2:31	13.16	50.856	33.33	7.41	7.71	12.4	2.906	86.8
443	9/3/2008 2:46	12.98	50.654	33.18	7.37	8.13	8.9	2.937	86
444	9/3/2008 3:01	13.69	50.672	33.22	6.76	7.9	9.1	2.957	80.1
445	9/3/2008 3:16	13.02	51.047	33.46	7.28	7.71	7.9	2.953	85.2
446	9/3/2008 3:31	12.81	50.966	33.4	7.32	8.13	7.6	2.938	85.3
447	9/3/2008 3:46	13.1	50.844	33.32	7.11	7.7	9.5	2.897	83.3
448	9/3/2008 4:01	13.66	50.903	33.38	7.08	8.12	13.8	2.83	83.9
449	9/3/2008 4:16	14.18	50.826	33.34	6.97	8.12	18.4	2.774	83.5
450	9/3/2008 4:31	14.08	50.943	33.43	7.09	8.12	16.2	2.679	84.7
451	9/3/2008 4:46	14.09	50.857	33.36	7.13	8.12	14.8	2.582	85.2
452	9/3/2008 5:01	14.26	50.881	33.39	7.03	8.12	13.2	2.481	84.2
453	9/3/2008 5:16	14.28	51.103	33.55	7.01	7.71	13.8	2.393	84.2
454	9/3/2008 5:31	14.83	50.958	33.46	6.91	7.9	15	2.309	83.9
455	9/3/2008 5:46	14.62	51.006	33.49	6.87	7.7	11.5	2.2	83.1
456	9/3/2008 6:01	14.62	51.091	33.55	6.91	7.89	12.1	2.118	83.5
457	9/3/2008 6:16	14.6	51.055	33.52	6.94	7.7	12	2.038	83.8
458	9/3/2008 6:31	14.38	50.901	33.41	6.9	7.69	11.4	1.942	82.9
459	9/3/2008 6:46	14.32	50.924	33.42	6.91	7.88	12.4	1.859	83
460	9/3/2008 7:01	14.42	50.933	33.43	6.91	7.7	11	1.775	83.2
461	9/3/2008 7:16	14.43	51.001	33.48	6.89	7.7	10.6	1.688	82.9
462	9/3/2008 7:31	14.67	50.854	33.38	6.9	7.71	9.1	1.629	83.5
463	9/3/2008 7:46	14.69	50.893	33.41	6.89	7.71	11.5	1.565	83.4
464	9/3/2008 8:01	14.91	50.742	33.3	6.93	7.91	8.1	1.515	84.1
465	9/3/2008 8:16	15.05	50.842	33.38	6.76	7.9	6.8	1.504	82.3
466	9/3/2008 8:31	15.24	51.006	33.51	6.62	7.9	6.5	1.501	81.1
467	9/3/2008 8:46	15.2	51.15	33.61	6.87	7.92	6.3	1.5	84.1
468	9/3/2008 9:01	15.32	51.054	33.54	6.95	7.92	8.6	1.53	85.2
469	9/3/2008 9:16	15.35	51.113	33.59	7.08	7.93	8.6	1.586	86.9
470	9/3/2008 9:31	15.35	51.157	33.62	7.13	7.93	9.8	1.649	87.5
471	9/3/2008 9:46	15.34	51.18	33.63	7.15	7.93	10	1.714	87.7
472	9/3/2008 10:01	15.31	51.159	33.62	7.16	7.92	10.8	1.795	87.8
473	9/3/2008 10:16	15.25	51.156	33.62	7.19	7.92	11.8	1.887	88
474	9/3/2008 10:31	15.13	51.161	33.62	7.19	7.92	12.8	1.967	87.9
475	9/3/2008 10:46	15.12	51.124	33.59	7.18	7.92	10.7	2.04	87.6
476	9/3/2008 11:01	15.12	51.111	33.58	7.2	7.92	10.6	2.127	87.9
477	9/3/2008 11:16	15.05	51.113	33.58	7.18	7.91	12.3	2.216	87.6
478	9/3/2008 11:31	14.81	51.024	33.51	7.22	7.72	15	2.298	87.6
479	9/3/2008 11:46	14.82	51.04	33.52	7.26	7.73	14	2.378	88
480	9/3/2008 12:01	14.74	51.038	33.52	7.33	7.73	14.7	2.456	88.8
481	9/3/2008 12:16	14.57	50.991	33.48	7.35	7.73	18.6	2.542	88.8
482	9/3/2008 12:31	14.29	50.91	33.41	7.36	8.13	22.6	2.63	88.4
483	9/3/2008 12:46	14.15	50.972	33.45	7.39	7.73	20.2	2.703	88.4
484	9/3/2008 13:01	13.69	50.965	33.43	7.41	7.71	26.9	2.799	87.9
485	9/3/2008 13:16	13.23	50.949	33.4	7.4	7.71	25.6	2.875	86.9
486	9/3/2008 13:31	12.77	50.974	33.4	7.35	7.88	23.3	2.96	85.5
487	9/3/2008 13:46	12.47	50.925	33.35	7.29	7.69	20.6	3.034	84.2
488	9/3/2008 14:01	12.19	50.943	33.35	7.22	7.69	21.1	3.106	83
489	9/3/2008 14:16	11.88	50.981	33.36	7.17	7.69	15.4	3.174	81.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
490	9/3/2008 14:31	11.76	50.988	33.36	7.12	7.69	12	3.228	81.1
491	9/3/2008 14:46	11.73	50.993	33.37	7.07	7.69	8.8	3.263	80.5
492	9/3/2008 15:01	11.81	50.891	33.3	6.93	7.69	4.8	3.272	78.9
493	9/3/2008 15:16	11.89	51.046	33.41	7.02	7.69	7.1	3.281	80.1
494	9/3/2008 15:31	11.77	51.061	33.42	6.97	7.85	7.8	3.247	79.4
495	9/3/2008 15:46	11.81	51	33.37	7.04	7.69	10.9	3.193	80.2
496	9/3/2008 16:01	12.91	50.756	33.25	7.25	7.71	12.4	3.126	84.5
497	9/3/2008 16:16	13.42	50.868	33.35	7.37	7.71	19.4	3.046	86.9
498	9/3/2008 16:31	13.52	50.899	33.38	7.41	7.71	15.4	2.951	87.5
499	9/3/2008 16:46	13.96	50.901	33.39	7.57	7.73	12.8	2.849	90.2
500	9/3/2008 17:01	14.34	50.938	33.43	7.72	7.75	19.4	2.739	92.7
501	9/3/2008 17:16	14.84	50.976	33.47	7.85	7.96	17.3	2.637	95.3
502	9/3/2008 17:31	15.36	50.938	33.46	8.01	7.98	19.7	2.553	98.2
503	9/3/2008 17:46	15.62	50.941	33.47	8.06	7.98	19.5	2.446	99.4
504	9/3/2008 18:01	15.68	51.002	33.51	8.18	7.98	15.3	2.336	101
505	9/3/2008 18:16	15.63	50.956	33.48	8.28	7.99	11.7	2.238	102.1
506	9/3/2008 18:31	15.46	50.956	33.47	8.38	8	11.4	2.13	102.9
507	9/3/2008 18:46	15	50.958	33.46	8.24	7.79	11	2.018	100.4
508	9/3/2008 19:01	14.61	50.881	33.4	8.07	7.77	8.8	1.905	97.5
509	9/3/2008 19:16	14.87	50.906	33.42	8.12	7.97	10.7	1.792	98.6
510	9/3/2008 19:31	15.1	50.969	33.47	8.14	7.98	9.9	1.696	99.3
511	9/3/2008 19:46	15.01	51.054	33.53	8.11	7.97	16.1	1.573	98.9
512	9/3/2008 20:01	15.32	51.02	33.52	8.19	7.98	9	1.481	100.4
513	9/3/2008 20:16	15.6	51.011	33.52	8.27	8	8.5	1.405	101.9
514	9/3/2008 20:31	15.82	51.023	33.53	8.37	8.01	8	1.327	103.6
515	9/3/2008 20:46	15.95	51.047	33.55	8.39	8.01	7.3	1.283	104.2
516	9/3/2008 21:01	16.38	50.933	33.47	8.74	8.06	6.2	1.25	109.3
517	9/3/2008 21:16	16.46	51.002	33.53	8.62	8.07	4.9	1.231	108
518	9/3/2008 21:31	16.51	51.064	33.57	8.24	8.05	3.2	1.228	103.4
519	9/3/2008 21:46	16.62	51.105	33.6	8.9	8.08	5.1	1.268	112
520	9/3/2008 22:01	16.42	51.112	33.61	8.87	8.06	5.6	1.32	111.2
521	9/3/2008 22:16	16.58	51.074	33.58	9.01	8.1	6.3	1.365	113.2
522	9/3/2008 22:31	16.46	51.11	33.6	8.93	8.06	7.6	1.446	111.9
523	9/3/2008 22:46	16.53	51.095	33.59	8.79	8.05	9.3	1.522	110.4
524	9/3/2008 23:01	16.92	51.048	33.57	8.32	8.04	12.8	1.599	105.2
525	9/3/2008 23:16	16.79	51.07	33.58	8.3	8.01	12.4	1.669	104.8
526	9/3/2008 23:31	16.54	51.071	33.58	8.34	8.01	10.1	1.747	104.7
527	9/3/2008 23:46	16.42	51.049	33.56	8.33	8.01	9.1	1.827	104.4
528	9/4/2008 0:01	16.39	51.06	33.57	8.27	8	9.2	1.903	103.5
529	9/4/2008 0:16	16.12	50.98	33.5	8.26	8.02	9.1	1.975	102.9
530	9/4/2008 0:31	16.07	51.005	33.52	8.14	7.99	10.3	2.055	101.2
531	9/4/2008 0:46	15.83	51.004	33.52	7.99	7.97	10.4	2.126	98.9
532	9/4/2008 1:01	15.7	51.021	33.53	7.9	7.96	10.3	2.202	97.6
533	9/4/2008 1:16	15.45	50.985	33.49	7.82	7.95	10.9	2.272	96.1
534	9/4/2008 1:31	15.29	50.949	33.46	7.8	7.95	10.6	2.344	95.6
535	9/4/2008 1:46	15.08	50.987	33.49	7.78	7.95	10.6	2.409	94.9
536	9/4/2008 2:01	14.95	50.972	33.47	7.73	7.94	10.4	2.476	94
537	9/4/2008 2:16	14.85	50.945	33.45	7.7	7.76	10.5	2.527	93.4
538	9/4/2008 2:31	14.62	50.94	33.44	7.67	7.75	10.6	2.586	92.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
539	9/4/2008 2:46	14.29	50.939	33.43	7.67	7.74	9.6	2.649	92
540	9/4/2008 3:01	14.09	50.898	33.39	7.62	7.74	8.9	2.685	91
541	9/4/2008 3:16	13.99	50.902	33.39	7.53	7.74	7.3	2.738	89.8
542	9/4/2008 3:31	13.85	50.946	33.42	7.45	7.73	6.6	2.768	88.6
543	9/4/2008 3:46	13.48	50.966	33.42	7.27	7.71	5.1	2.784	85.8
544	9/4/2008 4:01	13.91	50.858	33.36	7.38	7.73	6	2.771	87.8
545	9/4/2008 4:16	13.63	51.067	33.5	7.25	7.71	6.9	2.771	85.9
546	9/4/2008 4:31	13.69	50.932	33.41	7.3	7.91	6.6	2.738	86.5
547	9/4/2008 4:46	14.38	50.809	33.34	7.12	7.93	8.7	2.704	85.6
548	9/4/2008 5:01	14.54	50.993	33.48	7.04	7.72	9.3	2.649	85
549	9/4/2008 5:16	14.75	50.965	33.46	6.92	7.9	8.6	2.572	83.8
550	9/4/2008 5:31	14.7	50.998	33.49	7.1	7.72	9.4	2.506	85.9
551	9/4/2008 5:46	14.71	50.953	33.45	7.17	7.72	8.2	2.431	86.8
552	9/4/2008 6:01	14.84	51	33.49	7.18	7.91	7.7	2.359	87.2
553	9/4/2008 6:16	14.85	51.016	33.5	7.17	7.91	7.7	2.292	87.1
554	9/4/2008 6:31	15.04	50.796	33.35	7.15	7.73	6.8	2.211	87.1
555	9/4/2008 6:46	14.99	51.005	33.5	7.11	7.91	7	2.145	86.6
556	9/4/2008 7:01	14.96	51.029	33.51	7.1	7.91	7	2.08	86.4
557	9/4/2008 7:16	14.91	51.048	33.53	7.07	7.91	6.2	2.013	85.9
558	9/4/2008 7:31	14.96	50.96	33.46	7.15	7.92	5.4	1.953	87
559	9/4/2008 7:46	14.82	51.054	33.53	7.13	7.91	5.2	1.883	86.6
560	9/4/2008 8:01	14.89	51.069	33.54	7.12	7.91	5.1	1.836	86.5
561	9/4/2008 8:16	14.99	51.02	33.51	7.18	7.92	4.5	1.795	87.4
562	9/4/2008 8:31	15.11	50.974	33.48	7.27	7.93	3.8	1.75	88.7
563	9/4/2008 8:46	15.31	50.986	33.49	7.39	7.94	4	1.74	90.6
564	9/4/2008 9:01	15.45	51.02	33.52	7.29	7.95	3.2	1.725	89.6
565	9/4/2008 9:16	15.54	51.066	33.56	7.3	7.95	2.9	1.719	89.9
566	9/4/2008 9:31	15.66	51.089	33.57	7.48	7.97	3.6	1.748	92.3
567	9/4/2008 9:46	15.61	51.111	33.59	7.53	7.96	4.1	1.783	92.9
568	9/4/2008 10:01	15.6	51.059	33.55	7.58	7.99	5.5	1.828	93.5
569	9/4/2008 10:16	15.6	51.122	33.6	7.59	7.96	5.7	1.889	93.5
570	9/4/2008 10:31	15.54	51.109	33.59	7.55	7.95	6	1.949	93
571	9/4/2008 10:46	15.5	51.115	33.59	7.52	7.95	6.3	2.009	92.6
572	9/4/2008 11:01	15.45	51.083	33.57	7.49	7.94	6.3	2.08	92.1
573	9/4/2008 11:16	15.45	51.051	33.54	7.52	7.95	7.7	2.155	92.5
574	9/4/2008 11:31	15.21	51.058	33.54	7.38	7.93	8.5	2.22	90.3
575	9/4/2008 11:46	15.06	51.054	33.54	7.36	7.92	10.6	2.295	89.7
576	9/4/2008 12:01	14.87	50.998	33.49	7.45	7.74	9.5	2.375	90.5
577	9/4/2008 12:16	14.78	51.013	33.5	7.5	7.75	9.2	2.44	90.9
578	9/4/2008 12:31	14.79	51.035	33.51	7.52	7.75	9.5	2.518	91.3
579	9/4/2008 12:46	14.57	50.993	33.48	7.58	7.75	9.7	2.59	91.5
580	9/4/2008 13:01	14.32	50.995	33.47	7.56	7.74	11.4	2.668	90.8
581	9/4/2008 13:16	13.9	50.983	33.45	7.52	7.73	13	2.745	89.6
582	9/4/2008 13:31	13.75	51	33.46	7.51	7.73	12.8	2.824	89.2
583	9/4/2008 13:46	13.33	51.001	33.44	7.48	7.72	14.8	2.909	88.1
584	9/4/2008 14:01	12.9	51.02	33.44	7.51	7.71	14.6	2.977	87.6
585	9/4/2008 14:16	12.59	51.028	33.43	7.47	7.71	15.6	3.047	86.6
586	9/4/2008 14:31	12.28	51.031	33.42	7.45	7.86	11.4	3.107	85.7
587	9/4/2008 14:46	12.07	51.011	33.4	7.44	7.7	8.6	3.156	85.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
588	9/4/2008 15:01	11.84	51.072	33.43	7.41	7.84	6.7	3.196	84.6
589	9/4/2008 15:16	11.78	51.045	33.41	7.31	7.69	5.3	3.222	83.2
590	9/4/2008 15:31	12.01	50.962	33.36	7.28	7.69	5.4	3.227	83.4
591	9/4/2008 15:46	11.83	51.023	33.39	7.31	7.83	27.9	3.234	83.4
592	9/4/2008 16:01	11.82	51.071	33.43	7.22	7.87	5.4	3.205	82.3
593	9/4/2008 16:16	11.93	51.03	33.4	7.25	7.69	6.3	3.172	82.9
594	9/4/2008 16:31	13.14	50.896	33.36	7.42	7.72	10.5	3.109	86.9
595	9/4/2008 16:46	13.47	51.012	33.46	7.6	7.72	8.5	3.041	89.7
596	9/4/2008 17:01	13.56	50.981	33.44	7.65	7.91	10.5	2.961	90.5
597	9/4/2008 17:16	13.71	50.954	33.42	7.7	7.73	7.7	2.877	91.3
598	9/4/2008 17:31	13.97	51.031	33.49	7.82	7.94	8.2	2.786	93.3
599	9/4/2008 17:46	14.26	51.011	33.48	7.98	7.76	9	2.686	95.7
600	9/4/2008 18:01	14.4	51.062	33.52	8.05	7.78	8.2	2.596	96.9
601	9/4/2008 18:16	14.8	50.879	33.4	8.2	7.8	8.9	2.505	99.4
602	9/4/2008 18:31	14.75	51.035	33.51	8.31	7.8	8.7	2.407	100.8
603	9/4/2008 18:46	14.81	50.895	33.41	8.28	7.8	8.3	2.318	100.4
604	9/4/2008 19:01	15	51.022	33.51	8.52	7.82	8	2.214	103.8
605	9/4/2008 19:16	14.83	51.051	33.53	8.49	7.82	8.6	2.11	103.1
606	9/4/2008 19:31	15.09	50.974	33.48	8.37	8	9.5	2.012	102.1
607	9/4/2008 19:46	15.25	51.073	33.55	8.47	8	9.6	1.912	103.6
608	9/4/2008 20:01	15.42	51.02	33.52	8.44	8.01	8.9	1.81	103.6
609	9/4/2008 20:16	15.4	51.002	33.51	8.39	7.82	7.5	1.712	103
610	9/4/2008 20:31	15.68	51.051	33.55	8.47	8.02	7.7	1.622	104.6
611	9/4/2008 20:46	15.84	51.021	33.53	8.61	8.03	6.9	1.523	106.6
612	9/4/2008 21:01	16.06	51.118	33.6	8.67	8.04	6.6	1.456	107.9
613	9/4/2008 21:16	16.25	51.048	33.56	8.76	8.05	6	1.401	109.4
614	9/4/2008 21:31	16.31	51.056	33.56	8.72	8.08	5.4	1.348	109
615	9/4/2008 21:46	16.73	51.107	33.61	8.97	8.12	5	1.331	113
616	9/4/2008 22:01	16.84	51.16	33.65	8.95	8.08	4.3	1.301	113.1
617	9/4/2008 22:16	16.9	51.184	33.67	9.17	8.11	4.5	1.313	116
618	9/4/2008 22:31	16.87	51.193	33.67	9.15	8.1	3.9	1.316	115.7
619	9/4/2008 22:46	16.76	51.14	33.63	9.22	8.09	4.4	1.361	116.4
620	9/4/2008 23:01	16.8	51.148	33.64	9.23	8.12	5.2	1.413	116.5
621	9/4/2008 23:16	16.75	51.165	33.65	9.23	8.1	6	1.474	116.5
622	9/4/2008 23:31	16.67	51.166	33.65	9.13	8.09	6.5	1.543	115.1
623	9/4/2008 23:46	17	51.113	33.61	8.54	8.04	8.4	1.6	108.2
624	9/5/2008 0:01	17.08	51.122	33.62	8.32	8.03	10.3	1.683	105.6
625	9/5/2008 0:16	16.83	51.111	33.61	8.51	8.03	8.8	1.744	107.5
626	9/5/2008 0:31	16.65	51.102	33.6	8.55	8.03	7.8	1.825	107.7
627	9/5/2008 0:46	16.57	51.066	33.57	8.52	8.05	7.2	1.886	107.1
628	9/5/2008 1:01	16.48	51.09	33.59	8.47	8.02	7.6	1.94	106.2
629	9/5/2008 1:16	16.26	51.07	33.57	8.41	8.01	7.6	2.012	105
630	9/5/2008 1:31	16.1	51.05	33.56	8.33	8.02	7.5	2.083	103.7
631	9/5/2008 1:46	15.96	51.076	33.57	8.21	7.99	7.1	2.145	102
632	9/5/2008 2:01	15.84	51.06	33.56	8.14	7.98	7.6	2.205	100.8
633	9/5/2008 2:16	15.69	51.051	33.55	8.09	7.97	7.8	2.269	99.9
634	9/5/2008 2:31	15.49	51.023	33.52	8.07	7.97	7.1	2.325	99.3
635	9/5/2008 2:46	15.32	51.037	33.53	8.03	7.97	7	2.383	98.5
636	9/5/2008 3:01	15.16	51.033	33.52	7.96	7.72	7.3	2.445	97.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
637	9/5/2008 3:16	15.05	51.016	33.51	7.92	7.78	7.3	2.492	96.6
638	9/5/2008 3:31	14.89	51.03	33.51	7.87	7.77	6.7	2.54	95.7
639	9/5/2008 3:46	14.88	50.983	33.48	7.81	7.77	6.8	2.582	94.9
640	9/5/2008 4:01	14.65	50.98	33.47	7.76	7.76	5.9	2.617	93.8
641	9/5/2008 4:16	14.41	51.045	33.51	7.75	7.76	5.7	2.645	93.3
642	9/5/2008 4:31	14.4	50.99	33.47	7.73	7.76	4.5	2.666	93
643	9/5/2008 4:46	14.63	50.669	33.24	7.54	7.74	4.2	2.686	91
644	9/5/2008 5:01	14.45	51.051	33.52	7.36	7.74	4.2	2.682	88.6
645	9/5/2008 5:16	14.17	51.023	33.49	7.65	7.75	4.9	2.658	91.6
646	9/5/2008 5:31	14.32	50.942	33.43	7.63	7.75	4.6	2.637	91.7
647	9/5/2008 5:46	14.7	50.96	33.46	7.51	7.75	6.5	2.595	90.9
648	9/5/2008 6:01	15.06	51.042	33.53	7.11	7.74	8.2	2.531	86.6
649	9/5/2008 6:16	15.06	51.142	33.6	6.94	7.72	8	2.487	84.7
650	9/5/2008 6:31	15.04	51.105	33.57	6.96	7.72	8.1	2.422	84.8
651	9/5/2008 6:46	15.07	51.116	33.58	7.26	7.74	7.5	2.362	88.6
652	9/5/2008 7:01	15.09	51.116	33.58	7.26	7.74	6.6	2.318	88.6
653	9/5/2008 7:16	15.27	51.072	33.55	7.28	7.95	6.7	2.25	89.1
654	9/5/2008 7:31	15.28	51.113	33.58	7.23	7.93	5.6	2.203	88.6
655	9/5/2008 7:46	15.31	51.053	33.54	7.25	7.93	5.2	2.153	88.9
656	9/5/2008 8:01	15.33	51.064	33.55	7.25	7.93	4.9	2.115	89
657	9/5/2008 8:16	15.49	51.037	33.53	7.32	7.94	5	2.068	90
658	9/5/2008 8:31	15.49	51.117	33.59	7.39	7.94	4.2	2.014	90.9
659	9/5/2008 8:46	15.54	51.104	33.58	7.4	7.94	4.6	1.993	91.1
660	9/5/2008 9:01	15.71	51.083	33.57	7.52	7.96	3.2	1.978	93
661	9/5/2008 9:16	15.84	51.037	33.54	7.61	7.97	3.7	1.958	94.3
662	9/5/2008 9:31	15.95	51.072	33.57	7.66	7.98	6.5	1.948	95.1
663	9/5/2008 9:46	15.98	51.147	33.62	7.48	7.97	6.6	1.945	92.9
664	9/5/2008 10:01	15.98	51.133	33.61	7.79	7.98	3.7	1.976	96.8
665	9/5/2008 10:16	15.9	51.087	33.58	7.75	7.97	4.3	1.994	96.1
666	9/5/2008 10:31	15.9	51.092	33.58	7.74	7.97	5.2	2.029	96
667	9/5/2008 10:46	15.93	51.08	33.57	7.73	7.97	6.4	2.068	96
668	9/5/2008 11:01	15.83	51.119	33.6	7.72	7.97	6.7	2.12	95.7
669	9/5/2008 11:16	15.76	51.096	33.58	7.7	7.96	7	2.176	95.3
670	9/5/2008 11:31	15.6	51.092	33.58	7.72	7.96	6.4	2.224	95.2
671	9/5/2008 11:46	15.54	51.058	33.55	7.7	7.78	7.8	2.287	94.8
672	9/5/2008 12:01	15.37	51.099	33.58	7.67	7.77	7.3	2.348	94.1
673	9/5/2008 12:16	15.16	51.074	33.55	7.61	7.95	7.6	2.412	93
674	9/5/2008 12:31	14.89	51.04	33.52	7.67	7.76	8.5	2.473	93.2
675	9/5/2008 12:46	14.63	51.03	33.51	7.76	7.76	6.8	2.536	93.8
676	9/5/2008 13:01	14.39	51.035	33.5	7.76	7.94	6.9	2.605	93.4
677	9/5/2008 13:16	14.4	51.025	33.5	7.79	7.76	7.3	2.672	93.7
678	9/5/2008 13:31	14	50.968	33.44	7.82	7.75	6.8	2.739	93.3
679	9/5/2008 13:46	13.55	51.064	33.5	7.81	7.92	8.2	2.806	92.3
680	9/5/2008 14:01	13.26	51.008	33.45	7.82	7.74	7.1	2.874	91.9
681	9/5/2008 14:16	13.17	51.03	33.46	7.81	7.74	7.5	2.952	91.6
682	9/5/2008 14:31	13.07	51.04	33.46	7.85	7.91	8.3	3.007	91.9
683	9/5/2008 14:46	12.77	51.027	33.44	7.87	7.73	7.4	3.063	91.6
684	9/5/2008 15:01	12.57	51.043	33.44	7.85	7.89	5.9	3.112	91
685	9/5/2008 15:16	12.51	51.022	33.42	7.84	7.89	5.7	3.164	90.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
686	9/5/2008 15:31	12.34	51.025	33.42	7.82	7.72	5.2	3.194	90.1
687	9/5/2008 15:46	12.51	50.833	33.29	7.7	7.72	3.2	3.208	89
688	9/5/2008 16:01	12.68	51.069	33.47	7.8	7.89	5	3.225	90.6
689	9/5/2008 16:16	12.47	51.069	33.46	7.68	7.71	4.6	3.22	88.9
690	9/5/2008 16:31	12.44	51.057	33.45	7.8	7.72	5.4	3.184	90.1
691	9/5/2008 16:46	12.51	51.038	33.44	7.79	7.72	4.9	3.152	90.1
692	9/5/2008 17:01	13.37	51.053	33.48	7.76	7.74	5.4	3.113	91.4
693	9/5/2008 17:16	13.81	50.994	33.46	7.9	7.75	5.6	3.048	93.9
694	9/5/2008 17:31	13.92	50.968	33.44	7.96	7.75	5.8	2.978	94.8
695	9/5/2008 17:46	14.39	50.892	33.4	8.05	7.77	6.7	2.904	96.8
696	9/5/2008 18:01	14.85	50.96	33.46	8.18	7.79	6.7	2.83	99.2
697	9/5/2008 18:16	15.26	50.969	33.48	8.48	8	6.6	2.741	103.7
698	9/5/2008 18:31	15.54	50.992	33.5	8.62	8.02	6	2.668	106.2
699	9/5/2008 18:46	15.54	50.831	33.38	8.65	8.04	6.3	2.589	106.4
700	9/5/2008 19:01	15.68	51.034	33.54	8.72	8.02	5.7	2.503	107.7
701	9/5/2008 19:16	15.76	50.988	33.5	8.8	8.03	5.6	2.411	108.8
702	9/5/2008 19:31	15.78	51.019	33.53	8.8	8.03	6.1	2.346	108.8
703	9/5/2008 19:46	15.61	51.011	33.52	8.69	8.02	5.7	2.254	107.2
704	9/5/2008 20:01	15.6	51.076	33.56	8.7	8.02	6	2.16	107.3
705	9/5/2008 20:16	15.75	51.134	33.61	8.88	8.04	7.3	2.069	109.8
706	9/5/2008 20:31	15.81	51.174	33.64	8.88	8.04	6.8	1.989	110
707	9/5/2008 20:46	15.96	51.167	33.64	8.89	8.04	6.3	1.891	110.4
708	9/5/2008 21:01	16.11	51.126	33.61	8.86	8.05	7.3	1.805	110.4
709	9/5/2008 21:16	16.24	51.11	33.6	8.87	8.05	6	1.724	110.7
710	9/5/2008 21:31	16.37	51.096	33.59	8.85	8.05	5.7	1.642	110.7
711	9/5/2008 21:46	16.62	51.163	33.65	9.08	8.07	5.2	1.562	114.3
712	9/5/2008 22:01	16.72	51.165	33.65	9.07	8.08	4.6	1.503	114.3
713	9/5/2008 22:16	16.82	51.153	33.64	9.11	8.08	4.2	1.457	115.1
714	9/5/2008 22:31	17.14	51.206	33.68	9.43	8.11	4.2	1.415	119.9
715	9/5/2008 22:46	17.24	51.143	33.64	9.39	8.12	3.5	1.39	119.6
716	9/5/2008 23:01	17.33	51.182	33.67	9.1	8.11	2.6	1.377	116.1
717	9/5/2008 23:16	17.31	51.222	33.7	9.31	8.12	3.2	1.391	118.8
718	9/5/2008 23:31	17.3	51.179	33.67	9.65	8.13	3.2	1.417	123.1
719	9/5/2008 23:46	17.25	51.208	33.69	9.6	8.13	3.3	1.444	122.3
720	9/6/2008 0:01	17.21	51.227	33.7	9.58	8.12	4.2	1.493	122
721	9/6/2008 0:16	17.16	51.229	33.7	9.55	8.12	4.2	1.545	121.5
722	9/6/2008 0:31	17.11	51.198	33.68	9.51	8.11	4.6	1.605	120.8
723	9/6/2008 0:46	17.4	51.168	33.66	8.85	8.07	6.7	1.661	113.1
724	9/6/2008 1:01	17.46	51.081	33.6	8.71	8.08	7.1	1.719	111.3
725	9/6/2008 1:16	17.27	51.154	33.65	8.86	8.06	6.5	1.784	112.9
726	9/6/2008 1:31	17.1	51.027	33.55	8.94	8.09	5.7	1.826	113.5
727	9/6/2008 1:46	17	51.144	33.64	8.94	8.06	5.7	1.888	113.3
728	9/6/2008 2:01	16.88	51.113	33.61	8.9	8.06	5.4	1.951	112.5
729	9/6/2008 2:16	16.79	51.088	33.59	8.81	8.05	5.8	1.995	111.2
730	9/6/2008 2:31	16.53	51.109	33.61	8.7	8.03	6.5	2.062	109.3
731	9/6/2008 2:46	16.39	51.127	33.62	8.55	8.02	6.2	2.117	107.1
732	9/6/2008 3:01	16.26	51.091	33.59	8.45	8.01	6	2.164	105.6
733	9/6/2008 3:16	16.18	51.085	33.58	8.38	8.01	5.7	2.22	104.5
734	9/6/2008 3:31	16.09	51.094	33.59	8.33	8	5.6	2.266	103.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
735	9/6/2008 3:46	15.98	51.107	33.59	8.31	8	5.5	2.319	103.2
736	9/6/2008 4:01	15.85	51.092	33.58	8.26	7.99	4.8	2.354	102.4
737	9/6/2008 4:16	15.64	51.073	33.56	8.25	7.99	4.8	2.401	101.8
738	9/6/2008 4:31	15.48	51.055	33.55	8.23	7.81	4.5	2.447	101.2
739	9/6/2008 4:46	15.41	51.083	33.57	8.19	7.98	4.7	2.478	100.6
740	9/6/2008 5:01	15.3	51.077	33.56	8.08	7.8	4.8	2.512	99
741	9/6/2008 5:16	15.27	51.067	33.55	8.05	7.8	4.5	2.533	98.5
742	9/6/2008 5:31	15.25	51.078	33.56	8.01	7.8	4.2	2.566	98.1
743	9/6/2008 5:46	15.32	51.018	33.52	7.88	7.97	4.1	2.554	96.6
744	9/6/2008 6:01	15.11	51.112	33.58	7.93	7.78	4	2.564	96.8
745	9/6/2008 6:16	15.1	51.108	33.58	7.88	7.78	3.7	2.566	96.2
746	9/6/2008 6:31	15.09	51.058	33.54	7.88	7.78	4.5	2.535	96.2
747	9/6/2008 6:46	15.23	51.083	33.56	7.89	7.79	5.4	2.514	96.5
748	9/6/2008 7:01	15.4	51.085	33.57	7.77	7.97	5.8	2.48	95.4
749	9/6/2008 7:16	15.67	51.137	33.61	7.36	7.94	6.7	2.44	90.9
750	9/6/2008 7:31	15.64	51.188	33.65	7.09	7.93	7.9	2.407	87.5
751	9/6/2008 7:46	15.62	51.185	33.64	7.06	7.93	6.8	2.356	87.1
752	9/6/2008 8:01	15.52	51.23	33.68	7.1	7.93	6	2.32	87.5
753	9/6/2008 8:16	15.69	51.153	33.62	7.33	7.95	5.5	2.28	90.6
754	9/6/2008 8:31	15.72	51.12	33.6	7.35	7.95	4.8	2.241	90.9
755	9/6/2008 8:46	15.82	51.121	33.6	7.5	7.96	4.5	2.213	92.8
756	9/6/2008 9:01	15.92	51.133	33.61	7.63	7.97	4.3	2.174	94.7
757	9/6/2008 9:16	16.07	51.103	33.59	7.78	7.99	3.8	2.171	96.9
758	9/6/2008 9:31	16.17	51.123	33.61	7.74	7.98	3.5	2.139	96.6
759	9/6/2008 9:46	16.33	51.093	33.59	7.92	8	3.2	2.126	99.1
760	9/6/2008 10:01	16.45	51.107	33.6	7.89	8.01	3.4	2.134	98.9
761	9/6/2008 10:16	16.48	51.145	33.63	7.79	8	3.4	2.137	97.8
762	9/6/2008 10:31	16.43	51.162	33.64	8.05	8.01	3.7	2.146	100.9
763	9/6/2008 10:46	16.41	51.137	33.62	8.01	8	3.8	2.154	100.4
764	9/6/2008 11:01	16.26	51.16	33.64	7.98	7.99	4.3	2.18	99.7
765	9/6/2008 11:16	16.16	50.977	33.5	7.95	8.01	4.2	2.211	99
766	9/6/2008 11:31	16.11	51.131	33.61	7.95	7.82	4.9	2.239	99
767	9/6/2008 11:46	16.01	51.143	33.62	7.92	7.98	5.3	2.278	98.4
768	9/6/2008 12:01	15.97	51.116	33.6	7.93	7.98	4.8	2.326	98.5
769	9/6/2008 12:16	15.84	51.126	33.61	7.94	7.98	4.6	2.361	98.4
770	9/6/2008 12:31	15.76	51.118	33.6	7.91	7.8	5	2.409	97.9
771	9/6/2008 12:46	15.62	51.089	33.57	7.95	7.8	4.9	2.458	98.1
772	9/6/2008 13:01	15.28	51.049	33.54	7.92	7.79	5	2.505	97
773	9/6/2008 13:16	14.99	51.091	33.56	7.91	7.79	5.2	2.565	96.3
774	9/6/2008 13:31	14.79	51.075	33.54	7.97	7.95	5.1	2.611	96.7
775	9/6/2008 13:46	14.66	51.051	33.52	8.06	7.96	5	2.671	97.5
776	9/6/2008 14:01	14.39	51.067	33.53	8.15	7.79	4.8	2.728	98
777	9/6/2008 14:16	14.3	51.048	33.51	8.14	7.79	4.5	2.773	97.8
778	9/6/2008 14:31	14.22	51.043	33.5	8.19	7.8	4.5	2.834	98.2
779	9/6/2008 14:46	13.94	51.072	33.52	8.14	7.79	4.5	2.885	97.1
780	9/6/2008 15:01	13.86	51.073	33.51	8.16	7.94	4.3	2.934	97.1
781	9/6/2008 15:16	13.76	51.057	33.5	8.19	7.94	4	2.98	97.3
782	9/6/2008 15:31	13.68	51.076	33.51	8.13	7.78	4.2	3.017	96.5
783	9/6/2008 15:46	13.45	51.076	33.5	8.08	7.92	4	3.056	95.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
784	9/6/2008 16:01	13.3	51.077	33.5	8.08	7.77	3.4	3.088	95
785	9/6/2008 16:16	13.2	50.874	33.34	8.02	7.96	2.9	3.106	94
786	9/6/2008 16:31	13.3	51.023	33.46	7.98	7.77	3.1	3.118	93.9
787	9/6/2008 16:46	13.46	51.051	33.48	7.98	7.77	3.2	3.125	94.2
788	9/6/2008 17:01	13.36	51.095	33.51	7.86	7.91	3.1	3.121	92.7
789	9/6/2008 17:16	13.43	51.036	33.47	7.81	7.76	3.3	3.086	92.1
790	9/6/2008 17:31	13.64	51.087	33.52	8	7.78	3.6	3.06	94.8
791	9/6/2008 17:46	14	51.012	33.48	8.01	7.94	3.6	3.031	95.6
792	9/6/2008 18:01	14.51	51.045	33.51	8.14	7.79	3.8	2.973	98.1
793	9/6/2008 18:16	14.85	51.052	33.53	8.19	7.81	4.3	2.908	99.5
794	9/6/2008 18:31	15.06	51.087	33.56	8.22	7.81	4	2.852	100.2
795	9/6/2008 18:46	15.39	50.867	33.41	8.42	8.02	4.7	2.781	103.2
796	9/6/2008 19:01	15.63	51.099	33.58	8.75	8.03	5.8	2.71	108
797	9/6/2008 19:16	16.01	51.084	33.58	8.96	8.05	5.6	2.642	111.3
798	9/6/2008 19:31	16.16	50.888	33.44	9.17	8.07	5.2	2.57	114.3
799	9/6/2008 19:46	15.91	50.988	33.51	9.01	7.88	5.1	2.501	111.8
800	9/6/2008 20:01	15.53	51.066	33.56	8.67	7.86	4.7	2.41	106.7
801	9/6/2008 20:16	15.84	50.954	33.48	9.02	8.07	5.4	2.348	111.7
802	9/6/2008 20:31	16.11	50.951	33.48	9.07	8.08	6	2.267	112.9
803	9/6/2008 20:46	16.14	51.092	33.59	8.98	7.9	5.5	2.19	111.9
804	9/6/2008 21:01	16.43	50.877	33.43	9.06	8.07	6.2	2.114	113.5
805	9/6/2008 21:16	16.56	51.199	33.67	9.2	7.92	6.2	2.033	115.7
806	9/6/2008 21:31	16.66	51.186	33.66	9.18	8.08	6.1	1.946	115.7
807	9/6/2008 21:46	16.84	51.079	33.59	9.25	8.11	5.4	1.875	116.9
808	9/6/2008 22:01	16.87	51.15	33.64	9.26	7.93	4.9	1.785	117.1
809	9/6/2008 22:16	17.04	50.687	33.3	9.35	8.1	4.8	1.708	118.4
810	9/6/2008 22:31	17.2	51.21	33.69	9.4	8.13	4.4	1.648	119.7
811	9/6/2008 22:46	17.32	50.963	33.51	9.42	8.11	3.6	1.58	120
812	9/6/2008 23:01	17.45	51.221	33.7	9.5	8.16	3.5	1.521	121.6
813	9/6/2008 23:16	17.57	51.232	33.71	9.51	8.13	3.2	1.478	121.9
814	9/6/2008 23:31	17.68	51.193	33.68	9.52	8.14	2.9	1.475	122.3
815	9/6/2008 23:46	17.78	51.212	33.69	9.47	8.17	12.8	1.438	121.8
816	9/7/2008 0:01	17.79	51.284	33.75	9.43	8.14	2	1.443	121.4
817	9/7/2008 0:16	17.75	51.123	33.63	9.8	8.15	3	1.452	126
818	9/7/2008 0:31	17.76	51.281	33.75	9.81	8.18	2.4	1.462	126.3
819	9/7/2008 0:46	17.68	51.229	33.71	9.73	8.17	2.6	1.486	125
820	9/7/2008 1:01	17.61	51.276	33.74	9.7	8.15	3.1	1.533	124.5
821	9/7/2008 1:16	17.57	51.152	33.65	9.67	8.14	3.1	1.571	123.9
822	9/7/2008 1:31	17.54	51.261	33.73	9.64	8.14	3.5	1.621	123.6
823	9/7/2008 1:46	17.59	51.212	33.69	9.43	8.15	4.3	1.669	121
824	9/7/2008 2:01	17.75	51.226	33.71	8.99	8.1	5.7	1.724	115.6
825	9/7/2008 2:16	17.75	51.189	33.68	8.88	8.09	6.7	1.764	114.3
826	9/7/2008 2:31	17.7	51.158	33.65	8.99	8.11	6	1.804	115.5
827	9/7/2008 2:46	17.57	51.231	33.71	9.13	8.1	6.3	1.859	117
828	9/7/2008 3:01	17.46	51.11	33.62	9.2	8.12	5.4	1.913	117.6
829	9/7/2008 3:16	17.4	51.217	33.7	9.18	7.94	5.1	1.959	117.4
830	9/7/2008 3:31	17.25	51.2	33.68	9.1	7.93	5.5	1.995	115.9
831	9/7/2008 3:46	17.05	51.193	33.67	9	7.92	5.9	2.061	114.3
832	9/7/2008 4:01	16.79	51.197	33.67	8.77	7.9	5.1	2.111	110.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
833	9/7/2008 4:16	16.64	51.195	33.67	8.69	7.89	5.1	2.154	109.4
834	9/7/2008 4:31	16.54	51.197	33.67	8.61	7.88	5.1	2.205	108.2
835	9/7/2008 4:46	16.45	51.212	33.68	8.57	7.88	4.9	2.249	107.4
836	9/7/2008 5:01	16.32	51.21	33.68	8.51	7.87	4.6	2.299	106.5
837	9/7/2008 5:16	16.21	51.194	33.66	8.45	7.87	5.1	2.331	105.4
838	9/7/2008 5:31	16.12	51.039	33.55	8.47	8.05	4.2	2.353	105.5
839	9/7/2008 5:46	16.02	51.198	33.66	8.46	7.87	3.5	2.39	105.2
840	9/7/2008 6:01	15.92	51.028	33.54	8.46	8.04	3.9	2.429	105
841	9/7/2008 6:16	15.87	51.228	33.68	8.38	7.86	3.9	2.444	103.9
842	9/7/2008 6:31	15.79	51.161	33.63	8.32	7.86	3.9	2.465	103
843	9/7/2008 6:46	15.84	51.145	33.62	8.13	7.85	3.8	2.487	100.8
844	9/7/2008 7:01	15.74	51.246	33.69	8.07	7.84	3.8	2.495	99.9
845	9/7/2008 7:16	15.76	51.146	33.62	7.98	7.84	3.9	2.503	98.7
846	9/7/2008 7:31	15.66	51.181	33.64	8.21	7.84	4	2.49	101.4
847	9/7/2008 7:46	15.68	51.141	33.61	8.22	7.84	4.4	2.488	101.5
848	9/7/2008 8:01	15.68	51.017	33.52	8.25	8.03	4.2	2.476	101.8
849	9/7/2008 8:16	15.75	50.981	33.5	8.21	7.85	7.6	2.446	101.5
850	9/7/2008 8:31	15.91	51.092	33.58	8.11	7.84	5.2	2.418	100.6
851	9/7/2008 8:46	16.13	51.014	33.53	7.87	7.84	5.5	2.392	98
852	9/7/2008 9:01	16.27	51.059	33.56	7.69	7.83	6.7	2.358	96.1
853	9/7/2008 9:16	16.28	51.179	33.65	7.57	7.83	6.1	2.327	94.6
854	9/7/2008 9:31	16.34	51.236	33.7	7.66	7.84	6	2.3	95.9
855	9/7/2008 9:46	16.38	51.181	33.66	7.88	7.85	4.6	2.272	98.8
856	9/7/2008 10:01	16.43	51.205	33.67	7.91	7.85	4.5	2.258	99.2
857	9/7/2008 10:16	16.47	51.242	33.7	7.81	7.85	4.2	2.25	98
858	9/7/2008 10:31	16.54	51.149	33.63	8.01	8.22	4.4	2.222	100.7
859	9/7/2008 10:46	16.64	51.096	33.6	8.13	8.03	4.3	2.228	102.3
860	9/7/2008 11:01	16.63	51.153	33.64	8.09	8.03	5.1	2.236	101.8
861	9/7/2008 11:16	16.62	51.105	33.6	8.2	8.03	4.4	2.229	103.2
862	9/7/2008 11:31	16.62	51.126	33.62	8.3	8.03	4.3	2.234	104.4
863	9/7/2008 11:46	16.55	51.1	33.6	8.2	8.03	4.3	2.252	103
864	9/7/2008 12:01	16.43	51.247	33.71	8.05	8.02	5.8	2.28	100.9
865	9/7/2008 12:16	16.4	51.111	33.6	8.09	8.04	4.8	2.3	101.3
866	9/7/2008 12:31	16.32	51.201	33.67	8.21	8.02	4.5	2.323	102.7
867	9/7/2008 12:46	16.3	51.21	33.68	8.33	7.87	4.2	2.357	104.2
868	9/7/2008 13:01	16.3	51.035	33.55	8.36	8.05	4	2.395	104.5
869	9/7/2008 13:16	16.16	51.04	33.55	8.3	8.02	4.3	2.428	103.4
870	9/7/2008 13:31	16.03	51.055	33.56	8.24	8.02	4.1	2.462	102.5
871	9/7/2008 13:46	15.8	51.058	33.56	8.25	8.03	4.4	2.513	102.1
872	9/7/2008 14:01	15.57	51.19	33.65	8.23	7.85	4.6	2.548	101.4
873	9/7/2008 14:16	15.29	51.032	33.52	8.23	8.2	4	2.591	100.8
874	9/7/2008 14:31	14.93	50.995	33.49	8.24	7.99	4.5	2.64	100.2
875	9/7/2008 14:46	14.65	51.028	33.51	8.29	7.99	4.3	2.674	100.2
876	9/7/2008 15:01	14.53	50.955	33.45	8.35	7.99	3.9	2.726	100.7
877	9/7/2008 15:16	14.49	50.991	33.47	8.35	8	4.4	2.763	100.6
878	9/7/2008 15:31	14.32	51.04	33.51	8.34	8.2	3.8	2.804	100.2
879	9/7/2008 15:46	14.13	51.087	33.53	8.33	8.19	3.8	2.845	99.7
880	9/7/2008 16:01	13.97	51.187	33.6	8.3	7.83	3.8	2.892	99.1
881	9/7/2008 16:16	13.88	51.166	33.58	8.31	7.83	3.4	2.923	99

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
882	9/7/2008 16:31	13.83	51.024	33.48	8.35	8.2	3.2	2.949	99.3
883	9/7/2008 16:46	13.73	51.079	33.51	8.35	8.01	3.4	2.975	99.1
884	9/7/2008 17:01	13.72	51.083	33.52	8.23	8.19	2.7	2.999	97.7
885	9/7/2008 17:16	13.81	51.166	33.58	8.23	7.83	3.3	3.022	97.9
886	9/7/2008 17:31	13.96	51.03	33.49	8.16	8.19	3.3	3.023	97.4
887	9/7/2008 17:46	13.95	51.012	33.47	8.03	8.01	3.1	3.017	95.8
888	9/7/2008 18:01	13.9	51.2	33.61	8.2	7.83	2.8	3.012	97.8
889	9/7/2008 18:16	13.87	51.01	33.47	8.25	8.19	2.9	2.999	98.2
890	9/7/2008 18:31	13.93	51.05	33.5	8.23	8.19	3	2.952	98.1
891	9/7/2008 18:46	14.4	51.001	33.48	8.18	8.2	3.3	2.911	98.4
892	9/7/2008 19:01	14.82	51.038	33.52	8.36	8.04	3.4	2.873	101.5
893	9/7/2008 19:16	14.87	51.044	33.52	8.41	8.04	3.7	2.818	102.2
894	9/7/2008 19:31	15.16	51.19	33.64	8.42	7.86	4.7	2.754	103
895	9/7/2008 19:46	15.46	51.211	33.66	8.38	8.03	4.8	2.689	103.1
896	9/7/2008 20:01	15.9	51.171	33.64	8.49	7.88	5.1	2.63	105.3
897	9/7/2008 20:16	16.21	51.022	33.54	8.66	8.25	5	2.569	108
898	9/7/2008 20:31	16.39	51.101	33.6	8.77	8.09	4.6	2.495	109.8
899	9/7/2008 20:46	16.34	51.111	33.6	8.81	8.07	4.9	2.425	110.3
900	9/7/2008 21:01	16.14	51.15	33.63	8.74	8.08	5.6	2.363	108.9
901	9/7/2008 21:16	16.14	51.139	33.62	8.66	8.08	5.3	2.282	107.9
902	9/7/2008 21:31	16.22	50.842	33.4	8.73	8.06	5.1	2.211	108.9
903	9/7/2008 21:46	16.41	51.005	33.53	8.77	8.08	5.2	2.134	109.8
904	9/7/2008 22:01	16.35	51.142	33.63	8.83	8.11	5.8	2.048	110.5
905	9/7/2008 22:16	16.48	51.242	33.7	8.86	7.94	5.7	1.976	111.3
906	9/7/2008 22:31	16.72	51.101	33.6	8.94	8.13	5.3	1.905	112.7
907	9/7/2008 22:46	16.76	51.135	33.63	8.98	8.13	4.9	1.819	113.2
908	9/7/2008 23:01	16.66	51.334	33.77	8.85	8.1	5.1	1.744	111.6
909	9/7/2008 23:16	16.88	51.354	33.79	8.95	7.95	4.5	1.683	113.3
910	9/7/2008 23:31	17.19	51.328	33.77	9.09	7.98	3.5	1.618	115.7
911	9/7/2008 23:46	17.26	51.343	33.79	9.12	8.14	3.6	1.557	116.3
912	9/8/2008 0:01	17.37	51.256	33.72	9.2	8.17	3.2	1.508	117.5
913	9/8/2008 0:16	17.46	51.173	33.66	9.19	8.14	2.9	1.477	117.6
914	9/8/2008 0:31	17.6	51.398	33.83	9.24	8.16	2.6	1.441	118.7
915	9/8/2008 0:46	17.63	51.169	33.66	9.16	8.18	2.4	1.424	117.5
916	9/8/2008 1:01	17.62	51.294	33.75	9.03	8.15	2.3	1.413	116
917	9/8/2008 1:16	17.59	50.916	33.48	9.15	8.15	2.6	1.42	117.2
918	9/8/2008 1:31	17.59	51.398	33.83	9.35	8.18	2.4	1.421	120
919	9/8/2008 1:46	17.55	50.88	33.45	9.43	8.15	2.5	1.448	120.7
920	9/8/2008 2:01	17.51	51.241	33.71	9.38	8.16	2.7	1.483	120.1
921	9/8/2008 2:16	17.48	51.353	33.8	9.37	8.18	3.1	1.506	119.9
922	9/8/2008 2:31	17.44	51.27	33.73	9.37	8.16	3.2	1.558	119.8
923	9/8/2008 2:46	17.41	51.353	33.8	9.36	8	4	1.608	119.6
924	9/8/2008 3:01	17.45	51.33	33.78	9.17	8.14	4	1.649	117.4
925	9/8/2008 3:16	17.54	51.2	33.68	8.85	8.31	5.7	1.694	113.4
926	9/8/2008 3:31	17.54	51.172	33.66	8.77	8.12	6	1.747	112.3
927	9/8/2008 3:46	17.52	51.209	33.69	8.72	8.14	6.2	1.796	111.6
928	9/8/2008 4:01	17.42	51.21	33.69	8.88	8.14	5.7	1.845	113.4
929	9/8/2008 4:16	17.31	51.237	33.71	8.95	8.14	5.2	1.886	114.2
930	9/8/2008 4:31	17.25	51.145	33.64	8.94	8.14	4.9	1.94	113.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
931	9/8/2008 4:46	17.12	51.19	33.67	8.83	8.11	5.2	1.992	112.3
932	9/8/2008 5:01	16.88	51.152	33.64	8.76	8.09	4.9	2.043	110.7
933	9/8/2008 5:16	16.76	51.101	33.6	8.66	8.08	5.3	2.093	109.3
934	9/8/2008 5:31	16.6	51.134	33.62	8.58	8.09	4.8	2.147	107.9
935	9/8/2008 5:46	16.46	51.146	33.63	8.48	8.08	4.5	2.184	106.4
936	9/8/2008 6:01	16.38	51.055	33.56	8.44	8.06	4.8	2.233	105.7
937	9/8/2008 6:16	16.27	50.808	33.38	8.45	8.05	4.2	2.286	105.5
938	9/8/2008 6:31	16.18	51.12	33.61	8.44	8.05	4.2	2.322	105.2
939	9/8/2008 6:46	16.09	51.096	33.59	8.45	8.07	3.9	2.362	105.1
940	9/8/2008 7:01	15.92	50.821	33.38	8.43	8.04	4.2	2.404	104.5
941	9/8/2008 7:16	15.82	51.071	33.57	8.37	8.04	4	2.442	103.7
942	9/8/2008 7:31	15.69	51.112	33.59	8.3	8.06	4.3	2.469	102.5
943	9/8/2008 7:46	15.59	51.07	33.56	8.32	8.06	3.9	2.496	102.6
944	9/8/2008 8:01	15.53	51.04	33.54	8.21	8.06	3.7	2.521	101
945	9/8/2008 8:16	15.49	51.069	33.56	8.07	8.05	3.5	2.544	99.3
946	9/8/2008 8:31	15.47	51.221	33.67	7.98	7.86	3.5	2.549	98.1
947	9/8/2008 8:46	15.44	51.08	33.56	8.07	8.22	7.3	2.544	99.2
948	9/8/2008 9:01	15.41	51.098	33.58	8.08	8.04	4.3	2.549	99.3
949	9/8/2008 9:16	15.43	51.051	33.54	8.01	8.05	3.5	2.531	98.5
950	9/8/2008 9:31	15.53	51.165	33.63	8.05	7.87	4.5	2.513	99.1
951	9/8/2008 9:46	15.69	51.136	33.61	8.02	7.87	3.7	2.491	99.1
952	9/8/2008 10:01	15.77	51.008	33.52	7.98	8.06	4	2.462	98.7
953	9/8/2008 10:16	15.92	51.256	33.7	7.96	8.04	4.5	2.436	98.9
954	9/8/2008 10:31	16.14	51.26	33.71	7.72	8.04	4.6	2.412	96.3
955	9/8/2008 10:46	16.18	51.221	33.68	7.76	7.88	5.3	2.386	96.8
956	9/8/2008 11:01	16.22	51.104	33.6	7.96	8.24	3.9	2.376	99.3
957	9/8/2008 11:16	16.24	48.107	31.41	8.07	8.05	3.7	2.358	99.5
958	9/8/2008 11:31	16.28	49.747	32.6	8.02	8.24	3.5	2.341	99.6
959	9/8/2008 11:46	16.33	49.535	32.45	8.02	8.25	3.2	2.335	99.6
960	9/8/2008 12:01	16.37	49.464	32.4	8.08	8.07	3	2.332	100.4
961	9/8/2008 12:16	16.34	49.085	32.12	8.04	8.07	3.6	2.324	99.6
962	9/8/2008 12:31	16.39	49.396	32.35	8.13	8.08	3.7	2.33	101
963	9/8/2008 12:46	16.34	49.476	32.41	8.19	8.05	3.7	2.344	101.7
964	9/8/2008 13:01	16.29	49.706	32.57	8.19	8.05	3.7	2.348	101.8
965	9/8/2008 13:16	16.27	47.014	30.61	8.33	8.05	4.2	2.378	102.2
966	9/8/2008 13:31	16.25	46.12	29.97	8.45	8.05	3.7	2.397	103.3
967	9/8/2008 13:46	16.2	47.18	30.73	8.45	8.05	3.7	2.41	103.6
968	9/8/2008 14:01	16.16	46.185	30.01	8.47	8.24	3.7	2.452	103.4
969	9/8/2008 14:16	16.07	46.948	30.56	8.46	8.04	4	2.472	103.4
970	9/8/2008 14:31	15.95	46.503	30.24	8.46	8.1	4.5	2.502	102.9
971	9/8/2008 14:46	15.86	46.648	30.34	8.43	8.04	3.4	2.535	102.4
972	9/8/2008 15:01	15.79	47.583	31.02	8.39	8.06	3.6	2.564	102.2
973	9/8/2008 15:16	15.7	48.147	31.43	8.34	8.23	3.5	2.605	101.7
974	9/8/2008 15:31	15.52	46.416	30.17	8.37	8.05	3.5	2.64	100.9
975	9/8/2008 15:46	15.31	46.218	30.02	8.4	8.04	3.8	2.677	100.8
976	9/8/2008 16:01	14.8	46.52	30.23	8.36	8.03	3.4	2.718	99.4
977	9/8/2008 16:16	14.53	45.855	29.74	8.47	8	3.3	2.758	99.9
978	9/8/2008 16:31	14.47	46.359	30.11	8.46	8.21	3.2	2.793	99.8
979	9/8/2008 16:46	14.34	47.012	30.57	8.49	7.86	2.9	2.836	100.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
980	9/8/2008 17:01	14.17	46.813	30.43	8.55	7.86	3.1	2.876	100.4
981	9/8/2008 17:16	14.05	47.917	31.22	8.51	8.01	2.9	2.907	100.3
982	9/8/2008 17:31	13.92	47.893	31.2	8.5	7.85	2.7	2.945	99.9
983	9/8/2008 17:46	13.8	45.383	29.39	8.63	8.21	3.8	2.976	100
984	9/8/2008 18:01	13.74	48.448	31.6	8.38	8	2.5	2.986	98.3
985	9/8/2008 18:16	13.68	46.971	30.53	8.38	8.2	2.4	3.016	97.6
986	9/8/2008 18:31	13.61	45.899	29.75	8.07	8.01	1.6	3.024	93.4
987	9/8/2008 18:46	13.64	48.143	31.37	8.34	8	2.4	3.027	97.5
988	9/8/2008 19:01	13.68	48.148	31.38	8.42	7.85	2.6	3.021	98.5
989	9/8/2008 19:16	13.73	48.039	31.3	8.32	8	3.9	2.999	97.4
990	9/8/2008 19:31	13.84	48.042	31.31	8.34	8.01	2.4	2.984	97.9
991	9/8/2008 19:46	13.99	48.052	31.32	8.35	7.81	2.4	2.946	98.3
992	9/8/2008 20:01	14.29	48.248	31.47	8.38	8.01	3.4	2.898	99.3
993	9/8/2008 20:16	14.54	48.958	31.99	8.37	8.03	3.4	2.854	100.1
994	9/8/2008 20:31	15.01	48.179	31.44	8.4	8.07	4.1	2.801	101
995	9/8/2008 20:46	15.56	48.162	31.43	8.27	8.04	4.5	2.739	100.6
996	9/8/2008 21:01	15.72	48.058	31.36	8.16	8.04	4.9	2.675	99.5
997	9/8/2008 21:16	15.68	47.93	31.27	8.08	8.04	4.5	2.61	98.4
998	9/8/2008 21:31	15.6	48.107	31.4	8.12	7.88	5.2	2.546	98.7
999	9/8/2008 21:46	15.94	48.495	31.68	8.13	7.89	5	2.474	99.8
1000	9/8/2008 22:01	15.99	48.57	31.74	8.12	7.89	5.1	2.402	99.7
1001	9/8/2008 22:16	16.36	48.193	31.47	8.39	8.1	5.7	2.338	103.7
1002	9/8/2008 22:31	16.28	48.448	31.65	8.42	7.92	5.4	2.256	104
1003	9/8/2008 22:46	16.35	48.539	31.72	8.35	8.28	5.6	2.177	103.3
1004	9/8/2008 23:01	16.37	48.145	31.44	8.31	8.1	5.5	2.108	102.7
1005	9/8/2008 23:16	16.47	47.873	31.24	8.48	8.09	6	2.029	104.8
1006	9/8/2008 23:31	16.41	48.291	31.54	8.47	8.09	5.7	1.945	104.8
1007	9/8/2008 23:46	16.46	48.475	31.68	8.45	8.28	5.7	1.872	104.8
1008	9/9/2008 0:01	16.46	48.121	31.42	8.41	8.09	5.8	1.79	104.1
1009	9/9/2008 0:16	16.63	48.168	31.46	8.47	8.12	4.9	1.705	105.1
1010	9/9/2008 0:31	16.67	48.58	31.76	8.47	8.3	4.5	1.639	105.5
1011	9/9/2008 0:46	16.82	48.281	31.54	8.61	8.32	4	1.58	107.4
1012	9/9/2008 1:01	16.91	48.357	31.6	8.59	8	3.7	1.504	107.4
1013	9/9/2008 1:16	17.08	48.208	31.49	8.79	8.17	3.3	1.461	110.2
1014	9/9/2008 1:31	17.15	49.057	32.11	8.73	8.35	2.8	1.43	110
1015	9/9/2008 1:46	17.25	47.374	30.88	8.89	8.2	3	1.396	111.4
1016	9/9/2008 2:01	17.28	51.154	33.65	8.63	8.17	2.9	1.368	110
1017	9/9/2008 2:16	17.3	48.381	31.62	8.59	8.02	2.3	1.375	108.2
1018	9/9/2008 2:31	17.23	46.467	30.23	9	8.02	2.5	1.388	112.3
1019	9/9/2008 2:46	17.21	50.581	33.23	8.86	8.02	2.6	1.386	112.5
1020	9/9/2008 3:01	17.12	51.555	33.94	8.76	8.01	2.8	1.417	111.5
1021	9/9/2008 3:16	17.16	51.555	33.94	8.84	8.02	2.7	1.471	112.6
1022	9/9/2008 3:31	17.14	51.456	33.87	8.86	8.02	3	1.511	112.7
1023	9/9/2008 3:46	17.1	51.429	33.85	8.8	8.19	3.5	1.558	111.9
1024	9/9/2008 4:01	17.07	51.164	33.65	8.75	8.16	3.5	1.61	111.1
1025	9/9/2008 4:16	17.09	51.508	33.91	8.54	8.34	4.8	1.657	108.6
1026	9/9/2008 4:31	17.1	51.464	33.87	8.38	7.98	5.7	1.704	106.6
1027	9/9/2008 4:46	17.07	51.28	33.74	8.33	8.15	5.9	1.756	105.8
1028	9/9/2008 5:01	16.97	51.459	33.87	8.48	8.32	5.1	1.805	107.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1029	9/9/2008 5:16	16.88	51.469	33.87	8.49	7.98	5.1	1.858	107.5
1030	9/9/2008 5:31	16.83	51.303	33.75	8.47	8.31	4.9	1.916	107.1
1031	9/9/2008 5:46	16.77	51.058	33.57	8.44	8.12	4.9	1.967	106.4
1032	9/9/2008 6:01	16.69	51.35	33.78	8.37	8.11	4.8	2.022	105.6
1033	9/9/2008 6:16	16.58	51.137	33.63	8.33	8.1	5.4	2.08	104.8
1034	9/9/2008 6:31	16.49	51.179	33.66	8.29	8.12	5.2	2.13	104.1
1035	9/9/2008 6:46	16.38	51.32	33.76	8.23	8.28	5.3	2.182	103.2
1036	9/9/2008 7:01	16.3	51.447	33.85	8.19	7.93	5.6	2.235	102.6
1037	9/9/2008 7:16	16.28	51.331	33.76	8.14	7.92	6.3	2.285	101.8
1038	9/9/2008 7:31	16.17	51.447	33.85	8.18	7.92	7.7	2.344	102.1
1039	9/9/2008 7:46	16.05	51.041	33.55	8.19	8.26	5.1	2.387	101.8
1040	9/9/2008 8:01	15.98	51.321	33.75	8.09	8.25	5.2	2.422	100.6
1041	9/9/2008 8:16	15.79	51.027	33.53	8.08	8.05	4.6	2.471	100
1042	9/9/2008 8:31	15.58	51.385	33.79	8.07	7.89	4.5	2.51	99.6
1043	9/9/2008 8:46	15.48	51.26	33.7	8.02	8.23	4.2	2.535	98.8
1044	9/9/2008 9:01	15.41	51.228	33.67	8	8.23	4.2	2.563	98.3
1045	9/9/2008 9:16	15.32	51.353	33.76	7.94	7.88	4.2	2.592	97.5
1046	9/9/2008 9:31	15.08	51.08	33.56	7.85	8.22	3.2	2.604	95.8
1047	9/9/2008 9:46	15.28	51.213	33.66	7.85	8	3.8	2.609	96.2
1048	9/9/2008 10:01	15.22	50.911	33.44	7.7	8.01	4.2	2.611	94.1
1049	9/9/2008 10:16	15.23	50.967	33.48	7.63	8.02	4.3	2.598	93.3
1050	9/9/2008 10:31	15.34	51.179	33.63	7.76	8.05	3.6	2.581	95.2
1051	9/9/2008 10:46	15.43	51.301	33.73	7.79	7.88	3.9	2.555	95.9
1052	9/9/2008 11:01	15.72	51.191	33.65	7.75	8.24	4	2.526	95.8
1053	9/9/2008 11:16	15.81	51.141	33.62	7.76	8.07	4.7	2.491	96
1054	9/9/2008 11:31	15.93	51.277	33.72	7.74	8.08	3.8	2.454	96.1
1055	9/9/2008 11:46	16.01	51.32	33.75	7.61	8.08	3.7	2.429	94.7
1056	9/9/2008 12:01	16.05	51.264	33.71	7.41	8.06	4.4	2.398	92.3
1057	9/9/2008 12:16	16.08	51.423	33.83	7.33	7.88	5.2	2.363	91.4
1058	9/9/2008 12:31	16.18	51.296	33.74	7.62	8.25	3.8	2.346	95.1
1059	9/9/2008 12:46	16.2	51.39	33.81	7.58	7.9	3.5	2.324	94.8
1060	9/9/2008 13:01	16.2	51.417	33.83	7.41	7.88	3.7	2.308	92.6
1061	9/9/2008 13:16	16.27	51.477	33.87	7.55	7.78	3.2	2.299	94.5
1062	9/9/2008 13:31	16.21	51.42	33.83	7.43	7.88	4.1	2.299	92.9
1063	9/9/2008 13:46	16.22	51.438	33.84	7.59	7.89	4	2.286	94.9
1064	9/9/2008 14:01	16.31	50.956	33.49	7.79	8.05	4	2.302	97.4
1065	9/9/2008 14:16	16.34	51.323	33.76	7.85	8.03	4	2.319	98.3
1066	9/9/2008 14:31	16.28	51.458	33.86	7.88	7.91	3.7	2.323	98.6
1067	9/9/2008 14:46	16.22	51.135	33.62	7.74	8.24	4	2.35	96.7
1068	9/9/2008 15:01	16.15	51.352	33.78	7.85	8.24	3.9	2.377	98
1069	9/9/2008 15:16	16	51.031	33.54	7.97	8.08	3.8	2.404	99
1070	9/9/2008 15:31	15.97	51.293	33.73	7.99	8.24	4	2.437	99.3
1071	9/9/2008 15:46	15.88	51.357	33.78	7.96	7.9	4.2	2.458	98.8
1072	9/9/2008 16:01	15.82	51.2	33.66	7.94	8.07	3.8	2.5	98.4
1073	9/9/2008 16:16	15.69	51.38	33.79	7.92	8.02	4.1	2.538	98
1074	9/9/2008 16:31	15.34	51.398	33.79	7.94	8.22		2.573	97.5
1075	9/9/2008 16:46	15.21	50.696	33.28	7.99	8.22	3.6	2.628	97.6
1076	9/9/2008 17:01	14.99	51.247	33.68	7.98	8.21	3.6	2.668	97.2
1077	9/9/2008 17:16	14.51	51.053	33.52	7.98	8.2	7.9	2.712	96.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1078	9/9/2008 17:31	14.3	51.246	33.66	8.05	7.86	3.6	2.748	96.8
1079	9/9/2008 17:46	14.19	50.986	33.46	8.14	8.21	3.1	2.791	97.5
1080	9/9/2008 18:01	13.99	51.203	33.61	8.18	7.87	3.1	2.832	97.6
1081	9/9/2008 18:16	13.81	51.007	33.46	8.22	8.21	3.1	2.88	97.7
1082	9/9/2008 18:31	13.69	51.247	33.64	8.24	7.87	3	2.908	97.8
1083	9/9/2008 18:46	13.61	50.879	33.36	8.26	8.21	2.8	2.939	97.7
1084	9/9/2008 19:01	13.53	50.949	33.41	8.28	8.04	3	2.978	97.8
1085	9/9/2008 19:16	13.48	50.931	33.4	8.18	8.21	2.9	2.994	96.5
1086	9/9/2008 19:31	13.9	50.981	33.45	7.97	8.22	2.4	3.01	94.9
1087	9/9/2008 19:46	13.83	51.238	33.64	7.75	7.85	3.5	3.017	92.2
1088	9/9/2008 20:01	13.72	51.244	33.64	7.93	7.85	2.9	3.032	94.2
1089	9/9/2008 20:16	13.66	50.967	33.43	8.06	8.21	2.6	3.014	95.5
1090	9/9/2008 20:31	13.68	50.97	33.43	8.05	8.21	2.4	3.006	95.5
1091	9/9/2008 20:46	13.73	51.178	33.59	8.07	8.21	2.5	2.98	95.8
1092	9/9/2008 21:01	13.82	51.308	33.69	8.1	7.87	2.5	2.93	96.5
1093	9/9/2008 21:16	14.48	51.231	33.65	7.9	7.88	3	2.89	95.2
1094	9/9/2008 21:31	14.74	51.397	33.78	7.97	7.89	3.3	2.841	96.7
1095	9/9/2008 21:46	14.99	51.412	33.8	7.87	7.89	4.2	2.775	96
1096	9/9/2008 22:01	15.23	51.284	33.71	7.87	7.89	3.8	2.707	96.4
1097	9/9/2008 22:16	15.52	51.297	33.72	7.84	7.9	4.5	2.636	96.6
1098	9/9/2008 22:31	15.68	51.318	33.74	7.97	7.91	4.5	2.566	98.5
1099	9/9/2008 22:46	15.88	51.348	33.77	7.94	7.91	4.8	2.494	98.5
1100	9/9/2008 23:01	15.78	51.323	33.75	7.74	7.89	4.9	2.42	95.9
1101	9/9/2008 23:16	16.07	51.327	33.76	8.04	7.92	4.5	2.337	100.2
1102	9/9/2008 23:31	16.05	51.344	33.77	8	7.93	5.1	2.263	99.7
1103	9/9/2008 23:46	16	51.438	33.84	8.08	7.92	5.6	2.178	100.6
1104	9/10/2008 0:01	16.06	51.292	33.73	8.06	8.28	5.2	2.099	100.3
1105	9/10/2008 0:16	16.08	51.363	33.78	8.07	8.28	4.9	2.016	100.6
1106	9/10/2008 0:31	15.89	51.379	33.79	7.92	7.92	5.5	1.929	98.4
1107	9/10/2008 0:46	16.07	51.375	33.79	7.89	7.93	4.9	1.852	98.4
1108	9/10/2008 1:01	15.81	51.399	33.81	7.77	7.9	4.8	1.763	96.3
1109	9/10/2008 1:16	15.97	51.097	33.59	7.7	8.08	4.7	1.668	95.7
1110	9/10/2008 1:31	16.11	51.432	33.84	7.63	8.25	4.9	1.61	95.2
1111	9/10/2008 1:46	16.25	51.441	33.85	7.69	7.93	3.8	1.523	96.2
1112	9/10/2008 2:01	16.31	51.419	33.83	7.62	7.93	3.5	1.441	95.4
1113	9/10/2008 2:16	16.48	51.495	33.89	7.69	7.94	3.7	1.396	96.7
1114	9/10/2008 2:31	16.66	51.378	33.81	7.75	8.13	2.9	1.35	97.7
1115	9/10/2008 2:46	16.7	51.592	33.96	7.67	7.96	2.9	1.305	96.8
1116	9/10/2008 3:01	16.8	51.56	33.94	7.65	7.97	2.4	1.294	96.8
1117	9/10/2008 3:16	16.87	51.456	33.87	7.7	7.98	2	1.289	97.5
1118	9/10/2008 3:31	16.76	51.479	33.88	7.86	8.15	2.6	1.3	99.3
1119	9/10/2008 3:46	16.78	51.601	33.97	7.96	7.98	2.6	1.32	100.6
1120	9/10/2008 4:01	16.77	51.58	33.96	8.01	7.98	2.5	1.358	101.2
1121	9/10/2008 4:16	16.87	51.528	33.92	8.15	8	2.5	1.398	103.2
1122	9/10/2008 4:31	16.86	51.588	33.96	8.15	8.15	3.1	1.458	103.2
1123	9/10/2008 4:46	16.82	51.53	33.92	8.12	8	3.3	1.507	102.8
1124	9/10/2008 5:01	16.79	51.526	33.92	8.07	7.99	4.1	1.574	102
1125	9/10/2008 5:16	16.79	51.475	33.88	7.95	7.98	5.4	1.629	100.5
1126	9/10/2008 5:31	16.78	51.455	33.86	7.9	7.98	6.6	1.673	99.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1127	9/10/2008 5:46	16.75	51.375	33.8	7.98	7.98	5.6	1.749	100.7
1128	9/10/2008 6:01	16.65	51.416	33.83	7.99	7.97	4.8	1.815	100.8
1129	9/10/2008 6:16	16.59	51.328	33.77	7.93	8.13	4.8	1.861	99.8
1130	9/10/2008 6:31	16.55	51.345	33.78	7.95	8.13	4.6	1.928	100
1131	9/10/2008 6:46	16.5	51.487	33.88	7.92	7.96	5.6	1.998	99.5
1132	9/10/2008 7:01	16.37	51.465	33.86	7.93	7.95	5.3	2.062	99.4
1133	9/10/2008 7:16	16.25	51.461	33.86	7.87	7.94	5.7	2.127	98.5
1134	9/10/2008 7:31	16.15	51.462	33.86	7.83	7.93	5.9	2.192	97.7
1135	9/10/2008 7:46	16.04	51.436	33.84	7.79	7.92	6.3	2.239	97
1136	9/10/2008 8:01	15.95	51.445	33.84	7.82	7.92	5.9	2.31	97.2
1137	9/10/2008 8:16	15.82	51.328	33.75	7.83	7.92	5.2	2.361	97.1
1138	9/10/2008 8:31	15.73	51.416	33.82	7.83	7.91	5.4	2.42	96.9
1139	9/10/2008 8:46	15.56	51.342	33.76	7.83	7.9	5.4	2.468	96.6
1140	9/10/2008 9:01	15.44	51.216	33.66	7.81	8.07	4.4	2.515	96.1
1141	9/10/2008 9:16	15.33	51.413	33.81	7.76	7.9	4.6	2.56	95.4
1142	9/10/2008 9:31	15.21	51.346	33.75	7.76	8.02	4.5	2.599	95
1143	9/10/2008 9:46	14.96	51.25	33.68	7.81	7.88	4	2.631	95.1
1144	9/10/2008 10:01	14.92	51.331	33.74	7.76	7.88	4	2.663	94.5
1145	9/10/2008 10:16	14.79	50.913	33.43	7.73	8.22	3.3	2.69	93.7
1146	9/10/2008 10:31	14.93	51.159	33.61	7.35	7.88	3.3	2.702	89.4
1147	9/10/2008 10:46	14.82	51.371	33.76	7.68	7.87	4.4	2.683	93.4
1148	9/10/2008 11:01	14.8	51.359	33.75	7.69	8	3.4	2.676	93.4
1149	9/10/2008 11:16	14.89	51.311	33.72	7.66	8	3.3	2.658	93.2
1150	9/10/2008 11:31	15.14	51.157	33.61	7.66	7.89	3.3	2.621	93.6
1151	9/10/2008 11:46	15.38	51.243	33.68	7.59	8.04	3.6	2.577	93.2
1152	9/10/2008 12:01	15.68	51.336	33.76	7.48	7.89	4.2	2.529	92.5
1153	9/10/2008 12:16	15.71	51.483	33.87	7.52	7.9	4	2.489	93.1
1154	9/10/2008 12:31	15.74	51.105	33.59	7.64	8.24	4.8	2.45	94.4
1155	9/10/2008 12:46	15.75	51.361	33.78	7.66	7.9	3.6	2.397	94.9
1156	9/10/2008 13:01	15.83	51.282	33.72	7.65	8.07	3.8	2.365	94.9
1157	9/10/2008 13:16	15.88	51.383	33.8	7.65	7.91	3.9	2.333	95
1158	9/10/2008 13:31	15.95	51.34	33.77	7.56	7.91	3.7	2.301	94
1159	9/10/2008 13:46	16.03	51.455	33.85	7.53	7.91	3.5	2.268	93.8
1160	9/10/2008 14:01	16.2	51.401	33.81	7.57	7.92	3.6	2.244	94.5
1161	9/10/2008 14:16	16.35	51.462	33.86	7.61	7.92	3.1	2.229	95.4
1162	9/10/2008 14:31	16.47	51.347	33.78	7.63	7.92	2.4	2.203	95.8
1163	9/10/2008 14:46	16.6	51.483	33.88	7.81	7.94	2.3	2.202	98.4
1164	9/10/2008 15:01	16.68	51.409	33.83	7.65	7.93	2.3	2.195	96.5
1165	9/10/2008 15:16	16.59	51.404	33.82	8.1	7.94	3.4	2.201	101.9
1166	9/10/2008 15:31	16.56	51.283	33.73	8.05	8.26	3.4	2.205	101.3
1167	9/10/2008 15:46	16.51	51.479	33.88	7.91	7.93	3	2.228	99.5
1168	9/10/2008 16:01	16.59	51.445	33.85	7.97	7.94	3.2	2.257	100.3
1169	9/10/2008 16:16	16.5	51.368	33.8	7.92	7.93	3.3	2.279	99.6
1170	9/10/2008 16:31	16.43	51.363	33.79	7.95	7.92	3.8	2.322	99.7
1171	9/10/2008 16:46	16.18	51.357	33.78	7.86	7.91	3.9	2.356	98.1
1172	9/10/2008 17:01	16.23	51.323	33.76	7.89	7.91	7.9	2.398	98.6
1173	9/10/2008 17:16	16.08	51.049	33.55	7.86	8.07	3.8	2.453	97.8
1174	9/10/2008 17:31	15.89	51.241	33.69	7.82	7.9	3.6	2.503	97.1
1175	9/10/2008 17:46	15.58	51.292	33.72	7.79	7.89	4.2	2.555	96.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1176	9/10/2008 18:01	15.3	51.355	33.76	7.87	7.89	4.2	2.602	96.5
1177	9/10/2008 18:16	14.84	51.248	33.67	8.02	7.88	3.8	2.656	97.4
1178	9/10/2008 18:31	14.62	51.247	33.67	8.11	7.89	3.8	2.713	98.1
1179	9/10/2008 18:46	14.31	51.209	33.63	8.27	7.89	3.1	2.77	99.4
1180	9/10/2008 19:01	14.15	51.305	33.69	8.32	7.89	3.2	2.813	99.7
1181	9/10/2008 19:16	14.08	51.29	33.68	8.44	7.9	3.1	2.871	101
1182	9/10/2008 19:31	13.97	51.278	33.67	8.44	7.9	2.7	2.909	100.8
1183	9/10/2008 19:46	13.76	51.25	33.64	8.46	7.9	2.8	2.955	100.6
1184	9/10/2008 20:01	13.55	51.286	33.66	8.49	7.9	2.9	2.997	100.6
1185	9/10/2008 20:16	13.46	51.181	33.58	8.52	7.9	2.9	3.023	100.7
1186	9/10/2008 20:31	13.36	51.205	33.59	8.51	7.9	2.1	3.055	100.3
1187	9/10/2008 20:46	13.36	51.314	33.67	8.34	7.89	2.5	3.073	98.4
1188	9/10/2008 21:01	13.52	51.155	33.56	8.34	7.9	2.3	3.078	98.6
1189	9/10/2008 21:16	13.4	51.295	33.66	8.41	7.9	2.7	3.056	99.3
1190	9/10/2008 21:31	13.34	51.267	33.64	8.41	7.89	1.9	3.051	99.1
1191	9/10/2008 21:46	13.38	51.232	33.61	8.37	7.9	2.1	3.022	98.7
1192	9/10/2008 22:01	13.49	51.053	33.49	8.38	8.24	2.2	2.966	99
1193	9/10/2008 22:16	14.26	51.446	33.8	8.06	7.91	3.3	2.907	96.9
1194	9/10/2008 22:31	14.56	51.394	33.77	8.02	7.9	3.7	2.843	96.9
1195	9/10/2008 22:46	15.38	51.308	33.73	7.7	7.91	5.4	2.772	94.6
1196	9/10/2008 23:01	15.38	51.297	33.72	7.94	8.08	4.8	2.701	97.6
1197	9/10/2008 23:16	15.7	51.236	33.68	7.92	8.09	4.2	2.622	97.9
1198	9/10/2008 23:31	15.74	51.354	33.77	8.13	7.94	4.3	2.545	100.7
1199	9/10/2008 23:46	16.01	51.368	33.79	8.04	8.1	4.6	2.46	100
1200	9/11/2008 0:01	16.22	51.349	33.78	8.11	8.12	4	2.388	101.4
1201	9/11/2008 0:16	16.36	51.085	33.59	8.02	8.11	4.3	2.302	100.4
1202	9/11/2008 0:31	16.29	51.281	33.73	8.12	8.09	4.3	2.2	101.6
1203	9/11/2008 0:46	16.12	51.445	33.85	8.18	7.95	5.1	2.118	102.1
1204	9/11/2008 1:01	16.08	51.172	33.64	8.2	8.13	5.1	2.026	102.1
1205	9/11/2008 1:16	16.04	51.159	33.63	8.18	8.13	6	1.912	101.8
1206	9/11/2008 1:31	15.97	51.048	33.55	8.2	8.28	6.1	1.811	101.8
1207	9/11/2008 1:46	16	51.431	33.83	8	8.27	5.9	1.73	99.6
1208	9/11/2008 2:01	16.02	51.439	33.84	7.84	7.95	5.9	1.619	97.6
1209	9/11/2008 2:16	16.16	51.389	33.8	7.89	7.95	4.3	1.525	98.6
1210	9/11/2008 2:31	16.31	51.275	33.72	7.83	8.1	3.7	1.445	97.9
1211	9/11/2008 2:46	16.37	50.79	33.37	7.85	8.09	3.5	1.371	98.1
1212	9/11/2008 3:01	16.5	51.455	33.86	7.86	7.97	3.2	1.304	98.8
1213	9/11/2008 3:16	16.63	51.609	33.97	7.96	7.98	3.2	1.258	100.3
1214	9/11/2008 3:31	16.91	51.497	33.9	8.23	8.01	2.8	1.219	104.3
1215	9/11/2008 3:46	16.97	51.645	34.01	8.25	8.02	2.4	1.19	104.8
1216	9/11/2008 4:01	16.99	51.132	33.63	8.14	8.01	2.2	1.203	103.2
1217	9/11/2008 4:16	17.03	51.703	34.05	8.54	8.04	2.2	1.205	108.6
1218	9/11/2008 4:31	17	51.543	33.93	8.61	8.04	2	1.241	109.3
1219	9/11/2008 4:46	16.91	51.648	34.01	8.44	8.03	2.3	1.277	107.1
1220	9/11/2008 5:01	17.02	51.801	34.12	8.68	8.05	3.9	1.339	110.4
1221	9/11/2008 5:16	16.93	50.896	33.45	8.62	8.04	3.5	1.401	109.1
1222	9/11/2008 5:31	16.93	51.365	33.8	8.51	8.03	4.5	1.456	107.8
1223	9/11/2008 5:46	17.07	50.785	33.37	8.39	8.03	7	1.535	106.3
1224	9/11/2008 6:01	17.07	51.398	33.82	8.31	8.02	8.1	1.603	105.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1225	9/11/2008 6:16	16.98	51.234	33.7	8.37	8.18	7	1.67	106.1
1226	9/11/2008 6:31	16.85	51.243	33.71	8.34	8.17	6	1.743	105.4
1227	9/11/2008 6:46	16.78	51.389	33.81	8.29	8.33	5.3	1.811	104.8
1228	9/11/2008 7:01	16.69	51.455	33.86	8.24	8	5.2	1.882	103.9
1229	9/11/2008 7:16	16.53	51.433	33.84	8.17	7.99	5.9	1.953	102.7
1230	9/11/2008 7:31	16.32	51.113	33.61	8.04	8.13	6.5	2.025	100.5
1231	9/11/2008 7:46	16.21	51.434	33.84	7.92	7.96	5.9	2.1	99
1232	9/11/2008 8:01	16.13	51.412	33.82	7.86	7.95	6.1	2.171	98.1
1233	9/11/2008 8:16	15.97	51.428	33.83	7.84	7.94	5.7	2.236	97.5
1234	9/11/2008 8:31	15.78	51.462	33.85	7.83	7.93	6	2.315	97
1235	9/11/2008 8:46	15.6	51.381	33.79	7.82	7.93	6.2	2.378	96.5
1236	9/11/2008 9:01	15.42	51.337	33.75	7.83	7.92	5.8	2.434	96.2
1237	9/11/2008 9:16	15.34	51.317	33.74	7.81	7.91	5.6	2.507	95.9
1238	9/11/2008 9:31	15.16	51.025	33.52	7.85	8.07	5.7	2.564	95.9
1239	9/11/2008 9:46	14.86	51.294	33.71	7.91	8.23	6.2	2.614	96.1
1240	9/11/2008 10:01	14.66	51.346	33.74	7.94	7.91	5.4	2.661	96.1
1241	9/11/2008 10:16	14.52	51.257	33.67	8	7.9	5.3	2.714	96.6
1242	9/11/2008 10:31	14.38	51.277	33.68	8	7.9	3.9	2.757	96.3
1243	9/11/2008 10:46	14.35	51.281	33.68	8	7.9	3.7	2.77	96.3
1244	9/11/2008 11:01	14.55	51.068	33.53	7.88	7.91	3.2	2.796	95.2
1245	9/11/2008 11:16	14.51	51.298	33.7	7.88	7.9	3	2.798	95.1
1246	9/11/2008 11:31	14.24	51.137	33.57	7.93	8.23	3.5	2.788	95.2
1247	9/11/2008 11:46	14.33	51.33	33.72	7.91	7.9	3.4	2.759	95.1
1248	9/11/2008 12:01	14.6	51.306	33.71	7.86	7.91	3.2	2.714	95
1249	9/11/2008 12:16	15.39	51.452	33.84	7.88	7.93	3.6	2.674	96.9
1250	9/11/2008 12:31	15.36	51.349	33.76	7.93	7.93	3.8	2.613	97.4
1251	9/11/2008 12:46	15.32	51.393	33.79	7.98	7.93	4.3	2.555	98
1252	9/11/2008 13:01	15.63	51.384	33.79	7.99	7.94	3.7	2.502	98.7
1253	9/11/2008 13:16	15.76	51.407	33.81	8.08	7.94	3.4	2.438	100
1254	9/11/2008 13:31	15.83	51.446	33.84	8.02	7.95	3.6	2.384	99.5
1255	9/11/2008 13:46	16.03	51.332	33.76	8.05	7.95	3.4	2.337	100.2
1256	9/11/2008 14:01	16.11	51.486	33.88	8.03	7.96	3.1	2.283	100.2
1257	9/11/2008 14:16	16.32	51.485	33.88	8.15	7.97	2.9	2.243	102.1
1258	9/11/2008 14:31	16.47	51.42	33.83	8.24	7.98	3.2	2.2	103.5
1259	9/11/2008 14:46	16.59	51.401	33.82	8.18	7.98	3.1	2.169	102.9
1260	9/11/2008 15:01	16.67	51.47	33.87	8.22	7.98	2.7	2.137	103.7
1261	9/11/2008 15:16	16.7	51.548	33.93	8	7.97	1.9	2.11	101
1262	9/11/2008 15:31	16.73	51.437	33.85	8.18	7.98	1.8	2.094	103.3
1263	9/11/2008 15:46	16.72	51.383	33.81	8.73	8	3.1	2.076	110.1
1264	9/11/2008 16:01	16.81	51.4	33.82	8.53	8	2.9	2.087	107.9
1265	9/11/2008 16:16	16.79	51.522	33.91	8.5	7.99	3.7	2.093	107.4
1266	9/11/2008 16:31	16.72	51.542	33.93	8.43	7.99	3.1	2.106	106.4
1267	9/11/2008 16:46	16.71	51.431	33.84	8.38	7.99	3.2	2.143	105.7
1268	9/11/2008 17:01	16.66	51.409	33.83	8.38	7.98	4.1	2.18	105.7
1269	9/11/2008 17:16	16.57	51.395	33.82	8.27	7.97	4.9	2.216	104.1
1270	9/11/2008 17:31	16.43	51.426	33.84	8.18	7.96	4	2.262	102.6
1271	9/11/2008 17:46	16.31	51.416	33.83	8.15	7.96	4.4	2.311	102
1272	9/11/2008 18:01	16.13	51.357	33.78	8.18	7.95	5.1	2.376	102.1
1273	9/11/2008 18:16	16.01	51.373	33.79	8.17	7.94	4.2	2.419	101.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1274	9/11/2008 18:31	15.82	51.357	33.78	8.1	7.93	4	2.473	100.4
1275	9/11/2008 18:46	15.44	51.289	33.72	8.06	7.92	4.8	2.54	99.1
1276	9/11/2008 19:01	15.17	51.339	33.75	8.07	7.92	4	2.599	98.7
1277	9/11/2008 19:16	14.91	51.389	33.78	8.1	7.91	4.2	2.666	98.7
1278	9/11/2008 19:31	14.71	51.418	33.79	8.12	8.02	4.4	2.724	98.5
1279	9/11/2008 19:46	14.55	51.248	33.66	8.19	7.91	4	2.79	99
1280	9/11/2008 20:01	14.33	51.258	33.67	8.29	7.92	4.1	2.856	99.7
1281	9/11/2008 20:16	14.02	50.973	33.45	8.34	8.25	3.7	2.912	99.6
1282	9/11/2008 20:31	13.86	51.382	33.74	8.4	7.92	3.5	2.969	100.1
1283	9/11/2008 20:46	13.71	51.398	33.75	8.42	8.02	3.9	3.025	100
1284	9/11/2008 21:01	13.55	51.392	33.74	8.51	8.02	3.1	3.074	100.8
1285	9/11/2008 21:16	13.41	51.398	33.74	8.56	8.02	2.9	3.113	101.1
1286	9/11/2008 21:31	13.28	51.379	33.72	8.59	7.93	3.4	3.14	101.2
1287	9/11/2008 21:46	13.25	51.375	33.71	8.52	7.93	3.1	3.167	100.3
1288	9/11/2008 22:01	13.6	51.32	33.69	8.39	7.93	2.8	3.178	99.4
1289	9/11/2008 22:16	13.26	51.257	33.63	8.48	7.93	2.8	3.164	99.7
1290	9/11/2008 22:31	13.15	51.263	33.63	8.54	7.93	2.7	3.14	100.3
1291	9/11/2008 22:46	13.24	51.192	33.58	8.48	8.02	2.7	3.099	99.7
1292	9/11/2008 23:01	13.73	51.211	33.61	8.26	8.02	3.2	3.044	98.1
1293	9/11/2008 23:16	13.97	51.195	33.61	8.04	8.01	4.5	2.981	95.9
1294	9/11/2008 23:31	14.26	51.333	33.72	7.9	8.01	6.4	2.9	94.9
1295	9/11/2008 23:46	14.37	51.309	33.7	7.92	7.91	6.5	2.814	95.4
1296	9/12/2008 0:01	14.68	50.401	33.05	7.88	7.92	5.1	2.725	95
1297	9/12/2008 0:16	15.09	51.463	33.84	7.84	7.94	5.9	2.634	95.9
1298	9/12/2008 0:31	15.39	51.379	33.78	7.88	7.95	5	2.539	96.9
1299	9/12/2008 0:46	15.77	51.534	33.9	7.85	7.96	5.6	2.442	97.4
1300	9/12/2008 1:01	15.99	51.511	33.89	7.86	7.97	5.4	2.341	97.8
1301	9/12/2008 1:16	15.96	51.53	33.9	7.93	7.97	5.4	2.235	98.7
1302	9/12/2008 1:31	15.95	51.513	33.89	8.02	7.98	6	2.133	99.7
1303	9/12/2008 1:46	15.74	51.42	33.82	8.04	7.97	6.5	2.024	99.6
1304	9/12/2008 2:01	15.4	51.501	33.87	7.95	7.95	7	1.921	97.8
1305	9/12/2008 2:16	15.61	51.3	33.73	7.93	7.96	5.9	1.805	97.8
1306	9/12/2008 2:31	15.62	51.436	33.83	7.91	7.96	5.9	1.689	97.8
1307	9/12/2008 2:46	15.62	51.02	33.52	7.78	7.95	5.7	1.592	95.9
1308	9/12/2008 3:01	15.73	51.407	33.81	7.75	7.95	5.1	1.486	96
1309	9/12/2008 3:16	15.94	51.569	33.93	7.64	7.95	4.2	1.391	95
1310	9/12/2008 3:31	16.18	50.625	33.24	7.74	7.97	3.6	1.308	96.4
1311	9/12/2008 3:46	16.36	51.278	33.73	7.78	7.98	3.4	1.24	97.4
1312	9/12/2008 4:01	16.41	51.302	33.75	7.77	7.98	3.5	1.195	97.5
1313	9/12/2008 4:16	16.52	51.245	33.71	7.77	7.99	2.7	1.159	97.6
1314	9/12/2008 4:31	16.67	51.306	33.75	7.82	8	2.7	1.138	98.5
1315	9/12/2008 4:46	16.67	51.455	33.86	7.92	8.01	2	1.151	99.9
1316	9/12/2008 5:01	16.75	51.408	33.83	8.18	8.03	2.4	1.181	103.3
1317	9/12/2008 5:16	16.93	51.442	33.86	8.45	8.07	2.4	1.207	107.1
1318	9/12/2008 5:31	16.72	51.902	34.19	8.17	8.03	2.9	1.255	103.3
1319	9/12/2008 5:46	16.91	52.341	34.52	8.46	8.06	3.3	1.335	107.7
1320	9/12/2008 6:01	16.85	51.699	34.04	8.4	8.05	3.5	1.4	106.4
1321	9/12/2008 6:16	16.9	52.095	34.34	8.18	8.04	6.2	1.476	103.9
1322	9/12/2008 6:31	16.94	52	34.27	8.07	8.04	7.4	1.555	102.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1323	9/12/2008 6:46	16.81	51.89	34.18	8.15	8.04	6.5	1.627	103.3
1324	9/12/2008 7:01	16.62	51.838	34.14	8.07	8.02	5.3	1.715	101.9
1325	9/12/2008 7:16	16.49	51.885	34.18	8.04	8.01	4.9	1.79	101.2
1326	9/12/2008 7:31	16.45	51.895	34.18	8.01	8.01	4.9	1.867	100.8
1327	9/12/2008 7:46	16.38	51.911	34.19	8.04	8	5.2	1.937	101
1328	9/12/2008 8:01	16.27	51.838	34.14	7.97	7.99	5.1	2.023	99.9
1329	9/12/2008 8:16	16.15	51.713	34.04	7.89	7.98	5.7	2.111	98.6
1330	9/12/2008 8:31	16.05	51.801	34.11	7.81	7.97	5.9	2.181	97.4
1331	9/12/2008 8:46	15.91	51.78	34.09	7.75	7.96	6.4	2.264	96.5
1332	9/12/2008 9:01	15.67	51.892	34.17	7.72	7.94	6.8	2.337	95.7
1333	9/12/2008 9:16	15.47	51.767	34.07	7.72	7.93	6.7	2.42	95.2
1334	9/12/2008 9:31	15.4	51.736	34.04	7.72	7.93	7.6	2.493	95.1
1335	9/12/2008 9:46	15.26	51.684	34	7.73	7.93	7	2.551	94.9
1336	9/12/2008 10:01	14.84	51.613	33.94	7.78	7.92	7.9	2.629	94.7
1337	9/12/2008 10:16	14.48	51.451	33.81	7.84	7.91	7.2	2.695	94.6
1338	9/12/2008 10:31	14.24	51.804	34.06	7.88	7.91	7	2.75	94.8
1339	9/12/2008 10:46	13.9	51.655	33.94	8.02	7.91	6.8	2.799	95.8
1340	9/12/2008 11:01	13.66	51.881	34.1	8.12	7.92	4.9	2.852	96.7
Mean		15.37	51.01	33.50	7.89	7.97	12.16	2.26	96.88
Minimum		11.69	45.38	29.39	6.23	7.68	1.60	0.76	75.80
Maximum		19.17	52.34	34.52	9.81	8.35	207.80	3.46	126.30
Standard Dev.		1.47	0.75	0.55	0.61	0.13	19.26	0.58	8.97

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						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	9/12/2008 11:31	13.54	51.234	33.62	8.36	7.92		2.981	98.9
1	9/12/2008 11:46	13.76	51.531	33.85	8.2	7.93	4.4	2.988	97.6
2	9/12/2008 12:01	13.5	51.494	33.81	8.27	7.93	4.7	2.989	97.9
3	9/12/2008 12:16	13.6	50.349	32.98	8.3	7.94	3.4	2.959	97.9
4	9/12/2008 12:31	14.16	50.41	33.04	8.11	7.95	3.9	2.9	96.8
5	9/12/2008 12:46	14.79	50.492	33.12	8.02	7.96	4.8	2.839	97
6	9/12/2008 13:01	14.83	50.551	33.16	8.05	7.95	5	2.779	97.4
7	9/12/2008 13:16	15.03	51.5	33.86	7.99	7.95	5.2	2.708	97.6
8	9/12/2008 13:31	15.1	50.498	33.13	8.07	7.95	4.9	2.62	98.2
9	9/12/2008 13:46	15.25	50.429	33.08	8.13	7.99	5.2	2.546	99.3
10	9/12/2008 14:01	15.48	50.542	33.17	8.11	7.99	4.9	2.477	99.6
11	9/12/2008 14:16	15.73	50.07	32.83	8.26	7.99	4.2	2.416	101.6
12	9/12/2008 14:31	15.94	50.613	33.23	8.44	8.01	4	2.345	104.5
13	9/12/2008 14:46	15.89	50.683	33.28	8.52	7.99	4	2.28	105.4
14	9/12/2008 15:01	15.89	52.05	34.29	8.59	8.02	3.5	2.232	107
15	9/12/2008 15:16	16.1	50.53	33.17	8.65	8.02	3.7	2.172	107.4
16	9/12/2008 15:31	16.16	51.803	34.11	8.66	8.03	3.5	2.113	108.3
17	9/12/2008 15:46	16.12	50.509	33.16	8.79	8.01	3.5	2.079	109.2
18	9/12/2008 16:01	16.36	50.849	33.41	8.72	8.05	3.1	2.038	109
19	9/12/2008 16:16	16.4	50.525	33.17	8.74	8.02	2.9	2.001	109.2
20	9/12/2008 16:31	16.5	51.786	34.1	8.63	8.05	2.7	1.995	108.7
21	9/12/2008 16:46	16.55	50.931	33.48	8.9	8.07	3.2	1.992	111.7
22	9/12/2008 17:01	16.58	51.767	34.09	8.87	8.07	3.1	2.001	111.8
23	9/12/2008 17:16	16.77	50.812	33.39	8.85	8.08	3.9	2.027	111.5
24	9/12/2008 17:31	16.57	51.802	34.12	8.7	8.06	3.4	2.064	109.6
25	9/12/2008 17:46	16.64	50.671	33.29	8.68	8.06	4.3	2.124	109
26	9/12/2008 18:01	16.53	51.713	34.05	8.46	8.04	4.6	2.16	106.6
27	9/12/2008 18:16	16.54	51.618	33.98	8.47	8.04	5.9	2.223	106.6
28	9/12/2008 18:31	16.42	51.776	34.09	8.35	8.03	6	2.294	104.9
29	9/12/2008 18:46	16.18	51.831	34.13	8.25	8.04	6.5	2.364	103.2
30	9/12/2008 19:01	16.02	50.655	33.26	8.21	8	5.6	2.424	101.9
31	9/12/2008 19:16	15.66	51.809	34.1	8.06	7.98	5.2	2.486	99.8
32	9/12/2008 19:31	15.29	50.684	33.27	8	7.97	5.4	2.57	97.9
33	9/12/2008 19:46	15.11	51.633	33.96	7.95	7.96	6.1	2.634	97.3
34	9/12/2008 20:01	14.88	51.587	33.92	7.93	7.95	5.4	2.7	96.6
35	9/12/2008 20:16	14.77	50.549	33.16	7.96	7.96	5.4	2.782	96.3
36	9/12/2008 20:31	14.55	50.677	33.25	8.01	7.94	5.6	2.856	96.6
37	9/12/2008 20:46	14.17	51.976	34.19	8.07	7.93	5.7	2.924	97.1
38	9/12/2008 21:01	13.75	51.929	34.14	8.16	7.94	5.1	2.996	97.3
39	9/12/2008 21:16	13.63	51.97	34.16	8.19	7.95	4.9	3.066	97.5
40	9/12/2008 21:31	13.34	51.926	34.12	8.32	7.95	5.6	3.131	98.3
41	9/12/2008 21:46	13.14	50.407	33	8.46	7.93	4.8	3.187	98.9
42	9/12/2008 22:01	12.94	51.522	33.81	8.47	7.94	4.5	3.236	99.1
43	9/12/2008 22:16	12.98	51.854	34.05	8.39	7.92	3.7	3.273	98.4
44	9/12/2008 22:31	12.77	50.369	32.96	8.49	7.94	2.8	3.305	98.4
45	9/12/2008 22:46	12.66	51.49	33.77	8.36	7.93	2.6	3.32	97.3
46	9/12/2008 23:01	12.85	51.778	33.99	8.29	8.17	3.3	3.315	97
47	9/12/2008 23:16	12.74	50.765	33.25	8.35	7.91	2.8	3.297	97
48	9/12/2008 23:31	12.84	51.526	33.81	8.32	7.94	2.8	3.256	97.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
49	9/12/2008 23:46	13.49	50.567	33.13	8.01	7.92	4.6	3.198	94.4
50	9/13/2008 0:01	13.86	52.021	34.21	7.74	7.93	6.5	3.123	92.5
51	9/13/2008 0:16	13.8	51.994	34.19	7.84	7.97	6.3	3.048	93.6
52	9/13/2008 0:31	14.34	51.725	34.01	7.65	7.94	6.5	2.953	92.2
53	9/13/2008 0:46	14.28	51.344	33.73	7.8	7.95	5.2	2.859	93.7
54	9/13/2008 1:01	14.59	51.453	33.82	7.69	7.95	5.3	2.767	93.1
55	9/13/2008 1:16	14.88	51.944	34.18	7.59	7.97	6.2	2.656	92.6
56	9/13/2008 1:31	15.26	51.701	34.02	7.73	7.99	6.2	2.552	94.9
57	9/13/2008 1:46	15.55	51.68	34.01	7.85	7.98	6.3	2.446	97
58	9/13/2008 2:01	15.69	51.742	34.06	7.93	8	6.7	2.338	98.2
59	9/13/2008 2:16	15.62	51.895	34.17	7.98	7.99	6.7	2.224	98.8
60	9/13/2008 2:31	15.61	51.693	34.02	8.06	8.02	7.3	2.107	99.6
61	9/13/2008 2:46	15.35	51.609	33.95	7.93	8	6.7	1.99	97.5
62	9/13/2008 3:01	15.15	51.656	33.98	7.82	7.98	7.4	1.874	95.8
63	9/13/2008 3:16	15.31	51.652	33.98	7.73	7.96	6.5	1.751	95
64	9/13/2008 3:31	15.35	51.494	33.87	7.72	7.98	5.4	1.642	94.9
65	9/13/2008 3:46	15.52	51.781	34.08	7.62	7.99	4.8	1.533	94
66	9/13/2008 4:01	15.69	51.654	33.99	7.63	7.97	4.4	1.431	94.4
67	9/13/2008 4:16	15.82	51.854	34.14	7.6	7.97	4	1.341	94.5
68	9/13/2008 4:31	15.96	51.792	34.1	7.66	7.99	3.6	1.28	95.4
69	9/13/2008 4:46	16.08	51.637	33.99	7.67	8.01	3.5	1.23	95.7
70	9/13/2008 5:01	16.18	51.833	34.13	7.69	7.99	2.9	1.195	96.2
71	9/13/2008 5:16	16.37	51.848	34.15	7.79	8.01	2.2	1.189	97.9
72	9/13/2008 5:31	16.05	51.701	34.03	7.66	8.01	2.9	1.207	95.6
73	9/13/2008 5:46	16.44	51.653	34	8.1	8.06	2.6	1.237	101.8
74	9/13/2008 6:01	16.36	51.523	33.91	8.12	8.05	2.7	1.28	101.8
75	9/13/2008 6:16	16.54	51.737	34.07	8.31	8.08	3.7	1.352	104.6
76	9/13/2008 6:31	16.47	51.382	33.81	8.3	8.07	3.8	1.43	104.2
77	9/13/2008 6:46	16.45	51.712	34.05	8.19	8.07	5.1	1.508	103
78	9/13/2008 7:01	16.5	51.343	33.78	8	8.06	8.1	1.601	100.5
79	9/13/2008 7:16	16.45	51.434	33.84	7.97	8.06	8.2	1.678	100
80	9/13/2008 7:31	16.19	51.65	34	7.97	8.04	6.4	1.767	99.7
81	9/13/2008 7:46	16.1	51.537	33.91	7.96	8.04	5.8	1.861	99.4
82	9/13/2008 8:01	16.08	51.627	33.98	7.96	8.04	6.2	1.947	99.3
83	9/13/2008 8:16	16.07	51.602	33.96	7.97	8.04	6.1	2.034	99.4
84	9/13/2008 8:31	15.89	51.632	33.98	7.86	8.02	6.7	2.12	97.7
85	9/13/2008 8:46	15.8	51.792	34.09	7.77	8.01	7.1	2.216	96.5
86	9/13/2008 9:01	15.63	51.603	33.95	7.72	7.99	7.5	2.296	95.4
87	9/13/2008 9:16	15.48	51.568	33.92	7.7	7.98	7.9	2.38	94.9
88	9/13/2008 9:31	15.26	51.566	33.92	7.68	7.97	8.6	2.467	94.3
89	9/13/2008 9:46	15.13	51.823	34.1	7.67	7.95	8.1	2.547	94
90	9/13/2008 10:01	15	51.552	33.9	7.69	7.96	8.3	2.637	93.8
91	9/13/2008 10:16	14.59	51.651	33.96	7.73	7.94	10	2.714	93.6
92	9/13/2008 10:31	14.36	51.759	34.03	7.77	7.93	10.2	2.788	93.7
93	9/13/2008 10:46	13.83	51.568	33.88	7.93	7.9	9.4	2.863	94.5
94	9/13/2008 11:01	13.45	51.411	33.75	8.05	7.93	9	2.928	95.2
95	9/13/2008 11:16	13.32	51.742	33.98	8.07	7.93	7.4	2.992	95.3
96	9/13/2008 11:31	13.22	51.563	33.85	8.07	7.93	6.5	3.041	95
97	9/13/2008 11:46	13.11	51.387	33.72	8.12	7.93	5.7	3.081	95.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
98	9/13/2008 12:01	13.24	51.594	33.87	8.06	7.94	4.2	3.117	94.9
99	9/13/2008 12:16	13.29	51.701	33.95	7.99	7.92	4.8	3.108	94.2
100	9/13/2008 12:31	13.17	51.73	33.97	7.99	7.92	3.7	3.099	94.1
101	9/13/2008 12:46	13.12	51.515	33.81	8.03	7.92	3.9	3.069	94.3
102	9/13/2008 13:01	13.32	51.614	33.89	8.05	7.92	4.3	3.015	95
103	9/13/2008 13:16	14.33	51.765	34.04	8.1	7.96	6	2.935	97.6
104	9/13/2008 13:31	14.13	51.464	33.81	8.27	7.97	6.1	2.853	99.1
105	9/13/2008 13:46	14.4	51.627	33.94	8.22	7.96	6.7	2.779	99.2
106	9/13/2008 14:01	14.6	51.554	33.89	8.26	7.96	6.1	2.679	100
107	9/13/2008 14:16	14.79	51.698	34	8.39	7.97	5.3	2.589	102
108	9/13/2008 14:31	15.13	51.606	33.94	8.37	8.01	5.3	2.497	102.5
109	9/13/2008 14:46	15.24	51.707	34.02	8.56	8	5.1	2.42	105.1
110	9/13/2008 15:01	15.51	51.612	33.96	8.63	8.03	4.7	2.333	106.5
111	9/13/2008 15:16	15.62	51.403	33.81	8.68	8.04	4.8	2.257	107.2
112	9/13/2008 15:31	15.69	51.621	33.97	8.87	8.05	4.5	2.185	109.9
113	9/13/2008 15:46	15.71	51.669	34	8.82	8.03	4.3	2.108	109.2
114	9/13/2008 16:01	15.78	51.486	33.87	9.12	8.06	4.2	2.046	113
115	9/13/2008 16:16	15.8	51.654	33.99	9.15	8.07	4	1.976	113.6
116	9/13/2008 16:31	15.84	51.715	34.04	9.29	8.05	3.8	1.914	115.5
117	9/13/2008 16:46	15.87	51.52	33.9	9.25	8.07	3.7	1.882	114.9
118	9/13/2008 17:01	16.03	51.846	34.14	9.21	8.05	3.1	1.847	114.9
119	9/13/2008 17:16	16.11	51.47	33.86	9.03	8.08	2.7	1.82	112.7
120	9/13/2008 17:31	15.96	51.728	34.05	9.22	8.06	3.2	1.81	114.8
121	9/13/2008 17:46	16.11	51.587	33.95	9.08	8.08	3.1	1.836	113.4
122	9/13/2008 18:01	16.21	51.639	33.99	8.98	8.08	3.3	1.869	112.3
123	9/13/2008 18:16	16.18	51.769	34.09	8.87	8.07	4.2	1.908	110.9
124	9/13/2008 18:31	16.27	51.866	34.16	8.8	8.05	4.6	1.962	110.3
125	9/13/2008 18:46	16.22	51.676	34.02	8.73	8.07	5.2	2.032	109.3
126	9/13/2008 19:01	16.26	51.451	33.85	8.65	8.06	8	2.109	108.2
127	9/13/2008 19:16	16.03	51.544	33.92	8.53	8.05	7.9	2.176	106.3
128	9/13/2008 19:31	15.91	51.62	33.97	8.45	8.03	6.6	2.258	105.1
129	9/13/2008 19:46	15.87	51.577	33.94	8.4	8.03	6.5	2.337	104.4
130	9/13/2008 20:01	15.6	51.545	33.91	8.28	8.01	5.8	2.403	102.2
131	9/13/2008 20:16	15.29	51.399	33.79	8.12	7.99	5.7	2.485	99.7
132	9/13/2008 20:31	15.1	51.814	34.09	7.98	7.98	6.3	2.555	97.7
133	9/13/2008 20:46	14.95	51.616	33.95	7.92	7.97	5.9	2.635	96.7
134	9/13/2008 21:01	14.67	51.752	34.04	7.91	7.95	6.7	2.72	96
135	9/13/2008 21:16	14.38	51.489	33.84	7.94	7.94	7.6	2.792	95.7
136	9/13/2008 21:31	14.21	51.587	33.9	7.96	7.94	7.1	2.873	95.6
137	9/13/2008 21:46	13.96	51.369	33.74	8.03	7.95	7.4	2.955	96
138	9/13/2008 22:01	13.57	51.718	33.98	8.08	7.9	8.5	3.034	95.9
139	9/13/2008 22:16	13.31	51.574	33.86	8.12	7.92	7.9	3.104	95.8
140	9/13/2008 22:31	12.91	51.744	33.97	8.15	7.88	7	3.174	95.4
141	9/13/2008 22:46	12.65	51.559	33.82	8.16	7.87	6.5	3.24	95
142	9/13/2008 23:01	12.55	51.636	33.88	8.15	7.91	5.3	3.277	94.7
143	9/13/2008 23:16	12.62	51.647	33.89	8.07	7.91	4.5	3.313	93.9
144	9/13/2008 23:31	12.44	51.46	33.74	8.04	7.9	3.1	3.342	93.1
145	9/13/2008 23:46	12.88	51.556	33.83	7.98	7.91	4	3.343	93.3
146	9/14/2008 0:01	12.58	51.562	33.82	7.99	7.89	3.4	3.32	92.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
147	9/14/2008 0:16	12.5	51.685	33.91	8.01	7.89	3.4	3.284	92.9
148	9/14/2008 0:31	13.39	51.644	33.92	7.77	7.91	5.4	3.235	91.8
149	9/14/2008 0:46	13.46	51.558	33.86	7.76	7.92	6.5	3.154	91.9
150	9/14/2008 1:01	13.76	51.619	33.91	7.69	7.92	7.4	3.057	91.6
151	9/14/2008 1:16	13.98	51.712	33.99	7.62	7.92	7	2.963	91.2
152	9/14/2008 1:31	13.91	51.705	33.98	7.73	7.9	6.4	2.861	92.4
153	9/14/2008 1:46	14.28	51.529	33.86	7.6	7.95	7.6	2.742	91.5
154	9/14/2008 2:01	14.76	51.627	33.95	7.76	7.97	7.3	2.632	94.3
155	9/14/2008 2:16	15.1	51.563	33.91	7.72	7.99	6.8	2.52	94.5
156	9/14/2008 2:31	15.17	51.592	33.93	7.68	7.99	6.8	2.402	94.1
157	9/14/2008 2:46	15.14	51.694	34.01	7.74	7.99	7.1	2.293	94.9
158	9/14/2008 3:01	15.17	51.922	34.18	7.67	8	7.5	2.169	94.1
159	9/14/2008 3:16	15.1	51.763	34.06	7.81	8	7.6	2.036	95.7
160	9/14/2008 3:31	14.96	51.253	33.68	7.74	7.99	6.8	1.934	94.3
161	9/14/2008 3:46	14.91	51.309	33.72	7.72	7.98	6.5	1.814	94
162	9/14/2008 4:01	14.99	51.701	34.01	7.69	7.98	6.4	1.68	93.9
163	9/14/2008 4:16	15.18	51.619	33.95	7.71	7.98	5.4	1.573	94.5
164	9/14/2008 4:31	15.18	51.76	34.06	7.58	7.97	5.1	1.478	92.9
165	9/14/2008 4:46	15.42	51.548	33.91	7.63	7.99	4.5	1.382	93.9
166	9/14/2008 5:01	15.5	51.716	34.03	7.66	8	4.2	1.296	94.5
167	9/14/2008 5:16	15.61	51.806	34.1	7.67	7.99	4.5	1.233	94.9
168	9/14/2008 5:31	15.71	51.585	33.94	7.76	8.02	3.6	1.21	96.1
169	9/14/2008 5:46	15.86	51.66	34	7.82	8.03	3.2	1.18	97.1
170	9/14/2008 6:01	15.79	51.746	34.06	7.7	8	2.9	1.186	95.6
171	9/14/2008 6:16	15.87	51.92	34.19	7.96	8.02	3	1.24	99
172	9/14/2008 6:31	15.84	51.761	34.07	7.96	8.02	3.5	1.28	99
173	9/14/2008 6:46	15.96	51.826	34.12	8.07	8.04	3.5	1.342	100.6
174	9/14/2008 7:01	15.92	51.69	34.02	8.1	8.05	4.2	1.434	100.8
175	9/14/2008 7:16	15.9	51.799	34.1	8.06	8.03	4.9	1.518	100.3
176	9/14/2008 7:31	15.96	51.761	34.08	7.82	8.02	8.5	1.61	97.4
177	9/14/2008 7:46	15.76	51.798	34.1	7.88	8.02	7	1.712	97.7
178	9/14/2008 8:01	15.64	51.769	34.07	7.84	8.01	6.8	1.799	97.1
179	9/14/2008 8:16	15.62	51.732	34.05	7.83	8.01	6.2	1.894	96.8
180	9/14/2008 8:31	15.62	51.873	34.15	7.82	8.01	6.1	1.99	96.8
181	9/14/2008 8:46	15.59	51.759	34.07	7.8	7.99	7.1	2.09	96.5
182	9/14/2008 9:01	15.37	51.574	33.93	7.74	8	7.1	2.178	95.2
183	9/14/2008 9:16	15.26	51.82	34.1	7.66	7.97	7.6	2.27	94.2
184	9/14/2008 9:31	15.1	51.777	34.07	7.63	7.96	8.2	2.376	93.5
185	9/14/2008 9:46	14.92	51.674	33.99	7.61	7.96	8.2	2.458	92.9
186	9/14/2008 10:01	14.82	51.61	33.94	7.61	7.95	9.2	2.544	92.5
187	9/14/2008 10:16	14.63	51.6	33.93	7.63	7.94	9.9	2.638	92.5
188	9/14/2008 10:31	14.33	51.616	33.93	7.66	7.93	11.1	2.725	92.3
189	9/14/2008 10:46	13.98	51.732	34	7.71	7.92	11.1	2.807	92.3
190	9/14/2008 11:01	13.49	51.651	33.93	7.81	7.91	11.4	2.885	92.5
191	9/14/2008 11:16	13.17	51.587	33.87	7.87	7.91	11	2.97	92.6
192	9/14/2008 11:31	12.98	51.647	33.9	7.89	7.87	9	3.036	92.5
193	9/14/2008 11:46	12.87	51.332	33.67	7.9	7.9	8.8	3.105	92.3
194	9/14/2008 12:01	12.75	51.594	33.85	7.9	7.9	7.4	3.16	92.2
195	9/14/2008 12:16	12.71	51.679	33.91	7.91	7.9	6.3	3.2	92.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
196	9/14/2008 12:31	12.65	51.569	33.83	7.83	7.86	4.9	3.229	91.1
197	9/14/2008 12:46	13.06	51.617	33.88	7.86	7.88	5.1	3.23	92.3
198	9/14/2008 13:01	12.65	51.513	33.79	7.8	7.89	4.4	3.215	90.7
199	9/14/2008 13:16	12.66	51.665	33.9	7.83	7.89	4.4	3.171	91.1
200	9/14/2008 13:31	13.4	51.713	33.97	7.87	7.9	5.2	3.107	93
201	9/14/2008 13:46	13.77	51.589	33.89	8.06	7.91	6.5	3.03	96
202	9/14/2008 14:01	13.85	51.672	33.95	8.07	7.93	8.4	2.927	96.3
203	9/14/2008 14:16	14.08	51.714	33.99	8.11	7.93	7.3	2.837	97.3
204	9/14/2008 14:31	14.23	51.613	33.92	8.2	7.95	6.4	2.732	98.6
205	9/14/2008 14:46	14.6	51.717	34.01	8.2	7.96	6.5	2.625	99.4
206	9/14/2008 15:01	15.04	51.888	34.15	8.28	7.98	6.5	2.528	101.3
207	9/14/2008 15:16	15.25	51.705	34.02	8.36	7.99	6.3	2.427	102.7
208	9/14/2008 15:31	15.38	51.604	33.95	8.45	8.03	6	2.332	104
209	9/14/2008 15:46	15.24	51.761	34.06	8.44	8	5.4	2.229	103.6
210	9/14/2008 16:01	15.38	51.804	34.09	8.61	8.01	4.6	2.135	106.1
211	9/14/2008 16:16	15.31	51.842	34.12	8.53	8	4.8	2.047	105
212	9/14/2008 16:31	15.34	51.54	33.9	8.88	8.02	4.4	1.945	109.1
213	9/14/2008 16:46	15.3	51.557	33.91	8.87	8.04	3.8	1.87	108.9
214	9/14/2008 17:01	15.25	51.404	33.8	9.14	8.05	3.8	1.781	112
215	9/14/2008 17:16	15.28	51.739	34.04	9.14	8.04	3.8	1.706	112.3
216	9/14/2008 17:31	15.6	51.652	33.99	8.86	8.06	3.1	1.662	109.5
217	9/14/2008 17:46	15.41	51.621	33.96	9.09	8.06	2.9	1.621	111.9
218	9/14/2008 18:01	15.35	51.606	33.95	9.33	8.06	3	1.619	114.8
219	9/14/2008 18:16	15.28	51.66	33.99	9.27	8.04	4	1.593	113.9
220	9/14/2008 18:31	15.73	51.693	34.02	9.1	8.06	3.1	1.639	112.8
221	9/14/2008 18:46	15.79	51.752	34.07	9	8.05	3.2	1.686	111.8
222	9/14/2008 19:01	16.1	51.821	34.12	9.07	8.07	3.2	1.73	113.3
223	9/14/2008 19:16	16.03	51.924	34.2	8.98	8.06	3.8	1.81	112.1
224	9/14/2008 19:31	16.14	51.655	34	8.82	8.05	6.8	1.895	110.2
225	9/14/2008 19:46	16.28	51.883	34.17	8.79	8.05	8.8	1.987	110.2
226	9/14/2008 20:01	15.91	51.652	33.99	8.69	8.03	7.4	2.065	108
227	9/14/2008 20:16	15.77	51.709	34.03	8.62	8.04	6.3	2.155	107
228	9/14/2008 20:31	15.72	51.737	34.05	8.57	8.02	5.7	2.234	106.3
229	9/14/2008 20:46	15.37	51.753	34.06	8.3	7.99	6.2	2.315	102.2
230	9/14/2008 21:01	15.12	51.705	34.02	8.08	7.97	5.9	2.403	98.9
231	9/14/2008 21:16	14.98	51.746	34.04	7.98	7.97	6.5	2.482	97.4
232	9/14/2008 21:31	14.81	51.779	34.06	7.92	7.93	7	2.567	96.4
233	9/14/2008 21:46	14.51	51.776	34.05	7.9	7.94	8.1	2.655	95.5
234	9/14/2008 22:01	14.28	51.695	33.98	7.91	7.94	7.6	2.736	95.2
235	9/14/2008 22:16	14.24	51.58	33.9	7.89	7.94	8.7	2.819	94.9
236	9/14/2008 22:31	13.96	51.706	33.98	7.91	7.9	10.3	2.905	94.6
237	9/14/2008 22:46	13.56	51.708	33.97	7.9	7.88	9.8	2.986	93.8
238	9/14/2008 23:01	13.35	51.781	34.02	7.88	7.87	8.9	3.062	93.1
239	9/14/2008 23:16	12.89	51.424	33.74	7.87	7.85	8.4	3.136	92
240	9/14/2008 23:31	12.63	51.706	33.93	7.86	7.84	6.8	3.203	91.4
241	9/14/2008 23:46	12.63	51.601	33.85	7.83	7.84	6.7	3.258	91.1
242	9/15/2008 0:01	12.53	51.592	33.84	7.83	7.88	5	3.301	90.9
243	9/15/2008 0:16	12.56	51.571	33.83	7.77	7.84	4.6	3.33	90.3
244	9/15/2008 0:31	12.91	51.7	33.94	7.68	7.88	4.7	3.343	89.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
245	9/15/2008 0:46	12.64	51.64	33.88	7.73	7.87	3.9	3.33	90
246	9/15/2008 1:01	12.53	51.778	33.98	7.79	7.84	4.3	3.282	90.5
247	9/15/2008 1:16	12.91	51.647	33.9	7.7	7.85	5.4	3.226	90.2
248	9/15/2008 1:31	13.09	51.565	33.85	7.64	7.85	6.7	3.145	89.7
249	9/15/2008 1:46	13.5	51.683	33.95	7.57	7.89	7.4	3.057	89.7
250	9/15/2008 2:01	13.56	51.537	33.84	7.56	7.87	7.8	2.946	89.7
251	9/15/2008 2:16	13.57	51.838	34.07	7.58	7.87	7.1	2.833	90.1
252	9/15/2008 2:31	14.15	51.584	33.9	7.61	7.91	8.1	2.714	91.4
253	9/15/2008 2:46	14.58	51.74	34.03	7.55	7.94	7.4	2.615	91.4
254	9/15/2008 3:01	14.94	51.819	34.1	7.53	7.95	7.1	2.5	92
255	9/15/2008 3:16	14.95	51.746	34.04	7.66	7.94	7	2.376	93.5
256	9/15/2008 3:31	14.85	51.675	33.99	7.64	7.97	6	2.268	93
257	9/15/2008 3:46	14.9	51.872	34.13	7.67	7.94	6.5	2.15	93.6
258	9/15/2008 4:01	14.81	51.656	33.97	7.56	7.94	7.8	2.029	92
259	9/15/2008 4:16	14.58	51.618	33.94	7.49	7.92	7.3	1.904	90.8
260	9/15/2008 4:31	14.45	51.724	34.01	7.48	7.9	5.9	1.798	90.4
261	9/15/2008 4:46	14.6	51.738	34.03	7.42	7.93	5.7	1.692	89.9
262	9/15/2008 5:01	14.74	51.805	34.08	7.52	7.92	5.2	1.567	91.4
263	9/15/2008 5:16	14.89	51.684	33.99	7.49	7.93	4.6	1.467	91.3
264	9/15/2008 5:31	14.96	51.715	34.02	7.5	7.92	4.7	1.391	91.5
265	9/15/2008 5:46	15.12	51.947	34.19	7.51	7.94	4	1.332	92
266	9/15/2008 6:01	15.27	51.842	34.12	7.55	7.97	3.5	1.27	92.7
267	9/15/2008 6:16	15.35	51.722	34.03	7.55	7.95	3.1	1.259	92.9
268	9/15/2008 6:31	15.2	51.803	34.09	7.48	7.94	3.7	1.276	91.8
269	9/15/2008 6:46	15.44	51.887	34.16	7.77	7.97	3.1	1.292	95.8
270	9/15/2008 7:01	15.67	51.901	34.17	7.91	8.01	2.9	1.355	98.1
271	9/15/2008 7:16	15.79	51.918	34.19	8.09	8.02	3.4	1.414	100.5
272	9/15/2008 7:31	15.75	51.959	34.22	8.09	8.01	3.3	1.498	100.4
273	9/15/2008 7:46	15.64	51.901	34.17	8	8	4.4	1.603	99.1
274	9/15/2008 8:01	15.73	51.704	34.03	7.83	7.99	7.9	1.697	97.1
275	9/15/2008 8:16	15.63	51.766	34.07	7.8	7.98	8.1	1.781	96.6
276	9/15/2008 8:31	15.37	51.732	34.04	7.73	7.97	7.3	1.883	95.1
277	9/15/2008 8:46	15.27	51.685	34	7.7	7.97	6.6	1.994	94.6
278	9/15/2008 9:01	15.28	51.534	33.89	7.74	7.97	6.3	2.085	95
279	9/15/2008 9:16	15.23	51.695	34.01	7.73	7.98	6.5	2.175	94.8
280	9/15/2008 9:31	15.1	51.687	34	7.69	7.96	6.8	2.277	94.2
281	9/15/2008 9:46	14.93	51.575	33.91	7.63	7.95	8.2	2.372	93.1
282	9/15/2008 10:01	14.73	51.552	33.89	7.59	7.95	9.4	2.47	92.2
283	9/15/2008 10:16	14.57	51.682	33.98	7.59	7.93	9.1	2.553	91.9
284	9/15/2008 10:31	14.45	51.75	34.03	7.6	7.9	9.8	2.651	91.8
285	9/15/2008 10:46	14.18	51.663	33.96	7.59	7.91	12.2	2.749	91.1
286	9/15/2008 11:01	13.86	51.615	33.91	7.6	7.9	12.3	2.842	90.7
287	9/15/2008 11:16	13.44	51.376	33.72	7.65	7.89	13.9	2.932	90.4
288	9/15/2008 11:31	12.99	51.502	33.8	7.69	7.88	12.7	3.019	90
289	9/15/2008 11:46	12.95	51.467	33.77	7.7	7.88	10.4	3.108	90.1
290	9/15/2008 12:01	12.76	51.744	33.96	7.71	7.84	9.9	3.19	90
291	9/15/2008 12:16	12.66	51.772	33.98	7.71	7.83	8.9	3.249	89.8
292	9/15/2008 12:31	12.6	51.56	33.82	7.73	7.83	5.9	3.301	89.8
293	9/15/2008 12:46	12.76	51.617	33.87	7.72	7.85	5.1	3.345	90

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
294	9/15/2008 13:01	12.59	51.696	33.92	7.69	7.84	4.4	3.364	89.5
295	9/15/2008 13:16	12.74	51.565	33.83	7.71	7.84	5.1	3.35	89.8
296	9/15/2008 13:31	12.67	51.71	33.93	7.68	7.83	4.4	3.322	89.4
297	9/15/2008 13:46	12.63	51.625	33.87	7.74	7.84	5.1	3.265	90.1
298	9/15/2008 14:01	12.96	51.443	33.75	7.81	7.88	5.7	3.19	91.4
299	9/15/2008 14:16	13.47	51.545	33.85	8	7.91	7.5	3.098	94.7
300	9/15/2008 14:31	13.64	51.672	33.95	8.05	7.9	8.4	2.99	95.7
301	9/15/2008 14:46	13.68	51.705	33.97	8.13	7.9	7.5	2.875	96.7
302	9/15/2008 15:01	13.91	51.515	33.84	8.09	7.93	8.5	2.767	96.7
303	9/15/2008 15:16	14.47	51.534	33.87	8.32	7.96	7.3	2.654	100.5
304	9/15/2008 15:31	14.96	51.436	33.81	8.49	8	7.2	2.543	103.5
305	9/15/2008 15:46	15.19	51.62	33.95	8.66	8	6.9	2.429	106.2
306	9/15/2008 16:01	15.15	51.595	33.93	8.75	8	5.9	2.319	107.1
307	9/15/2008 16:16	15.3	51.713	34.03	8.88	8.02	6.7	2.216	109.2
308	9/15/2008 16:31	15.22	51.618	33.95	8.9	8.01	6.5	2.099	109.2
309	9/15/2008 16:46	15.26	51.738	34.04	9.02	8.03	6.2	1.985	110.8
310	9/15/2008 17:01	15.19	51.63	33.96	8.89	8.01	4.9	1.888	109
311	9/15/2008 17:16	15.28	51.671	33.99	9.06	8.03	4.3	1.772	111.2
312	9/15/2008 17:31	15.29	51.62	33.96	9.18	8.02	4.4	1.684	112.7
313	9/15/2008 17:46	15.4	51.701	34.02	9.09	8.03	3.9	1.597	112
314	9/15/2008 18:01	15.4	51.462	33.84	9.13	8.06	3.8	1.516	112.3
315	9/15/2008 18:16	15.41	51.646	33.98	8.96	8.03	3.4	1.471	110.4
316	9/15/2008 18:31	15.55	51.693	34.02	9.05	8.03	3.3	1.435	111.8
317	9/15/2008 18:46	15.66	51.708	34.03	9.18	8.06	3.2	1.426	113.6
318	9/15/2008 19:01	15.69	51.691	34.02	9.24	8.06	4	1.432	114.5
319	9/15/2008 19:16	15.86	51.891	34.17	9.31	8.07	3.1	1.465	115.8
320	9/15/2008 19:31	15.9	51.76	34.07	9.23	8.06	3.1	1.524	114.8
321	9/15/2008 19:46	16.12	51.832	34.13	9.45	8.09	3.7	1.586	118.1
322	9/15/2008 20:01	16.01	51.796	34.1	9.35	8.07	4.3	1.671	116.6
323	9/15/2008 20:16	16.24	51.544	33.92	8.99	8.07	8.1	1.781	112.5
324	9/15/2008 20:31	16.14	51.812	34.12	8.91	8.04	9.2	1.875	111.4
325	9/15/2008 20:46	15.77	51.689	34.02	8.87	8.01	7.1	1.962	110.1
326	9/15/2008 21:01	15.72	51.769	34.08	8.84	8.01	6.3	2.056	109.6
327	9/15/2008 21:16	15.7	51.719	34.04	8.86	8.03	6	2.15	109.7
328	9/15/2008 21:31	15.4	51.82	34.11	8.56	8	6.3	2.237	105.4
329	9/15/2008 21:46	15.23	51.753	34.05	8.31	7.96	6.2	2.333	102
330	9/15/2008 22:01	15.1	51.725	34.03	8.21	7.97	7.8	2.42	100.5
331	9/15/2008 22:16	14.88	51.698	34	8.13	7.96	7.9	2.51	99.1
332	9/15/2008 22:31	14.59	51.721	34.01	8.06	7.92	8.9	2.598	97.7
333	9/15/2008 22:46	14.49	51.347	33.74	8.02	7.94	9.8	2.684	96.8
334	9/15/2008 23:01	14.24	51.588	33.91	8.01	7.94	9.9	2.77	96.3
335	9/15/2008 23:16	13.92	51.376	33.74	7.99	7.92	11.7	2.862	95.3
336	9/15/2008 23:31	13.63	51.306	33.68	7.92	7.91	11.3	2.95	93.9
337	9/15/2008 23:46	13.11	51.56	33.84	7.9	7.89	9.3	3.033	92.8
338	9/16/2008 0:01	13	51.535	33.82	7.9	7.89	8.4	3.113	92.6
339	9/16/2008 0:16	12.96	51.588	33.86	7.88	7.85	7.2	3.19	92.3
340	9/16/2008 0:31	12.87	51.626	33.88	7.88	7.85	6.1	3.25	92.2
341	9/16/2008 0:46	12.78	51.584	33.85	7.87	7.89	4.7	3.298	91.8
342	9/16/2008 1:01	12.93	51.326	33.67	7.81	7.89	4.9	3.338	91.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
343	9/16/2008 1:16	13.32	51.497	33.81	7.7	7.89	4.8	3.348	90.8
344	9/16/2008 1:31	13.06	51.387	33.71	7.68	7.89	4.5	3.332	90.1
345	9/16/2008 1:46	13.19	51.535	33.83	7.77	7.89	4.7	3.298	91.4
346	9/16/2008 2:01	13.21	51.417	33.74	7.73	7.89	6.4	3.238	91
347	9/16/2008 2:16	13.13	51.503	33.8	7.69	7.89	7	3.144	90.3
348	9/16/2008 2:31	13.47	51.563	33.86	7.67	7.89	9.2	3.047	90.8
349	9/16/2008 2:46	13.53	51.351	33.71	7.63	7.9	7.3	2.949	90.4
350	9/16/2008 3:01	13.64	51.422	33.76	7.7	7.91	7.6	2.827	91.4
351	9/16/2008 3:16	14	51.528	33.85	7.66	7.91	8.2	2.722	91.6
352	9/16/2008 3:31	14.42	51.595	33.92	7.69	7.93	7.6	2.616	92.8
353	9/16/2008 3:46	14.77	51.384	33.77	7.61	7.95	7.1	2.488	92.4
354	9/16/2008 4:01	14.84	51.41	33.79	7.59	7.96	6.7	2.39	92.3
355	9/16/2008 4:16	14.83	51.755	34.04	7.63	7.94	6.1	2.274	92.9
356	9/16/2008 4:31	14.85	51.75	34.04	7.59	7.94	6.9	2.166	92.4
357	9/16/2008 4:46	14.72	51.512	33.86	7.61	7.95	6.5	2.052	92.4
358	9/16/2008 5:01	14.68	51.641	33.96	7.48	7.92	7.8	1.934	90.8
359	9/16/2008 5:16	14.66	51.563	33.9	7.48	7.91	6.5	1.832	90.7
360	9/16/2008 5:31	14.67	51.799	34.07	7.55	7.93	5.8	1.719	91.7
361	9/16/2008 5:46	14.76	51.812	34.08	7.58	7.91	4.6	1.628	92.2
362	9/16/2008 6:01	14.83	51.702	34.01	7.57	7.93	4.8	1.546	92.2
363	9/16/2008 6:16	14.81	52.058	34.27	7.42	7.93	4.6	1.473	90.5
364	9/16/2008 6:31	15.07	51.401	33.79	7.63	7.95	4.2	1.434	93.2
365	9/16/2008 6:46	15.19	51.722	34.03	7.65	7.95	4	1.395	93.8
366	9/16/2008 7:01	15.23	51.703	34.02	7.58	7.94	3.4	1.395	93
367	9/16/2008 7:16	15.26	51.6	33.94	7.67	7.94	3.5	1.413	94.1
368	9/16/2008 7:31	15.33	51.676	34	7.86	7.97	3.1	1.464	96.6
369	9/16/2008 7:46	15.47	51.802	34.09	7.94	7.98	3.5	1.541	98
370	9/16/2008 8:01	15.47	51.934	34.19	8	7.98	3.9	1.612	98.8
371	9/16/2008 8:16	15.41	51.702	34.02	7.97	7.98	5	1.708	98.1
372	9/16/2008 8:31	15.46	51.728	34.04	7.75	7.96	9.2	1.824	95.5
373	9/16/2008 8:46	15.21	51.76	34.06	7.7	7.95	8.7	1.916	94.4
374	9/16/2008 9:01	15.13	51.626	33.96	7.69	7.94	7.2	2.008	94.1
375	9/16/2008 9:16	15.13	51.616	33.95	7.71	7.95	6.8	2.105	94.4
376	9/16/2008 9:31	15.07	51.916	34.17	7.73	7.94	6.8	2.199	94.6
377	9/16/2008 9:46	14.94	51.515	33.87	7.74	7.95	6.8	2.301	94.4
378	9/16/2008 10:01	14.81	51.737	34.03	7.72	7.94	7.5	2.384	94
379	9/16/2008 10:16	14.59	51.676	33.98	7.7	7.92	8.6	2.481	93.3
380	9/16/2008 10:31	14.48	51.68	33.98	7.67	7.9	9.6	2.578	92.7
381	9/16/2008 10:46	14.29	51.694	33.98	7.68	7.92	10.7	2.672	92.5
382	9/16/2008 11:01	14.1	51.635	33.93	7.68	7.89	11.6	2.77	92.1
383	9/16/2008 11:16	13.78	51.559	33.87	7.7	7.88	12.2	2.868	91.7
384	9/16/2008 11:31	13.46	51.713	33.97	7.74	7.87	12.3	2.966	91.7
385	9/16/2008 11:46	13.11	51.558	33.84	7.82	7.88	10.9	3.064	91.9
386	9/16/2008 12:01	12.94	51.627	33.89	7.84	7.88	11.9	3.153	91.8
387	9/16/2008 12:16	12.82	51.614	33.87	7.85	7.88	10.7	3.243	91.7
388	9/16/2008 12:31	12.74	51.563	33.83	7.87	7.88	8.4	3.327	91.8
389	9/16/2008 12:46	12.68	51.604	33.86	7.87	7.88	7.7	3.388	91.6
390	9/16/2008 13:01	12.7	51.562	33.83	7.87	7.88	6.5	3.442	91.6
391	9/16/2008 13:16	12.78	51.468	33.76	7.88	7.88	4.9	3.485	91.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
392	9/16/2008 13:31	12.98	51.444	33.75	7.9	7.88	4.8	3.492	92.4
393	9/16/2008 13:46	12.79	51.64	33.89	7.78	7.88	4.2	3.484	90.8
394	9/16/2008 14:01	12.89	51.513	33.8	7.8	7.88	4.3	3.451	91.2
395	9/16/2008 14:16	12.87	51.568	33.84	7.89	7.89	4.8	3.389	92.2
396	9/16/2008 14:31	13	51.537	33.82	7.97	7.86	6.3	3.307	93.4
397	9/16/2008 14:46	13.15	51.63	33.9	8	7.87	6.6	3.206	94.1
398	9/16/2008 15:01	13.37	51.62	33.9	8.06	7.88	6.9	3.104	95.2
399	9/16/2008 15:16	13.32	51.655	33.92	8.06	7.88	6.8	2.988	95.2
400	9/16/2008 15:31	13.58	51.405	33.75	8.04	7.91	7.1	2.861	95.3
401	9/16/2008 15:46	14.13	51.729	34	8.05	7.91	7.6	2.737	96.6
402	9/16/2008 16:01	14.47	51.657	33.96	8.14	7.93	6.4	2.614	98.4
403	9/16/2008 16:16	14.52	51.63	33.94	8.14	7.93	6.5	2.503	98.5
404	9/16/2008 16:31	14.66	51.728	34.02	8.22	7.96	6.2	2.371	99.8
405	9/16/2008 16:46	14.64	51.765	34.05	8.26	7.96	5.6	2.262	100.2
406	9/16/2008 17:01	14.59	51.537	33.88	8.29	7.97	4.8	2.135	100.3
407	9/16/2008 17:16	14.59	51.526	33.87	8.37	7.97	5.3	1.996	101.3
408	9/16/2008 17:31	14.46	51.45	33.81	8.33	7.94	4.8	1.9	100.6
409	9/16/2008 17:46	14.5	51.451	33.81	8.28	7.96	4.5	1.767	100
410	9/16/2008 18:01	14.56	51.48	33.84	8.31	7.95	4.4	1.643	100.5
411	9/16/2008 18:16	14.63	51.637	33.95	8.26	7.95	4.4	1.538	100.1
412	9/16/2008 18:31	14.73	51.77	34.05	8.25	7.98	4.1	1.431	100.3
413	9/16/2008 18:46	14.87	51.516	33.87	8.22	7.95	4.1	1.365	100
414	9/16/2008 19:01	14.93	51.663	33.98	8.25	7.97	4	1.293	100.7
415	9/16/2008 19:16	15.12	51.838	34.11	8.21	7.96	4	1.261	100.6
416	9/16/2008 19:31	14.93	51.505	33.86	8.24	7.96	3.7	1.272	100.5
417	9/16/2008 19:46	15.01	51.645	33.97	8.28	7.97	3.6	1.279	101.2
418	9/16/2008 20:01	15.19	51.788	34.08	8.28	7.97	3.3	1.326	101.6
419	9/16/2008 20:16	15.36	51.927	34.18	8.38	7.99	3.7	1.391	103.2
420	9/16/2008 20:31	15.5	51.834	34.12	8.51	8.01	4	1.461	105
421	9/16/2008 20:46	15.43	51.599	33.94	8.47	8	5.1	1.566	104.3
422	9/16/2008 21:01	15.48	51.666	33.99	8.26	7.98	7.2	1.668	101.9
423	9/16/2008 21:16	15.36	51.644	33.98	8.17	7.98	7.1	1.75	100.5
424	9/16/2008 21:31	15.21	51.584	33.93	8.14	7.97	7.1	1.853	99.8
425	9/16/2008 21:46	15.12	51.515	33.88	8.19	7.97	6	1.946	100.1
426	9/16/2008 22:01	15.17	51.722	34.03	8.17	7.96	6.4	2.046	100.2
427	9/16/2008 22:16	15.15	51.706	34.02	8.17	7.96	6.1	2.136	100.1
428	9/16/2008 22:31	15.06	51.658	33.98	8.13	7.95	6	2.227	99.4
429	9/16/2008 22:46	14.92	51.75	34.04	8.05	7.94	7	2.33	98.2
430	9/16/2008 23:01	14.75	51.675	33.98	8.01	7.92	7.6	2.414	97.4
431	9/16/2008 23:16	14.58	51.714	34.01	7.97	7.92	9.1	2.504	96.6
432	9/16/2008 23:31	14.46	51.368	33.75	7.96	7.93	7.6	2.583	96
433	9/16/2008 23:46	14.29	51.721	34	7.92	7.93	9.3	2.687	95.4
434	9/17/2008 0:01	14.08	51.726	34	7.91	7.92	10.6	2.771	94.9
435	9/17/2008 0:16	13.85	51.707	33.98	7.89	7.91	10.4	2.844	94.2
436	9/17/2008 0:31	13.43	51.43	33.76	7.93	7.87	10.4	2.942	93.8
437	9/17/2008 0:46	13.32	51.337	33.69	7.94	7.9	8.9	3.022	93.6
438	9/17/2008 1:01	13.21	51.402	33.73	7.93	7.9	7.4	3.092	93.3
439	9/17/2008 1:16	13.18	51.446	33.76	7.93	7.9	6.5	3.15	93.2
440	9/17/2008 1:31	13.11	51.555	33.84	7.93	7.87	6	3.213	93.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
441	9/17/2008 1:46	13.29	51.648	33.92	7.8	7.9	4.5	3.248	92
442	9/17/2008 2:01	13.86	51.587	33.89	7.19	7.85	7.7	3.258	85.8
443	9/17/2008 2:16	13.41	51.508	33.82	7.7	7.86	5.3	3.251	91
444	9/17/2008 2:31	13.37	51.602	33.88	7.75	7.89	5	3.227	91.5
445	9/17/2008 2:46	13.93	51.646	33.94	7.48	7.88	7.9	3.174	89.4
446	9/17/2008 3:01	13.57	51.676	33.95	7.65	7.86	7.8	3.094	90.8
447	9/17/2008 3:16	13.63	51.695	33.96	7.64	7.87	8	3.006	90.7
448	9/17/2008 3:31	13.98	51.283	33.67	7.54	7.9	8	2.921	90
449	9/17/2008 3:46	13.87	51.418	33.77	7.57	7.9	8	2.806	90.2
450	9/17/2008 4:01	13.9	51.478	33.81	7.57	7.87	7.6	2.7	90.3
451	9/17/2008 4:16	14.11	51.544	33.87	7.49	7.87	7.6	2.598	89.8
452	9/17/2008 4:31	14.42	51.655	33.96	7.33	7.9	6.4	2.491	88.5
453	9/17/2008 4:46	14.55	51.645	33.96	7.29	7.89	5.9	2.398	88.2
454	9/17/2008 5:01	14.57	51.473	33.83	7.08	7.89	7	2.294	85.7
455	9/17/2008 5:16	14.55	51.626	33.94	7.13	7.88	6.7	2.19	86.3
456	9/17/2008 5:31	14.51	51.494	33.84	7.35	7.9	5.5	2.091	88.8
457	9/17/2008 5:46	14.51	51.563	33.89	7.22	7.9	6.4	2.007	87.3
458	9/17/2008 6:01	14.48	51.737	34.02	7.2	7.87	6.5	1.902	87.1
459	9/17/2008 6:16	14.39	51.498	33.84	7.29	7.87	5.5	1.81	87.9
460	9/17/2008 6:31	14.47	50.902	33.41	7.38	7.91	4.4	1.739	88.9
461	9/17/2008 6:46	14.37	50.947	33.44	7.24	7.89	4.6	1.676	87
462	9/17/2008 7:01	14.49	51.314	33.71	7.27	7.9	4	1.611	87.8
463	9/17/2008 7:16	14.56	51.434	33.8	7.24	7.88	4.2	1.582	87.6
464	9/17/2008 7:31	14.58	51.169	33.61	7.14	7.9	3.4	1.585	86.2
465	9/17/2008 7:46	14.5	51.101	33.56	7.18	7.89	4.3	1.591	86.6
466	9/17/2008 8:01	14.73	51.41	33.79	7.35	7.93	3.3	1.615	89.2
467	9/17/2008 8:16	14.76	51.152	33.6	7.43	7.93	3.2	1.673	90.1
468	9/17/2008 8:31	14.9	51.376	33.77	7.49	7.94	3.8	1.756	91.2
469	9/17/2008 8:46	14.89	51.13	33.59	7.51	7.94	4.6	1.833	91.3
470	9/17/2008 9:01	14.81	50.928	33.44	7.52	7.94	5.5	1.923	91.2
471	9/17/2008 9:16	14.7	51.062	33.53	7.41	7.92	6.5	2.031	89.7
472	9/17/2008 9:31	14.57	50.821	33.35	7.39	7.91	7.1	2.125	89.1
473	9/17/2008 9:46	14.54	51.04	33.51	7.46	7.92	5.7	2.214	90
474	9/17/2008 10:01	14.53	50.755	33.3	7.5	7.92	6.7	2.308	90.3
475	9/17/2008 10:16	14.51	51.034	33.51	7.52	7.92	6.4	2.401	90.7
476	9/17/2008 10:31	14.41	51.001	33.48	7.57	7.89	6.5	2.496	91.1
477	9/17/2008 10:46	14.27	51.221	33.64	7.58	7.91	7.5	2.59	91
478	9/17/2008 11:01	14.13	50.846	33.36	7.61	7.9	8.9	2.678	91
479	9/17/2008 11:16	13.98	50.902	33.39	7.64	7.9	10.6	2.78	91.1
480	9/17/2008 11:31	13.85	51.004	33.46	7.67	7.9	10.7	2.886	91.3
481	9/17/2008 11:46	13.61	51.144	33.56	7.74	7.89	12.3	2.98	91.7
482	9/17/2008 12:01	13.34	51.181	33.57	7.84	7.89	11.4	3.081	92.3
483	9/17/2008 12:16	13.17	50.872	33.34	7.9	7.89	9.6	3.185	92.6
484	9/17/2008 12:31	12.93	50.947	33.39	7.98	7.89	9.2	3.278	93.1
485	9/17/2008 12:46	12.89	50.748	33.24	8.01	7.89	8.2	3.363	93.3
486	9/17/2008 13:01	12.83	50.797	33.27	8.03	7.9	7	3.446	93.4
487	9/17/2008 13:16	12.78	50.747	33.24	8.05	7.9	5.7	3.508	93.6
488	9/17/2008 13:31	12.81	50.646	33.16	8.04	7.9	4.8	3.573	93.5
489	9/17/2008 13:46	13.28	50.955	33.41	8.01	7.91	4.1	3.602	94.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
490	9/17/2008 14:01	13.19	50.882	33.35	7.92	7.9	3.4	3.613	92.9
491	9/17/2008 14:16	12.97	50.665	33.18	7.96	7.9	4.3	3.61	92.9
492	9/17/2008 14:31	13.34	50.675	33.21	7.87	7.9	4.5	3.563	92.5
493	9/17/2008 14:46	13.15	51.002	33.44	8.03	7.9	4.5	3.494	94.1
494	9/17/2008 15:01	13.12	50.831	33.31	8.14	7.91	4.4	3.418	95.3
495	9/17/2008 15:16	13.31	51.263	33.63	8.13	7.92	4.9	3.317	95.8
496	9/17/2008 15:31	13.4	51.306	33.67	8.21	7.92	4.6	3.204	96.9
497	9/17/2008 15:46	13.41	51.258	33.63	8.14	7.89	4.8	3.085	96
498	9/17/2008 16:01	13.56	51.053	33.49	8.04	7.92	6.7	2.961	95.1
499	9/17/2008 16:16	13.91	51.47	33.81	8.04	7.93	6.2	2.836	96
500	9/17/2008 16:31	14.14	51.328	33.71	8.04	7.93	5.9	2.716	96.3
501	9/17/2008 16:46	14.32	51	33.48	8.11	7.94	5.9	2.588	97.4
502	9/17/2008 17:01	14.42	51.229	33.65	8.13	7.95	5.3	2.463	97.9
503	9/17/2008 17:16	14.33	51.002	33.48	8.24	7.95	4.9	2.341	99
504	9/17/2008 17:31	14.22	51.039	33.5	8.25	7.95	5.1	2.208	98.9
505	9/17/2008 17:46	14.18	51.24	33.65	8.33	7.95	5.8	2.078	99.9
506	9/17/2008 18:01	14.22	51.195	33.62	8.41	7.96	6	1.944	100.9
507	9/17/2008 18:16	14.27	51.15	33.58	8.47	7.96	5.7	1.82	101.8
508	9/17/2008 18:31	14.3	50.94	33.43	8.42	7.97	5.4	1.691	101.1
509	9/17/2008 18:46	14.42	51.343	33.73	8.32	7.94	5.1	1.556	100.3
510	9/17/2008 19:01	14.44	51.234	33.65	8.28	7.96	4.9	1.446	99.8
511	9/17/2008 19:16	14.48	51.336	33.73	8.21	7.96	4.9	1.331	99
512	9/17/2008 19:31	14.55	51.484	33.84	8.18	7.93	4.3	1.251	98.9
513	9/17/2008 19:46	14.66	51.031	33.51	8.16	7.96	4.6	1.197	98.7
514	9/17/2008 20:01	14.69	51.391	33.77	8.15	7.95	4.4	1.149	98.8
515	9/17/2008 20:16	14.53	51.355	33.74	8.15	7.93	5.4	1.148	98.4
516	9/17/2008 20:31	14.76	51.235	33.66	8.23	7.97	4.2	1.176	99.8
517	9/17/2008 20:46	14.62	51.446	33.81	8.24	7.96	4.8	1.213	99.7
518	9/17/2008 21:01	14.86	50.783	33.33	8.27	7.97	3.9	1.275	100.3
519	9/17/2008 21:16	15	51.523	33.88	8.28	7.96	3.5	1.367	101.1
520	9/17/2008 21:31	15.04	51.411	33.8	8.27	7.98	4.5	1.458	101
521	9/17/2008 21:46	15.06	51.189	33.64	8.16	7.96	5.8	1.549	99.6
522	9/17/2008 22:01	15.06	51.145	33.6	8	7.96	7.4	1.648	97.6
523	9/17/2008 22:16	14.79	51.257	33.68	8.08	7.94	6.2	1.742	98.1
524	9/17/2008 22:31	14.68	51.268	33.68	8.09	7.95	5.5	1.839	98
525	9/17/2008 22:46	14.72	51.489	33.85	8.03	7.92	5.5	1.933	97.5
526	9/17/2008 23:01	14.77	51.457	33.82	8.02	7.95	5.4	2.022	97.4
527	9/17/2008 23:16	14.79	51.485	33.85	8.02	7.95	5.5	2.125	97.4
528	9/17/2008 23:31	14.72	51.171	33.61	7.97	7.94	5.6	2.207	96.5
529	9/17/2008 23:46	14.7	51.056	33.53	7.91	7.94	5.9	2.3	95.8
530	9/18/2008 0:01	14.64	51.359	33.75	7.87	7.91	6.2	2.391	95.3
531	9/18/2008 0:16	14.53	50.707	33.27	7.88	7.93	7	2.479	94.9
532	9/18/2008 0:31	14.46	50.836	33.36	7.83	7.92	7.4	2.569	94.2
533	9/18/2008 0:46	14.29	50.747	33.29	7.85	7.92	7.9	2.649	94.1
534	9/18/2008 1:01	14.15	51.278	33.67	7.84	7.88	9.5	2.738	94
535	9/18/2008 1:16	13.88	51.383	33.74	7.86	7.91	8.7	2.812	93.8
536	9/18/2008 1:31	13.56	50.622	33.17	7.98	7.91	7.4	2.891	94.2
537	9/18/2008 1:46	13.51	50.782	33.29	7.99	7.91	7.5	2.957	94.3
538	9/18/2008 2:01	13.43	51.375	33.72	7.98	7.9	5.9	3.023	94.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
539	9/18/2008 2:16	13.37	51.269	33.64	7.99	7.9	5.8	3.082	94.2
540	9/18/2008 2:31	13.31	51.038	33.47	8.02	7.9	4.9	3.116	94.3
541	9/18/2008 2:46	13.53	51.44	33.77	7.59	7.89	5.4	3.145	89.9
542	9/18/2008 3:01	13.8	50.884	33.37	7.62	7.9	5.4	3.148	90.5
543	9/18/2008 3:16	13.97	50.974	33.45	7.48	7.89	6.7	3.129	89.2
544	9/18/2008 3:31	14.23	51.313	33.7	7.08	7.87	8.5	3.091	85.1
545	9/18/2008 3:46	14.08	51.257	33.66	7.39	7.89	8.4	3.02	88.4
546	9/18/2008 4:01	13.93	50.868	33.37	7.54	7.89	7.2	2.95	89.7
547	9/18/2008 4:16	14.29	50.995	33.47	7.29	7.89	8.4	2.862	87.5
548	9/18/2008 4:31	14.22	50.935	33.43	7.34	7.88	7.8	2.762	88
549	9/18/2008 4:46	14.12	50.811	33.33	7.42	7.88	6.7	2.664	88.6
550	9/18/2008 5:01	14.23	51.279	33.68	7.36	7.88	6.5	2.564	88.4
551	9/18/2008 5:16	14.33	50.771	33.31	7.32	7.9	5.4	2.475	87.9
552	9/18/2008 5:31	14.42	50.771	33.31	7.17	7.88	6.3	2.386	86.3
553	9/18/2008 5:46	14.47	51.219	33.64	7.24	7.89	5.6	2.293	87.3
554	9/18/2008 6:01	14.5	50.841	33.36	7.18	7.89	5.4	2.209	86.6
555	9/18/2008 6:16	14.49	50.876	33.39	7.08	7.88	6	2.127	85.3
556	9/18/2008 6:31	14.45	51.272	33.68	7.06	7.88	5.5	2.043	85.1
557	9/18/2008 6:46	14.39	51.395	33.77	7.05	7.87	6.3	1.964	85
558	9/18/2008 7:01	14.35	51.011	33.49	6.98	7.87	6	1.898	83.9
559	9/18/2008 7:16	14.13	51.128	33.56	6.93	7.85	5.9	1.829	83
560	9/18/2008 7:31	14.25	50.893	33.4	7.01	7.86	5.2	1.784	84
561	9/18/2008 7:46	14.28	50.854	33.37	7.07	7.87	4.2	1.762	84.8
562	9/18/2008 8:01	14.24	51.362	33.74	6.98	7.86	3.2	1.738	83.8
563	9/18/2008 8:16	14.27	51.002	33.48	7.03	7.86	4.4	1.751	84.4
564	9/18/2008 8:31	14.39	50.844	33.36	7.16	7.88	4	1.784	86
565	9/18/2008 8:46	14.46	51.501	33.85	7.22	7.89	3.9	1.824	87.2
566	9/18/2008 9:01	14.55	50.804	33.34	7.36	7.9	3.8	1.883	88.8
567	9/18/2008 9:16	14.62	51.115	33.57	7.42	7.91	4.2	1.965	89.7
568	9/18/2008 9:31	14.62	51.443	33.81	7.44	7.91	4.6	2.041	90.1
569	9/18/2008 9:46	14.53	51.329	33.72	7.39	7.9	6	2.125	89.3
570	9/18/2008 10:01	14.42	51.009	33.49	7.34	7.89	6.3	2.216	88.3
571	9/18/2008 10:16	14.4	50.801	33.33	7.4	7.89	5.8	2.299	88.9
572	9/18/2008 10:31	14.38	51.386	33.76	7.44	7.89	6.1	2.386	89.6
573	9/18/2008 10:46	14.39	50.983	33.47	7.51	7.9	6.7	2.482	90.3
574	9/18/2008 11:01	14.31	51.336	33.72	7.58	7.9	6.1	2.56	91.2
575	9/18/2008 11:16	14.26	51.354	33.73	7.63	7.9	7.1	2.652	91.7
576	9/18/2008 11:31	14.14	50.932	33.42	7.71	7.9	7	2.74	92.2
577	9/18/2008 11:46	13.98	50.854	33.36	7.78	7.9	8.4	2.84	92.8
578	9/18/2008 12:01	13.84	51.026	33.48	7.84	7.9	9.6	2.938	93.2
579	9/18/2008 12:16	13.69	51.07	33.51	7.91	7.9	10	3.027	93.8
580	9/18/2008 12:31	13.54	51.122	33.54	8	7.91	10.2	3.133	94.7
581	9/18/2008 12:46	13.36	51.06	33.49	8.12	7.91	9.5	3.23	95.7
582	9/18/2008 13:01	13.23	51.02	33.45	8.21	7.88	7.6	3.318	96.4
583	9/18/2008 13:16	13.17	50.451	33.04	8.29	7.92	6.2	3.402	97
584	9/18/2008 13:31	13.19	50.481	33.06	8.29	7.92	6.4	3.483	97
585	9/18/2008 13:46	13.16	51.068	33.49	8.28	7.92	5.2	3.547	97.1
586	9/18/2008 14:01	13.23	50.29	32.92	8.26	7.92	3.8	3.59	96.7
587	9/18/2008 14:16	13.36	50.402	33.01	8.31	7.93	3.2	3.632	97.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
588	9/18/2008 14:31	13.51	51.193	33.59	8.25	7.89	4	3.648	97.5
589	9/18/2008 14:46	13.54	50.602	33.16	8.21	7.92	3.4	3.639	96.8
590	9/18/2008 15:01	13.39	50.603	33.15	8.21	7.92	4	3.6	96.5
591	9/18/2008 15:16	13.65	50.519	33.1	8.28	7.92	3.7	3.545	97.9
592	9/18/2008 15:31	13.63	50.628	33.18	8.39	7.93	4.9	3.474	99.2
593	9/18/2008 15:46	13.85	50.528	33.12	8.56	7.95	5.1	3.382	101.6
594	9/18/2008 16:01	14.1	50.526	33.12	8.73	7.95	4.9	3.269	104.2
595	9/18/2008 16:16	14.06	50.972	33.45	8.72	7.92	4.3	3.151	104.2
596	9/18/2008 16:31	14.2	51.043	33.5	8.63	7.93	5.6	3.044	103.5
597	9/18/2008 16:46	14.32	51.181	33.61	8.63	7.92	5.6	2.925	103.7
598	9/18/2008 17:01	14.81	51.293	33.7	8.71	7.95	6.1	2.79	105.8
599	9/18/2008 17:16	15.03	50.971	33.47	8.87	7.96	5.6	2.67	108.1
600	9/18/2008 17:31	15.05	51.106	33.57	8.99	7.96	5.6	2.552	109.6
601	9/18/2008 17:46	15.04	50.809	33.36	9.07	7.99	5.2	2.422	110.4
602	9/18/2008 18:01	15.04	50.689	33.27	9.11	8	4.9	2.292	110.9
603	9/18/2008 18:16	15.08	50.649	33.24	9.28	8.01	5	2.162	113
604	9/18/2008 18:31	15.03	51.038	33.52	9.23	8.01	5.1	2.034	112.5
605	9/18/2008 18:46	14.95	50.524	33.14	9.18	8	4.5	1.897	111.5
606	9/18/2008 19:01	14.89	50.838	33.37	9.04	7.97	4.9	1.758	109.8
607	9/18/2008 19:16	14.85	51.223	33.65	8.86	7.98	5.2	1.623	107.7
608	9/18/2008 19:31	14.94	51.25	33.68	8.8	7.98	5.2	1.502	107.1
609	9/18/2008 19:46	15.21	51.186	33.64	8.81	7.99	4.9	1.363	107.8
610	9/18/2008 20:01	15.17	50.434	33.08	8.85	7.99	4.8	1.256	107.9
611	9/18/2008 20:16	15.24	50.624	33.22	8.79	7.99	4.9	1.185	107.4
612	9/18/2008 20:31	15.32	51.022	33.52	8.78	7.99	5	1.11	107.7
613	9/18/2008 20:46	15.44	51.182	33.64	8.89	8	4.2	1.07	109.3
614	9/18/2008 21:01	15.41	50.673	33.26	8.78	7.99	4.3	1.076	107.7
615	9/18/2008 21:16	15.23	51.387	33.78	8.75	7.97	4.6	1.087	107.2
616	9/18/2008 21:31	15.56	50.622	33.23	9.03	8.01	3.4	1.141	111.1
617	9/18/2008 21:46	15.62	51.236	33.68	9.15	8.02	3.5	1.199	112.9
618	9/18/2008 22:01	15.93	50.673	33.27	9.55	8.06	3.5	1.277	118.3
619	9/18/2008 22:16	15.84	51.051	33.55	9.46	8.05	4.3	1.369	117.2
620	9/18/2008 22:31	16.23	50.478	33.14	8.89	8	7.4	1.452	110.7
621	9/18/2008 22:46	16.23	50.641	33.26	8.75	7.98	7.3	1.533	109
622	9/18/2008 23:01	16.02	51.063	33.56	8.86	7.99	9	1.615	110.2
623	9/18/2008 23:16	15.81	50.614	33.23	8.95	7.99	5.7	1.724	110.6
624	9/18/2008 23:31	15.73	50.731	33.31	8.96	7.99	5.3	1.802	110.6
625	9/18/2008 23:46	15.74	50.529	33.17	9.03	8	5.2	1.887	111.4
626	9/19/2008 0:01	15.64	51.259	33.7	8.99	8	4.9	1.988	111
627	9/19/2008 0:16	15.52	51.098	33.58	8.86	7.99	5.2	2.071	109.1
628	9/19/2008 0:31	15.5	51.196	33.65	8.77	7.98	4.9	2.158	108
629	9/19/2008 0:46	15.47	51.201	33.65	8.7	7.98	5.7	2.254	107.1
630	9/19/2008 1:01	15.41	51.233	33.68	8.62	7.97	6.3	2.335	105.9
631	9/19/2008 1:16	15.27	50.744	33.31	8.56	7.96	6.2	2.423	104.7
632	9/19/2008 1:31	15.23	51.121	33.59	8.48	7.95	6.7	2.5	103.8
633	9/19/2008 1:46	15.04	51.048	33.53	8.47	7.95	6.6	2.579	103.2
634	9/19/2008 2:01	14.89	50.613	33.21	8.45	7.95	8.1	2.654	102.5
635	9/19/2008 2:16	14.81	51.02	33.5	8.4	7.94	6.5	2.723	101.9
636	9/19/2008 2:31	14.49	50.935	33.43	8.42	7.94	7.2	2.783	101.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
637	9/19/2008 2:46	14.26	50.957	33.44	8.46	7.94	6.2	2.85	101.4
638	9/19/2008 3:01	14.17	50.435	33.06	8.46	7.94	5.7	2.899	101.1
639	9/19/2008 3:16	14.11	50.613	33.19	8.44	7.94	4.9	2.937	100.8
640	9/19/2008 3:31	14.1	50.896	33.39	8.36	7.94	4.3	2.98	100
641	9/19/2008 3:46	14.79	50.815	33.35	7.95	7.93	7.1	2.997	96.3
642	9/19/2008 4:01	14.56	51.253	33.67	8.09	7.93	4.5	3	97.8
643	9/19/2008 4:16	14.49	51.078	33.54	8.18	7.93	5.2	2.979	98.6
644	9/19/2008 4:31	14.38	51.136	33.58	8.11	7.93	5.6	2.953	97.6
645	9/19/2008 4:46	14.69	51.382	33.77	7.84	7.93	7.5	2.89	95
646	9/19/2008 5:01	14.49	50.775	33.32	7.88	7.92	8.5	2.826	94.9
647	9/19/2008 5:16	14.37	51.482	33.83	7.55	7.9	8.9	2.738	91
648	9/19/2008 5:31	14.49	51.596	33.92	7.76	7.91	7.3	2.669	93.8
649	9/19/2008 5:46	14.59	51.279	33.69	7.9	7.92	7.4	2.589	95.5
650	9/19/2008 6:01	14.62	51.025	33.5	7.84	7.92	6.7	2.495	94.8
651	9/19/2008 6:16	14.71	51.254	33.67	7.76	7.92	6	2.404	94.1
652	9/19/2008 6:31	14.74	51.599	33.93	7.7	7.92	6	2.342	93.6
653	9/19/2008 6:46	14.79	51.58	33.91	7.75	7.92	5.7	2.273	94.2
654	9/19/2008 7:01	14.87	51.186	33.63	7.78	7.92	4.8	2.2	94.5
655	9/19/2008 7:16	14.83	51.519	33.87	7.79	7.92	5	2.138	94.8
656	9/19/2008 7:31	14.74	51.541	33.89	7.73	7.91	4.5	2.077	93.9
657	9/19/2008 7:46	14.73	51.531	33.88	7.72	7.91	4.3	2.026	93.7
658	9/19/2008 8:01	14.62	51.495	33.85	7.66	7.9	4.3	1.978	92.7
659	9/19/2008 8:16	14.72	51.535	33.88	7.66	7.91	3.8	1.957	93
660	9/19/2008 8:31	14.78	51.565	33.9	7.7	7.91	3.2	1.925	93.6
661	9/19/2008 8:46	14.89	51.51	33.87	7.61	7.89	2.6	1.918	92.7
662	9/19/2008 9:01	14.74	51.515	33.87	7.7	7.91	3.6	1.949	93.5
663	9/19/2008 9:16	14.91	50.689	33.26	7.86	7.92	3.2	1.967	95.5
664	9/19/2008 9:31	14.96	51.201	33.64	7.94	7.93	3.3	2.007	96.7
665	9/19/2008 9:46	15.02	50.596	33.2	8.05	7.94	3.7	2.064	97.9
666	9/19/2008 10:01	15.03	51.274	33.7	8.07	7.94	3.9	2.127	98.5
667	9/19/2008 10:16	14.99	50.85	33.38	8.08	7.94	4.4	2.2	98.4
668	9/19/2008 10:31	14.91	50.742	33.3	8.02	7.93	5.2	2.281	97.3
669	9/19/2008 10:46	14.81	50.878	33.4	7.95	7.93	5.2	2.355	96.4
670	9/19/2008 11:01	14.73	50.79	33.33	7.97	7.93	5.1	2.425	96.5
671	9/19/2008 11:16	14.7	50.985	33.48	8.02	7.93	5.3	2.507	97.1
672	9/19/2008 11:31	14.68	50.986	33.48	8.1	7.93	6.3	2.599	98
673	9/19/2008 11:46	14.6	50.909	33.42	8.2	7.93	5.8	2.668	99
674	9/19/2008 12:01	14.46	51.041	33.51	8.27	7.94	6.2	2.752	99.6
675	9/19/2008 12:16	14.39	51.023	33.49	8.31	7.94	6.5	2.852	99.9
676	9/19/2008 12:31	14.27	51.246	33.65	8.34	7.93	7	2.93	100.1
677	9/19/2008 12:46	14.14	51.293	33.69	8.37	7.91	7.4	3.024	100.3
678	9/19/2008 13:01	13.95	51.164	33.58	8.41	7.94	9.3	3.114	100.3
679	9/19/2008 13:16	13.88	51.16	33.58	8.47	7.91	7.9	3.207	100.9
680	9/19/2008 13:31	13.87	51.161	33.58	8.49	7.95	7.4	3.289	101.1
681	9/19/2008 13:46	13.58	51.245	33.63	8.53	7.91	7.1	3.375	101
682	9/19/2008 14:01	13.59	51.079	33.51	8.51	7.92	6	3.444	100.8
683	9/19/2008 14:16	13.45	51.052	33.48	8.53	7.95	4.7	3.513	100.7
684	9/19/2008 14:31	13.42	50.751	33.26	8.54	7.95	4.1	3.561	100.6
685	9/19/2008 14:46	13.45	50.822	33.32	8.51	7.95	3.5	3.6	100.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
686	9/19/2008 15:01	13.48	50.761	33.27	8.44	7.95	4	3.627	99.6
687	9/19/2008 15:16	13.71	50.766	33.29	8.48	7.95	3.6	3.624	100.5
688	9/19/2008 15:31	13.56	50.948	33.41	8.4	7.94	3.2	3.61	99.4
689	9/19/2008 15:46	13.69	50.249	32.91	8.53	7.95	3.2	3.568	100.8
690	9/19/2008 16:01	13.99	50.942	33.42	8.57	7.96	3.8	3.502	102.2
691	9/19/2008 16:16	13.9	50.942	33.42	8.65	7.96	4.2	3.423	103
692	9/19/2008 16:31	14.08	50.891	33.39	8.77	7.97	4.4	3.336	104.8
693	9/19/2008 16:46	14.28	50.317	32.97	8.88	7.98	4.5	3.227	106.3
694	9/19/2008 17:01	14.23	50.974	33.45	8.76	7.96	4.2	3.121	105
695	9/19/2008 17:16	14.33	50.307	32.97	8.75	7.97	5.4	3.008	104.8
696	9/19/2008 17:31	14.66	51.019	33.5	8.84	7.98	4.6	2.885	106.9
697	9/19/2008 17:46	14.83	50.133	32.86	8.94	7.98	5.2	2.767	108.1
698	9/19/2008 18:01	15.08	50.533	33.15	9.01	7.99	4.5	2.663	109.7
699	9/19/2008 18:16	15.09	51.019	33.51	8.93	7.99	4.6	2.531	108.9
700	9/19/2008 18:31	15.13	50.936	33.45	8.96	7.99	4.5	2.405	109.4
701	9/19/2008 18:46	14.98	51.084	33.56	8.84	7.98	4.9	2.285	107.6
702	9/19/2008 19:01	14.96	50.846	33.38	8.86	7.98	4.4	2.155	107.7
703	9/19/2008 19:16	14.98	50.904	33.42	8.81	7.99	4.6	2.014	107.2
704	9/19/2008 19:31	14.85	50.968	33.47	8.68	7.96	4.7	1.883	105.3
705	9/19/2008 19:46	14.85	50.998	33.49	8.48	7.93	5.4	1.761	103
706	9/19/2008 20:01	14.9	50.801	33.35	8.41	7.92	5.4	1.628	102.1
707	9/19/2008 20:16	14.92	50.801	33.35	8.33	7.95	5.3	1.496	101.2
708	9/19/2008 20:31	15.1	50.943	33.46	8.39	7.95	5	1.385	102.4
709	9/19/2008 20:46	15.2	50.797	33.35	8.46	7.96	4.2	1.279	103.4
710	9/19/2008 21:01	15.27	50.968	33.48	8.48	7.94	4.3	1.191	103.8
711	9/19/2008 21:16	15.3	49.956	32.74	8.48	7.96	4.5	1.113	103.5
712	9/19/2008 21:31	15.36	50.709	33.29	8.43	7.96	4	1.077	103.2
713	9/19/2008 21:46	15.54	49.609	32.49	8.59	7.98	3.9	1.056	105.1
714	9/19/2008 22:01	15.22	50.846	33.39	8.32	7.95	4.1	1.071	101.7
715	9/19/2008 22:16	15.33	50.812	33.37	8.47	7.95	3.7	1.107	103.8
716	9/19/2008 22:31	15.38	49.949	32.73	8.59	7.97	3.4	1.151	104.9
717	9/19/2008 22:46	15.65	50.889	33.43	8.84	8	3.1	1.217	109
718	9/19/2008 23:01	15.75	51.077	33.57	9.02	7.99	3.1	1.294	111.5
719	9/19/2008 23:16	15.66	50.727	33.31	8.95	8.01	3.7	1.378	110.4
720	9/19/2008 23:31	15.76	50.59	33.21	8.63	7.98	5.2	1.431	106.5
721	9/19/2008 23:46	15.78	50.805	33.37	8.53	7.97	6.1	1.527	105.4
722	9/20/2008 0:01	15.59	50.759	33.33	8.58	7.97	5.2	1.62	105.6
723	9/20/2008 0:16	15.53	50.852	33.4	8.6	7.97	4.9	1.678	105.7
724	9/20/2008 0:31	15.47	50.849	33.39	8.57	7.96	4.6	1.77	105.3
725	9/20/2008 0:46	15.47	50.799	33.36	8.6	7.98	4.6	1.854	105.6
726	9/20/2008 1:01	15.48	49.754	32.59	8.68	7.98	5	1.947	106.1
727	9/20/2008 1:16	15.47	50.729	33.31	8.72	7.98	4.7	2.028	107.1
728	9/20/2008 1:31	15.41	50.895	33.43	8.65	7.95	4.8	2.115	106.2
729	9/20/2008 1:46	15.39	50.516	33.15	8.65	7.98	4.5	2.201	105.9
730	9/20/2008 2:01	15.39	50.739	33.31	8.61	7.96	4.6	2.279	105.6
731	9/20/2008 2:16	15.36	50.921	33.45	8.59	7.94	5.4	2.36	105.3
732	9/20/2008 2:31	15.28	49.784	32.61	8.59	7.97	5.1	2.431	104.6
733	9/20/2008 2:46	15.19	50.928	33.45	8.52	7.96	5.1	2.5	104.2
734	9/20/2008 3:01	15.11	50.877	33.41	8.51	7.93	5.5	2.572	103.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
735	9/20/2008 3:16	14.98	49.757	32.58	8.55	7.96	5.1	2.627	103.5
736	9/20/2008 3:31	14.88	50.617	33.21	8.49	7.95	5.2	2.691	103
737	9/20/2008 3:46	14.59	50.617	33.2	8.5	7.95	4.8	2.743	102.5
738	9/20/2008 4:01	14.56	50.912	33.42	8.44	7.92	4.6	2.789	101.8
739	9/20/2008 4:16	14.47	50.849	33.37	8.45	7.92	4.3	2.829	101.8
740	9/20/2008 4:31	14.38	50.809	33.34	8.4	7.92	3.7	2.857	101
741	9/20/2008 4:46	14.76	50.742	33.3	8.03	7.93	2.8	2.877	97.2
742	9/20/2008 5:01	14.58	50.596	33.19	8.26	7.94	3.3	2.872	99.5
743	9/20/2008 5:16	14.76	50.918	33.43	8.21	7.95	3.9	2.859	99.4
744	9/20/2008 5:31	14.66	50.797	33.34	8.2	7.94	4.5	2.826	99.1
745	9/20/2008 5:46	14.88	50.991	33.49	7.92	7.9	6.2	2.778	96.2
746	9/20/2008 6:01	14.87	51.057	33.53	7.55	7.9	7.3	2.717	91.7
747	9/20/2008 6:16	14.85	51.042	33.52	7.39	7.86	7.3	2.655	89.7
748	9/20/2008 6:31	14.89	50.973	33.47	7.62	7.87	6.5	2.593	92.6
749	9/20/2008 6:46	14.93	50.926	33.44	7.54	7.89	6.5	2.52	91.7
750	9/20/2008 7:01	15.05	50.985	33.49	7.8	7.91	5.2	2.456	95
751	9/20/2008 7:16	15.1	51.19	33.64	7.64	7.9	5.2	2.401	93.3
752	9/20/2008 7:31	15.16	51.023	33.52	7.62	7.88	4.3	2.34	93.1
753	9/20/2008 7:46	15.21	50.856	33.39	7.68	7.89	4.7	2.293	93.9
754	9/20/2008 8:01	15.2	50.857	33.4	7.68	7.89	4.7	2.242	93.9
755	9/20/2008 8:16	15.16	49.165	32.16	7.78	7.9	4.3	2.203	94.2
756	9/20/2008 8:31	15.22	49.344	32.29	7.85	7.92	3.6	2.166	95.3
757	9/20/2008 8:46	15.22	49.654	32.51	7.67	7.88	3.5	2.137	93.3
758	9/20/2008 9:01	15.21	49.255	32.22	7.72	7.91	3.2	2.112	93.7
759	9/20/2008 9:16	15.25	49.576	32.46	7.71	7.88	2.4	2.097	93.7
760	9/20/2008 9:31	15.19	49.434	32.35	7.67	7.88	3.7	2.104	93.1
761	9/20/2008 9:46	15.24	49.382	32.32	7.78	7.91	3.6	2.119	94.5
762	9/20/2008 10:01	15.26	49.266	32.23	7.83	7.91	3.4	2.127	95.1
763	9/20/2008 10:16	15.31	50.65	33.25	7.92	7.93	3.4	2.163	96.9
764	9/20/2008 10:31	15.36	51.483	33.86	8.07	7.91	3.5	2.218	99.2
765	9/20/2008 10:46	15.36	50.924	33.45	8.13	7.91	3.6	2.273	99.7
766	9/20/2008 11:01	15.33	50.201	32.92	8.19	7.94	4.5	2.328	100.1
767	9/20/2008 11:16	15.28	50.337	33.02	8.18	7.91	4.5	2.39	99.9
768	9/20/2008 11:31	15.13	50.355	33.03	8.11	7.92	4.5	2.466	98.8
769	9/20/2008 11:46	15.03	50.884	33.41	8.11	7.9	4.9	2.529	98.8
770	9/20/2008 12:01	14.99	50.547	33.16	8.21	7.91	4.6	2.591	99.7
771	9/20/2008 12:16	14.9	50.229	32.93	8.31	7.91	4.6	2.667	100.6
772	9/20/2008 12:31	14.76	50.061	32.8	8.41	7.92	4.9	2.742	101.5
773	9/20/2008 12:46	14.67	49.816	32.62	8.5	7.92	4.5	2.82	102.2
774	9/20/2008 13:01	14.61	49.72	32.55	8.53	7.92	4.9	2.891	102.4
775	9/20/2008 13:16	14.46	49.578	32.44	8.57	7.95	5.4	2.974	102.6
776	9/20/2008 13:31	14.29	49.823	32.61	8.58	7.92	6.1	3.061	102.4
777	9/20/2008 13:46	14.2	51.182	33.61	8.55	7.92	6.3	3.134	102.6
778	9/20/2008 14:01	14.09	51.187	33.61	8.56	7.95	5.9	3.217	102.5
779	9/20/2008 14:16	14	49.76	32.56	8.66	7.96	5.7	3.295	102.7
780	9/20/2008 14:31	13.93	49.646	32.47	8.67	7.96	5.2	3.365	102.7
781	9/20/2008 14:46	13.8	49.596	32.43	8.67	7.93	5.1	3.429	102.4
782	9/20/2008 15:01	13.81	49.625	32.46	8.67	7.93	4	3.486	102.5
783	9/20/2008 15:16	13.72	49.623	32.45	8.65	7.93	3.4	3.524	102

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
784	9/20/2008 15:31	13.76	49.427	32.31	8.63	7.96	3.2	3.559	101.7
785	9/20/2008 15:46	13.82	49.679	32.49	8.6	7.93	2.6	3.573	101.7
786	9/20/2008 16:01	13.98	49.474	32.35	8.62	7.96	3.2	3.574	102.1
787	9/20/2008 16:16	13.75	49.273	32.2	8.58	7.96	2.7	3.56	101.1
788	9/20/2008 16:31	13.86	49.743	32.54	8.54	7.96	3.7	3.516	101
789	9/20/2008 16:46	13.98	49.304	32.23	8.66	7.97	3.4	3.461	102.5
790	9/20/2008 17:01	14.37	49.391	32.3	8.85	7.98	3.2	3.401	105.6
791	9/20/2008 17:16	14.65	49.221	32.19	9.1	7.99	4.5	3.313	109.1
792	9/20/2008 17:31	14.74	49.282	32.23	9.18	7.99	4.6	3.22	110.4
793	9/20/2008 17:46	14.9	49.26	32.22	9.23	8.01	4.8	3.129	111.3
794	9/20/2008 18:01	14.9	48.891	31.95	9.27	8.01	4.6	3.025	111.6
795	9/20/2008 18:16	15.01	49.432	32.35	9.24	8	5.1	2.918	111.8
796	9/20/2008 18:31	15.4	49.65	32.52	9.44	8	4.6	2.812	115.1
797	9/20/2008 18:46	15.69	49.328	32.29	9.67	8.03	5.3	2.702	118.5
798	9/20/2008 19:01	15.78	49.37	32.32	9.72	8.01	4.2	2.588	119.4
799	9/20/2008 19:16	15.65	49.479	32.4	9.63	8.02	4.1	2.472	118
800	9/20/2008 19:31	15.76	51.393	33.8	9.59	8	4.5	2.345	118.8
801	9/20/2008 19:46	15.72	50.916	33.45	9.58	8	5.3	2.238	118.3
802	9/20/2008 20:01	15.65	51.253	33.7	9.39	8.02	4.3	2.117	116
803	9/20/2008 20:16	15.58	50.135	32.87	9.3	8.02	4.5	1.99	114.1
804	9/20/2008 20:31	15.4	51.125	33.6	9.12	8.01	4.5	1.866	112
805	9/20/2008 20:46	15.31	51.044	33.53	8.85	7.99	4.8	1.755	108.5
806	9/20/2008 21:01	15.44	51.226	33.67	8.77	7.98	4.6	1.619	107.9
807	9/20/2008 21:16	15.56	51.363	33.77	8.76	7.96	4.8	1.5	108.1
808	9/20/2008 21:31	15.65	51.537	33.9	8.8	7.96	4.6	1.386	108.9
809	9/20/2008 21:46	15.89	51.31	33.74	8.87	7.97	4.6	1.297	110.1
810	9/20/2008 22:01	15.86	51.638	33.98	8.85	7.96	4	1.219	110
811	9/20/2008 22:16	15.93	51.384	33.8	8.88	7.96	3.8	1.158	110.3
812	9/20/2008 22:31	16.01	51.456	33.85	8.93	7.99	3.5	1.116	111.1
813	9/20/2008 22:46	16.3	51.56	33.93	9.12	7.99	3.6	1.12	114.2
814	9/20/2008 23:01	15.94	51.473	33.86	8.78	7.96	4	1.124	109.1
815	9/20/2008 23:16	16.21	51.379	33.8	9.16	8.01	3.2	1.136	114.4
816	9/20/2008 23:31	16.36	51.534	33.91	9.32	8.03	2.6	1.192	116.8
817	9/20/2008 23:46	16.45	51.578	33.95	9.52	8.02	2.7	1.24	119.6
818	9/21/2008 0:01	16.5	51.599	33.97	9.78	8.04	2.9	1.308	123
819	9/21/2008 0:16	16.43	51.357	33.79	9.72	8.04	3	1.384	122
820	9/21/2008 0:31	16.75	51.29	33.74	9.05	7.98	6.3	1.447	114.2
821	9/21/2008 0:46	16.75	51.271	33.73	8.99	7.98	6.2	1.517	113.5
822	9/21/2008 1:01	16.64	51.284	33.74	9.22	8	5.6	1.593	116.2
823	9/21/2008 1:16	16.4	51.359	33.79	9.27	8	4.8	1.662	116.2
824	9/21/2008 1:31	16.32	51.326	33.76	9.26	8	4.6	1.727	116
825	9/21/2008 1:46	16.26	51.459	33.86	9.29	8	4.2	1.814	116.3
826	9/21/2008 2:01	16.26	51.563	33.94	9.31	7.99	4.2	1.89	116.5
827	9/21/2008 2:16	16.16	51.59	33.95	9.35	7.99	4.2	1.966	116.8
828	9/21/2008 2:31	16.08	51.356	33.78	9.29	7.98	4	2.042	115.7
829	9/21/2008 2:46	16.04	51.381	33.8	9.22	8	3.8	2.117	114.8
830	9/21/2008 3:01	16.02	51.692	34.03	9.15	7.98	4.1	2.198	114.1
831	9/21/2008 3:16	15.98	51.542	33.91	9.11	7.97	4.1	2.268	113.4
832	9/21/2008 3:31	15.91	50.91	33.45	9.08	8	4.2	2.342	112.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
833	9/21/2008 3:46	15.8	51.393	33.8	9.04	7.99	4.3	2.403	112
834	9/21/2008 4:01	15.73	51.309	33.74	9.01	7.98	4.2	2.471	111.5
835	9/21/2008 4:16	15.7	51.176	33.64	8.99	7.98	4.2	2.526	111.1
836	9/21/2008 4:31	15.61	51.166	33.63	8.97	7.98	4.1	2.575	110.7
837	9/21/2008 4:46	15.46	51.371	33.78	8.95	7.98	3.5	2.628	110.2
838	9/21/2008 5:01	15.41	51.303	33.73	8.91	7.98	3.8	2.683	109.5
839	9/21/2008 5:16	15.16	51.302	33.72	8.88	7.97	3.7	2.716	108.7
840	9/21/2008 5:31	15.14	51.459	33.84	8.8	7.97	3.5	2.745	107.6
841	9/21/2008 5:46	14.99	50.658	33.24	8.77	7.97	3.4	2.768	106.7
842	9/21/2008 6:01	15.37	51.281	33.71	8.48	7.96	2.7	2.795	104.2
843	9/21/2008 6:16	15.23	51.236	33.67	8.64	7.97	3.1	2.788	105.8
844	9/21/2008 6:31	15.36	50.727	33.3	8.61	7.97	3.6	2.768	105.5
845	9/21/2008 6:46	15.2	51.305	33.72	8.64	7.97	4.4	2.749	105.8
846	9/21/2008 7:01	15.39	51.272	33.7	8.46	7.96	4.7	2.713	103.9
847	9/21/2008 7:16	15.5	51.513	33.88	8.31	7.92	5.8	2.665	102.5
848	9/21/2008 7:31	15.5	51.504	33.88	8.24	7.92	5.4	2.608	101.6
849	9/21/2008 7:46	15.47	51.215	33.66	8.16	7.93	4.9	2.567	100.4
850	9/21/2008 8:01	15.46	51.521	33.89	8.1	7.93	4.8	2.497	99.8
851	9/21/2008 8:16	15.47	51.469	33.85	8.11	7.93	4.3	2.453	99.9
852	9/21/2008 8:31	15.5	51.472	33.85	7.97	7.93	4.7	2.407	98.2
853	9/21/2008 8:46	15.49	51.346	33.76	7.96	7.93	3.9	2.36	98.1
854	9/21/2008 9:01	15.51	51.703	34.02	7.98	7.9	3.8	2.321	98.5
855	9/21/2008 9:16	15.66	51.26	33.7	8.11	7.94	3.4	2.286	100.2
856	9/21/2008 9:31	15.65	51.453	33.84	8.15	7.94	3.6	2.267	100.8
857	9/21/2008 9:46	15.72	51.624	33.97	8.15	7.91	2.6	2.244	101
858	9/21/2008 10:01	15.78	51.583	33.94	8.29	7.95	2.1	2.235	102.8
859	9/21/2008 10:16	15.81	51.566	33.93	8.17	7.92	1.8	2.23	101.3
860	9/21/2008 10:31	15.85	51.448	33.84	8.34	7.95	2.4	2.232	103.5
861	9/21/2008 10:46	15.92	51.411	33.82	8.51	7.94	2.3	2.257	105.7
862	9/21/2008 11:01	15.87	51.565	33.93	8.46	7.93	2.6	2.273	105
863	9/21/2008 11:16	15.87	51.356	33.78	8.55	7.94	2.7	2.306	106.2
864	9/21/2008 11:31	15.83	51.462	33.85	8.59	7.96	3.1	2.346	106.5
865	9/21/2008 11:46	15.75	51.547	33.91	8.59	7.96	3.2	2.394	106.5
866	9/21/2008 12:01	15.76	51.305	33.74	8.65	7.97	3.5	2.447	107.1
867	9/21/2008 12:16	15.74	51.206	33.66	8.65	7.97	3.7	2.488	107
868	9/21/2008 12:31	15.64	51.184	33.64	8.63	7.97	3.8	2.556	106.6
869	9/21/2008 12:46	15.53	51.358	33.77	8.66	7.96	3.8	2.619	106.8
870	9/21/2008 13:01	15.35	51.516	33.88	8.72	7.94	3.8	2.669	107.2
871	9/21/2008 13:16	15.07	51.18	33.63	8.81	7.97	4.2	2.737	107.5
872	9/21/2008 13:31	15.01	51.047	33.53	8.85	7.98	3.4	2.808	107.8
873	9/21/2008 13:46	14.82	51.074	33.54	8.86	7.98	3.8	2.874	107.5
874	9/21/2008 14:01	14.8	51.23	33.66	8.88	7.98	4	2.935	107.8
875	9/21/2008 14:16	14.71	51.241	33.66	8.9	7.98	3.9	3.012	107.8
876	9/21/2008 14:31	14.62	51.171	33.61	8.91	7.98	3.7	3.083	107.7
877	9/21/2008 14:46	14.55	51.21	33.64	8.89	7.98	3.8	3.145	107.4
878	9/21/2008 15:01	14.46	51.212	33.64	8.88	7.98	3.7	3.212	107
879	9/21/2008 15:16	14.3	51.213	33.63	8.87	7.94	3.7	3.273	106.6
880	9/21/2008 15:31	14.22	51.268	33.67	8.83	7.94	3.4	3.325	106
881	9/21/2008 15:46	14.16	51.112	33.55	8.82	7.94	3.2	3.383	105.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
882	9/21/2008 16:01	14.07	51.06	33.51	8.83	7.98	3	3.422	105.5
883	9/21/2008 16:16	14.1	51.153	33.58	8.8	7.94	2.6	3.451	105.3
884	9/21/2008 16:31	14.06	51.076	33.52	8.74	7.98	2.3	3.474	104.5
885	9/21/2008 16:46	14.44	51.228	33.65	8.69	7.94	2.4	3.487	104.8
886	9/21/2008 17:01	14.27	50.962	33.45	8.76	7.98	2.4	3.479	105.1
887	9/21/2008 17:16	14.04	51.139	33.57	8.66	7.97	1.9	3.464	103.6
888	9/21/2008 17:31	14.07	51.306	33.69	8.68	7.93	2.4	3.421	103.9
889	9/21/2008 17:46	14.25	51.089	33.54	8.75	7.94	2.2	3.381	104.9
890	9/21/2008 18:01	14.87	51.12	33.58	9.17	7.98	2.4	3.321	111.4
891	9/21/2008 18:16	15	50.891	33.41	9.3	8.02	3	3.239	113.2
892	9/21/2008 18:31	15.09	50.088	32.83	9.39	8.03	3.5	3.157	114.1
893	9/21/2008 18:46	15.17	51.13	33.59	9.44	8.03	3.4	3.07	115.4
894	9/21/2008 19:01	15.29	51.39	33.79	9.5	8	3.5	2.979	116.6
895	9/21/2008 19:16	15.46	51.348	33.76	9.49	8	4	2.878	116.8
896	9/21/2008 19:31	15.79	51.094	33.58	9.64	8.05	4.3	2.781	119.3
897	9/21/2008 19:46	16.06	51.371	33.79	9.82	8.06	4.4	2.681	122.3
898	9/21/2008 20:01	16.1	51.748	34.07	9.8	8.06	3.8	2.582	122.4
899	9/21/2008 20:16	16.1	51.729	34.05	9.76	8.03	3.8	2.473	121.9
900	9/21/2008 20:31	16.24	51.469	33.87	9.73	8.03	3.7	2.357	121.7
901	9/21/2008 20:46	16.11	51.131	33.61	9.64	8.05	3.6	2.256	120
902	9/21/2008 21:01	16.12	51.43	33.83	9.59	8.04	3.8	2.137	119.6
903	9/21/2008 21:16	15.92	51.309	33.74	9.36	8.03	3.8	2.029	116.2
904	9/21/2008 21:31	15.88	51.283	33.72	9.25	8.02	4.3	1.903	114.8
905	9/21/2008 21:46	15.94	51.269	33.71	9.16	8.01	3.6	1.793	113.8
906	9/21/2008 22:01	15.89	50.975	33.5	9.01	8.01	3.7	1.69	111.7
907	9/21/2008 22:16	15.94	51.239	33.69	8.94	8.01	3.8	1.555	111
908	9/21/2008 22:31	16.05	51.108	33.6	8.95	8.01	3.6	1.457	111.3
909	9/21/2008 22:46	16.22	51.395	33.81	9.01	8.02	3.7	1.385	112.7
910	9/21/2008 23:01	16.31	51.34	33.77	9.11	8.02	3.4	1.289	114
911	9/21/2008 23:16	16.43	51.158	33.64	9.13	8.03	3.3	1.229	114.4
912	9/21/2008 23:31	16.53	51.356	33.79	9.19	8.03	3	1.189	115.5
913	9/21/2008 23:46	16.64	51.358	33.79	9.32	8.04	2.8	1.163	117.4
914	9/22/2008 0:01	16.75	51.432	33.85	9.35	8.05	1.8	1.15	118.1
915	9/22/2008 0:16	16.58	51.288	33.74	9.13	8.03	2.5	1.154	114.9
916	9/22/2008 0:31	16.81	51.413	33.83	9.61	8.07	2.4	1.195	121.5
917	9/22/2008 0:46	16.8	51.106	33.61	9.7	8.08	2.3	1.237	122.5
918	9/22/2008 1:01	16.89	51.584	33.96	9.89	8.1	2.7	1.284	125.3
919	9/22/2008 1:16	16.85	51.334	33.78	9.94	8.09	2.7	1.349	125.8
920	9/22/2008 1:31	16.78	51.446	33.86	9.84	8.08	2.9	1.411	124.4
921	9/22/2008 1:46	17.14	51.268	33.73	9.26	8.04	5.4	1.472	117.8
922	9/22/2008 2:01	17.14	51.324	33.77	9.16	8.03	5.7	1.536	116.5
923	9/22/2008 2:16	17.06	51.401	33.83	9.36	8.04	5.4	1.603	119
924	9/22/2008 2:31	16.87	51.533	33.92	9.45	8.02	4.5	1.657	119.7
925	9/22/2008 2:46	16.78	51.439	33.85	9.43	8.04	4.3	1.737	119.2
926	9/22/2008 3:01	16.74	51.444	33.86	9.45	8.04	3.8	1.807	119.3
927	9/22/2008 3:16	16.74	51.49	33.89	9.55	8.05	3.8	1.869	120.6
928	9/22/2008 3:31	16.66	51.205	33.68	9.57	8.06	3.8	1.951	120.6
929	9/22/2008 3:46	16.51	51.176	33.65	9.44	8.05	3.7	2.03	118.5
930	9/22/2008 4:01	16.45	51.434	33.84	9.33	8.04	3.5	2.1	117.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
931	9/22/2008 4:16	16.4	51.128	33.62	9.29	8.03	3.4	2.164	116.4
932	9/22/2008 4:31	16.39	51.339	33.77	9.23	8.03	3.5	2.244	115.8
933	9/22/2008 4:46	16.31	51.458	33.86	9.17	8.03	3.7	2.306	114.9
934	9/22/2008 5:01	16.22	51.479	33.87	9.13	8.02	3.4	2.37	114.1
935	9/22/2008 5:16	16.11	51.332	33.76	9.1	8.02	3.6	2.428	113.5
936	9/22/2008 5:31	16.04	51.415	33.82	9.08	8.01	3.4	2.48	113
937	9/22/2008 5:46	15.98	51.349	33.77	9.06	8.01	3.2	2.536	112.7
938	9/22/2008 6:01	15.88	51.41	33.82	9.06	8.01	3.4	2.587	112.4
939	9/22/2008 6:16	15.71	51.447	33.84	9.03	7.97	3.3	2.627	111.8
940	9/22/2008 6:31	15.6	51.389	33.79	8.99	7.97	3.4	2.673	110.9
941	9/22/2008 6:46	15.47	51.341	33.76	8.98	8	3.2	2.708	110.5
942	9/22/2008 7:01	15.4	51.29	33.72	8.93	8	3	2.74	109.8
943	9/22/2008 7:16	15.36	51.264	33.7	8.85	8	2.9	2.751	108.6
944	9/22/2008 7:31	15.57	51.188	33.65	8.6	7.99	3.4	2.759	106
945	9/22/2008 7:46	15.57	51.347	33.76	8.7	7.99	2.7	2.768	107.3
946	9/22/2008 8:01	15.5	51.375	33.78	8.75	7.96	3.2	2.737	107.8
947	9/22/2008 8:16	15.68	51.397	33.8	8.64	7.99	2.6	2.711	106.8
948	9/22/2008 8:31	15.72	51.349	33.77	8.59	7.99	3.3	2.673	106.3
949	9/22/2008 8:46	15.69	51.395	33.8	8.69	7.96	3.1	2.645	107.5
950	9/22/2008 9:01	15.84	51.335	33.76	8.57	7.96	3.1	2.584	106.2
951	9/22/2008 9:16	15.9	51.437	33.84	8.54	7.99	3.2	2.533	106
952	9/22/2008 9:31	15.93	51.349	33.77	8.52	7.99	2.6	2.503	105.8
953	9/22/2008 9:46	15.95	51.392	33.8	8.44	7.98	3.3	2.452	104.9
954	9/22/2008 10:01	15.98	51.478	33.87	8.41	7.98	2.8	2.404	104.7
955	9/22/2008 10:16	16	51.48	33.87	8.44	7.98	2.8	2.382	105
956	9/22/2008 10:31	16.03	51.427	33.83	8.46	7.96	2.6	2.349	105.4
957	9/22/2008 10:46	16.08	51.423	33.83	8.45	7.96	3	2.314	105.4
958	9/22/2008 11:01	16.14	51.408	33.82	8.48	7.96	2.6	2.293	105.8
959	9/22/2008 11:16	16.2	51.632	33.98	8.4	7.96	2.1	2.302	105.1
960	9/22/2008 11:31	16.15	51.539	33.92	8.48	7.96	2.5	2.278	105.9
961	9/22/2008 11:46	16.18	51.601	33.96	8.42	7.96	2.9	2.269	105.3
962	9/22/2008 12:01	16.2	51.339	33.77	8.57	7.96	3	2.305	107.1
963	9/22/2008 12:16	16.24	51.47	33.87	8.65	7.99	2.5	2.318	108.1
964	9/22/2008 12:31	16.19	51.265	33.71	8.63	7.96	2.9	2.336	107.8
965	9/22/2008 12:46	16.18	51.321	33.76	8.7	8	2.6	2.363	108.7
966	9/22/2008 13:01	16.13	51.429	33.83	8.77	7.97	2.6	2.413	109.5
967	9/22/2008 13:16	16.07	51.241	33.7	8.8	8	3	2.456	109.6
968	9/22/2008 13:31	16.05	51.175	33.65	8.81	7.99	2.8	2.493	109.6
969	9/22/2008 13:46	16.02	51.269	33.71	8.89	8	3	2.549	110.6
970	9/22/2008 14:01	15.94	51.221	33.68	8.92	8	3.1	2.601	110.8
971	9/22/2008 14:16	15.72	51.461	33.85	8.92	7.96	3.2	2.649	110.4
972	9/22/2008 14:31	15.61	51.364	33.78	8.91	7.96	3.2	2.697	110.1
973	9/22/2008 14:46	15.41	51.098	33.58	8.97	7.96	3.2	2.755	110.2
974	9/22/2008 15:01	15.16	51.075	33.55	9.01	8	3.2	2.825	110.1
975	9/22/2008 15:16	15.05	51.317	33.73	9.01	7.96	3.2	2.879	109.9
976	9/22/2008 15:31	14.98	51.099	33.57	9.03	7.97	2.6	2.943	109.9
977	9/22/2008 15:46	14.97	51.025	33.51	9.02	8.01	2.6	2.993	109.8
978	9/22/2008 16:01	14.95	51.17	33.62	9.04	8.01	2.6	3.063	110.1
979	9/22/2008 16:16	14.91	51.194	33.63	9.07	7.97	2.5	3.112	110.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
980	9/22/2008 16:31	14.84	51.297	33.71	9.04	7.97	2.3	3.156	109.9
981	9/22/2008 16:46	14.74	51.175	33.62	9.04	7.97	2.4	3.214	109.6
982	9/22/2008 17:01	14.68	51.159	33.6	9.02	7.97	2.7	3.255	109.2
983	9/22/2008 17:16	14.6	51.168	33.61	9.01	7.97	2.4	3.29	109
984	9/22/2008 17:31	14.58	51.113	33.57	8.96	7.96	2.1	3.316	108.2
985	9/22/2008 17:46	14.53	51.242	33.66	8.81	7.96	2.1	3.337	106.5
986	9/22/2008 18:01	14.6	51.03	33.51	8.43	7.93	1	3.348	101.8
987	9/22/2008 18:16	14.55	51.057	33.52	8.76	7.99	1.8	3.338	105.8
988	9/22/2008 18:31	14.56	51.249	33.67	8.76	7.95	1.8	3.32	105.9
989	9/22/2008 18:46	14.59	51.195	33.63	8.83	7.96	1.8	3.284	106.7
990	9/22/2008 19:01	15	51.072	33.55	8.87	7.97	4.7	3.227	108
991	9/22/2008 19:16	15.07	51.263	33.69	8.88	8.01	5	3.176	108.4
992	9/22/2008 19:31	15.01	51.045	33.53	8.88	8.01	4.5	3.107	108.2
993	9/22/2008 19:46	15.04	51.198	33.64	8.84	8.01	4.7	3.019	107.8
994	9/22/2008 20:01	15.06	50.843	33.38	8.87	8.01	5.2	2.936	108.1
995	9/22/2008 20:16	15.36	51.2	33.65	8.91	8.02	5.1	2.861	109.4
996	9/22/2008 20:31	15.25	51.315	33.73	8.81	8.01	4.6	2.776	107.9
997	9/22/2008 20:46	15.39	51.06	33.55	8.89	7.98	4.6	2.677	109.1
998	9/22/2008 21:01	15.69	51.331	33.75	8.82	7.99	4	2.586	109
999	9/22/2008 21:16	15.91	51.442	33.84	8.9	8	3.9	2.489	110.6
1000	9/22/2008 21:31	15.99	51.191	33.66	9.11	8.01	4.2	2.391	113.2
1001	9/22/2008 21:46	15.97	51.067	33.57	9.12	8.04	4.3	2.281	113.3
1002	9/22/2008 22:01	15.93	51.133	33.61	9.06	8.04	4.3	2.187	112.4
1003	9/22/2008 22:16	15.71	51.049	33.55	8.99	8.02	4.3	2.066	111
1004	9/22/2008 22:31	15.67	51.501	33.88	8.78	7.98	4.8	1.957	108.6
1005	9/22/2008 22:46	15.76	51.303	33.73	8.79	8.01	5.1	1.851	108.9
1006	9/22/2008 23:01	15.82	51.499	33.88	8.69	8.01	4.7	1.736	107.8
1007	9/22/2008 23:16	15.92	51.292	33.73	8.67	8.01	4.8	1.613	107.7
1008	9/22/2008 23:31	16.1	51.497	33.88	8.66	8.01	4.6	1.51	108
1009	9/22/2008 23:46	16.24	51.363	33.79	8.79	7.99	4.1	1.428	109.9
1010	9/23/2008 0:01	16.33	51.39	33.81	8.79	8.03	4	1.334	110.1
1011	9/23/2008 0:16	16.52	51.386	33.81	8.9	8.05	4.3	1.257	111.9
1012	9/23/2008 0:31	16.62	51.455	33.86	8.98	8.05	3.6	1.191	113.2
1013	9/23/2008 0:46	16.72	51.721	34.06	9.04	8.03	3.2	1.156	114.2
1014	9/23/2008 1:01	16.78	51.455	33.86	9.09	8.04	3.7	1.143	114.8
1015	9/23/2008 1:16	16.78	51.581	33.96	8.97	8.04	3.5	1.134	113.5
1016	9/23/2008 1:31	16.74	51.666	34.02	9.03	8.07	3.1	1.138	114.1
1017	9/23/2008 1:46	16.84	51.772	34.1	9.21	8.05	2.6	1.176	116.7
1018	9/23/2008 2:01	16.82	51.597	33.97	9.22	8.05	2.7	1.22	116.6
1019	9/23/2008 2:16	16.9	51.704	34.05	9.41	8.07	3.2	1.269	119.4
1020	9/23/2008 2:31	16.87	51.637	34	9.4	8.07	3.5	1.298	119.1
1021	9/23/2008 2:46	16.81	51.531	33.92	9.35	8.06	4.8	1.377	118.3
1022	9/23/2008 3:01	17.03	51.32	33.77	9.09	8.09	6.8	1.449	115.4
1023	9/23/2008 3:16	17.08	51.264	33.73	9	8.08	7.2	1.476	114.4
1024	9/23/2008 3:31	17.03	51.258	33.72	9.06	8.08	5.7	1.56	114.9
1025	9/23/2008 3:46	16.95	51.101	33.61	9.16	8.09	5.4	1.632	116
1026	9/23/2008 4:01	16.81	51.407	33.83	9.09	8.08	5.1	1.7	115
1027	9/23/2008 4:16	16.76	51.206	33.68	9.09	8.07	4.8	1.765	114.7
1028	9/23/2008 4:31	16.73	51.392	33.82	9.09	8.07	4.6	1.841	114.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1029	9/23/2008 4:46	16.69	51.133	33.63	9.11	8.07	5.2	1.929	114.8
1030	9/23/2008 5:01	16.56	51.378	33.8	9.03	8.06	4.5	1.988	113.7
1031	9/23/2008 5:16	16.45	51.477	33.87	8.97	8.05	3.8	2.069	112.7
1032	9/23/2008 5:31	16.37	51.475	33.87	8.95	8.01	4	2.148	112.2
1033	9/23/2008 5:46	16.32	51.41	33.82	8.9	8.04	4	2.21	111.5
1034	9/23/2008 6:01	16.21	51.237	33.69	8.83	8.03	4.4	2.286	110.3
1035	9/23/2008 6:16	16.07	50.371	33.06	8.82	8.03	4	2.359	109.4
1036	9/23/2008 6:31	15.96	50.294	33	8.83	8.02	4.6	2.418	109.2
1037	9/23/2008 6:46	15.89	51.302	33.74	8.76	8.02	6.1	2.476	108.8
1038	9/23/2008 7:01	15.83	51.224	33.68	8.76	8.02	6.5	2.532	108.6
1039	9/23/2008 7:16	15.66	51.06	33.55	8.79	8.02	5	2.593	108.5
1040	9/23/2008 7:31	15.63	51.265	33.7	8.72	8.02	5.6	2.635	107.7
1041	9/23/2008 7:46	15.37	51.345	33.76	8.73	8.01	7.5	2.673	107.3
1042	9/23/2008 8:01	15.41	51.18	33.64	8.7	8.01	8.5	2.723	106.9
1043	9/23/2008 8:16	15.13	51.257	33.69	8.7	8.01	5.3	2.751	106.3
1044	9/23/2008 8:31	15.11	50.847	33.39	8.66	8.01	2.9	2.775	105.6
1045	9/23/2008 8:46	15.48	51.429	33.82	8.26	7.93	7.8	2.779	101.7
1046	9/23/2008 9:01	15.18	51.26	33.69	8.53	7.97	4.8	2.782	104.4
1047	9/23/2008 9:16	15.14	51.286	33.71	8.58	8.01	2.9	2.779	104.9
1048	9/23/2008 9:31	15.17	50.943	33.46	8.62	8.01	3.2	2.748	105.3
1049	9/23/2008 9:46	15.32	51.029	33.52	8.6	8.01	3.2	2.709	105.4
1050	9/23/2008 10:01	15.7	50.888	33.43	8.6	8.03	5	2.663	106.1
1051	9/23/2008 10:16	15.63	50.881	33.42	8.61	8.03	4.3	2.622	106.2
1052	9/23/2008 10:31	15.72	51.187	33.65	8.71	8.04	5.6	2.568	107.6
1053	9/23/2008 10:46	15.73	51.429	33.83	8.75	8.04	4.6	2.505	108.4
1054	9/23/2008 11:01	15.85	51.879	34.16	8.86	8.01	3.4	2.452	110.2
1055	9/23/2008 11:16	15.92	51.606	33.96	8.86	8.04	3.1	2.417	110.2
1056	9/23/2008 11:31	16	51.511	33.89	9	8.03	3.1	2.367	112.1
1057	9/23/2008 11:46	16.12	51.366	33.79	9.01	8.06	3.2	2.331	112.4
1058	9/23/2008 12:01	16.18	51.371	33.79	9.14	8.07	2.9	2.296	114.2
1059	9/23/2008 12:16	16.25	51.366	33.79	9.04	8.03	2.6	2.27	113.1
1060	9/23/2008 12:31	16.37	51.335	33.77	9.14	8.04	2.4	2.246	114.5
1061	9/23/2008 12:46	16.39	51.408	33.82	9.01	8.03	2.6	2.221	113
1062	9/23/2008 13:01	16.44	51.132	33.62	8.85	8.02	1.1	2.221	110.9
1063	9/23/2008 13:16	16.47	51.447	33.85	9.23	8.04	2.7	2.222	115.9
1064	9/23/2008 13:31	16.37	51.146	33.63	9.09	8.06	2.9	2.221	113.8
1065	9/23/2008 13:46	16.46	51.559	33.94	9.07	8.02	3.1	2.238	114
1066	9/23/2008 14:01	16.43	51.18	33.66	8.98	8.05	2.7	2.265	112.6
1067	9/23/2008 14:16	16.5	51.51	33.9	8.98	8.02	2.9	2.294	112.9
1068	9/23/2008 14:31	16.4	51.14	33.63	9.04	8.03	3	2.333	113.3
1069	9/23/2008 14:46	16.29	51.043	33.55	8.94	8	3.1	2.382	111.7
1070	9/23/2008 15:01	16.29	51.353	33.78	8.92	8	3.2	2.431	111.6
1071	9/23/2008 15:16	16.16	51.002	33.52	8.91	8.03	3.3	2.478	111
1072	9/23/2008 15:31	16.08	50.486	33.14	8.89	8.03	3.1	2.534	110.3
1073	9/23/2008 15:46	16	50.833	33.39	8.91	8.03	3.4	2.59	110.6
1074	9/23/2008 16:01	15.84	50.614	33.23	8.95	8.02	3.8	2.644	110.6
1075	9/23/2008 16:16	15.68	50.959	33.48	8.95	8.02	3.3	2.701	110.4
1076	9/23/2008 16:31	15.4	50.826	33.38	8.99	8.01	3.1	2.755	110.3
1077	9/23/2008 16:46	15.26	50.813	33.36	9	8.02	3.2	2.823	110.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1078	9/23/2008 17:01	15.17	50.92	33.44	9.01	8.02	3.1	2.881	110
1079	9/23/2008 17:16	15.18	50.572	33.19	9.03	8.02	2.9	2.936	110.2
1080	9/23/2008 17:31	15.12	50.88	33.41	9.07	8.03	2.9	3	110.6
1081	9/23/2008 17:46	15.07	50.825	33.37	9.09	8.02	2.9	3.063	110.7
1082	9/23/2008 18:01	15.05	50.705	33.28	9.11	8.03	3.1	3.114	110.9
1083	9/23/2008 18:16	14.94	51.046	33.53	9.08	8.02	3	3.155	110.4
1084	9/23/2008 18:31	14.78	50.926	33.43	9.11	8.02	3.1	3.206	110.4
1085	9/23/2008 18:46	14.63	50.836	33.37	9.11	8.02	2.9	3.246	110
1086	9/23/2008 19:01	14.66	50.812	33.35	9	8.02	2.6	3.261	108.8
1087	9/23/2008 19:16	14.89	50.937	33.45	8.99	8.03	2.3	3.278	109.2
1088	9/23/2008 19:31	14.64	50.374	33.03	8.83	8	2.9	3.29	106.5
1089	9/23/2008 19:46	14.56	50.475	33.1	8.86	8	2.6	3.274	106.7
1090	9/23/2008 20:01	14.54	51.073	33.54	8.88	8.01	2.4	3.239	107.2
1091	9/23/2008 20:16	14.56	51.382	33.76	8.91	8.01	2.4	3.191	107.7
1092	9/23/2008 20:31	15.14	51.08	33.56	8.87	8.03	3.1	3.137	108.3
1093	9/23/2008 20:46	15.28	51.138	33.6	8.78	8.02	3.3	3.074	107.5
1094	9/23/2008 21:01	15.25	51.263	33.69	8.78	8.03	3.6	2.98	107.6
1095	9/23/2008 21:16	15.22	51.259	33.69	8.76	7.98	3.8	2.901	107.2
1096	9/23/2008 21:31	15.33	51.291	33.72	8.86	8.02	3.7	2.824	108.7
1097	9/23/2008 21:46	15.47	51.334	33.75	8.81	8.03	3.7	2.729	108.5
1098	9/23/2008 22:01	15.71	50.777	33.35	9.13	8.05	3.7	2.639	112.7
1099	9/23/2008 22:16	16.11	51.263	33.71	9.29	8.07	3.8	2.544	115.8
1100	9/23/2008 22:31	16.16	50.751	33.34	9.27	8.06	3.8	2.456	115.4
1101	9/23/2008 22:46	16.35	51.073	33.58	9.35	8.08	3.8	2.346	116.9
1102	9/23/2008 23:01	16.38	51.287	33.73	9.3	8.08	4.3	2.238	116.6
1103	9/23/2008 23:16	16.41	50.841	33.41	9.38	8.08	4.6	2.134	117.4
1104	9/23/2008 23:31	16.37	51.115	33.61	9.2	8.07	5.1	2.032	115.2
1105	9/23/2008 23:46	16.16	50.887	33.44	9.01	8.05	5.1	1.922	112.2
1106	9/24/2008 0:01	15.99	51.211	33.67	8.74	8.03	5.1	1.79	108.6
1107	9/24/2008 0:16	16.23	51.289	33.73	8.82	8.05	4.8	1.689	110.2
1108	9/24/2008 0:31	16.17	51.201	33.67	8.72	8.03	4.3	1.579	108.8
1109	9/24/2008 0:46	16.35	51.23	33.69	8.69	8.04	4	1.46	108.8
1110	9/24/2008 1:01	16.51	51.311	33.75	8.91	8.06	4.2	1.37	111.9
1111	9/24/2008 1:16	16.51	51.352	33.78	8.77	8.05	3.9	1.292	110.3
1112	9/24/2008 1:31	16.74	51.542	33.93	9.07	8.07	3.7	1.213	114.6
1113	9/24/2008 1:46	16.8	51.234	33.7	9.1	8.08	3.1	1.152	114.9
1114	9/24/2008 2:01	16.93	51.324	33.77	9.28	8.09	2.8	1.108	117.6
1115	9/24/2008 2:16	17.05	51.504	33.9	9.48	8.11	2.6	1.111	120.5
1116	9/24/2008 2:31	16.86	51.342	33.78	9.08	8.08	2.6	1.1	114.9
1117	9/24/2008 2:46	17.02	51.504	33.9	9.53	8.12	3	1.108	121
1118	9/24/2008 3:01	17.02	51.393	33.82	9.56	8.12	2.5	1.156	121.4
1119	9/24/2008 3:16	17.08	51.61	33.98	9.67	8.13	2.4	1.193	122.9
1120	9/24/2008 3:31	17.15	51.541	33.93	10.03	8.15	2.7	1.254	127.8
1121	9/24/2008 3:46	17.1	51.51	33.91	9.96	8.15	2.7	1.324	126.7
1122	9/24/2008 4:01	17.1	51.516	33.91	9.76	8.14	3.7	1.379	124.2
1123	9/24/2008 4:16	17.3	51.436	33.86	9.58	8.13	5.6	1.453	122.3
1124	9/24/2008 4:31	17.29	51.259	33.73	9.59	8.13	5.5	1.529	122.3
1125	9/24/2008 4:46	17.16	51.327	33.77	9.62	8.13	5.4	1.596	122.5
1126	9/24/2008 5:01	17	51.389	33.82	9.49	8.12	4.7	1.669	120.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1127	9/24/2008 5:16	16.93	51.44	33.85	9.46	8.11	4.2	1.762	119.9
1128	9/24/2008 5:31	16.9	50.756	33.35	9.53	8.11	3.9	1.832	120.3
1129	9/24/2008 5:46	16.79	51.825	34.14	9.45	8.07	4.1	1.91	119.6
1130	9/24/2008 6:01	16.64	51.077	33.58	9.27	8.08	3.9	1.994	116.6
1131	9/24/2008 6:16	16.58	51.48	33.88	9.14	8.08	4.5	2.08	115.1
1132	9/24/2008 6:31	16.51	51.475	33.87	9.03	8.06	4.1	2.157	113.5
1133	9/24/2008 6:46	16.44	51.516	33.9	8.95	8.05	4.6	2.246	112.4
1134	9/24/2008 7:01	16.22	51.226	33.69	8.88	8.05	4.5	2.326	110.9
1135	9/24/2008 7:16	16.06	51.41	33.82	8.87	8.04	5.3	2.405	110.5
1136	9/24/2008 7:31	15.92	51.36	33.78	8.83	8.03	5.1	2.477	109.7
1137	9/24/2008 7:46	15.87	51.279	33.72	8.81	8.03	4.9	2.552	109.3
1138	9/24/2008 8:01	15.74	51.295	33.73	8.79	8.03	5.3	2.618	108.8
1139	9/24/2008 8:16	15.59	51.353	33.77	8.75	8.02	5.6	2.678	108
1140	9/24/2008 8:31	15.3	51.199	33.65	8.76	8.01	4.6	2.738	107.4
1141	9/24/2008 8:46	15.1	51.335	33.74	8.73	8.01	4.3	2.794	106.7
1142	9/24/2008 9:01	14.99	51.252	33.68	8.7	8.01	4	2.837	106.1
1143	9/24/2008 9:16	14.81	51.341	33.74	8.68	8.01	4	2.87	105.4
1144	9/24/2008 9:31	14.87	51.231	33.66	8.61	8.01	3.1	2.904	104.7
1145	9/24/2008 9:46	14.89	51.278	33.7	8.51	8.01	2.7	2.909	103.5
1146	9/24/2008 10:01	14.76	51.199	33.63	8.55	8	3.2	2.912	103.7
1147	9/24/2008 10:16	14.71	50.998	33.49	8.6	8.01	2.8	2.881	104.1
1148	9/24/2008 10:31	14.95	51.426	33.81	8.6	8.01	2.9	2.844	104.8
1149	9/24/2008 10:46	15.36	51.291	33.72	8.67	8.03	3.1	2.805	106.4
1150	9/24/2008 11:01	15.72	51.295	33.73	8.8	8.05	3.5	2.746	108.9
1151	9/24/2008 11:16	15.77	51.402	33.81	8.84	8.04	3.4	2.668	109.5
1152	9/24/2008 11:31	15.74	51.359	33.78	8.88	8.05	3.6	2.616	109.9
1153	9/24/2008 11:46	16.03	51.258	33.71	9	8.06	3.3	2.549	111.9
1154	9/24/2008 12:01	16.06	51.298	33.74	8.98	8.06	3.1	2.485	111.8
1155	9/24/2008 12:16	16.16	51.294	33.74	9.01	8.06	3.1	2.43	112.5
1156	9/24/2008 12:31	16.3	51.283	33.73	9.03	8.07	2.8	2.369	113
1157	9/24/2008 12:46	16.47	51.096	33.59	9.07	8.07	2.8	2.32	113.8
1158	9/24/2008 13:01	16.65	51.409	33.83	9.13	8.08	2.7	2.273	115.1
1159	9/24/2008 13:16	16.73	51.377	33.8	9.2	8.08	2.8	2.225	116.1
1160	9/24/2008 13:31	16.77	51.375	33.8	9.2	8.05	2.8	2.186	116.2
1161	9/24/2008 13:46	16.8	51.312	33.76	9.22	8.08	2.6	2.148	116.4
1162	9/24/2008 14:01	16.82	51.453	33.86	9.23	8.08	3.5	2.125	116.8
1163	9/24/2008 14:16	16.85	51.394	33.82	9.2	8.08	2	2.099	116.5
1164	9/24/2008 14:31	16.97	51.341	33.78	9.34	8.09	2.2	2.075	118.4
1165	9/24/2008 14:46	16.99	51.196	33.68	9.53	8.09	2.7	2.09	120.8
1166	9/24/2008 15:01	17.09	51.471	33.88	9.67	8.1	2.5	2.096	123
1167	9/24/2008 15:16	17.04	51.293	33.75	9.54	8.09	2.9	2.11	121.1
1168	9/24/2008 15:31	16.97	51.305	33.76	9.46	8.09	3.5	2.147	120
1169	9/24/2008 15:46	17.09	51.378	33.81	9.6	8.09	3.5	2.196	122.1
1170	9/24/2008 16:01	17.02	51.307	33.76	9.5	8.09	3.5	2.242	120.6
1171	9/24/2008 16:16	16.87	51.188	33.67	9.4	8.08	3.9	2.293	118.8
1172	9/24/2008 16:31	16.9	51.196	33.67	9.43	8.07	4.6	2.36	119.3
1173	9/24/2008 16:46	16.67	51.422	33.84	9.31	8.06	4.2	2.426	117.4
1174	9/24/2008 17:01	16.48	51.214	33.68	9.22	8.05	4.5	2.481	115.7
1175	9/24/2008 17:16	16.31	51.385	33.8	9.15	8.05	3.8	2.545	114.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1176	9/24/2008 17:31	16.1	51.233	33.69	9.12	8.04	3.5	2.62	113.6
1177	9/24/2008 17:46	15.65	51.125	33.6	9.06	8.03	3.7	2.686	111.8
1178	9/24/2008 18:01	15.55	51.243	33.69	9.04	8.03	3.8	2.752	111.4
1179	9/24/2008 18:16	15.51	51.225	33.67	9.02	8.03	3.6	2.829	111
1180	9/24/2008 18:31	15.35	51.239	33.68	9.03	8.03	3.5	2.896	110.9
1181	9/24/2008 18:46	15.04	51.156	33.61	9	8.02	3.7	2.968	109.8
1182	9/24/2008 19:01	14.85	51.158	33.61	8.98	8.02	4	3.032	109.1
1183	9/24/2008 19:16	14.66	51.114	33.57	8.99	8.02	4	3.096	108.8
1184	9/24/2008 19:31	14.55	51.147	33.59	8.98	8.01	3.7	3.155	108.4
1185	9/24/2008 19:46	14.41	50.137	32.85	8.98	8.01	3.8	3.206	107.7
1186	9/24/2008 20:01	14.5	51.082	33.54	8.94	8.02	3.2	3.247	107.8
1187	9/24/2008 20:16	14.29	51.23	33.64	8.91	8.01	3.2	3.282	107.1
1188	9/24/2008 20:31	14.14	51.12	33.56	8.84	8	3.2	3.305	105.9
1189	9/24/2008 20:46	14.52	51.022	33.5	8.86	8.02	3.1	3.312	106.9
1190	9/24/2008 21:01	14.25	50.969	33.45	8.8	8	2.3	3.308	105.6
1191	9/24/2008 21:16	14.14	50.952	33.44	8.86	8	2.6	3.279	106
1192	9/24/2008 21:31	14.19	51.119	33.56	8.83	8.01	2.4	3.235	105.8
1193	9/24/2008 21:46	14.59	51.208	33.64	8.85	8.02	2.8	3.174	107
1194	9/24/2008 22:01	15.25	50.93	33.45	9.12	8.06	3.8	3.102	111.6
1195	9/24/2008 22:16	15.3	50.253	32.95	9.12	8.05	4.7	3.015	111.4
1196	9/24/2008 22:31	15.43	51.062	33.55	9.02	8.05	4.3	2.93	110.8
1197	9/24/2008 22:46	15.52	51.145	33.61	8.93	8.05	4.2	2.827	110
1198	9/24/2008 23:01	15.77	51.151	33.62	9.27	8.07	4.7	2.729	114.7
1199	9/24/2008 23:16	16.23	51.243	33.7	9.14	8.08	4.2	2.629	114.1
1200	9/24/2008 23:31	16.28	51.364	33.79	9.14	8.08	4.3	2.531	114.3
1201	9/24/2008 23:46	16.32	51.137	33.62	9.07	8.07	4.1	2.425	113.4
1202	9/25/2008 0:01	16.27	51.376	33.8	8.94	8.06	4.3	2.316	111.9
1203	9/25/2008 0:16	16.39	51.186	33.66	9.12	8.07	4.7	2.204	114.3
1204	9/25/2008 0:31	16.45	51.306	33.75	9.14	8.08	4.9	2.099	114.7
1205	9/25/2008 0:46	16.47	51.324	33.76	9.13	8.08	4.9	1.986	114.6
1206	9/25/2008 1:01	16.4	51.205	33.67	8.98	8.07	5.4	1.853	112.6
1207	9/25/2008 1:16	16.24	50.288	33	8.79	8.05	5.1	1.74	109.3
1208	9/25/2008 1:31	16.18	51.189	33.66	8.68	8.04	4.8	1.622	108.3
1209	9/25/2008 1:46	16.42	50.294	33.01	8.79	8.06	4.2	1.501	109.8
1210	9/25/2008 2:01	16.54	51.348	33.78	8.82	8.07	3.8	1.39	110.9
1211	9/25/2008 2:16	16.56	51.255	33.71	8.78	8.07	3.7	1.3	110.4
1212	9/25/2008 2:31	16.68	51.232	33.7	8.89	8.08	3.7	1.227	112.1
1213	9/25/2008 2:46	16.74	51.539	33.92	8.97	8.08	3.5	1.153	113.3
1214	9/25/2008 3:01	17.04	51.419	33.84	9.26	8.11	3.8	1.111	117.6
1215	9/25/2008 3:16	16.98	51.242	33.71	9.14	8.1	3.2	1.087	115.8
1216	9/25/2008 3:31	16.88	50.234	32.97	8.96	8.09	3.7	1.097	112.8
1217	9/25/2008 3:46	17.2	51.162	33.65	9.49	8.15	3.2	1.11	120.8
1218	9/25/2008 4:01	17.22	51.436	33.85	9.61	8.16	2.7	1.149	122.5
1219	9/25/2008 4:16	17.1	51.267	33.73	9.53	8.14	2.8	1.21	121.1
1220	9/25/2008 4:31	17.3	51.382	33.82	10.05	8.18	3.1	1.268	128.3
1221	9/25/2008 4:46	17.25	51.017	33.55	9.98	8.17	3	1.329	127
1222	9/25/2008 5:01	17.31	51.33	33.78	9.71	8.16	4.6	1.419	124
1223	9/25/2008 5:16	17.47	51.454	33.87	9.51	8.15	6.2	1.483	121.8
1224	9/25/2008 5:31	17.43	51.206	33.69	9.57	8.15	5.8	1.566	122.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1225	9/25/2008 5:46	17.24	51.152	33.65	9.49	8.14	4.9	1.645	120.9
1226	9/25/2008 6:01	17.1	51.436	33.85	9.42	8.12	4.6	1.739	119.7
1227	9/25/2008 6:16	17.04	51.258	33.72	9.37	8.12	4.4	1.824	119
1228	9/25/2008 6:31	16.97	51.314	33.76	9.41	8.12	4.5	1.913	119.3
1229	9/25/2008 6:46	16.82	51.3	33.75	9.23	8.1	4.5	2.006	116.7
1230	9/25/2008 7:01	16.64	51.459	33.86	9.1	8.08	4.5	2.098	114.7
1231	9/25/2008 7:16	16.58	51.167	33.65	9	8.07	4.9	2.195	113.1
1232	9/25/2008 7:31	16.53	51.231	33.7	8.93	8.07	5.4	2.283	112.3
1233	9/25/2008 7:46	16.39	51.269	33.72	8.85	8.06	6	2.369	110.9
1234	9/25/2008 8:01	16.21	51.229	33.69	8.79	8.05	6.2	2.457	109.7
1235	9/25/2008 8:16	16.06	51.042	33.55	8.75	8.04	5.9	2.534	108.9
1236	9/25/2008 8:31	15.98	51.048	33.55	8.74	8.04	6.2	2.615	108.5
1237	9/25/2008 8:46	15.7	50.998	33.51	8.71	8.03	7.2	2.687	107.5
1238	9/25/2008 9:01	15.33	50.892	33.42	8.69	8.01	6.9	2.763	106.5
1239	9/25/2008 9:16	15.01	50.924	33.44	8.68	8.01	6.1	2.834	105.7
1240	9/25/2008 9:31	14.71	50.912	33.42	8.64	8	5.9	2.897	104.6
1241	9/25/2008 9:46	14.46	50.801	33.33	8.66	8	5	2.953	104.2
1242	9/25/2008 10:01	14.33	50.619	33.2	8.66	8	4.7	3.003	103.9
1243	9/25/2008 10:16	14.28	51.073	33.53	8.65	8	4.1	3.046	103.9
1244	9/25/2008 10:31	14.44	50.066	32.8	8.53	8	3.7	3.057	102.3
1245	9/25/2008 10:46	14.34	49.939	32.7	8.57	8	3	3.066	102.5
1246	9/25/2008 11:01	14.26	49.895	32.67	8.58	8	2.7	3.057	102.4
1247	9/25/2008 11:16	14.23	49.922	32.69	8.62	8	2.8	3.002	102.9
1248	9/25/2008 11:31	14.52	50.472	33.1	8.66	8.01	3.7	2.949	104.2
1249	9/25/2008 11:46	14.89	50.853	33.38	8.74	8.02	4.4	2.887	106.2
1250	9/25/2008 12:01	14.98	50.233	32.93	8.86	8.03	5.9	2.811	107.5
1251	9/25/2008 12:16	15.24	49.874	32.68	9	8.05	6	2.742	109.6
1252	9/25/2008 12:31	15.43	50.297	32.99	9.02	8.05	7.2	2.649	110.5
1253	9/25/2008 12:46	15.52	51.008	33.51	9.17	8.07	7.6	2.567	112.8
1254	9/25/2008 13:01	15.81	49.932	32.73	9.19	8.07	8.3	2.49	113.2
1255	9/25/2008 13:16	15.9	49.799	32.63	9.32	8.08	9.6	2.417	115
1256	9/25/2008 13:31	16.21	49.762	32.61	9.28	8.09	9.2	2.342	115.1
1257	9/25/2008 13:46	16.32	49.772	32.62	9.36	8.09	9.5	2.265	116.4
1258	9/25/2008 14:01	16.6	49.842	32.68	9.25	8.1	9.5	2.195	115.6
1259	9/25/2008 14:16	16.7	50.515	33.17	9.19	8.09	8.2	2.131	115.4
1260	9/25/2008 14:31	16.79	49.871	32.7	9.23	8.1	8.5	2.072	115.8
1261	9/25/2008 14:46	16.85	50.512	33.17	9.26	8.1	8.8	2.005	116.7
1262	9/25/2008 15:01	16.92	49.811	32.66	9.3	8.11	8.1	1.973	117.1
1263	9/25/2008 15:16	17.03	49.82	32.67	9.19	8.11	8.1	1.938	115.9
1264	9/25/2008 15:31	17.08	49.987	32.79	9.09	8.11	7.2	1.906	114.8
1265	9/25/2008 15:46	17.08	49.363	32.33	9.11	8.11	7.8	1.901	114.8
1266	9/25/2008 16:01	17.19	49.248	32.25	9.32	8.12	7.9	1.903	117.6
1267	9/25/2008 16:16	17.16	49.424	32.38	9.27	8.12	8.8	1.93	116.9
1268	9/25/2008 16:31	17	49.182	32.2	9.32	8.11	8	1.96	117.2
1269	9/25/2008 16:46	17.01	49.97	32.78	9.29	8.11	7.3	2.001	117.1
1270	9/25/2008 17:01	16.99	49.937	32.75	9.3	8.11	8.3	2.07	117.2
1271	9/25/2008 17:16	16.92	49.781	32.64	9.27	8.1	7.9	2.141	116.6
1272	9/25/2008 17:31	16.99	49.918	32.74	9.26	8.1	8.3	2.209	116.7
1273	9/25/2008 17:46	16.97	48.952	32.03	9.31	8.1	7.8	2.277	116.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1274	9/25/2008 18:01	16.76	48.939	32.02	9.32	8.08	6.8	2.36	116.4
1275	9/25/2008 18:16	16.6	48.954	32.03	9.28	8.08	6.5	2.429	115.6
1276	9/25/2008 18:31	16.5	48.981	32.05	9.26	8.08	6.9	2.499	115.2
1277	9/25/2008 18:46	16.49	49.894	32.71	9.09	8.07	5.6	2.576	113.5
1278	9/25/2008 19:01	16.21	48.894	31.98	9.03	8.06	5.9	2.657	111.5
1279	9/25/2008 19:16	15.91	49.541	32.45	8.95	8.05	5.6	2.725	110.3
1280	9/25/2008 19:31	15.68	48.858	31.94	8.94	8.04	5.7	2.801	109.3
1281	9/25/2008 19:46	15.41	48.96	32.01	8.94	8.04	5.9	2.883	108.7
1282	9/25/2008 20:01	15.22	49.013	32.05	8.93	8.03	6.3	2.956	108.2
1283	9/25/2008 20:16	15.13	48.847	31.92	8.94	8.03	5.4	3.018	108.1
1284	9/25/2008 20:31	14.92	48.867	31.93	8.98	8.03	5.6	3.09	108.1
1285	9/25/2008 20:46	14.63	50.072	32.81	8.98	8.02	5	3.167	108.1
1286	9/25/2008 21:01	14.51	49.656	32.5	8.95	8.02	4.9	3.218	107.3
1287	9/25/2008 21:16	14.46	50.023	32.77	8.86	8.02	3.5	3.266	106.2
1288	9/25/2008 21:31	14.29	48.652	31.76	8.94	8.02	3.3	3.314	106.2
1289	9/25/2008 21:46	14.45	49.793	32.6	8.7	8.02	3.1	3.326	104.2
1290	9/25/2008 22:01	14.32	48.687	31.79	8.69	8.01	9.6	3.332	103.3
1291	9/25/2008 22:16	14.32	47.466	30.9	8.79	8.01	4	3.324	103.9
1292	9/25/2008 22:31	14.54	47.432	30.88	8.75	8.02	3.1	3.287	103.9
1293	9/25/2008 22:46	14.95	48.522	31.68	8.44	8.02	61.2	3.236	101.5
1294	9/25/2008 23:01	14.8	49.778	32.6	8.43	8.02	6.5	3.16	101.7
1295	9/25/2008 23:16	14.77	49.377	32.3	8.48	8.02	7.8	3.078	102.1
1296	9/25/2008 23:31	14.76	50.004	32.76	8.45	8.02	6.8	2.976	101.9
1297	9/25/2008 23:46	14.81	50.152	32.87	8.45	8.02	5.7	2.871	102.1
1298	9/26/2008 0:01	15.12	50.189	32.9	8.41	8.03	6.6	2.768	102.2
1299	9/26/2008 0:16	15.52	49.522	32.42	8.29	8.05	7.6	2.659	101.3
1300	9/26/2008 0:31	15.59	50.456	33.11	8.19	8.04	89.4	2.561	100.6
1301	9/26/2008 0:46	15.84	49.867	32.68	8.09	8.05	8.4	2.446	99.6
1302	9/26/2008 1:01	15.91	49.996	32.78	7.94	8.04	8.2	2.327	98
1303	9/26/2008 1:16	16.06	49.819	32.65	8	8.06	10.1	2.217	98.9
1304	9/26/2008 1:31	15.99	49.954	32.75	8.05	8.06	10.6	2.099	99.5
1305	9/26/2008 1:46	15.75	49.705	32.56	8.05	8.04	9.7	1.979	98.9
1306	9/26/2008 2:01	15.62	49.898	32.7	8.05	8.04	9.9	1.854	98.7
1307	9/26/2008 2:16	15.81	49.972	32.76	8.02	8.05	10.5	1.731	98.8
1308	9/26/2008 2:31	15.69	49.948	32.74	7.98	8.03	9.9	1.617	98.1
1309	9/26/2008 2:46	15.81	49.852	32.67	7.84	8.04	9.1	1.495	96.5
1310	9/26/2008 3:01	15.96	50.485	33.14	7.82	8.04	9.1	1.387	96.9
1311	9/26/2008 3:16	16.08	49.999	32.78	7.8	8.04	8.2	1.296	96.5
1312	9/26/2008 3:31	16.25	49.892	32.71	7.72	8.05	8.9	1.223	95.9
1313	9/26/2008 3:46	16.33	50.103	32.86	7.7	8.06	8.4	1.159	95.8
1314	9/26/2008 4:01	16.32	49.862	32.69	7.74	8.06	7.5	1.135	96.2
1315	9/26/2008 4:16	16.46	49.976	32.77	7.57	8.06	7	1.109	94.4
1316	9/26/2008 4:31	16.33	50.297	33.01	7.63	8.06	8.6	1.117	95.1
1317	9/26/2008 4:46	16.46	48.599	31.77	7.76	8.07	8.4	1.159	96.3
1318	9/26/2008 5:01	16.48	48.466	31.67	7.79	8.07	8.7	1.196	96.6
1319	9/26/2008 5:16	16.58	48.388	31.61	7.7	8.08	10.2	1.266	95.7
1320	9/26/2008 5:31	16.53	47.826	31.21	7.76	8.07	9.9	1.344	96.1
1321	9/26/2008 5:46	16.52	50.21	32.95	7.66	8.07	10.4	1.433	95.8
1322	9/26/2008 6:01	16.49	50.042	32.82	7.65	8.07	10.7	1.517	95.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1323	9/26/2008 6:16	16.4	50.466	33.13	7.66	8.07	10.7	1.611	95.7
1324	9/26/2008 6:31	16.26	50.097	32.86	7.74	8.06	9.3	1.7	96.3
1325	9/26/2008 6:46	16.2	50.298	33	7.74	8.06	9.2	1.794	96.2
1326	9/26/2008 7:01	16.27	50.411	33.09	7.74	8.07	10.4	1.9	96.4
1327	9/26/2008 7:16	16.3	50.094	32.86	7.72	8.07	10.2	1.984	96.1
1328	9/26/2008 7:31	16.28	50.233	32.96	7.77	8.07	10.2	2.086	96.7
1329	9/26/2008 7:46	16.22	50.383	33.07	7.84	8.07	9.2	2.18	97.6
1330	9/26/2008 8:01	16.1	49.954	32.75	7.97	8.06	9.5	2.28	98.7
1331	9/26/2008 8:16	15.9	50.017	32.79	7.99	8.05	9.9	2.376	98.7
1332	9/26/2008 8:31	15.76	49.866	32.68	8.06	8.04	9.9	2.462	99.1
1333	9/26/2008 8:46	15.66	50.009	32.78	8.14	8.04	8.7	2.556	100
1334	9/26/2008 9:01	15.47	50.322	33.01	8.19	8.03	11.2	2.643	100.3
1335	9/26/2008 9:16	15.05	49.928	32.71	8.33	8.02	10.9	2.727	101.1
1336	9/26/2008 9:31	14.8	49.789	32.6	8.42	8.02	9.9	2.818	101.6
1337	9/26/2008 9:46	14.47	50.156	32.86	8.5	8.01	8.8	2.893	102.1
1338	9/26/2008 10:01	14.32	49.028	32.04	8.58	8.02	8.2	2.971	102.1
1339	9/26/2008 10:16	14.27	49.858	32.64	8.55	8.02	7.4	3.034	102
1340	9/26/2008 10:31	14.01	49.001	32.01	8.61	8.01	6.7	3.099	101.9
1341	9/26/2008 10:46	13.95	48.83	31.88	8.6	8	5.4	3.151	101.5
1342	9/26/2008 11:01	13.99	49.14	32.11	8.45	8	23.3	3.184	99.9
Mean		15.11	51.14	33.60	8.43	7.98	5.35	2.38	103.10
Minimum		12.44	47.43	30.88	6.93	7.83	1.00	1.06	83.00
Maximum		17.47	52.06	34.29	10.05	8.18	89.40	3.65	128.30
Standard Dev.		1.09	0.65	0.47	0.62	0.07	3.49	0.65	9.08

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						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	9/26/2008 11:16	14.5	51.005	33.48	8.08	8.06	8.7	3.111	97.4
1	9/26/2008 11:31	14.07	50.917	33.41	8.28	8.06	4	3.104	98.9
2	9/26/2008 11:46	13.84	50.946	33.42	8.38	8.05	3.3	3.076	99.6
3	9/26/2008 12:01	13.98	51.005	33.47	8.42	8.06	4.3	3.017	100.4
4	9/26/2008 12:16	14.68	50.916	33.42	8.61	8.1	5.2	2.952	104.2
5	9/26/2008 12:31	14.8	50.992	33.48	8.78	8.11	5.9	2.866	106.5
6	9/26/2008 12:46	14.75	51.006	33.49	8.77	8.06	7.4	2.771	106.2
7	9/26/2008 13:01	14.96	50.991	33.49	9.02	8.12	6.1	2.678	109.7
8	9/26/2008 13:16	15.16	50.997	33.5	8.75	8.11	6.7	2.578	106.9
9	9/26/2008 13:31	15.39	51.004	33.51	8.96	8.13	5.8	2.49	110
10	9/26/2008 13:46	15.94	51.113	33.6	8.62	8.13	6	2.388	107
11	9/26/2008 14:01	16.16	51.145	33.63	8.61	8.14	5.8	2.306	107.3
12	9/26/2008 14:16	16.16	51.127	33.61	8.69	8.14	5.2	2.208	108.4
13	9/26/2008 14:31	16.2	51.113	33.6	8.94	8.15	5.2	2.111	111.5
14	9/26/2008 14:46	16.22	51.098	33.59	9.09	8.16	4.6	2.029	113.4
15	9/26/2008 15:01	16.2	51.08	33.58	9.13	8.16	4.8	1.942	113.9
16	9/26/2008 15:16	16.2	51.087	33.58	9.07	8.16	4	1.866	113.2
17	9/26/2008 15:31	16.18	51.05	33.56	9.43	8.17	4	1.773	117.6
18	9/26/2008 15:46	16.24	51.081	33.58	9.38	8.15	4	1.707	117.1
19	9/26/2008 16:01	16.29	51.07	33.57	9.38	8.18	3.5	1.665	117.3
20	9/26/2008 16:16	16.34	51.077	33.58	9.08	8.17	3.4	1.616	113.6
21	9/26/2008 16:31	16.39	51.093	33.59	8.69	8.15	2	1.6	108.8
22	9/26/2008 16:46	16.2	51.036	33.55	9.62	8.18	3.7	1.609	120
23	9/26/2008 17:01	16.3	51.084	33.58	9.26	8.16	3.8	1.618	115.7
24	9/26/2008 17:16	16.25	51.088	33.59	9.31	8.15	4.2	1.652	116.2
25	9/26/2008 17:31	16.29	51.091	33.59	9.25	8.15	4.2	1.706	115.6
26	9/26/2008 17:46	16.44	51.134	33.62	8.85	8.16	5.1	1.781	110.9
27	9/26/2008 18:01	16.55	51.169	33.65	8.63	8.15	5.7	1.85	108.4
28	9/26/2008 18:16	16.63	51.169	33.65	8.58	8.15	6.3	1.935	108
29	9/26/2008 18:31	16.55	51.151	33.64	8.66	8.15	7	2.019	108.9
30	9/26/2008 18:46	16.31	51.115	33.61	8.74	8.14	6.4	2.108	109.3
31	9/26/2008 19:01	16.3	51.114	33.61	8.69	8.14	6.1	2.188	108.7
32	9/26/2008 19:16	16.28	51.13	33.62	8.6	8.12	5.7	2.266	107.5
33	9/26/2008 19:31	16.03	51.063	33.56	8.47	8.1	6.5	2.351	105.3
34	9/26/2008 19:46	15.88	51.074	33.57	8.45	8.1	5.5	2.429	104.8
35	9/26/2008 20:01	15.72	51.048	33.55	8.45	8.09	6.4	2.515	104.4
36	9/26/2008 20:16	15.47	51.036	33.53	8.47	8.08	6.6	2.59	104.2
37	9/26/2008 20:31	15.25	51.013	33.51	8.54	8.08	6.3	2.678	104.5
38	9/26/2008 20:46	15.12	51	33.5	8.57	8.07	7.4	2.768	104.6
39	9/26/2008 21:01	14.88	50.995	33.49	8.65	8.06	7.9	2.845	105.1
40	9/26/2008 21:16	14.63	50.995	33.48	8.7	8.05	7.3	2.929	105.2
41	9/26/2008 21:31	14.31	50.949	33.44	8.75	8.04	7.4	3.009	105.1
42	9/26/2008 21:46	14.05	50.925	33.41	8.72	8.03	6.7	3.085	104.2
43	9/26/2008 22:01	13.76	50.942	33.42	8.74	8.03	5.7	3.148	103.7
44	9/26/2008 22:16	13.6	50.928	33.4	8.78	8.02	4.6	3.205	103.9
45	9/26/2008 22:31	13.65	50.936	33.41	8.69	8.03	3.9	3.25	102.9
46	9/26/2008 22:46	13.59	51.021	33.47	8.57	8.02	3.1	3.277	101.4
47	9/26/2008 23:01	13.95	50.998	33.46	8.33	8.03	3	3.278	99.3
48	9/26/2008 23:16	13.62	50.747	33.27	8.51	8.01	2.6	3.263	100.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
49	9/26/2008 23:31	13.65	50.962	33.43	8.57	8.02	2.7	3.225	101.5
50	9/26/2008 23:46	14.1	50.911	33.4	8.45	8.37	4.5	3.158	101
51	9/27/2008 0:01	14.43	50.731	33.28	8.31	8.03	5.3	3.082	99.9
52	9/27/2008 0:16	14.87	51.037	33.52	8.11	8.05	6.3	2.979	98.5
53	9/27/2008 0:31	14.9	51.073	33.55	8.17	8.05	5.9	2.884	99.3
54	9/27/2008 0:46	14.91	51.04	33.52	8.23	8.05	5.6	2.767	100.1
55	9/27/2008 1:01	15.07	50.095	32.83	8.27	8.14	5.8	2.657	100.4
56	9/27/2008 1:16	15.42	51.09	33.57	8.08	8.1	5.6	2.548	99.2
57	9/27/2008 1:31	15.55	51.102	33.58	7.91	8.06	5.6	2.421	97.4
58	9/27/2008 1:46	15.65	51.118	33.6	8.01	8.07	5.9	2.315	98.9
59	9/27/2008 2:01	15.62	51.125	33.6	7.88	8.07	5.2	2.199	97.2
60	9/27/2008 2:16	15.68	51.124	33.6	7.94	8.07	5.3	2.077	98
61	9/27/2008 2:31	15.6	51.134	33.61	7.91	8.06	5.1	1.952	97.6
62	9/27/2008 2:46	15.42	51.107	33.58	7.89	8.05	5.1	1.829	97
63	9/27/2008 3:01	15.39	51.113	33.59	7.84	8.04	4.9	1.698	96.3
64	9/27/2008 3:16	15.49	51.13	33.6	7.71	8.05	5	1.581	94.9
65	9/27/2008 3:31	15.63	51.147	33.62	7.75	8.05	4.3	1.46	95.6
66	9/27/2008 3:46	15.6	49.184	32.18	7.7	8.03	4.1	1.353	94.2
67	9/27/2008 4:01	15.75	51.149	33.62	7.58	8.04	4	1.251	93.8
68	9/27/2008 4:16	15.81	51.191	33.65	7.61	8.05	3.7	1.184	94.3
69	9/27/2008 4:31	15.96	51.193	33.66	7.55	8.06	3.8	1.119	93.8
70	9/27/2008 4:46	15.98	51.209	33.67	7.53	8.05	3.5	1.076	93.5
71	9/27/2008 5:01	15.99	51.22	33.68	7.42	8.05	3.2	1.073	92.2
72	9/27/2008 5:16	15.91	51.184	33.65	7.54	8.05	3.5	1.101	93.5
73	9/27/2008 5:31	16.13	51.248	33.7	7.62	8.08	3.2	1.13	95
74	9/27/2008 5:46	16.03	51.226	33.68	7.64	8.07	4.2	1.184	95.1
75	9/27/2008 6:01	16.11	51.24	33.69	7.66	8.08	3.6	1.259	95.4
76	9/27/2008 6:16	16.11	51.252	33.7	7.66	8.08	3.9	1.357	95.4
77	9/27/2008 6:31	16.11	51.265	33.71	7.65	8.07	4.3	1.429	95.3
78	9/27/2008 6:46	16.08	51.249	33.7	7.63	8.07	4.5	1.526	95
79	9/27/2008 7:01	15.87	51.212	33.67	7.67	8.06	4.5	1.633	95.1
80	9/27/2008 7:16	15.73	51.182	33.65	7.68	8.05	4.5	1.723	95
81	9/27/2008 7:31	15.74	51.179	33.64	7.67	8.06	4.2	1.826	94.9
82	9/27/2008 7:46	15.8	51.196	33.66	7.66	8.06	4.6	1.92	94.9
83	9/27/2008 8:01	15.82	51.188	33.65	7.67	8.08	4.8	2.02	95
84	9/27/2008 8:16	15.81	51.189	33.65	7.7	8.08	5.6	2.119	95.3
85	9/27/2008 8:31	15.75	51.165	33.63	7.75	8.07	6.1	2.212	95.9
86	9/27/2008 8:46	15.62	51.133	33.61	7.82	8.07	6.5	2.308	96.5
87	9/27/2008 9:01	15.49	51.105	33.58	7.86	8.07	7.5	2.412	96.7
88	9/27/2008 9:16	15.35	51.087	33.57	7.95	8.06	7.8	2.5	97.5
89	9/27/2008 9:31	15.19	51.046	33.53	8	8.06	8.5	2.587	97.7
90	9/27/2008 9:46	14.84	51.004	33.49	8.09	8.04	9.2	2.686	98.3
91	9/27/2008 10:01	14.55	50.987	33.47	8.18	8.03	9.2	2.773	98.7
92	9/27/2008 10:16	14.11	50.984	33.46	8.28	8.02	9.4	2.858	99
93	9/27/2008 10:31	13.88	50.957	33.43	8.33	8.01	8	2.938	99.2
94	9/27/2008 10:46	13.75	50.948	33.42	8.34	8.02	7.8	3.024	99
95	9/27/2008 11:01	13.51	50.945	33.41	8.36	8.01	7.1	3.094	98.7
96	9/27/2008 11:16	13.56	50.948	33.41	8.34	8.01	5.4	3.144	98.6
97	9/27/2008 11:31	13.36	50.986	33.43	8.35	8.01	4.2	3.194	98.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
98	9/27/2008 11:46	13.35	51.041	33.47	8.21	8.01	3	3.215	96.7
99	9/27/2008 12:01	13.54	50.896	33.37	8.19	8	3.6	3.21	96.8
100	9/27/2008 12:16	13.3	50.935	33.39	8.24	8	3	3.177	96.8
101	9/27/2008 12:31	13.56	50.967	33.43	8.35	8.01	3.5	3.127	98.7
102	9/27/2008 12:46	13.84	51.03	33.48	8.59	8.03	3.7	3.057	102.2
103	9/27/2008 13:01	14.18	50.977	33.46	8.71	8.06	5.7	2.954	104.3
104	9/27/2008 13:16	14.37	50.993	33.47	8.71	8.05	6.7	2.847	104.7
105	9/27/2008 13:31	14.54	51.009	33.49	8.75	8.06	6.6	2.741	105.5
106	9/27/2008 13:46	14.77	51.029	33.51	8.74	8.06	6.9	2.634	106
107	9/27/2008 14:01	15.19	51.041	33.53	8.81	8.08	5.8	2.527	107.7
108	9/27/2008 14:16	15.59	51.084	33.57	8.77	8.09	5.3	2.413	108.2
109	9/27/2008 14:31	15.69	51.093	33.58	8.65	8.09	5.6	2.302	106.8
110	9/27/2008 14:46	15.89	51.095	33.58	8.89	8.1	4.3	2.198	110.3
111	9/27/2008 15:01	15.85	51.098	33.59	8.91	8.1	4.2	2.094	110.4
112	9/27/2008 15:16	15.97	51.097	33.59	9.03	8.11	4.2	1.988	112.1
113	9/27/2008 15:31	16.08	51.089	33.58	9.3	8.13	3.9	1.883	115.7
114	9/27/2008 15:46	16.08	51.088	33.58	9.5	8.14	3.7	1.778	118.2
115	9/27/2008 16:01	16.08	51.058	33.56	9.67	8.15	3.4	1.68	120.3
116	9/27/2008 16:16	16.1	51.071	33.57	9.43	8.14	3.5	1.578	117.5
117	9/27/2008 16:31	16.22	51.091	33.59	9.57	8.16	3	1.491	119.5
118	9/27/2008 16:46	16.26	51.07	33.57	9.46	8.15	2.9	1.437	118.1
119	9/27/2008 17:01	16.23	51.057	33.56	9.43	8.15	2.6	1.385	117.6
120	9/27/2008 17:16	16.26	51.086	33.58	9.3	8.15	1.8	1.369	116.2
121	9/27/2008 17:31	16.22	51.072	33.57	9.59	8.15	2.8	1.357	119.7
122	9/27/2008 17:46	16.22	51.093	33.59	9.46	8.15	3.4	1.377	118
123	9/27/2008 18:01	16.22	51.079	33.58	9.46	8.14	3.2	1.42	118.1
124	9/27/2008 18:16	16.26	51.111	33.6	9.4	8.14	3.7	1.486	117.5
125	9/27/2008 18:31	16.35	51.12	33.61	9.14	8.17	3.9	1.557	114.4
126	9/27/2008 18:46	16.4	51.158	33.64	9.01	8.16	4	1.652	112.9
127	9/27/2008 19:01	16.64	51.151	33.64	8.87	8.15	6.3	1.747	111.6
128	9/27/2008 19:16	16.31	51.116	33.61	8.95	8.14	5.4	1.835	111.9
129	9/27/2008 19:31	16.24	51.122	33.61	8.93	8.14	4.8	1.93	111.5
130	9/27/2008 19:46	16.21	51.109	33.6	8.9	8.14	4.4	2.018	111.1
131	9/27/2008 20:01	16.24	51.119	33.61	8.8	8.14	4.4	2.107	109.9
132	9/27/2008 20:16	16.18	51.139	33.62	8.68	8.12	4.6	2.196	108.3
133	9/27/2008 20:31	16.02	51.134	33.62	8.5	8.09	4.7	2.282	105.7
134	9/27/2008 20:46	15.82	51.068	33.56	8.44	8.11	5.2	2.373	104.5
135	9/27/2008 21:01	15.54	51.073	33.56	8.43	8.07	5.8	2.455	103.8
136	9/27/2008 21:16	15.34	51.044	33.54	8.45	8.06	6.7	2.541	103.7
137	9/27/2008 21:31	15.23	51.024	33.52	8.46	8.06	6.2	2.631	103.5
138	9/27/2008 21:46	15.04	51.015	33.51	8.51	8.06	6.8	2.715	103.8
139	9/27/2008 22:01	14.67	50.985	33.48	8.61	8.05	7.3	2.804	104.2
140	9/27/2008 22:16	14.34	50.962	33.45	8.66	8.04	7.8	2.888	104.1
141	9/27/2008 22:31	14.02	50.952	33.43	8.68	8.04	6.3	2.97	103.6
142	9/27/2008 22:46	13.79	50.97	33.44	8.77	8.04	5.9	3.045	104.2
143	9/27/2008 23:01	13.73	50.951	33.42	8.79	8.39	4.9	3.114	104.3
144	9/27/2008 23:16	13.64	50.94	33.41	8.79	8.04	4.1	3.172	104.1
145	9/27/2008 23:31	13.53	50.929	33.4	8.79	8.04	3.5	3.209	103.9
146	9/27/2008 23:46	13.85	51.012	33.47	8.46	8.04	2.9	3.224	100.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
147	9/28/2008 0:01	13.7	50.949	33.42	8.58	8.03	2.7	3.228	101.7
148	9/28/2008 0:16	13.65	50.949	33.42	8.62	8.03	2.8	3.21	102.1
149	9/28/2008 0:31	13.71	50.934	33.41	8.63	8.04	3	3.145	102.4
150	9/28/2008 0:46	14.11	50.926	33.42	8.36	8.03	5	3.076	100
151	9/28/2008 1:01	14.13	50.516	33.12	8.31	8.03	4.9	2.994	99.3
152	9/28/2008 1:16	14.6	51.025	33.5	8.08	8.04	5.1	2.885	97.6
153	9/28/2008 1:31	14.66	51.019	33.5	8.04	8.03	5.1	2.77	97.2
154	9/28/2008 1:46	14.67	51.026	33.51	8.1	8.04	4.8	2.649	98
155	9/28/2008 2:01	15.03	51.048	33.53	8.17	8.06	4.3	2.553	99.6
156	9/28/2008 2:16	15.04	51.05	33.53	8.08	8.05	4.5	2.44	98.5
157	9/28/2008 2:31	15.43	51.106	33.58	8.03	8.06	4.6	2.324	98.7
158	9/28/2008 2:46	15.4	51.119	33.59	7.75	8.05	4.6	2.206	95.2
159	9/28/2008 3:01	15.46	51.13	33.6	7.85	8.05	4.7	2.1	96.5
160	9/28/2008 3:16	15.44	51.129	33.6	7.95	8.06	4.7	1.966	97.7
161	9/28/2008 3:31	15.38	51.12	33.59	7.87	8.05	4.8	1.857	96.6
162	9/28/2008 3:46	15.18	51.114	33.58	7.89	8.04	4.3	1.739	96.4
163	9/28/2008 4:01	15.17	51.109	33.58	7.86	8.04	4.1	1.624	96
164	9/28/2008 4:16	15.21	51.128	33.59	7.82	8.03	3.8	1.515	95.6
165	9/28/2008 4:31	15.27	51.139	33.6	7.78	8.04	3.3	1.407	95.3
166	9/28/2008 4:46	15.34	51.146	33.61	7.73	8.04	3.5	1.316	94.8
167	9/28/2008 5:01	15.47	51.153	33.62	7.72	8.05	2.9	1.256	95
168	9/28/2008 5:16	15.57	51.176	33.64	7.69	8.05	2.6	1.196	94.9
169	9/28/2008 5:31	15.68	51.194	33.65	7.74	8.06	2.6	1.17	95.6
170	9/28/2008 5:46	15.75	51.177	33.64	7.67	8.05	1.8	1.176	94.9
171	9/28/2008 6:01	15.66	51.195	33.65	7.77	8.06	2.3	1.196	96
172	9/28/2008 6:16	15.69	51.207	33.66	7.85	8.06	2.4	1.228	97
173	9/28/2008 6:31	15.81	51.226	33.68	7.92	8.08	2.6	1.302	98.2
174	9/28/2008 6:46	15.88	51.24	33.69	7.96	8.08	2.8	1.39	98.8
175	9/28/2008 7:01	15.86	51.225	33.68	7.95	8.08	3.3	1.474	98.6
176	9/28/2008 7:16	15.82	51.232	33.68	7.92	8.08	4	1.576	98.2
177	9/28/2008 7:31	15.6	51.185	33.64	7.9	8.06	4.4	1.677	97.4
178	9/28/2008 7:46	15.43	51.152	33.62	7.85	8.05	3.8	1.771	96.5
179	9/28/2008 8:01	15.43	51.152	33.62	7.86	8.06	4	1.874	96.6
180	9/28/2008 8:16	15.52	51.161	33.63	7.84	8.06	4.2	1.97	96.5
181	9/28/2008 8:31	15.56	51.177	33.64	7.85	8.06	4.3	2.071	96.7
182	9/28/2008 8:46	15.54	51.168	33.63	7.87	8.06	5.1	2.164	97
183	9/28/2008 9:01	15.43	51.139	33.61	7.93	8.05	5.9	2.269	97.4
184	9/28/2008 9:16	15.27	51.09	33.57	7.95	8.05	6.8	2.365	97.4
185	9/28/2008 9:31	15.12	51.078	33.55	8.02	8.04	7.4	2.461	97.9
186	9/28/2008 9:46	15.01	50.939	33.45	8.1	8.04	7.4	2.558	98.6
187	9/28/2008 10:01	14.8	51.01	33.5	8.13	8.03	8.5	2.654	98.7
188	9/28/2008 10:16	14.42	50.982	33.47	8.22	8.03	8.3	2.751	99
189	9/28/2008 10:31	14.1	50.993	33.46	8.29	8.02	8.5	2.845	99.1
190	9/28/2008 10:46	13.81	50.935	33.41	8.31	8.02	7.9	2.936	98.8
191	9/28/2008 11:01	13.58	50.967	33.43	8.37	8.02	7.3	3.023	99
192	9/28/2008 11:16	13.26	50.975	33.42	8.41	8.01	6.7	3.107	98.8
193	9/28/2008 11:31	13.35	50.943	33.4	8.37	8.36	6.1	3.179	98.5
194	9/28/2008 11:46	12.9	50.954	33.39	8.24	8	5.8	3.24	96.1
195	9/28/2008 12:01	12.87	50.938	33.38	8.21	8	4	3.274	95.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
196	9/28/2008 12:16	12.72	50.965	33.39	8.17	8.34	2.6	3.305	94.9
197	9/28/2008 12:31	13.05	50.949	33.39	8.22	8	3.4	3.303	96.2
198	9/28/2008 12:46	12.85	50.954	33.39	8.09	7.99	3	3.278	94.2
199	9/28/2008 13:01	12.81	50.957	33.39	8.15	7.99	3.3	3.224	94.8
200	9/28/2008 13:16	13.27	50.875	33.35	8.36	8.36	4.3	3.139	98.3
201	9/28/2008 13:31	14.3	50.828	33.35	8.97	8.07	5.4	3.058	107.7
202	9/28/2008 13:46	14.42	50.859	33.38	9.17	8.08	4.5	2.947	110.3
203	9/28/2008 14:01	14.67	50.874	33.39	9.18	8.09	4.9	2.832	111
204	9/28/2008 14:16	14.8	50.794	33.34	9.13	8.09	4.9	2.71	110.7
205	9/28/2008 14:31	15.18	50.831	33.38	9.11	8.1	4.4	2.597	111.2
206	9/28/2008 14:46	15.59	50.883	33.42	9.31	8.12	4.5	2.486	114.7
207	9/28/2008 15:01	15.7	50.904	33.44	9.22	8.12	4.1	2.36	113.8
208	9/28/2008 15:16	15.87	50.907	33.45	9.45	8.14	4.3	2.25	117.1
209	9/28/2008 15:31	15.86	50.922	33.46	9.36	8.13	4.2	2.134	115.9
210	9/28/2008 15:46	15.95	50.89	33.43	9.57	8.14	4	2.011	118.7
211	9/28/2008 16:01	16.07	50.883	33.43	9.61	8.15	3.7	1.906	119.5
212	9/28/2008 16:16	16.25	50.936	33.47	9.77	8.16	3.5	1.778	122
213	9/28/2008 16:31	16.28	50.913	33.46	9.67	8.16	3.7	1.671	120.7
214	9/28/2008 16:46	16.32	50.893	33.44	9.71	8.16	3.4	1.565	121.3
215	9/28/2008 17:01	16.43	50.908	33.46	9.63	8.16	3.1	1.446	120.7
216	9/28/2008 17:16	16.5	50.684	33.29	9.87	8.18	3.4	1.365	123.6
217	9/28/2008 17:31	16.52	50.881	33.44	9.65	8.17	2.8	1.29	121.1
218	9/28/2008 17:46	16.61	50.88	33.44	9.59	8.17	2.7	1.24	120.5
219	9/28/2008 18:01	16.55	50.897	33.45	9.3	8.17	1.7	1.223	116.7
220	9/28/2008 18:16	16.45	50.854	33.42	9.68	8.17	3.5	1.219	121.2
221	9/28/2008 18:31	16.49	50.86	33.42	9.55	8.17	3.1	1.243	119.7
222	9/28/2008 18:46	16.56	50.893	33.45	9.46	8.17	3.4	1.288	118.8
223	9/28/2008 19:01	16.55	50.935	33.48	9.44	8.16	3.5	1.353	118.5
224	9/28/2008 19:16	16.91	51.136	33.63	9.51	8.19	3.4	1.446	120.3
225	9/28/2008 19:31	16.95	51.193	33.67	9.28	8.17	4.5	1.535	117.5
226	9/28/2008 19:46	17.14	51.171	33.66	8.98	8.15	7.1	1.63	114.2
227	9/28/2008 20:01	16.85	51.147	33.64	9.01	8.14	5.6	1.737	113.8
228	9/28/2008 20:16	16.72	51.124	33.62	9.03	8.14	5.2	1.827	113.9
229	9/28/2008 20:31	16.68	51.137	33.63	9.05	8.14	4.4	1.912	114
230	9/28/2008 20:46	16.65	51.14	33.63	9.01	8.14	4	2.008	113.5
231	9/28/2008 21:01	16.41	51.122	33.61	8.81	8.12	4.6	2.104	110.4
232	9/28/2008 21:16	16.24	51.103	33.6	8.65	8.11	4.1	2.188	108
233	9/28/2008 21:31	16.13	51.091	33.59	8.61	8.1	4.8	2.283	107.3
234	9/28/2008 21:46	15.82	51.056	33.55	8.56	8.09	5.5	2.372	106
235	9/28/2008 22:01	15.62	51.035	33.53	8.53	8.08	5.7	2.456	105.2
236	9/28/2008 22:16	15.49	51.031	33.53	8.52	8.08	5.9	2.554	104.8
237	9/28/2008 22:31	15.23	50.961	33.47	8.54	8.07	6.8	2.634	104.5
238	9/28/2008 22:46	14.94	50.976	33.48	8.52	8.06	6.8	2.733	103.6
239	9/28/2008 23:01	14.6	50.978	33.47	8.51	8.38	6.4	2.814	102.8
240	9/28/2008 23:16	14.22	50.964	33.45	8.44	8.37	5.9	2.897	101.1
241	9/28/2008 23:31	13.99	50.981	33.45	8.42	8.37	5.4	2.98	100.4
242	9/28/2008 23:46	13.7	50.936	33.41	8.41	8.03	4.7	3.047	99.7
243	9/29/2008 0:01	13.6	50.965	33.43	8.39	8.03	3.8	3.107	99.3
244	9/29/2008 0:16	13.49	50.924	33.39	8.35	8.03	3.6	3.152	98.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
245	9/29/2008 0:31	13.52	50.974	33.43	8.25	8.36	2.9	3.186	97.5
246	9/29/2008 0:46	13.9	50.946	33.42	8.14	8.03	5.1	3.183	96.9
247	9/29/2008 1:01	13.51	50.98	33.43	8.16	8.35	2.5	3.165	96.4
248	9/29/2008 1:16	13.48	50.956	33.42	8.21	8.35	2.5	3.13	96.9
249	9/29/2008 1:31	13.95	50.959	33.43	8.19	8.03	3.6	3.06	97.6
250	9/29/2008 1:46	14.2	50.978	33.46	8.14	8.03	5.2	2.977	97.5
251	9/29/2008 2:01	14.35	50.983	33.46	8.14	8.04	6	2.878	97.8
252	9/29/2008 2:16	14.53	50.99	33.47	8.09	8.04	6.2	2.771	97.6
253	9/29/2008 2:31	14.82	51.014	33.5	8.04	8.05	6.3	2.665	97.6
254	9/29/2008 2:46	14.87	51.02	33.51	8.15	8.05	5.4	2.546	99
255	9/29/2008 3:01	15.37	50.862	33.4	8	8.15	8.5	2.438	98.1
256	9/29/2008 3:16	15.6	51.1	33.58	7.94	8.07	37.5	2.334	97.9
257	9/29/2008 3:31	15.68	51.115	33.59	7.89	8.06	11.8	2.227	97.5
258	9/29/2008 3:46	15.47	51.076	33.56	8.02	8.06	9.2	2.115	98.6
259	9/29/2008 4:01	15.64	51.112	33.59	7.75	8.06	6	2.006	95.6
260	9/29/2008 4:16	15.49	51.096	33.58	7.72	8.05	5.6	1.903	94.9
261	9/29/2008 4:31	15.31	51.059	33.55	7.8	8.03	5.1	1.801	95.6
262	9/29/2008 4:46	15.21	51.059	33.54	7.8	8.04	4.6	1.694	95.5
263	9/29/2008 5:01	15.31	51.074	33.56	7.77	8.04	4.3	1.589	95.2
264	9/29/2008 5:16	15.42	51.095	33.57	7.74	8.05	4	1.513	95
265	9/29/2008 5:31	15.54	51.082	33.57	7.79	8.05	3.3	1.444	95.9
266	9/29/2008 5:46	15.65	51.119	33.6	7.79	8.05	3.2	1.371	96.2
267	9/29/2008 6:01	15.96	51.142	33.62	7.86	8.08	2.8	1.344	97.6
268	9/29/2008 6:16	16.13	51.171	33.64	7.83	8.08	2.1	1.349	97.6
269	9/29/2008 6:31	16.02	51.157	33.63	7.82	8.08	2.6	1.348	97.2
270	9/29/2008 6:46	16.15	51.172	33.65	7.96	8.09	2.8	1.389	99.3
271	9/29/2008 7:01	16.1	51.17	33.64	7.97	8.09	2.8	1.447	99.3
272	9/29/2008 7:16	16.24	51.195	33.66	8.05	8.1	2.8	1.521	100.6
273	9/29/2008 7:31	16.16	51.187	33.66	8.01	8.1	3.7	1.611	99.9
274	9/29/2008 7:46	16.09	51.179	33.65	7.99	8.09	4.3	1.703	99.6
275	9/29/2008 8:01	15.99	51.164	33.64	7.95	8.08	4.2	1.798	98.8
276	9/29/2008 8:16	15.77	51.128	33.61	7.87	8.07	5.1	1.907	97.3
277	9/29/2008 8:31	15.74	51.12	33.6	7.88	8.07	4.8	1.988	97.4
278	9/29/2008 8:46	15.75	51.115	33.6	7.88	8.07	4.4	2.079	97.4
279	9/29/2008 9:01	15.74	51.123	33.6	7.89	8.07	5	2.176	97.6
280	9/29/2008 9:16	15.67	51.093	33.58	7.91	8.07	5.1	2.27	97.7
281	9/29/2008 9:31	15.52	51.081	33.57	7.94	8.06	6.5	2.371	97.7
282	9/29/2008 9:46	15.31	51.053	33.54	7.93	8.05	6.9	2.456	97.2
283	9/29/2008 10:01	15.11	51.053	33.54	7.96	8.04	6.7	2.551	97.1
284	9/29/2008 10:16	14.99	51.033	33.52	7.97	8.37	6.8	2.647	97
285	9/29/2008 10:31	14.59	50.997	33.48	7.97	8.03	7.3	2.745	96.2
286	9/29/2008 10:46	14.38	50.977	33.46	7.92	8.02	7.3	2.841	95.3
287	9/29/2008 11:01	13.78	50.974	33.44	7.93	8	7.7	2.936	94.2
288	9/29/2008 11:16	13.46	50.967	33.42	7.89	7.99	6.7	3.027	93.2
289	9/29/2008 11:31	13.2	50.965	33.41	7.88	7.98	5.9	3.117	92.5
290	9/29/2008 11:46	13.11	50.986	33.42	7.86	7.98	5.6	3.205	92
291	9/29/2008 12:01	12.95	50.987	33.42	7.85	8.32	5.1	3.269	91.7
292	9/29/2008 12:16	12.93	50.956	33.39	7.86	8.32	4	3.322	91.8
293	9/29/2008 12:31	12.88	50.964	33.4	7.93	8.33	3.2	3.374	92.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
294	9/29/2008 12:46	12.79	50.986	33.41	7.89	8.32	2.4	3.398	91.9
295	9/29/2008 13:01	13.11	51.006	33.44	7.81	8.32	2.4	3.383	91.5
296	9/29/2008 13:16	12.86	50.98	33.41	7.82	8.32	2	3.366	91.2
297	9/29/2008 13:31	12.86	50.846	33.31	7.85	8.32	2.6	3.31	91.4
298	9/29/2008 13:46	13.33	50.945	33.4	8.04	8.34	3.5	3.226	94.7
299	9/29/2008 14:01	13.64			8.32	8.36	4.2	3.138	98.1
300	9/29/2008 14:16	13.97			8.37	8.36	4.8	3.03	98.8
301	9/29/2008 14:31	13.98			8.37	8.36	5	2.91	98.7
302	9/29/2008 14:46	14.18			8.41	8.06	4.9	2.79	99.6
303	9/29/2008 15:01	14.6			8.42	8.06	5.6	2.676	100.2
304	9/29/2008 15:16	15.15			8.49	8.08	5	2.555	102.3
305	9/29/2008 15:31	15.35			8.5	8.09	5.7	2.43	103.2
306	9/29/2008 15:46	15.24			8.73	8.09	4.8	2.299	105.1
307	9/29/2008 16:01	15.39			8.71	8.1	4.5	2.193	105.8
308	9/29/2008 16:16	15.58			8.66	8.12	4.5	2.065	106.6
309	9/29/2008 16:31	15.65			8.72	8.12	4.1	1.931	107
310	9/29/2008 16:46	15.55			8.8	8.12	3.5	1.815	107.7
311	9/29/2008 17:01	15.38			8.86	8.12	3.7	1.697	108.1
312	9/29/2008 17:16	15.48			8.72	8.12	3.4	1.567	106.6
313	9/29/2008 17:31	15.52			8.7	8.12	3.5	1.453	106.4
314	9/29/2008 17:46	15.67			8.52	8.12	3.2	1.354	104.5
315	9/29/2008 18:01	15.81			8.51	8.12	3	1.25	104.5
316	9/29/2008 18:16	15.91			8.48	8.12	3.1	1.189	104.2
317	9/29/2008 18:31	15.92			8.42	8.12	2.7	1.154	103.3
318	9/29/2008 18:46	16.11			8.3	8.12	2.3	1.13	102.3
319	9/29/2008 19:01	15.91			8.5	8.12	3.1	1.137	104.6
320	9/29/2008 19:16	16.13			8.4	8.13	2.7	1.181	104.2
321	9/29/2008 19:31	16.11			8.38	8.12	3.1	1.233	104
322	9/29/2008 19:46	16.38			8.42	8.14	3	1.308	105
323	9/29/2008 20:01	16.29			8.41	8.14	3.8	1.398	104.6
324	9/29/2008 20:16	16.29			8.38	8.14	4	1.488	104.2
325	9/29/2008 20:31	16.27			8.29	8.13	4.8	1.593	103
326	9/29/2008 20:46	16.02			8.26	8.11	4.9	1.693	102.1
327	9/29/2008 21:01	15.92			8.26	8.11	4.3	1.786	101.9
328	9/29/2008 21:16	15.94			8.27	8.11	3.8	1.874	102
329	9/29/2008 21:31	15.99			8.22	8.11	4	1.973	101.5
330	9/29/2008 21:46	15.99			8.18	8.11	4.2	2.08	101.1
331	9/29/2008 22:01	15.9			8.13	8.1	4.6	2.163	100.2
332	9/29/2008 22:16	15.76			8.07	8.39	5	2.251	99.2
333	9/29/2008 22:31	15.54			8.03	8.07	5.4	2.354	98.3
334	9/29/2008 22:46	15.38			8.01	8.07	6	2.446	97.6
335	9/29/2008 23:01	15.27			7.98	8.06	6.3	2.524	97.2
336	9/29/2008 23:16	15.02			7.98	8.37	6.8	2.615	96.7
337	9/29/2008 23:31	14.72			8	8.05	6.7	2.71	96.2
338	9/29/2008 23:46	14.42			8.03	8.04	6.6	2.783	96
339	9/30/2008 0:01	14.09			8.12	8.36	5.9	2.868	96.1
340	9/30/2008 0:16	13.81			8.17	8.36	5	2.945	96.1
341	9/30/2008 0:31	13.66			8.21	8.36	4.6	3.013	96.2
342	9/30/2008 0:46	13.57			8.24	8.36	4.3	3.071	96.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
343	9/30/2008 1:01	13.51			8.22	8.36	3.4	3.112	96.2
344	9/30/2008 1:16	13.47			8.21	8.36	3.1	3.146	96
345	9/30/2008 1:31	13.94			7.92	8.04	3.5	3.154	93.5
346	9/30/2008 1:46	13.56			8.11	8.35	3.2	3.141	94.9
347	9/30/2008 2:01	13.55			8.11	8.35	2.1	3.106	94.9
348	9/30/2008 2:16	13.87			8.03	8.35	3.2	3.04	94.6
349	9/30/2008 2:31	14.11			7.85	8.35	4.8	2.959	93.5
350	9/30/2008 2:46	14.21			7.83	8.35	4.8	2.859	93.4
351	9/30/2008 3:01	14.49			7.82	8.03	5.3	2.77	92.2
352	9/30/2008 3:16	14.61			7.8	8.03	5.3	2.659	92
353	9/30/2008 3:31	14.74			7.73	8.03	4.9	2.554	91.6
354	9/30/2008 3:46	15.09			7.59	8.04	4.5	2.464	91
355	9/30/2008 4:01	15.29			7.39	8.03	4.5	2.354	89.2
356	9/30/2008 4:16	15.42			7.34	8.03	4.3	2.262	88.5
357	9/30/2008 4:31	15.42			7.38	8.03	4.2	2.167	88.9
358	9/30/2008 4:46	15.37			7.43	8.03	3.8	2.066	89.4
359	9/30/2008 5:01	15.34			7.36	8.02	3.7	1.974	88.6
360	9/30/2008 5:16	15.23			7.33	8.02	3.7	1.888	88
361	9/30/2008 5:31	15.03			7.37	8.01	3.4	1.807	88.1
362	9/30/2008 5:46	14.96			7.4	8.01	3.5	1.717	88.3
363	9/30/2008 6:01	15.09			7.41	8.02	3.2	1.65	88.6
364	9/30/2008 6:16	15.15			7.41	8.32	2.9	1.603	88.6
365	9/30/2008 6:31	15.33			7.39	8.03	2.7	1.558	88.8
366	9/30/2008 6:46	15.44			7.41	8.04	2.4	1.542	89.1
367	9/30/2008 7:01	15.4			7.4	8.03	2.4	1.55	88.9
368	9/30/2008 7:16	15.52			7.47	8.04	2.7	1.564	90
369	9/30/2008 7:31	15.54			7.48	8.04	2.8	1.612	90.3
370	9/30/2008 7:46	15.76			7.55	8.06	2.7	1.671	91.3
371	9/30/2008 8:01	15.76			7.53	8.06	3.1	1.739	91.2
372	9/30/2008 8:16	15.72			7.56	8.06	4.1	1.837	91.4
373	9/30/2008 8:31	15.64			7.59	8.05	4.4	1.931	91.5
374	9/30/2008 8:46	15.42			7.54	8.04	4.4	2.01	91.2
375	9/30/2008 9:01	15.34			7.55	8.03	4.6	2.097	90.7
376	9/30/2008 9:16	15.38			7.59	8.04	4.4	2.199	91.2
377	9/30/2008 9:31	15.37			7.63	8.35	4.6	2.284	91.5
378	9/30/2008 9:46	15.29			7.69	8.35	4.7	2.369	92.1
379	9/30/2008 10:01	15.21			7.73	8.35	5.2	2.46	92.5
380	9/30/2008 10:16	15.06			7.78	8.35	5.6	2.548	92.8
381	9/30/2008 10:31	14.83			7.82	8.35	6.8	2.643	93
382	9/30/2008 10:46	14.67			7.9	8.35	6.8	2.727	93.7
383	9/30/2008 11:01	14.54			7.97	8.35	6.9	2.829	94.2
384	9/30/2008 11:16	14.32			8.12	8.36	6.9	2.924	95.5
385	9/30/2008 11:31	14.06			8.26	8.36	6.4	3.009	96.8
386	9/30/2008 11:46	13.81			8.51	8.38	6.3	3.105	99.2
387	9/30/2008 12:01	13.52			8.66	8.39	5.2	3.187	101.3
388	9/30/2008 12:16	13.49			8.8	8.4	4.8	3.267	102.4
389	9/30/2008 12:31	13.47			8.89	8.41	3.9	3.326	103.3
390	9/30/2008 12:46	13.46			8.98	8.41	3.8	3.393	104.1
391	9/30/2008 13:01	13.48			9.03	8.42	3	3.43	104.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
392	9/30/2008 13:16	13.98			8.82	8.41	2.9	3.444	103.2
393	9/30/2008 13:31	13.68			8.8	8.4	2.4	3.442	102.4
394	9/30/2008 13:46	13.66			8.84	8.4	2.8	3.404	102.7
395	9/30/2008 14:01	13.7			8.95	8.41	2.9	3.346	104
396	9/30/2008 14:16	13.87			9	8.41	3	3.264	105.1
397	9/30/2008 14:31	14.26			9.03	8.42	4	3.158	106.5
398	9/30/2008 14:46	14.36			8.95	8.42	5	3.052	106
399	9/30/2008 15:01	14.84			8.94	8.12	4.5	2.935	106.6
400	9/30/2008 15:16	14.64			8.9	8.11	5.5	2.811	105.5
401	9/30/2008 15:31	15.19			9	8.42	4.5	2.7	107.6
402	9/30/2008 15:46	15.61			8.92	8.13	4.3	2.577	107.5
403	9/30/2008 16:01	15.8			8.84	8.13	4.6	2.463	107
404	9/30/2008 16:16	15.76			8.9	8.13	3.8	2.33	107.6
405	9/30/2008 16:31	15.9			8.92	8.14	3.8	2.211	108.4
406	9/30/2008 16:46	16.01			9.11	8.15	4.5	2.081	110.7
407	9/30/2008 17:01	16.04			9.13	8.15	4.1	1.951	111
408	9/30/2008 17:16	16.04			9.17	8.16	3.6	1.825	111.6
409	9/30/2008 17:31	16.09			9.02	8.16	3.8	1.696	110.3
410	9/30/2008 17:46	16.15			8.98	8.17	3.9	1.566	110.4
411	9/30/2008 18:01	16.23			9	8.17	4.1	1.45	109.9
412	9/30/2008 18:16	16.28			8.83	8.15	3.5	1.324	108
413	9/30/2008 18:31	16.36			8.71	8.15	3.4	1.234	106.7
414	9/30/2008 18:46	16.5			8.71	8.16	3.2	1.158	107
415	9/30/2008 19:01	16.6			8.66	8.16	3	1.082	107
416	9/30/2008 19:16	16.71			8.59	8.16	3.3	1.067	107
417	9/30/2008 19:31	16.46			8.66	8.17	3.9	1.065	107.2
418	9/30/2008 19:46	16.88			8.69	8.18	2.8	1.087	108.5
419	9/30/2008 20:01	16.91			8.69	8.18	2.6	1.128	108.7
420	9/30/2008 20:16	16.83			8.61	8.17	2.6	1.2	107.4
421	9/30/2008 20:31	17.01			8.75	8.2	2.8	1.279	109.1
422	9/30/2008 20:46	16.88			8.63	8.17	3.2	1.363	107.6
423	9/30/2008 21:01	17.16			8.12	8.13	5.5	1.463	101.8
424	9/30/2008 21:16	17.11			8.09	8.12	6	1.55	101.4
425	9/30/2008 21:31	16.85			8.23	8.12	5.1	1.648	102.3
426	9/30/2008 21:46	16.73			8.23	8.12	4.6	1.736	102.4
427	9/30/2008 22:01	16.69			8.26	8.12	4.3	1.83	102.6
428	9/30/2008 22:16	16.59			8.28	8.13	4.5	1.931	102.6
429	9/30/2008 22:31	16.44			8.17	8.12	5	2.019	101.1
430	9/30/2008 22:46	16.31			8.08	8.1	4.5	2.113	99.7
431	9/30/2008 23:01	16.27			8.04	8.1	5.2	2.205	99.2
432	9/30/2008 23:16	16.1			8.03	8.1	5.1	2.296	98.7
433	9/30/2008 23:31	15.9			8.04	8.09	5.4	2.386	98.3
434	9/30/2008 23:46	15.81			8	8.09	5.6	2.463	97.8
435	10/1/2008 0:01	15.62			8.09	8.39	5.6	2.553	97.9
436	10/1/2008 0:16	15.4			8.13	8.39	6.9	2.633	98.1
437	10/1/2008 0:31	15.09			8.21	8.39	6.8	2.719	98.5
438	10/1/2008 0:46	14.76			8.34	8.4	6.8	2.785	99.6
439	10/1/2008 1:01	14.59			8.45	8.41	5.4	2.866	100.3
440	10/1/2008 1:16	14.41			8.53	8.41	4.5	2.932	100.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
441	10/1/2008 1:31	14.35			8.52	8.42	4.4	2.98	100.6
442	10/1/2008 1:46	14.34			8.52	8.42	3.4	3.03	100.2
443	10/1/2008 2:01	14.6			8.03	8.39	3.7	3.054	95.5
444	10/1/2008 2:16	14.62			7.96	8.39	3.8	3.067	94.9
445	10/1/2008 2:31	14.5			8.19	8.4	2.8	3.058	97.4
446	10/1/2008 2:46	14.92			7.8	8.37	3.9	3.001	93.6
447	10/1/2008 3:01	14.67			7.97	8.39	4	2.961	95.1
448	10/1/2008 3:16	14.83			7.89	8.38	4.3	2.9	94.5
449	10/1/2008 3:31	15.03			7.72	8.07	5.5	2.804	93.1
450	10/1/2008 3:46	15.27			7.61	8.36	4.5	2.712	91.4
451	10/1/2008 4:01	15.15			7.67	8.07	4.5	2.616	91.8
452	10/1/2008 4:16	15.25			7.59	8.08	4.3	2.528	91
453	10/1/2008 4:31	15.33			7.43	8.06	4.3	2.432	89.3
454	10/1/2008 4:46	15.25			7.52	8.07	4	2.346	90.2
455	10/1/2008 5:01	15.66			7.43	8.07	3.7	2.256	89.8
456	10/1/2008 5:16	15.56			7.44	8.35	4	2.172	89.8
457	10/1/2008 5:31	15.68			7.42	8.35	3.8	2.1	89.7
458	10/1/2008 5:46	15.62			7.44	8.35	3.5	2.01	89.9
459	10/1/2008 6:01	15.7			7.44	8.06	3.3	1.941	90
460	10/1/2008 6:16	15.57			7.39	8.06	3.3	1.881	89.1
461	10/1/2008 6:31	15.48			7.36	8.06	3.2	1.811	89.2
462	10/1/2008 6:46	15.38			7.35	8.33	3	1.765	88.9
463	10/1/2008 7:01	15.52			7.37	8.07	2.9	1.734	89.3
464	10/1/2008 7:16	15.64			7.42	8.08	2.3	1.717	90.1
465	10/1/2008 7:31	15.69			7.43	8.08	2.4	1.725	90.2
466	10/1/2008 7:46	15.78			7.5	8.09	2.4	1.739	91
467	10/1/2008 8:01	15.64			7.52	8.35	2.7	1.772	90.8
468	10/1/2008 8:16	15.92			7.61	8.37	2.5	1.833	92.8
469	10/1/2008 8:31	15.91			7.66	8.08	2.6	1.896	93.1
470	10/1/2008 8:46	15.89			7.64	8.08	3.5	1.968	92.9
471	10/1/2008 9:01	15.8			7.66	8.08	4.3	2.047	92.7
472	10/1/2008 9:16	15.66			7.59	8.07	4.5	2.122	91.9
473	10/1/2008 9:31	15.6			7.6	8.36	4	2.208	91.7
474	10/1/2008 9:46	15.59			7.65	8.36	4	2.283	92.1
475	10/1/2008 10:01	15.54			7.68	8.36	4.2	2.364	92.4
476	10/1/2008 10:16	15.33			7.81	8.37	4.5	2.447	93.6
477	10/1/2008 10:31	15.29			7.92	8.38	4.9	2.524	94.8
478	10/1/2008 10:46	15.14			8.03	8.38	4.9	2.61	95.9
479	10/1/2008 11:01	14.99			8.1	8.39	5.2	2.696	96.4
480	10/1/2008 11:16	14.8			8.22	8.39	5.7	2.784	97.4
481	10/1/2008 11:31	14.66			8.29	8.4	5.4	2.87	97.9
482	10/1/2008 11:46	14.39			8.43	8.41	5.8	2.958	99
483	10/1/2008 12:01	14.06			8.62	8.42	5.1	3.054	100.5
484	10/1/2008 12:16	13.88			8.71	8.43	5.2	3.122	101.1
485	10/1/2008 12:31	13.63			8.79	8.44	4.2	3.195	102
486	10/1/2008 12:46	13.52			8.86	8.44	4.2	3.272	102.6
487	10/1/2008 13:01	13.4			8.92	8.45	3.7	3.319	102.9
488	10/1/2008 13:16	13.43			8.91	8.45	3.4	3.37	102.8
489	10/1/2008 13:31	13.55			8.87	8.45	2.1	3.403	102.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
490	10/1/2008 13:46	13.66			8.74	8.45	1.6	3.422	101.2
491	10/1/2008 14:01	13.58			8.67	8.44	2.3	3.399	101.1
492	10/1/2008 14:16	13.54			8.7	8.44	1.9	3.378	101
493	10/1/2008 14:31	13.59			8.75	8.45	2.1	3.328	101.6
494	10/1/2008 14:46	14.01			8.76	8.45	2.3	3.252	102.6
495	10/1/2008 15:01	14.19			8.89	8.47	3.3	3.164	104.6
496	10/1/2008 15:16	14.6			8.86	8.47	3.4	3.049	105.1
497	10/1/2008 15:31	14.7			8.83	8.46	3.8	2.949	104.8
498	10/1/2008 15:46	14.8			8.86	8.46	3.7	2.845	105.1
499	10/1/2008 16:01	14.98			8.68	8.45	3.8	2.72	103.9
500	10/1/2008 16:16	15.38			8.59	8.45	3.8	2.606	103.5
501	10/1/2008 16:31	15.67			8.47	8.16	3.8	2.489	102.7
502	10/1/2008 16:46	15.52			8.48	8.15	4	2.377	102.7
503	10/1/2008 17:01	15.63			8.48	8.15	4	2.259	102.5
504	10/1/2008 17:16	15.82			8.62	8.18	3.8	2.134	104.2
505	10/1/2008 17:31	16.07			8.73	8.18	3.4	2.022	106
506	10/1/2008 17:46	15.97			8.71	8.19	3.4	1.889	105.8
507	10/1/2008 18:01	15.92			8.54	8.17	3.6	1.777	103.4
508	10/1/2008 18:16	15.82			8.52	8.17	4	1.64	103.1
509	10/1/2008 18:31	16.04			8.42	8.18	4.6	1.535	102.4
510	10/1/2008 18:46	16.14			8.29	8.18	4.2	1.421	101.5
511	10/1/2008 19:01	16.16			8.19	8.17	3.7	1.309	100.2
512	10/1/2008 19:16	16.27			8.11	8.17	4.1	1.217	99.6
513	10/1/2008 19:31	16.26			8	8.16	4.1	1.164	98.4
514	10/1/2008 19:46	16.36			7.97	8.16	4	1.115	98
515	10/1/2008 20:01	16.38			7.94	8.16	3.6	1.083	97.4
516	10/1/2008 20:16	16.26			7.93	8.16	4.2	1.084	97.1
517	10/1/2008 20:31	16.3			8.12	8.16	3.8	1.118	99.2
518	10/1/2008 20:46	16.31			8.04	8.16	3.7	1.141	98.4
519	10/1/2008 21:01	16.48			8.09	8.17	3	1.212	99.3
520	10/1/2008 21:16	16.68			8.28	8.18	2.7	1.306	101.8
521	10/1/2008 21:31	16.56			8.16	8.17	3.2	1.391	100.4
522	10/1/2008 21:46	16.56			8.06	8.16	3.8	1.47	99
523	10/1/2008 22:01	16.56			7.84	8.13	5.2	1.553	96.5
524	10/1/2008 22:16	16.36			7.97	8.14	4.9	1.662	97.5
525	10/1/2008 22:31	16.29			7.93	8.14	4.2	1.722	97
526	10/1/2008 22:46	16.33			7.91	8.14	4.1	1.822	96.7
527	10/1/2008 23:01	16.33			7.87	8.13	4.3	1.909	96.4
528	10/1/2008 23:16	16.26			7.89	8.13	4.8	1.989	96.5
529	10/1/2008 23:31	16.15			7.87	8.42	4.8	2.094	95.8
530	10/1/2008 23:46	16.08			7.83	8.12	4.8	2.16	95.1
531	10/2/2008 0:01	15.95			7.81	8.12	5.2	2.257	94.7
532	10/2/2008 0:16	15.84			7.83	8.12	5	2.34	94.7
533	10/2/2008 0:31	15.75			7.84	8.4	5.1	2.411	94.5
534	10/2/2008 0:46	15.55			7.87	8.4	5.7	2.503	94.6
535	10/2/2008 1:01	15.38			7.91	8.13	6	2.57	95
536	10/2/2008 1:16	15.17			7.91	8.13	4.5	2.639	94.5
537	10/2/2008 1:31	14.91			8	8.41	4.7	2.708	95.1
538	10/2/2008 1:46	14.69			8.07	8.41	4.6	2.786	95.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
539	10/2/2008 2:01	14.42			8.14	8.42	4.2	2.846	95.6
540	10/2/2008 2:16	14.47			8.08	8.42	4.3	2.889	95.3
541	10/2/2008 2:31	14.18			8.13	8.42	3.4	2.932	95.2
542	10/2/2008 2:46	14.1			8.08	8.42	3.4	2.945	94.5
543	10/2/2008 3:01	14.5				8.13	3.1	2.96	
544	10/2/2008 3:16	14.3				8.41	2.4	2.955	
545	10/2/2008 3:31	14.3				8.41	2.3	2.91	
546	10/2/2008 3:46	14.27				8.41	2.7	2.864	
547	10/2/2008 4:01	14.94				8.38	3.8	2.818	
548	10/2/2008 4:16	15.19				8.37	4.8	2.739	
549	10/2/2008 4:31	15.34				8.37	4.8	2.65	
550	10/2/2008 4:46	15.53				8.36	5	2.586	
551	10/2/2008 5:01	15.49				8.36	4.2	2.49	
552	10/2/2008 5:16	15.5				8.37	3.7	2.41	
553	10/2/2008 5:31	15.73				8.34	4	2.33	
554	10/2/2008 5:46	15.85				8.34	3.9	2.251	
555	10/2/2008 6:01	15.88				8.33	4.1	2.193	
556	10/2/2008 6:16	15.9				8.33	3.7	2.117	
557	10/2/2008 6:31	15.93				8.33	3.8	2.065	
558	10/2/2008 6:46	15.93				8.33	3.5	2.011	
559	10/2/2008 7:01	15.92				8.06	3.1	1.963	
560	10/2/2008 7:16	15.89				8.06	3	1.931	
561	10/2/2008 7:31	15.93				8.34	2.9	1.907	
562	10/2/2008 7:46	15.94				8.34	2.4	1.89	
563	10/2/2008 8:01	15.9				8.06	3.1	1.902	
564	10/2/2008 8:16	15.92				8.07	3.2	1.912	
565	10/2/2008 8:31	15.92				8.34	3.4	1.939	
566	10/2/2008 8:46	15.96				8.09	3.1	1.984	
567	10/2/2008 9:01	16				8.37	2.9	2.025	
568	10/2/2008 9:16	15.96				8.09	3.7	2.097	
569	10/2/2008 9:31	15.92				8.36	4.5	2.162	
570	10/2/2008 9:46	15.81				8.36	4.3	2.226	
571	10/2/2008 10:01	15.73				8.36	4	2.303	
572	10/2/2008 10:16	15.67				8.36	4	2.382	
573	10/2/2008 10:31	15.57				8.37	4.6	2.45	
574	10/2/2008 10:46	15.34				8.38	4.8	2.523	
575	10/2/2008 11:01	15.17				8.39	4.3	2.606	
576	10/2/2008 11:16	15.09				8.4	4.8	2.687	
577	10/2/2008 11:31	14.94				8.4	4.7	2.769	
578	10/2/2008 11:46	14.72				8.4	4.3	2.852	
579	10/2/2008 12:01	14.58				8.4	4.3	2.934	
580	10/2/2008 12:16	14.34				8.39	4.1	3.022	
581	10/2/2008 12:31	14.16				8.39	3.9	3.094	
582	10/2/2008 12:46	14				8.39	3.7	3.167	
583	10/2/2008 13:01	13.92				8.39	3.2	3.235	
584	10/2/2008 13:16	13.75				8.38	2.7	3.285	
585	10/2/2008 13:31	13.74				8.38	2.5	3.337	
586	10/2/2008 13:46	13.7				8.38	2.3	3.377	
587	10/2/2008 14:01	13.71				8.38	1.9	3.387	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
588	10/2/2008 14:16	14.27				8.39	2	3.398	
589	10/2/2008 14:31	14.15				8.39	2	3.388	
590	10/2/2008 14:46	13.81				8.37	1.8	3.339	
591	10/2/2008 15:01	14.45				8.4	2.1	3.287	
592	10/2/2008 15:16	14.23				8.4	2.4	3.219	
593	10/2/2008 15:31	14.69				8.14	3.1	3.136	
594	10/2/2008 15:46	14.64				8.41	3.2	3.034	
595	10/2/2008 16:01	15.04				8.43	3.4	2.931	
596	10/2/2008 16:16	15.16				8.42	3.5	2.829	
597	10/2/2008 16:31	15.6				8.45	3.1	2.724	
598	10/2/2008 16:46	15.72				8.44	3.2	2.61	
599	10/2/2008 17:01	16.04				8.44	3.6	2.5	
600	10/2/2008 17:16	16.16				8.44	4.2	2.394	
601	10/2/2008 17:31	16.01				8.17	4.5	2.276	
602	10/2/2008 17:46	16.2				8.45	3.7	2.152	
603	10/2/2008 18:01	16.2				8.45	4	2.035	
604	10/2/2008 18:16	16.21				8.18	3.8	1.932	
605	10/2/2008 18:31	16.18				8.44	3.8	1.791	
606	10/2/2008 18:46	16.16				8.43	4.3	1.686	
607	10/2/2008 19:01	16.16				8.43	4.2	1.573	
608	10/2/2008 19:16	16.19				8.16	3.7	1.442	
609	10/2/2008 19:31	16.28				8.16	3.6	1.343	
610	10/2/2008 19:46	16.43				8.16	3.1	1.259	
611	10/2/2008 20:01	16.48				8.16	3.5	1.19	
612	10/2/2008 20:16	16.5				8.15	3.2	1.138	
613	10/2/2008 20:31	16.67				8.16	3.2	1.093	
614	10/2/2008 20:46	16.76				8.15	2.8	1.098	
615	10/2/2008 21:01	16.55				8.15	3.6	1.115	
616	10/2/2008 21:16	16.8				8.16	2.5	1.135	
617	10/2/2008 21:31	16.76				8.42	2.6	1.181	
618	10/2/2008 21:46	17.04				8.18	2.9	1.269	
619	10/2/2008 22:01	17				8.18	3.3	1.342	
620	10/2/2008 22:16	17.08				8.13	4.8	1.405	
621	10/2/2008 22:31	17.09				8.11	5.7	1.503	
622	10/2/2008 22:46	16.99				8.12	5.3	1.573	
623	10/2/2008 23:01	16.76				8.13	4.2	1.657	
624	10/2/2008 23:16	16.69				8.14	4	1.737	
625	10/2/2008 23:31	16.69				8.14	4.1	1.807	
626	10/2/2008 23:46	16.6				8.14	3.6	1.91	
627	10/3/2008 0:01	16.53				8.4	4.2	1.99	
628	10/3/2008 0:16	16.48				8.4	3.7	2.057	
629	10/3/2008 0:31	16.47				8.4	3.8	2.142	
630	10/3/2008 0:46	16.42				8.4	3.9	2.221	
631	10/3/2008 1:01	16.28				8.39	4	2.296	
632	10/3/2008 1:16	16.15				8.4	4.3	2.37	
633	10/3/2008 1:31	16.12				8.39	4.2	2.438	
634	10/3/2008 1:46	16.08				8.39	4.3	2.5	
635	10/3/2008 2:01	15.73				8.39	4.5	2.564	
636	10/3/2008 2:16	15.51				8.39	4.2	2.633	

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
637	10/3/2008 2:31	15.27				8.38	4	2.682	
638	10/3/2008 2:46	15.14				8.38	3.5	2.735	
639	10/3/2008 3:01	14.92				8.38	3.2	2.78	
640	10/3/2008 3:16	14.85				8.38	2.9	2.813	
641	10/3/2008 3:31	14.78				8.38	2.3	2.83	
642	10/3/2008 3:46	15.43				8.37	3	2.835	
643	10/3/2008 4:01	15.39				8.1	2.8	2.84	
644	10/3/2008 4:16	15.2				8.1	2.6	2.818	
645	10/3/2008 4:31	15.15				8.1	2.6	2.765	
646	10/3/2008 4:46	15.44				8.36	3.1	2.707	
647	10/3/2008 5:01	15.59				8.36	3.7	2.646	
648	10/3/2008 5:16	15.6				8.09	3.6	2.587	
649	10/3/2008 5:31	15.74				8.36	3.5	2.499	
650	10/3/2008 5:46	15.78				8.36	3.4	2.431	
651	10/3/2008 6:01	15.94				8.34	3.3	2.364	
652	10/3/2008 6:16	16.02				8.33	3.1	2.302	
653	10/3/2008 6:31	16.14				8.07	2.8	2.26	
654	10/3/2008 6:46	16.19				8.05	3.1	2.189	
655	10/3/2008 7:01	16.27				8.06	3.1	2.144	
656	10/3/2008 7:16	16.27				8.31	3.1	2.118	
657	10/3/2008 7:31	16.29				8.31	2.9	2.085	
658	10/3/2008 7:46	16.31				8.33	3.1	2.052	
659	10/3/2008 8:01	16.32				8.33	2.4	2.035	
660	10/3/2008 8:16	16.32				8.34	2.8	2.048	
661	10/3/2008 8:31	16.32				8.34	2.8	2.039	
662	10/3/2008 8:46	16.26				8.07	2.8	2.041	
663	10/3/2008 9:01	16.24				8.07	3.1	2.07	
664	10/3/2008 9:16	16.24				8.34	2.9	2.105	
665	10/3/2008 9:31	16.19				8.35	3.2	2.147	
666	10/3/2008 9:46	16.13				8.35	3.5	2.186	
667	10/3/2008 10:01	16				8.09	4	2.251	
668	10/3/2008 10:16	15.75				8.36	4.5	2.304	
669	10/3/2008 10:31	15.57				8.36	4.5	2.362	
670	10/3/2008 10:46	15.47				8.36	4.4	2.429	
671	10/3/2008 11:01	15.31				8.37	4.1	2.493	
672	10/3/2008 11:16	15.21				8.1	4.3	2.565	
673	10/3/2008 11:31	15.04				8.37	3.8	2.625	
674	10/3/2008 11:46	14.94				8.37	4	2.704	
675	10/3/2008 12:01	14.8				8.37	3.7	2.772	
676	10/3/2008 12:16	14.68				8.37	3.8	2.841	
677	10/3/2008 12:31	14.63				8.37	3.6	2.92	
678	10/3/2008 12:46	14.52				8.36	3.4	2.984	
679	10/3/2008 13:01	14.47				8.36	3.5	3.053	
680	10/3/2008 13:16	14.4				8.36	3.1	3.112	
681	10/3/2008 13:31	14.36				8.36	2.9	3.175	
682	10/3/2008 13:46	14.33				8.36	2.7	3.216	
683	10/3/2008 14:01	14.29				8.36	2.5	3.257	
684	10/3/2008 14:16	14.28				8.36	2.2	3.29	
685	10/3/2008 14:31	14.28				8.35	1.8	3.305	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
686	10/3/2008 14:46	15.24				8.36	2.4	3.308	
687	10/3/2008 15:01	15.02				8.36	2.7	3.297	
688	10/3/2008 15:16	14.85				8.36	2.3	3.275	
689	10/3/2008 15:31	14.79				8.36	2.3	3.227	
690	10/3/2008 15:46	14.71				8.37	2.1	3.165	
691	10/3/2008 16:01	14.77				8.38	2.1	3.099	
692	10/3/2008 16:16	14.62				8.37	2	3.018	
693	10/3/2008 16:31	14.55				8.36	2.1	2.935	
694	10/3/2008 16:46	14.57				8.36	2.6	2.839	
695	10/3/2008 17:01	14.65				8.37	2.6	2.729	
696	10/3/2008 17:16	14.88				8.36	3	2.641	
697	10/3/2008 17:31	15.09				8.36	2.4	2.534	
698	10/3/2008 17:46	15.29				8.36	2.5	2.428	
699	10/3/2008 18:01	15.52				8.36	2.7	2.333	
700	10/3/2008 18:16	15.66				8.35	2.9	2.228	
701	10/3/2008 18:31	15.73				8.35	3.3	2.126	
702	10/3/2008 18:46	15.82				8.34	3.2	2.016	
703	10/3/2008 19:01	15.85				8.34	4.2	1.918	
704	10/3/2008 19:16	15.85				8.33	3.7	1.819	
705	10/3/2008 19:31	15.91				8.07	4.2	1.712	
706	10/3/2008 19:46	15.93				8.32	4	1.624	
707	10/3/2008 20:01	15.91				8.31	4	1.522	
708	10/3/2008 20:16	15.93				8.3	4.3	1.443	
709	10/3/2008 20:31	15.98				8.31	3.4	1.368	
710	10/3/2008 20:46	15.95				8.29	3.8	1.314	
711	10/3/2008 21:01	16.08				8.3	3.1	1.26	
712	10/3/2008 21:16	16.05				8.28	3.2	1.246	
713	10/3/2008 21:31	15.9				8.29	3.7	1.254	
714	10/3/2008 21:46	16.1				8.3	3	1.253	
715	10/3/2008 22:01	15.98				8.29	3.4	1.298	
716	10/3/2008 22:16	16.25				8.05	2.8	1.351	
717	10/3/2008 22:31	16.25				8.05	3.5	1.408	
718	10/3/2008 22:46	16.21				8.3	4.9	1.478	
719	10/3/2008 23:01	16.13				8.27	7.3	1.559	
720	10/3/2008 23:16	16.11				8.28	5.6	1.626	
721	10/3/2008 23:31	16.07				8.29	4.6	1.695	
722	10/3/2008 23:46	16.03				8.29	4.3	1.761	
723	10/4/2008 0:01	16.01				8.04	4.2	1.833	
724	10/4/2008 0:16	16.01				8.29	4.6	1.899	
725	10/4/2008 0:31	15.96				8.31	4	1.961	
726	10/4/2008 0:46	15.88				8.32	4	2.034	
727	10/4/2008 1:01	15.86				8.07	3.8	2.101	
728	10/4/2008 1:16	15.83				8.07	4.1	2.172	
729	10/4/2008 1:31	15.83				8.33	4	2.234	
730	10/4/2008 1:46	15.73				8.33	4.3	2.309	
731	10/4/2008 2:01	15.65				8.33	4.4	2.378	
732	10/4/2008 2:16	15.58				8.33	4.6	2.439	
733	10/4/2008 2:31	15.48				8.33	4.5	2.506	
734	10/4/2008 2:46	15.31				8.33	4.2	2.556	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
735	10/4/2008 3:01	15.23				8.33	3.8	2.622	
736	10/4/2008 3:16	15.11				8.33	3.5	2.673	
737	10/4/2008 3:31	15.04				8.33	3.3	2.716	
738	10/4/2008 3:46	14.99				8.33	3.3	2.758	
739	10/4/2008 4:01	14.96				8.33	3.1	2.785	
740	10/4/2008 4:16	14.94				8.33	2.4	2.795	
741	10/4/2008 4:31	15.22				8.32	3.5	2.795	
742	10/4/2008 4:46	15.2				8.32	3	2.793	
743	10/4/2008 5:01	15.38				8.3	3.2	2.765	
744	10/4/2008 5:16	15.32				8.29	3.5	2.724	
745	10/4/2008 5:31	15.47				8.29	4.3	2.682	
746	10/4/2008 5:46	15.35				8.29	3.7	2.634	
747	10/4/2008 6:01	15.41				8.28	4.3	2.58	
748	10/4/2008 6:16	15.49				8.27	4.2	2.517	
749	10/4/2008 6:31	15.54				8.27	3.7	2.469	
750	10/4/2008 6:46	15.6				8.27	3.8	2.42	
751	10/4/2008 7:01	15.6				8.26	3.6	2.364	
752	10/4/2008 7:16	15.63				8.25	3.5	2.321	
753	10/4/2008 7:31	15.65				8.25	3.3	2.279	
754	10/4/2008 7:46	15.64				8.24	3.5	2.265	
755	10/4/2008 8:01	15.69				8.23	3.4	2.232	
756	10/4/2008 8:16	15.75				8.25	2.6	2.208	
757	10/4/2008 8:31	15.73				8.24	3.1	2.195	
758	10/4/2008 8:46	15.67				8.22	3.8	2.18	
759	10/4/2008 9:01	15.53				8.22	4.7	2.17	
760	10/4/2008 9:16	15.7				8.25	3.5	2.168	
761	10/4/2008 9:31	15.62				8.25	4.5	2.21	
762	10/4/2008 9:46	15.61				8	4.3	2.214	
763	10/4/2008 10:01	15.65				8.26	4.2	2.24	
764	10/4/2008 10:16	15.68				8.02	3.8	2.281	
765	10/4/2008 10:31	15.67				8.28	3.8	2.311	
766	10/4/2008 10:46	15.65				8.28	3.5	2.347	
767	10/4/2008 11:01	15.58				8.29	3.4	2.391	
768	10/4/2008 11:16	15.46				8.29	3.7	2.446	
769	10/4/2008 11:31	15.44				8.3	3.2	2.504	
770	10/4/2008 11:46	15.35				8.31	3.5	2.565	
771	10/4/2008 12:01	15.33				8.32	3.3	2.619	
772	10/4/2008 12:16	15.28				8.32	3.2	2.684	
773	10/4/2008 12:31	15.23				8.33	3.1	2.734	
774	10/4/2008 12:46	15.23				8.33	3	2.798	
775	10/4/2008 13:01	15.21				8.33	2.9	2.871	
776	10/4/2008 13:16	15.12				8.33	3	2.927	
777	10/4/2008 13:31	15.09				8.33	2.9	2.969	
778	10/4/2008 13:46	15.15				8.34	2.9	3.017	
779	10/4/2008 14:01	15.01				8.33	2.8	3.066	
780	10/4/2008 14:16	14.97				8.33	2.8	3.111	
781	10/4/2008 14:31	15.01				8.33	2.5	3.114	
782	10/4/2008 14:46	15.05				8.33	1.6	3.177	
783	10/4/2008 15:01	15.3				8.33	2.2	3.18	

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
784	10/4/2008 15:16	15.3				8.33	2	3.159	
785	10/4/2008 15:31	15.25				8.32	2	3.149	
786	10/4/2008 15:46	15.16				8.33	1.9	3.155	
787	10/4/2008 16:01	15.07				8.32	1.9	3.141	
788	10/4/2008 16:16	15.43				8.34	2	3.061	
789	10/4/2008 16:31	15.71				8.35	2.3	3.031	
790	10/4/2008 16:46	15.65				8.35	2.4	2.954	
791	10/4/2008 17:01	15.73				8.35	2.4	2.881	
792	10/4/2008 17:16	15.8				8.35	2.4	2.815	
793	10/4/2008 17:31	15.91				8.36	2.7	2.722	
794	10/4/2008 17:46	16.1				8.37	3.1	2.637	
795	10/4/2008 18:01	16.19				8.37	2.9	2.559	
796	10/4/2008 18:16	16.33				8.12	2.9	2.459	
797	10/4/2008 18:31	16.44				8.37	3.7	2.384	
798	10/4/2008 18:46	16.47				8.11	3.4	2.277	
799	10/4/2008 19:01	16.45				8.11	3.5	2.197	
800	10/4/2008 19:16	16.31				8.35	3.7	2.085	
801	10/4/2008 19:31	16.23				8.35	3.2	2.012	
802	10/4/2008 19:46	16.1				8.35	3.1	1.894	
803	10/4/2008 20:01	15.97				8.34	3.1	1.816	
804	10/4/2008 20:16	16				8.08	3.3	1.707	
805	10/4/2008 20:31	15.95				8.32	3.4	1.606	
806	10/4/2008 20:46	16.08				8.33	3.1	1.528	
807	10/4/2008 21:01	16.12				8.32	3.1	1.45	
808	10/4/2008 21:16	16.45				8.35	2.8	1.401	
809	10/4/2008 21:31	16.23				8.33	3.1	1.334	
810	10/4/2008 21:46	16.5				8.34	2.9	1.322	
811	10/4/2008 22:01	16.59				8.35	2.4	1.292	
812	10/4/2008 22:16	16.57				8.34	2.7	1.312	
813	10/4/2008 22:31	16.63				8.36	2.4	1.308	
814	10/4/2008 22:46	16.45				8.35	2.3	1.32	
815	10/4/2008 23:01	16.52				8.11	2.4	1.374	
816	10/4/2008 23:16	16.64				8.12	2.4	1.407	
817	10/4/2008 23:31	16.62				8.36	2.5	1.461	
818	10/4/2008 23:46	16.59				8.35	3	1.549	
819	10/5/2008 0:01	16.61				8.33	3.7	1.569	
820	10/5/2008 0:16	16.6				8.08	3.7	1.649	
821	10/5/2008 0:31	16.58				8.08	3.9	1.717	
822	10/5/2008 0:46	16.54				8.33	4	1.782	
823	10/5/2008 1:01	16.51				8.34	3.2	1.857	
824	10/5/2008 1:16	16.47				8.34	3	1.922	
825	10/5/2008 1:31	16.46				8.34	2.9	1.963	
826	10/5/2008 1:46	16.44				8.34	3.2	2.038	
827	10/5/2008 2:01	16.41				8.34	2.8	2.095	
828	10/5/2008 2:16	16.39				8.08	2.7	2.146	
829	10/5/2008 2:31	16.39				8.33	2.6	2.217	
830	10/5/2008 2:46	16.39				8.32	2.9	2.278	
831	10/5/2008 3:01	16.36				8.32	3.1	2.328	
832	10/5/2008 3:16	16.26				8.32	3.1	2.371	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
833	10/5/2008 3:31	16.22				8.32	2.9	2.421	
834	10/5/2008 3:46	16.19				8.32	3	2.475	
835	10/5/2008 4:01	16.16				8.32	3.1	2.512	
836	10/5/2008 4:16	16.04				8.32	3.1	2.56	
837	10/5/2008 4:31	16				8.32	2.7	2.59	
838	10/5/2008 4:46	15.96				8.32	3.1	2.623	
839	10/5/2008 5:01	15.88				8.32	2.5	2.644	
840	10/5/2008 5:16	15.91				8.31	2.3	2.665	
841	10/5/2008 5:31	15.9				8.3	2.6	2.676	
842	10/5/2008 5:46	16.06				8.31	2.9	2.667	
843	10/5/2008 6:01	16.09				8.3	2.9	2.656	
844	10/5/2008 6:16	15.93				8.31	2.4	2.626	
845	10/5/2008 6:31	16.01				8.29	3.4	2.599	
846	10/5/2008 6:46	15.97				8.29	3.2	2.553	
847	10/5/2008 7:01	15.98				8.29	3.1	2.52	
848	10/5/2008 7:16	15.94				8.28	3.4	2.472	
849	10/5/2008 7:31	16				8.28	3	2.449	
850	10/5/2008 7:46	15.96				8.27	2.7	2.409	
851	10/5/2008 8:01	15.91				8.26	2.7	2.37	
852	10/5/2008 8:16	15.93				8.27	2.4	2.339	
853	10/5/2008 8:31	15.95				8.28	2.2	2.336	
854	10/5/2008 8:46	15.95				8.03	2.2	2.303	
855	10/5/2008 9:01	16.03				8.29	9.2	2.29	
856	10/5/2008 9:16	16.03				8.28	1.3	2.285	
857	10/5/2008 9:31	16.06				8.29	2	2.29	
858	10/5/2008 9:46	16.05				8.3	2.3	2.292	
859	10/5/2008 10:01	16.05				8.29	2.2	2.297	
860	10/5/2008 10:16	16.07				8.05	2.3	2.331	
861	10/5/2008 10:31	16.1				8.3	2.3	2.346	
862	10/5/2008 10:46	16.12				8.3	2.5	2.386	
863	10/5/2008 11:01	16.12				8.31	2.4	2.407	
864	10/5/2008 11:16	16.09				8.31	2.6	2.45	
865	10/5/2008 11:31	16.08				8.32	2.6	2.483	
866	10/5/2008 11:46	16.05				8.32	2.7	2.526	
867	10/5/2008 12:01	16				8.32	2.9	2.571	
868	10/5/2008 12:16	15.91				8.32	2.4	2.603	
869	10/5/2008 12:31	15.86				8.32	2.6	2.661	
870	10/5/2008 12:46	15.79				8.32	2.7	2.696	
871	10/5/2008 13:01	15.7				8.32	2.6	2.751	
872	10/5/2008 13:16	15.71				8.32	2.5	2.802	
873	10/5/2008 13:31	15.66				8.33	2.5	2.849	
874	10/5/2008 13:46	15.62				8.33	2.4	2.896	
875	10/5/2008 14:01	15.57				8.33	2.4	2.944	
876	10/5/2008 14:16	15.59				8.33	2.4	2.994	
877	10/5/2008 14:31	15.51				8.33	2.7	3.029	
878	10/5/2008 14:46	15.47				8.33	2.6	3.067	
879	10/5/2008 15:01	15.45				8.33	2.3	3.087	
880	10/5/2008 15:16	15.43				8.33	2.2	3.12	
881	10/5/2008 15:31	15.46				8.32	2	3.14	

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
882	10/5/2008 15:46	15.73				8.33	2.1	3.141	
883	10/5/2008 16:01	15.73				8.32	1.3	3.147	
884	10/5/2008 16:16	15.62				8.32	1.4	3.135	
885	10/5/2008 16:31	15.75				8.33	1.7	3.103	
886	10/5/2008 16:46	15.76				8.33	1.8	3.069	
887	10/5/2008 17:01	15.85				8.33	2	3.029	
888	10/5/2008 17:16	15.98				8.34	2.3	2.961	
889	10/5/2008 17:31	16.24				8.36	2.2	2.9	
890	10/5/2008 17:46	16.29				8.37	2.3	2.827	
891	10/5/2008 18:01	16.16				8.35	2.4	2.747	
892	10/5/2008 18:16	16.45				8.38	2.6	2.685	
893	10/5/2008 18:31	16.47				8.38	2.5	2.595	
894	10/5/2008 18:46	16.5				8.38	2.4	2.521	
895	10/5/2008 19:01	16.57				8.38	2.5	2.454	
896	10/5/2008 19:16	16.68				8.38	3.2	2.373	
897	10/5/2008 19:31	16.68				8.38	2.6	2.288	
898	10/5/2008 19:46	16.65				8.36	2.6	2.203	
899	10/5/2008 20:01	16.64				8.36	2.7	2.132	
900	10/5/2008 20:16	16.58				8.35	2.6	2.043	
901	10/5/2008 20:31	16.49				8.34	3.3	1.947	
902	10/5/2008 20:46	16.37				8.33	2.7	1.867	
903	10/5/2008 21:01	16.29				8.32	2.9	1.786	
904	10/5/2008 21:16	16.21				8.31	3.2	1.694	
905	10/5/2008 21:31	16.21				8.3	2.9	1.618	
906	10/5/2008 21:46	16.29				8.31	2.6	1.553	
907	10/5/2008 22:01	16.31				8.3	2.6	1.505	
908	10/5/2008 22:16	16.37				8.31	2.7	1.454	
909	10/5/2008 22:31	16.25				8.28	3	1.417	
910	10/5/2008 22:46	16.43				8.3	2.4	1.408	
911	10/5/2008 23:01	16.25				8.29	3	1.401	
912	10/5/2008 23:16	16.42				8.32	2.3	1.4	
913	10/5/2008 23:31	16.46				8.09	2	1.424	
914	10/5/2008 23:46	16.53				8.34	2.3	1.452	
915	10/6/2008 0:01	16.61				8.36	2.1	1.474	
916	10/6/2008 0:16	16.63				8.36	2.2	1.537	
917	10/6/2008 0:31	16.63				8.36	2.1	1.587	
918	10/6/2008 0:46	16.64				8.35	3	1.631	
919	10/6/2008 1:01	16.66				8.34	3.1	1.684	
920	10/6/2008 1:16	16.65				8.34	3	1.737	
921	10/6/2008 1:31	16.64				8.33	3.2	1.788	
922	10/6/2008 1:46	16.63				8.33	3.3	1.841	
923	10/6/2008 2:01	16.63				8.34	2.9	1.891	
924	10/6/2008 2:16	16.61				8.34	2.6	1.94	
925	10/6/2008 2:31	16.59				8.34	2.6	2	
926	10/6/2008 2:46	16.59				8.34	2.4	2.057	
927	10/6/2008 3:01	16.58				8.35	2.6	2.109	
928	10/6/2008 3:16	16.56				8.34	2.3	2.17	
929	10/6/2008 3:31	16.55				8.34	2.7	2.229	
930	10/6/2008 3:46	16.51				8.33	2.3	2.275	

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
931	10/6/2008 4:01	16.49				8.33	2.4	2.333	
932	10/6/2008 4:16	16.52				8.32	2.4	2.375	
933	10/6/2008 4:31	16.46				8.32	2.6	2.429	
934	10/6/2008 4:46	16.4				8.32	2.5	2.466	
935	10/6/2008 5:01	16.37				8.32	2.6	2.501	
936	10/6/2008 5:16	16.29				8.32	2.5	2.549	
937	10/6/2008 5:31	16.3				8.32	2.7	2.568	
938	10/6/2008 5:46	16.27				8.32	2.5	2.599	
939	10/6/2008 6:01	16.24				8.32	2.5	2.622	
940	10/6/2008 6:16	16.23				8.31	2.3	2.638	
941	10/6/2008 6:31	16.24				8.3	2.3	2.642	
942	10/6/2008 6:46	16.27				8.31	2.4	2.634	
943	10/6/2008 7:01	16.33				8.3	2.4	2.642	
944	10/6/2008 7:16	16.32				8.3	2.1	2.621	
945	10/6/2008 7:31	16.36				8.29	2.4	2.588	
946	10/6/2008 7:46	16.35				8.29	2.6	2.562	
947	10/6/2008 8:01	16.33				8.29	2.6	2.537	
948	10/6/2008 8:16	16.33				8.29	2.4	2.496	
949	10/6/2008 8:31	16.35				8.27	2.6	2.467	
950	10/6/2008 8:46	16.36				8.28	2.4	2.448	
951	10/6/2008 9:01	16.36				8.27	2.4	2.416	
952	10/6/2008 9:16	16.36				8.27	2.8	2.386	
953	10/6/2008 9:31	16.39				8.27	2.5	2.375	
954	10/6/2008 9:46	16.41				8.26	1.9	2.354	
955	10/6/2008 10:01	16.42				8.26	1.8	2.36	
956	10/6/2008 10:16	16.35				8.26	3.1	2.353	
957	10/6/2008 10:31	16.39				8.27	2.7	2.356	
958	10/6/2008 10:46	16.41				8.28	2.3	2.372	
959	10/6/2008 11:01	16.4				8.28	2.9	2.374	
960	10/6/2008 11:16	16.4				8.29	2.7	2.398	
961	10/6/2008 11:31	16.4				8.3	2.4	2.425	
962	10/6/2008 11:46	16.4				8.3	3.1	2.443	
963	10/6/2008 12:01	16.39				8.3	3.2	2.475	
964	10/6/2008 12:16	16.37				8.31	2.6	2.508	
965	10/6/2008 12:31	16.39				8.31	2.3	2.538	
966	10/6/2008 12:46	16.35				8.31	2.6	2.573	
967	10/6/2008 13:01	16.29				8.31	2.3	2.606	
968	10/6/2008 13:16	16.28				8.31	2.4	2.645	
969	10/6/2008 13:31	16.26				8.31	2.5	2.677	
970	10/6/2008 13:46	16.2				8.32	2.3	2.712	
971	10/6/2008 14:01	16.17				8.32	2.5	2.751	
972	10/6/2008 14:16	16.1				8.32	2	2.789	
973	10/6/2008 14:31	16.07				8.32	2.3	2.825	
974	10/6/2008 14:46	15.99				8.32	2.1	2.86	
975	10/6/2008 15:01	15.96				8.32	2.4	2.898	
976	10/6/2008 15:16	15.93				8.33	2.3	2.916	
977	10/6/2008 15:31	15.87				8.32	2.1	2.96	
978	10/6/2008 15:46	15.92				8.33	2.1	2.981	
979	10/6/2008 16:01	15.87				8.33	1.8	2.997	

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
980	10/6/2008 16:16	15.95				8.33	1.9	3.026	
981	10/6/2008 16:31	16.05				8.33	1.7	3.032	
982	10/6/2008 16:46	16.37				8.33	1.7	3.039	
983	10/6/2008 17:01	16.11				8.32	1.8	3.036	
984	10/6/2008 17:16	16.03				8.31	1.3	3.023	
985	10/6/2008 17:31	15.98				8.31	1.5	2.986	
986	10/6/2008 17:46	15.94				8.32	1.8	2.952	
987	10/6/2008 18:01	15.99				8.32	2.1	2.907	
988	10/6/2008 18:16	16.08				8.33	2.1	2.848	
989	10/6/2008 18:31	16.37				8.34	2.3	2.802	
990	10/6/2008 18:46	16.76				8.34	2.2	2.734	
991	10/6/2008 19:01	16.87				8.34	2.3	2.667	
992	10/6/2008 19:16	16.99				8.35	2.4	2.607	
993	10/6/2008 19:31	17.05				8.11	28.1	2.532	
994	10/6/2008 19:46	17.15				8.12	33.9	2.467	
995	10/6/2008 20:01	17.08				8.11	6.2	2.393	
996	10/6/2008 20:16	17.09				8.11	15.3	2.315	
997	10/6/2008 20:31	17.05				8.34	7.1	2.246	
998	10/6/2008 20:46	16.96				8.33	15.1	2.147	
999	10/6/2008 21:01	16.76				8.31	13.6	2.078	
1000	10/6/2008 21:16	16.69				8.31	2.6	2	
1001	10/6/2008 21:31	16.64				8.07	2.3	1.907	
1002	10/6/2008 21:46	16.61				8.29	2.7	1.822	
1003	10/6/2008 22:01	16.74				8.3	2.8	1.75	
1004	10/6/2008 22:16	16.93				8.08	2.3	1.691	
1005	10/6/2008 22:31	16.91				8.31	2.3	1.604	
1006	10/6/2008 22:46	17.13				8.33	2.4	1.556	
1007	10/6/2008 23:01	17.11				8.09	2.2	1.513	
1008	10/6/2008 23:16	17.3				8.34	2.1	1.474	
1009	10/6/2008 23:31	17.4				8.12	1.9	1.44	
1010	10/6/2008 23:46	17.55				8.13	1.8	1.427	
1011	10/7/2008 0:01	17.6				8.13	0.8	1.44	
1012	10/7/2008 0:16	17.58				8.15	1.5	1.44	
1013	10/7/2008 0:31	17.63				8.38	1.5	1.435	
1014	10/7/2008 0:46	17.57				8.37	1.8	1.469	
1015	10/7/2008 1:01	17.52				8.37	1.9	1.503	
1016	10/7/2008 1:16	17.54				8.38	2.4	1.534	
1017	10/7/2008 1:31	17.54				8.38	2.6	1.562	
1018	10/7/2008 1:46	17.52				8.37	2.4	1.608	
1019	10/7/2008 2:01	17.53				8.14	2.6	1.662	
1020	10/7/2008 2:16	17.51				8.14	2.7	1.72	
1021	10/7/2008 2:31	17.49				8.13	2.8	1.753	
1022	10/7/2008 2:46	17.48				8.13	2.7	1.806	
1023	10/7/2008 3:01	17.47				8.35	2.7	1.877	
1024	10/7/2008 3:16	17.45				8.34	3	1.923	
1025	10/7/2008 3:31	17.38				8.34	2.5	1.972	
1026	10/7/2008 3:46	17.35				8.12	2.2	2.022	
1027	10/7/2008 4:01	17.3				8.12	2.6	2.081	
1028	10/7/2008 4:16	17.26				8.11	2.4	2.135	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1029	10/7/2008 4:31	17.17				8.34	2.3	2.189	
1030	10/7/2008 4:46	17.11				8.33	2.3	2.242	
1031	10/7/2008 5:01	17.11				8.33	2.3	2.289	
1032	10/7/2008 5:16	17.09				8.33	2.2	2.354	
1033	10/7/2008 5:31	17.08				8.33	1.9	2.396	
1034	10/7/2008 5:46	17.07				8.33	2.2	2.44	
1035	10/7/2008 6:01	17.01				8.33	1.9	2.476	
1036	10/7/2008 6:16	16.86				8.32	2.1	2.524	
1037	10/7/2008 6:31	16.85				8.32	2	2.557	
1038	10/7/2008 6:46	16.81				8.32	2	2.57	
1039	10/7/2008 7:01	16.78				8.32	1.9	2.605	
1040	10/7/2008 7:16	16.77				8.32	2.1	2.629	
1041	10/7/2008 7:31	16.76				8.32	2	2.641	
1042	10/7/2008 7:46	16.8				8.31	1.9	2.641	
1043	10/7/2008 8:01	16.86				8.31	1.5	2.643	
1044	10/7/2008 8:16	16.83				8.31	1.5	2.637	
1045	10/7/2008 8:31	16.85				8.31	2	2.624	
1046	10/7/2008 8:46	16.84				8.31	1.6	2.6	
1047	10/7/2008 9:01	16.83				8.31	2	2.573	
1048	10/7/2008 9:16	16.82				8.31	1.7	2.547	
1049	10/7/2008 9:31	16.91				8.31	3	2.526	
1050	10/7/2008 9:46	16.92				8.31	5.1	2.491	
1051	10/7/2008 10:01	16.95				8.31	1.8	2.455	
1052	10/7/2008 10:16	16.97				8.3	1.5	2.436	
1053	10/7/2008 10:31	17				8.3	2.1	2.416	
1054	10/7/2008 10:46	17				8.3	1.5	2.39	
1055	10/7/2008 11:01	17.01				8.3	1.6	2.374	
1056	10/7/2008 11:16	17.02				8.29	1.2	2.363	
1057	10/7/2008 11:31	17.03				8.27	1.6	2.361	
1058	10/7/2008 11:46	17.01				8.3	2	2.358	
1059	10/7/2008 12:01	17.03				8.07	1.7	2.354	
1060	10/7/2008 12:16	17.02				8.3	1.6	2.369	
1061	10/7/2008 12:31	17.02				8.31	2.3	2.374	
1062	10/7/2008 12:46	17.01				8.31	3.8	2.393	
1063	10/7/2008 13:01	17				8.31	2.4	2.408	
1064	10/7/2008 13:16	16.98				8.31	2.5	2.426	
1065	10/7/2008 13:31	16.96				8.31	2.3	2.467	
1066	10/7/2008 13:46	16.92				8.32	1.9	2.487	
1067	10/7/2008 14:01	16.9				8.31	2	2.513	
1068	10/7/2008 14:16	16.85				8.31	1.8	2.539	
1069	10/7/2008 14:31	16.83				8.32	1.8	2.576	
1070	10/7/2008 14:46	16.81				8.32	1.8	2.61	
1071	10/7/2008 15:01	16.82				8.09	2.1	2.631	
1072	10/7/2008 15:16	16.82				8.32	1.6	2.676	
1073	10/7/2008 15:31	16.81				8.31	1.5	2.704	
1074	10/7/2008 15:46	16.8				8.32	1.4	2.732	
1075	10/7/2008 16:01	16.76				8.32	1.6	2.762	
1076	10/7/2008 16:16	16.73				8.09	1.5	2.796	
1077	10/7/2008 16:31	16.7				8.32	1.6	2.825	

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1078	10/7/2008 16:46	16.68				8.32	1.2	2.84	
1079	10/7/2008 17:01	16.66				8.32	1	2.868	
1080	10/7/2008 17:16	16.66				8.31	0.7	2.885	
1081	10/7/2008 17:31	16.66				8.27	0.5	2.896	
1082	10/7/2008 17:46	16.66				8.29	0.7	2.894	
1083	10/7/2008 18:01	16.67				8.3	0.7	2.9	
1084	10/7/2008 18:16	16.69				8.31	1	2.887	
1085	10/7/2008 18:31	16.78				8.31	2.1	2.857	
1086	10/7/2008 18:46	16.92				8.35	8.8	2.836	
1087	10/7/2008 19:01	16.75				8.34	9.6	2.803	
1088	10/7/2008 19:16	16.63				8.34	10.9	2.746	
1089	10/7/2008 19:31	16.56				8.34	11	2.703	
1090	10/7/2008 19:46	16.58				8.33	11.2	2.659	
1091	10/7/2008 20:01	16.47				8.33	11.2	2.59	
1092	10/7/2008 20:16	16.42				8.33	10.3	2.525	
1093	10/7/2008 20:31	16.37				8.32	9.9	2.463	
1094	10/7/2008 20:46	16.58				8.32	9.5	2.389	
1095	10/7/2008 21:01	16.4				8.32	8.3	2.327	
1096	10/7/2008 21:16	16.57				8.32	8.4	2.247	
1097	10/7/2008 21:31	16.72				8.32	8.9	2.172	
1098	10/7/2008 21:46	16.65				8.31	8.7	2.104	
1099	10/7/2008 22:01	16.87				8.32	8.6	2.029	
1100	10/7/2008 22:16	16.87				8.32	8.9	1.937	
1101	10/7/2008 22:31	16.82				8.31	8.9	1.861	
1102	10/7/2008 22:46	16.92				8.32	9.2	1.779	
1103	10/7/2008 23:01	16.91				8.31	9.3	1.724	
1104	10/7/2008 23:16	16.86				8.31	9.4	1.648	
1105	10/7/2008 23:31	16.96				8.31	10.8	1.588	
1106	10/7/2008 23:46	16.95				8.31	9.9	1.549	
1107	10/8/2008 0:01	17.06				8.32	10.7	1.489	
1108	10/8/2008 0:16	17.02				8.31	9.8	1.426	
1109	10/8/2008 0:31	17.11				8.1	10.6	1.409	
1110	10/8/2008 0:46	17.15				8.13	9.8	1.385	
1111	10/8/2008 1:01	17.17				8.32	9.5	1.367	
1112	10/8/2008 1:16	17.17				8.33	9.8	1.391	
1113	10/8/2008 1:31	17.19				8.11	10.2	1.377	
1114	10/8/2008 1:46	17.13				8.11	10.3	1.387	
1115	10/8/2008 2:01	17.11				8.14	9.6	1.421	
1116	10/8/2008 2:16	17.11				8.32	9.9	1.457	
1117	10/8/2008 2:31	17.1				8.14	9.6	1.487	
1118	10/8/2008 2:46	17.08				8.32	9.5	1.525	
1119	10/8/2008 3:01	17.06				8.32	9.5	1.586	
1120	10/8/2008 3:16	17.01				8.14	8.7	1.626	
1121	10/8/2008 3:31	17.02				8.14	8.2	1.672	
1122	10/8/2008 3:46	17.04				8.14	8.3	1.717	
1123	10/8/2008 4:01	17.03				8.14	7.9	1.797	
1124	10/8/2008 4:16	17.08				8.33	8.4	1.843	
1125	10/8/2008 4:31	17.05				8.14	7.9	1.88	
1126	10/8/2008 4:46	17.05				8.14	7.9	1.961	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1127	10/8/2008 5:01	17.04				8.14	7.3	2.03	
1128	10/8/2008 5:16	16.99				8.14	7.4	2.091	
1129	10/8/2008 5:31	16.99				8.13	6.7	2.156	
1130	10/8/2008 5:46	16.95				8.13	6	2.199	
1131	10/8/2008 6:01	16.96				8.14	4.7	2.266	
1132	10/8/2008 6:16	16.96				8.14	4.3	2.31	
1133	10/8/2008 6:31	16.95				8.14	4	2.361	
1134	10/8/2008 6:46	16.95				8.14	3.7	2.405	
1135	10/8/2008 7:01	16.88				8.13	3.4	2.458	
1136	10/8/2008 7:16	16.79				8.13	3.4	2.504	
1137	10/8/2008 7:31	16.76				8.13	3.2	2.523	
1138	10/8/2008 7:46	16.75				8.13	3.2	2.556	
1139	10/8/2008 8:01	16.75				8.13	3.2	2.594	
1140	10/8/2008 8:16	16.74				8.13	2.9	2.612	
1141	10/8/2008 8:31	16.71				8.12	2	2.625	
1142	10/8/2008 8:46	16.69				8.1	1.3	2.64	
1143	10/8/2008 9:01	16.7				8.1	1.6	2.641	
1144	10/8/2008 9:16	16.71				8.11	2.6	2.622	
1145	10/8/2008 9:31	16.74				8.12	3.3	2.608	
1146	10/8/2008 9:46	16.74				8.09	3.1	2.588	
1147	10/8/2008 10:01	16.76				8.12	3.1	2.56	
1148	10/8/2008 10:16	16.79				8.1	3.4	2.518	
1149	10/8/2008 10:31	16.76				8.13	14.1	2.495	
1150	10/8/2008 10:46	16.81				8.13	3.4	2.454	
1151	10/8/2008 11:01	16.8				8.12	3.5	2.406	
1152	10/8/2008 11:16	16.8				8.12	3.7	2.383	
1153	10/8/2008 11:31	16.91				8.13	3	2.346	
1154	10/8/2008 11:46	16.95				8.13	3.2	2.311	
1155	10/8/2008 12:01	16.99				8.12	2.8	2.278	
1156	10/8/2008 12:16	16.99				8.12	2.9	2.261	
1157	10/8/2008 12:31	17.01				8.12	2.7	2.247	
1158	10/8/2008 12:46	17.03				8.11	2.4	2.218	
1159	10/8/2008 13:01	17.04				8.11	2.1	2.219	
1160	10/8/2008 13:16	17.05				8.12	2.3	2.21	
1161	10/8/2008 13:31	17.02				8.12	3.1	2.196	
1162	10/8/2008 13:46	17.01				8.12	2.7	2.199	
1163	10/8/2008 14:01	17.03				8.1	2.6	2.209	
1164	10/8/2008 14:16	17.01				8.09	2.6	2.223	
1165	10/8/2008 14:31	16.97				8.11	2.9	2.242	
1166	10/8/2008 14:46	17.01				8.12	4.1	2.26	
1167	10/8/2008 15:01	17.02				8.12	3.7	2.283	
1168	10/8/2008 15:16	17				8.12	4	2.312	
1169	10/8/2008 15:31	17.01				8.12	3.7	2.358	
1170	10/8/2008 15:46	17				8.12	3.5	2.379	
1171	10/8/2008 16:01	16.98				8.12	3	2.418	
1172	10/8/2008 16:16	17				8.12	2.8	2.464	
1173	10/8/2008 16:31	16.99				8.12	3	2.505	
1174	10/8/2008 16:46	16.98				8.12	3	2.534	
1175	10/8/2008 17:01	16.96				8.09	2.7	2.577	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1176	10/8/2008 17:16	16.95				8.12	2.6	2.623	
1177	10/8/2008 17:31	16.94				8.12	2.6	2.648	
1178	10/8/2008 17:46	16.93				8.1	2.2	2.687	
1179	10/8/2008 18:01	16.92				8.09	1.9	2.71	
1180	10/8/2008 18:16	16.9				8.12	2.8	2.749	
1181	10/8/2008 18:31	16.88				8.12	1.8	2.762	
1182	10/8/2008 18:46	17.06				8.15	5.6	2.763	
1183	10/8/2008 19:01	17.1				8.14	4.2	2.788	
1184	10/8/2008 19:16	17.08				8.15	16.8	2.782	
1185	10/8/2008 19:31	16.95				8.13	15.2	2.763	
1186	10/8/2008 19:46	16.45				8.14	8.5	2.743	
1187	10/8/2008 20:01	16.33				8.13	11.8	2.726	
1188	10/8/2008 20:16	16.31				8.12	12.9	2.684	
1189	10/8/2008 20:31	16.3				8.13	16.4	2.641	
1190	10/8/2008 20:46	16.27				8.13	16.4	2.588	
1191	10/8/2008 21:01	16.24				8.13	16.2	2.535	
1192	10/8/2008 21:16	16.25				8.13	16.7	2.489	
1193	10/8/2008 21:31	16.23				8.12	16.4	2.423	
1194	10/8/2008 21:46	16.13				8.12	16.4	2.342	
1195	10/8/2008 22:01	16.1				8.12	16.2	2.276	
1196	10/8/2008 22:16	16.19				8.12	19.2	2.204	
1197	10/8/2008 22:31	16.12				8.12	20.3	2.134	
1198	10/8/2008 22:46	16.05				8.12	21.9	2.056	
1199	10/8/2008 23:01	15.99				8.12	21.7	1.979	
1200	10/8/2008 23:16	15.88				8.31	23.2	1.893	
1201	10/8/2008 23:31	15.98				8.12	21.7	1.81	
1202	10/8/2008 23:46	15.94				8.11	22.2	1.707	
1203	10/9/2008 0:01	16.05				8.12	21.5	1.634	
1204	10/9/2008 0:16	16.05				8.09	22.8	1.571	
1205	10/9/2008 0:31	16.01				8.12	22.2	1.503	
1206	10/9/2008 0:46	16.05				8.11	21.7	1.426	
1207	10/9/2008 1:01	16.03				8.11	21.1	1.377	
1208	10/9/2008 1:16	16.06				8.11	20.2	1.319	
1209	10/9/2008 1:31	16.12				8.11	21.2	1.284	
1210	10/9/2008 1:46	16.1				8.11	19.2	1.249	
1211	10/9/2008 2:01	16.07				8.09	14.4	1.232	
1212	10/9/2008 2:16	16.05				8.11	18.3	1.23	
1213	10/9/2008 2:31	16.04				8.11	19.8	1.238	
1214	10/9/2008 2:46	16.03				8.11	18.4	1.238	
1215	10/9/2008 3:01	16.07				8.12	20.1	1.277	
1216	10/9/2008 3:16	16.15				8.12	20.8	1.312	
1217	10/9/2008 3:31	16.07				8.12	24.2	1.35	
1218	10/9/2008 3:46	16.09				8.32	22.8	1.402	
1219	10/9/2008 4:01	16.17				8.12	20.3	1.463	
1220	10/9/2008 4:16	16.15				7.87	19.5	1.528	
1221	10/9/2008 4:31	16.19				8.12	18.3	1.585	
1222	10/9/2008 4:46	16.15				8.12	17.5	1.655	
1223	10/9/2008 5:01	16.15				8.12	16.5	1.718	
1224	10/9/2008 5:16	16.1				8.12	15.3	1.783	

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1225	10/9/2008 5:31	16.07				8.12	15.3	1.86	
1226	10/9/2008 5:46	16.06				8.12	15	1.924	
1227	10/9/2008 6:01	16.05				8.12	13.3	1.981	
1228	10/9/2008 6:16	16.08				8.13	11.2	2.059	
1229	10/9/2008 6:31	16.13				8.13	11.6	2.129	
1230	10/9/2008 6:46	16.16				8.13	10.4	2.18	
1231	10/9/2008 7:01	16.14				8.13	10.4	2.246	
1232	10/9/2008 7:16	16.13				8.14	10.1	2.304	
1233	10/9/2008 7:31	16.16				8.14	9.8	2.366	
1234	10/9/2008 7:46	16.14				8.14	8.7	2.419	
1235	10/9/2008 8:01	16.13				8.14	8.1	2.463	
1236	10/9/2008 8:16	16.08				8.14	8	2.509	
1237	10/9/2008 8:31	16.06				8.13	7	2.545	
1238	10/9/2008 8:46	16.07				8.13	6.7	2.581	
1239	10/9/2008 9:01	16.02				8.33	6.2	2.603	
1240	10/9/2008 9:16	15.97				8.13	5.7	2.627	
1241	10/9/2008 9:31	15.96				8.13	4.3	2.647	
1242	10/9/2008 9:46	15.94				8.32	4.3	2.645	
1243	10/9/2008 10:01	15.9				8.12	4.8	2.634	
1244	10/9/2008 10:16	15.85				8.12	5.8	2.613	
1245	10/9/2008 10:31	15.72				8.12	7	2.588	
1246	10/9/2008 10:46	15.54				8.13	8.9	2.552	
1247	10/9/2008 11:01	15.45				8.13	10.9	2.496	
1248	10/9/2008 11:16	15.64				8.14	12.2	2.46	
1249	10/9/2008 11:31	15.66				8.14	12.5	2.412	
1250	10/9/2008 11:46	15.76				8.14	12	2.358	
1251	10/9/2008 12:01	15.84				8.14	11.7	2.318	
1252	10/9/2008 12:16	15.91				8.14	11.7	2.276	
1253	10/9/2008 12:31	15.93				8.14	11.8	2.219	
1254	10/9/2008 12:46	15.99				8.14	12.4	2.182	
1255	10/9/2008 13:01	16.02				8.13	12.3	2.141	
1256	10/9/2008 13:16	16.03				8.33	11.7	2.098	
1257	10/9/2008 13:31	16.04				8.13	11.7	2.069	
1258	10/9/2008 13:46	16.05				8.1	10	2.039	
1259	10/9/2008 14:01	16.04				8.13	10.2	2.013	
1260	10/9/2008 14:16	16.03				8.32	10.1	1.998	
1261	10/9/2008 14:31	16.06				8.11	7.2	1.99	
1262	10/9/2008 14:46	16.13				8.14	9.8	1.974	
1263	10/9/2008 15:01	16.1				8.13	10.4	1.998	
1264	10/9/2008 15:16	16.11				8.13	13.3	2.008	
1265	10/9/2008 15:31	16.14				8.13	30.2	2.018	
1266	10/9/2008 15:46	16.12				8.1	8.8	2.058	
1267	10/9/2008 16:01	16.15				8.13	9	2.089	
1268	10/9/2008 16:16	16.16				8.13	9	2.134	
1269	10/9/2008 16:31	16.14				8.33	8.1	2.172	
1270	10/9/2008 16:46	16.16				8.13	9.5	2.218	
1271	10/9/2008 17:01	16.14				8.13	7.1	2.257	
1272	10/9/2008 17:16	16.14				8.13	7.3	2.312	
1273	10/9/2008 17:31	16.15				8.13	7.1	2.347	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1274	10/9/2008 17:46	16.11				8.13	7	2.403	
1275	10/9/2008 18:01	16.02				8.13	7.2	2.447	
1276	10/9/2008 18:16	16.02				8.32	7	2.494	
1277	10/9/2008 18:31	16.03				8.13	7.1	2.535	
1278	10/9/2008 18:46	16.03				8.13	6.7	2.575	
1279	10/9/2008 19:01	16.01				8.13	6.7	2.62	
1280	10/9/2008 19:16	15.99				8.13	6	2.652	
1281	10/9/2008 19:31	15.97				8.13	5.8	2.685	
1282	10/9/2008 19:46	15.94				8.32	4.7	2.706	
1283	10/9/2008 20:01	15.2				8.12	11.6	2.735	
1284	10/9/2008 20:16	15.26				8.32	8.6	2.751	
1285	10/9/2008 20:31	15.6				8.34	6.7	2.744	
1286	10/9/2008 20:46	15.71				8.13	5.7	2.737	
1287	10/9/2008 21:01	15.23				8.13	10.4	2.731	
1288	10/9/2008 21:16	15.14				8.32	12.1	2.694	
1289	10/9/2008 21:31	15.3				8.1	11.8	2.662	
1290	10/9/2008 21:46	15.42				8.33	15.2	2.611	
1291	10/9/2008 22:01	15.46				8.33	16.5	2.559	
1292	10/9/2008 22:16	15.37				8.13	16	2.5	
1293	10/9/2008 22:31	15.4				8.13	19.5	2.425	
1294	10/9/2008 22:46	15.35				8.12	22.1	2.348	
1295	10/9/2008 23:01	15.3				8.12	23.6	2.273	
1296	10/9/2008 23:16	15.24				8.32	26.6	2.2	
1297	10/9/2008 23:31	15.08				8.12	34.2	2.111	
1298	10/9/2008 23:46	14.9				8.32	29.8	2.024	
1299	10/10/2008 0:01	14.96				8.12	35	1.947	
1300	10/10/2008 0:16	14.8				8.11	29.7	1.852	
1301	10/10/2008 0:31	14.64				8.31	25.5	1.759	
1302	10/10/2008 0:46	14.65				8.31	29.1	1.665	
1303	10/10/2008 1:01	14.54				8.3	27.3	1.587	
1304	10/10/2008 1:16	14.53				8.1	27.5	1.509	
1305	10/10/2008 1:31	14.55				8.3	26.6	1.427	
1306	10/10/2008 1:46	14.66				8.3	27.5	1.371	
1307	10/10/2008 2:01	14.74				8.3	26.6	1.313	
1308	10/10/2008 2:16	14.72				8.3	24.4	1.262	
1309	10/10/2008 2:31	14.7				8.09	23.4	1.234	
1310	10/10/2008 2:46	14.75				8.09	21.5	1.22	
1311	10/10/2008 3:01	14.59				8.3	21.1	1.198	
1312	10/10/2008 3:16	14.74				8.09	22.3	1.204	
1313	10/10/2008 3:31	14.77				8.3	22.2	1.239	
1314	10/10/2008 3:46	14.73				8.1	20.6	1.257	
1315	10/10/2008 4:01	14.77				8.3	19.8	1.303	
1316	10/10/2008 4:16	14.73				8.3	21.2	1.358	
1317	10/10/2008 4:31	14.76				8.3	18.7	1.408	
1318	10/10/2008 4:46	14.85				8.1	19.4	1.465	
1319	10/10/2008 5:01	14.86				8.3	18.9	1.534	
1320	10/10/2008 5:16	14.86				8.3	18.9	1.608	
1321	10/10/2008 5:31	14.69				8.3	21.1	1.67	
1322	10/10/2008 5:46	14.48				8.31	18.6	1.75	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1323	10/10/2008 6:01	14.53				8.12	17	1.825	
1324	10/10/2008 6:16	14.62				8.32	13.8	1.891	
1325	10/10/2008 6:31	14.69				8.13	13.8	1.979	
1326	10/10/2008 6:46	14.82				8.33	13.6	2.044	
1327	10/10/2008 7:01	14.91				8.33	13.1	2.115	
1328	10/10/2008 7:16	14.97				8.14	11.7	2.192	
1329	10/10/2008 7:31	15				8.13	12.3	2.26	
1330	10/10/2008 7:46	14.96				8.13	18.6	2.332	
1331	10/10/2008 8:01	14.93				8.33	12.1	2.386	
1332	10/10/2008 8:16	14.94				8.13	11	2.447	
1333	10/10/2008 8:31	14.93				8.13	10.7	2.517	
1334	10/10/2008 8:46	14.88				8.33	10.1	2.561	
1335	10/10/2008 9:01	14.82				8.13	10	2.614	
1336	10/10/2008 9:16	14.78				8.33	8.7	2.667	
1337	10/10/2008 9:31	14.66				8.12	8.2	2.696	
1338	10/10/2008 9:46	14.62				8.33	7.9	2.73	
1339	10/10/2008 10:01	14.48				8.32	6	2.741	
1340	10/10/2008 10:16	14.55				8.12	11.4	2.747	
	Mean	15.73	51.04	33.52	8.31	8.22	5.31	2.28	100.93
	Minimum	12.72	49.18	32.18	7.33	7.87	0.50	1.07	88.00
	Maximum	17.63	51.27	33.71	9.87	8.47	37.50	3.44	123.60
	Standard Dev.	0.97	0.16	0.13	0.55	0.13	4.81	0.59	7.52

**DO membrane compromised
Conductivity probe malfunction or freshwater contamination of sonde housing combined with water vent fouling
(before cleaning)**

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						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
0	10/10/2008 11:01	14.35	51.08	33.54	7.72	8.15	9.8	2.625	92.8
1	10/10/2008 11:16	14.31	50.974	33.46	7.83	8.16	11.2	2.575	94
2	10/10/2008 11:31	14.25	51.714	34	8.01	8.16	13.5	2.519	96.4
3	10/10/2008 11:46	14.59	50.784	33.33	7.99	8.14	17.3	2.465	96.4
4	10/10/2008 12:01	14.85	51.691	34	7.78	8.16	21.5	2.386	94.8
5	10/10/2008 12:16	14.81	50.871	33.4	7.73	8.2	21	2.329	93.8
6	10/10/2008 12:31	14.81	50.849	33.38	7.66	8.2	21.4	2.258	92.9
7	10/10/2008 12:46	14.82	51.107	33.57	7.65	8.11	29.2	2.19	92.9
8	10/10/2008 13:01	14.85	51.171	33.62	7.64	8.11	40.5	2.127	92.9
9	10/10/2008 13:16	14.85	51.958	34.19	7.58	8.15	43.7	2.067	92.4
10	10/10/2008 13:31	14.87	51.063	33.54	7.6	8.21	53.1	1.996	92.4
11	10/10/2008 13:46	14.9	51.989	34.22	7.54	8.1	52.4	1.945	92.1
12	10/10/2008 14:01	14.9	51.38	33.77	7.53	8.13	43.1	1.892	91.6
13	10/10/2008 14:16	14.89	52.209	34.38	7.48	8.14	41	1.824	91.4
14	10/10/2008 14:31	14.88	51.143	33.6	7.5	8.13	36.9	1.772	91.2
15	10/10/2008 14:46	14.86	51.297	33.71	7.48	8.08	32.6	1.74	90.9
16	10/10/2008 15:01	14.85	51.917	34.16	7.39	8.08	26.3	1.719	90.1
17	10/10/2008 15:16	14.85	51.216	33.65	7.39	8.12	25	1.682	89.8
18	10/10/2008 15:31	14.85	52.007	34.23	7.19	8.11	21.7	1.673	87.8
19	10/10/2008 15:46	14.86	51.195	33.63	7.47	8.13	24.8	1.691	90.8
20	10/10/2008 16:01	14.86	51.566	33.91	7.51	8.12	24.3	1.701	91.4
21	10/10/2008 16:16	14.86	51.453	33.82	7.46	8.13	22	1.701	90.8
22	10/10/2008 16:31	14.86	51.331	33.73	7.49	8.13	22.8	1.749	91.1
23	10/10/2008 16:46	14.88	51.296	33.71	7.48	8.13	22	1.797	91
24	10/10/2008 17:01	14.89	51.412	33.79	7.5	8.13	22.4	1.837	91.3
25	10/10/2008 17:16	14.91			7.55	8.13	22	1.869	91.3
26	10/10/2008 17:31	14.93			7.52	8.13	18.2	1.94	91.4
27	10/10/2008 17:46	14.93			7.61	8.14	17.7	2.006	91.4
28	10/10/2008 18:01	14.95			7.51	8.09	19	2.049	91.6
29	10/10/2008 18:16	14.93			7.62	8.14	19.4	2.122	91.9
30	10/10/2008 18:31	14.72			7.74	8.2	20.6	2.182	93.2
31	10/10/2008 18:46	14.72			7.74	8.09	17.2	2.24	93.1
32	10/10/2008 19:01	14.74			7.76	8.09	16.2	2.304	93.3
33	10/10/2008 19:16	14.72			7.77	8.21	13.5	2.356	93.2
34	10/10/2008 19:31	14.78			7.77	8.1	12.5	2.42	93.6
35	10/10/2008 19:46	14.77			7.79	8.1	11.7	2.462	93.7
36	10/10/2008 20:01	14.77			7.77	8.1	10.6	2.513	93.8
37	10/10/2008 20:16	14.76			7.79	8.1	11.7	2.552	93.6
38	10/10/2008 20:31	14.71			7.77	8.1	9.6	2.582	93.6
39	10/10/2008 20:46	14.66			7.77	8.21	9.3	2.631	93.2
40	10/10/2008 21:01	14.58			7.76	8.15	9.5	2.666	93
41	10/10/2008 21:16	14.51			7.78	8.09	8.2	2.688	92.6
42	10/10/2008 21:31	14.21			7.65	8.09	8	2.7	90.8
43	10/10/2008 21:46	14.37			7.62	8.15	6.1	2.699	90.7
44	10/10/2008 22:01	14.35			7.64	8.14	6.8	2.688	91.2
45	10/10/2008 22:16	14.13			7.78	8.14	6.9	2.658	92.1
46	10/10/2008 22:31	14.13			7.79	8.15	7.7	2.633	92
47	10/10/2008 22:46	14.08			7.69	8.09	8.1	2.568	90.6
48	10/10/2008 23:01	14.17			7.59	8.09	11.9	2.488	89.6

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	
			mS/cm	ppt	mg/L		NTU	meters	DO%
49	10/10/2008 23:16	14.25			7.55	8.13	12.4	2.422	89.6
50	10/10/2008 23:31	14.29			7.52	8.14	11.9	2.347	89.3
51	10/10/2008 23:46	14.24			7.53	8.08	15	2.259	89.6
52	10/11/2008 0:01	14.25			7.56	8.09	15.3	2.169	89.6
53	10/11/2008 0:16	14.26			7.46	8.14	19.5	2.071	88.9
54	10/11/2008 0:31	14.19			7.4	8.14	13.9	1.985	88
55	10/11/2008 0:46	14.09			7.41	8.13	15.6	1.894	87.7
56	10/11/2008 1:01	13.84			7.22	8.11	12.3	1.788	85.3
57	10/11/2008 1:16	13.86			7.21	8.12	15.1	1.708	84.8
58	10/11/2008 1:31	13.74			7.07	8.11	17.6	1.609	83.2
59	10/11/2008 1:46	13.72			7.05	8.1	16.5	1.511	83.2
60	10/11/2008 2:01	13.64			6.99	8.1	15	1.422	82.3
61	10/11/2008 2:16	13.69			7.08	8.1	16.6	1.353	83
62	10/11/2008 2:31	13.69			7.05	8.1	17.5	1.278	82.7
63	10/11/2008 2:46	13.71			7.05	8.04	16	1.214	82.4
64	10/11/2008 3:01	13.81			7.08	8.09	16.4	1.165	83
65	10/11/2008 3:16	13.79			6.98	8.09	13.7	1.115	81.9
66	10/11/2008 3:31	13.85			7.05	8.09	15	1.121	82.5
67	10/11/2008 3:46	13.67			7.06	8.03	14.3	1.094	82.5
68	10/11/2008 4:01	13.81			7.17	8.09	16.4	1.105	84
69	10/11/2008 4:16	13.78			7.2	8.08	18.8	1.147	84.4
70	10/11/2008 4:31	13.81			7.21	8.09	18.1	1.186	84.6
71	10/11/2008 4:46	13.77			7.24	8.09	18.9	1.219	85
72	10/11/2008 5:01	13.76			7.23	8.09	17	1.292	84.7
73	10/11/2008 5:16	13.77			7.22	8.09	17.4	1.356	84.7
74	10/11/2008 5:31	13.77			7.26	8.08	18.4	1.426	85.1
75	10/11/2008 5:46	13.77			7.26	8.09	16.7	1.494	85.1
76	10/11/2008 6:01	13.77			7.25	8.08	15.6	1.569	84.9
77	10/11/2008 6:16	13.6			7.28	8.1	15.1	1.655	85.1
78	10/11/2008 6:31	13.6			7.35	8.11	15.3	1.73	85.7
79	10/11/2008 6:46	13.68			7.36	8.11	13.6	1.813	86
80	10/11/2008 7:01	13.79			7.41	8.06	13.7	1.887	86.9
81	10/11/2008 7:16	13.92			7.48	8.07	14	1.986	87.9
82	10/11/2008 7:31	14.02			7.52	8.15	15.9	2.059	88.6
83	10/11/2008 7:46	14.05			7.53	8.15	15.1	2.14	88.8
84	10/11/2008 8:01	14.07			7.57	8.08	13.9	2.224	89
85	10/11/2008 8:16	14.05			7.55	8.15	16.4	2.303	89
86	10/11/2008 8:31	14.01			7.6	8.08	15.3	2.376	89.3
87	10/11/2008 8:46	13.94			7.67	8.14	15.1	2.437	90
88	10/11/2008 9:01	13.91			7.7	8.14	15	2.503	90.4
89	10/11/2008 9:16	13.66			7.79	8.13	20.3	2.57	90.9
90	10/11/2008 9:31	13.54			7.84	8.06	19.2	2.619	91.2
91	10/11/2008 9:46	13.57			7.82	8.13	18.8	2.676	91
92	10/11/2008 10:01	13.14			7.94	8.1	16.1	2.729	91.6
93	10/11/2008 10:16	13.05			7.96	8.04	9.6	2.761	91.5
94	10/11/2008 10:31	12.82			7.73	8.09	10.1	2.788	88.7
95	10/11/2008 10:46	13.3			7.79	8.13	8.2	2.791	90.3
96	10/11/2008 11:01	13.09			7.76	8.1	11.4	2.787	89.5
97	10/11/2008 11:16	12.95			7.83	8.11	15.6	2.753	90.2

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
98	10/11/2008 11:31	13.3			7.79	8.12	16.8	2.7	90.3
99	10/11/2008 11:46	13.56			7.92	8.12	27.9	2.66	92.1
100	10/11/2008 12:01	13.58			7.95	8.12	28.7	2.584	92.5
101	10/11/2008 12:16	13.58			7.97	8.12	33.9	2.5	92.9
102	10/11/2008 12:31	13.58			7.99	8.12	36.3	2.418	93.1
103	10/11/2008 12:46	13.62			7.87	8.12	38.7	2.327	91.7
104	10/11/2008 13:01	13.71			7.84	8.13	47.6	2.242	91.7
105	10/11/2008 13:16	13.9			7.78	8.13	82.2	2.155	91.4
106	10/11/2008 13:31	13.99			7.76	8.13	112.8	2.068	91
107	10/11/2008 13:46	14.04			7.77	8.13	135.3	1.983	91.3
108	10/11/2008 14:01	14.05			7.74	8.13	168.9	1.899	91.1
109	10/11/2008 14:16	14.06			7.71	8.12	144.5	1.813	90.8
110	10/11/2008 14:31	14.03			7.74	8.09	125.1	1.71	91.1
111	10/11/2008 14:46	14			7.66	8.11	130.8	1.648	90
112	10/11/2008 15:01	13.95			7.63	8.1	100.6	1.575	89.7
113	10/11/2008 15:16	13.92			7.62	8.07	75.3	1.521	89.5
114	10/11/2008 15:31	13.9			7.6	8.09	53.7	1.475	89.2
115	10/11/2008 15:46	13.9			7.53	8.09	40.5	1.439	88.5
116	10/11/2008 16:01	13.9			7.49	8.08	31.9	1.43	87.9
117	10/11/2008 16:16	13.89			7.49	8.08	33.3	1.408	88.1
118	10/11/2008 16:31	13.89			7.6	8.07	33.5	1.426	89.3
119	10/11/2008 16:46	13.89			7.66	8.08	35.5	1.454	90
120	10/11/2008 17:01	13.9			7.65	8.07	33.7	1.494	89.9
121	10/11/2008 17:16	13.93			7.65	8.08	32.6	1.537	89.7
122	10/11/2008 17:31	13.93			7.65	8.08	30.8	1.587	89.8
123	10/11/2008 17:46	13.95			7.67	8.03	30.3	1.665	90
124	10/11/2008 18:01	13.97			7.66	8.03	30.6	1.722	89.9
125	10/11/2008 18:16	13.99			7.64	8.09	29.5	1.788	89.8
126	10/11/2008 18:31	14.01			7.65	8.09	30.5	1.869	90
127	10/11/2008 18:46	13.96			7.78	8.09	33.4	1.941	90.4
128	10/11/2008 19:01	13.74			7.86	8.09	34.3	2.014	91.8
129	10/11/2008 19:16	13.77			7.9	8.1	28.2	2.083	91.7
130	10/11/2008 19:31	13.79			7.86	8.11	22.5	2.156	91.8
131	10/11/2008 19:46	13.81			7.86	8.11	23.2	2.232	91.9
132	10/11/2008 20:01	13.84			7.85	8.12	22.3	2.3	91.9
133	10/11/2008 20:16	13.85			7.86	8.12	21.4	2.368	92
134	10/11/2008 20:31	13.86			7.83	8.12	20.8	2.419	91.8
135	10/11/2008 20:46	13.84			7.84	8.12	18.6	2.479	91.8
136	10/11/2008 21:01	13.81			7.83	8.12	20.7	2.545	91.7
137	10/11/2008 21:16	13.73			7.86	8.12	21.5	2.603	91.6
138	10/11/2008 21:31	13.52			7.89	8.11	35.2	2.638	91.9
139	10/11/2008 21:46	13.33			7.95	8.09	24.2	2.683	92.2
140	10/11/2008 22:01	13.28			7.92	8.1	20.4	2.725	91.7
141	10/11/2008 22:16	13.24			7.9	8.1	16.7	2.747	91.4
142	10/11/2008 22:31	13.04			7.76	8.1	12.9	2.765	89.5
143	10/11/2008 22:46	13.06			7.75	8.09	13.8	2.756	89.4
144	10/11/2008 23:01	13.07			7.81	8.08	11.5	2.744	90.3
145	10/11/2008 23:16	13.01			7.86	8.1	12	2.713	90.5
146	10/11/2008 23:31	13.06			7.77	8.11	13.4	2.65	89.7

sonde #1			Indian Island Long-Term Deployment Water Quality Data				TP #2		
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
147	10/11/2008 23:46	13.26			7.71	8.11	15.7	2.583	89.3
148	10/12/2008 0:01	13.31			7.68	8.11	18	2.509	89.1
149	10/12/2008 0:16	13.36			7.73	8.12	23.3	2.421	89.8
150	10/12/2008 0:31	13.36			7.71	8.12	21.9	2.321	89.4
151	10/12/2008 0:46	13.25			7.62	8.12	17.6	2.226	88.2
152	10/12/2008 1:01	13.31			7.79	8.12	17.6	2.134	88.8
153	10/12/2008 1:16	13.17			7.78	8.11	18.4	2.037	88.4
154	10/12/2008 1:31	13.09			7.73	8.11	24	1.942	87.9
155	10/12/2008 1:46	12.95			7.67	8.08	23.4	1.835	87.3
156	10/12/2008 2:01	12.77			7.58	8.08	18.9	1.722	86.1
157	10/12/2008 2:16	12.88			7.54	8.09	32.7	1.627	85.7
158	10/12/2008 2:31	12.84			7.49	8.09	30.3	1.525	85.1
159	10/12/2008 2:46	12.62			7.47	8.07	22.9	1.428	84.7
160	10/12/2008 3:01	12.67			7.46	8.08	28.4	1.351	84.6
161	10/12/2008 3:16	12.71			7.46	8.07	24.8	1.276	84.1
162	10/12/2008 3:31	12.79			7.49	8.08	27.3	1.208	84.8
163	10/12/2008 3:46	12.85			7.37	8.07	21.1	1.181	84
164	10/12/2008 4:01	12.84			7.39	8.08	20.6	1.15	84
165	10/12/2008 4:16	12.71			7.41	8.07	17.4	1.13	84
166	10/12/2008 4:31	12.85			7.53	8.07	19.4	1.16	85.7
167	10/12/2008 4:46	12.87			7.57	8.07	20.1	1.176	86.3
168	10/12/2008 5:01	12.88			7.58	8.07	20.6	1.214	86.5
169	10/12/2008 5:16	12.83			7.64	8.06	22.3	1.272	86.7
170	10/12/2008 5:31	12.84			7.56	8.06	20.4	1.327	86.1
171	10/12/2008 5:46	12.91			7.58	8.07	21.2	1.41	86.4
172	10/12/2008 6:01	12.88			7.61	8.07	21.2	1.478	86.7
173	10/12/2008 6:16	12.85			7.6	8.07	20	1.559	86.4
174	10/12/2008 6:31	12.78			7.58	8.07	19.9	1.639	86.4
175	10/12/2008 6:46	12.72			7.61	8.08	18	1.724	86.5
176	10/12/2008 7:01	12.8			7.59	8.08	19.1	1.813	86.7
177	10/12/2008 7:16	12.89			7.7	8.08	20.3	1.899	87.2
178	10/12/2008 7:31	13.01			7.73	8.1	19.7	1.993	87.8
179	10/12/2008 7:46	13.12			7.77	8.12	21.4	2.084	88.4
180	10/12/2008 8:01	13.14			7.77	8.12	20.2	2.171	88.5
181	10/12/2008 8:16	13.14			7.77	8.11	23.1	2.263	88.5
182	10/12/2008 8:31	13.1			7.8	8.11	25.1	2.35	88.7
183	10/12/2008 8:46	13.01			7.83	8.11	28.2	2.425	89.1
184	10/12/2008 9:01	12.95			7.86	8.1	29.8	2.508	89.2
185	10/12/2008 9:16	12.8			7.89	8.09	41	2.59	89.3
186	10/12/2008 9:31	12.68			7.89	8.08	50	2.658	89.3
187	10/12/2008 9:46	12.46			7.94	8.07	48.7	2.732	89.2
188	10/12/2008 10:01	12.04			7.97	8.04	37.3	2.808	88.6
189	10/12/2008 10:16	11.85			7.94	8.04	33.4	2.868	87.9
190	10/12/2008 10:31	11.74			7.95	8.02	31.1	2.919	87.9
191	10/12/2008 10:46	11.6			7.92	8.01	18.3	2.959	87.6
192	10/12/2008 11:01	11.66			7.81	8.03	12.7	3.005	86.5
193	10/12/2008 11:16	11.8			7.8	8.04	10.4	3.002	86.6
194	10/12/2008 11:31	11.62			7.81	8.02	11.2	2.986	87
195	10/12/2008 11:46	11.47			7.81	8.01	11.5	2.956	86.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth
			mS/cm	ppt	mg/L		NTU	meters
196	10/12/2008 12:01	12.16			7.92	8.05	14.3	2.898
197	10/12/2008 12:16	12.59			7.96	8.07	22.3	2.83
198	10/12/2008 12:31	12.5			7.98	8.06	25.5	2.738
199	10/12/2008 12:46	12.64			8.01	8.07	29.3	2.635
200	10/12/2008 13:01	12.95			8.09	8.09	26.4	2.534
201	10/12/2008 13:16	13.04			8.04	8.09	26.7	2.428
202	10/12/2008 13:31	12.99			8.21	8.11	24.2	2.314
203	10/12/2008 13:46	13			8.26	8.1	36	2.202
204	10/12/2008 14:01	13.09			8.27	8.09	56	2.104
205	10/12/2008 14:16	13.19			8.3	8.1	71.5	1.99
206	10/12/2008 14:31	13.3			8.26	8.11	105.2	1.891
207	10/12/2008 14:46	13.34			8.19	8.1	114.7	1.777
208	10/12/2008 15:01	13.37			8.23	8.08	108.3	1.664
209	10/12/2008 15:16	13.36			8.12	8.1	116.2	1.572
210	10/12/2008 15:31	13.39			8.16	8.1	89	1.453
211	10/12/2008 15:46	13.38			8.15	8.1	87.9	1.386
212	10/12/2008 16:01	13.37			8.15	8.1	60.2	1.307
213	10/12/2008 16:16	13.36			8.15	8.1	42.6	1.251
214	10/12/2008 16:31	13.36			8.09	8.1	29.8	1.217
215	10/12/2008 16:46	13.36			8.04	8.04	77.1	1.193
216	10/12/2008 17:01	13.35			8.13	8.17	23.9	1.21
217	10/12/2008 17:16	13.34			8.18	8.08	22.7	1.215
218	10/12/2008 17:31	13.34			8.07	8.1	22.8	1.252
219	10/12/2008 17:46	13.36			8.15	8.1	22	1.308
220	10/12/2008 18:01	13.36			8.27	8.1	22.9	1.372
221	10/12/2008 18:16	13.36			8.33	8.1	25.3	1.454
222	10/12/2008 18:31	13.37			8.25	8.1	27.2	1.52
223	10/12/2008 18:46	13.38			8.2	8.1	26.3	1.613
224	10/12/2008 19:01	13.37			8.31	8.1	27.5	1.699
225	10/12/2008 19:16	13.36			8.3	8.08	20.8	1.783
226	10/12/2008 19:31	13.35			8.32	8.08	22.3	1.865
227	10/12/2008 19:46	13.35			8.29	8.1	19.3	1.954
228	10/12/2008 20:01	13.34			8.29	8.11	20.7	2.04
229	10/12/2008 20:16	13.33			8.23	8.11	18.5	2.115
230	10/12/2008 20:31	13.33			8.1	8.11	21.1	2.196
231	10/12/2008 20:46	13.33			8.13	8.11	20.2	2.279
232	10/12/2008 21:01	13.3			8.14	8.11	21.2	2.356
233	10/12/2008 21:16	13.2			8.03	8.08	27.8	2.431
234	10/12/2008 21:31	13.09			7.88	8.1	26.4	2.499
235	10/12/2008 21:46	12.92			7.89	8.08	26.2	2.568
236	10/12/2008 22:01	12.78			7.84	8.08	40.1	2.635
237	10/12/2008 22:16	12.54			7.84	8.06	29.1	2.697
238	10/12/2008 22:31	12.39			7.84	8.05	23.3	2.763
239	10/12/2008 22:46	12.11			7.72	8.03	17.6	2.807
240	10/12/2008 23:01	11.99			7.66	8.02	14.5	2.849
241	10/12/2008 23:16	11.93			7.54	8.01	11.7	2.878
242	10/12/2008 23:31	12.07			7.4	8.02	9.6	2.892
243	10/12/2008 23:46	12.03			7.5	8.02	10.6	2.876
244	10/13/2008 0:01	12.21			7.46	8.03	11	2.847

sonde #1			Indian Island Long-Term Deployment Water Quality Data				TP #2		
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
245	10/13/2008 0:16	12.47			7.33	8.07	14.5	2.794	84.2
246	10/13/2008 0:31	12.47			7.48	8.07	15.2	2.719	85.9
247	10/13/2008 0:46	12.71			7.52	8.09	15.4	2.636	86.6
248	10/13/2008 1:01	12.72			7.61	8.08	18.1	2.528	87.4
249	10/13/2008 1:16	12.74			7.65	8.07	14.6	2.436	88.1
250	10/13/2008 1:31	12.66			7.73	8.06	18.1	2.332	88.9
251	10/13/2008 1:46	12.79			7.76	8.1	22.8	2.231	89.5
252	10/13/2008 2:01	12.63			7.67	8.08	15.4	2.117	88.3
253	10/13/2008 2:16	12.6			7.63	8.08	18.6	2.021	88.1
254	10/13/2008 2:31	12.53			7.59	8.07	15.2	1.919	87.6
255	10/13/2008 2:46	12.52			7.55	8.06	16.2	1.802	87.1
256	10/13/2008 3:01	12.48			7.51	8.06	16.1	1.704	86.5
257	10/13/2008 3:16	12.5			7.48	8.06	14.8	1.585	86.3
258	10/13/2008 3:31	12.51			7.46	8.07	13.9	1.498	86.2
259	10/13/2008 3:46	12.55			7.47	8.05	13.6	1.421	86.4
260	10/13/2008 4:01	12.57			7.46	8.06	12.6	1.33	86.1
261	10/13/2008 4:16	12.58			7.43	8.06	11.1	1.295	85.9
262	10/13/2008 4:31	12.66			7.45	8.08	9.3	1.256	86.2
263	10/13/2008 4:46	12.67			7.37	8.06	7.3	1.223	85.4
264	10/13/2008 5:01	12.56			7.51	8.07	9.5	1.233	86.4
265	10/13/2008 5:16	12.62			7.51	8.08	11.1	1.25	86.7
266	10/13/2008 5:31	12.66			7.58	8.08	10.6	1.296	87.7
267	10/13/2008 5:46	12.74			7.62	8.08	12	1.343	88.3
268	10/13/2008 6:01	12.69			7.65	8.08	11.7	1.41	88.5
269	10/13/2008 6:16	12.71			7.62	8.07	11.7	1.481	88.2
270	10/13/2008 6:31	12.73			7.66	8.07	13	1.565	88.6
271	10/13/2008 6:46	12.73			7.63	8.07	12.5	1.649	88.4
272	10/13/2008 7:01	12.69			7.61	8.08	12.6	1.738	88.3
273	10/13/2008 7:16	12.68			7.59	8.06	13.7	1.83	87.9
274	10/13/2008 7:31	12.66			7.58	8.08	15.1	1.922	87.8
275	10/13/2008 7:46	12.68			7.6	8.07	14.8	2.019	88.1
276	10/13/2008 8:01	12.71			7.65	8.08	14.4	2.099	88.5
277	10/13/2008 8:16	12.73			7.63	8.07	15.5	2.193	88.5
278	10/13/2008 8:31	12.73			7.65	8.08	19.4	2.289	88.5
279	10/13/2008 8:46	12.71			7.65	8.09	20.3	2.379	88.6
280	10/13/2008 9:01	12.61			7.61	8.09	27.6	2.464	88
281	10/13/2008 9:16	12.54			7.61	8.07	26.3	2.555	87.7
282	10/13/2008 9:31	12.42			7.57	8.06	31.6	2.645	87
283	10/13/2008 9:46	12.09			7.53	8.03	39.2	2.726	86
284	10/13/2008 10:01	11.89			7.51	8.02	31.2	2.814	85.3
285	10/13/2008 10:16	11.41			7.41	7.97	32.2	2.895	83.5
286	10/13/2008 10:31	11.15			7.33	7.94	31.4	2.973	82.1
287	10/13/2008 10:46	11.18			7.31	7.95	29.5	3.046	82
288	10/13/2008 11:01	11			7.24	7.94	26.4	3.107	81
289	10/13/2008 11:16	11.03			7.17	7.94	15.9	3.152	80.2
290	10/13/2008 11:31	10.75			7.09	7.92	11.1	3.183	79
291	10/13/2008 11:46	11.17			7.23	7.96	10.8	3.192	81.2
292	10/13/2008 12:01	10.79			7.08	7.92	9.9	3.175	78.8
293	10/13/2008 12:16	10.76			7.04	7.92	9.8	3.14	78.4

2008

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
343	10/14/2008 0:46	11.73			7.31	7.97	8.8	2.917	83.1
344	10/14/2008 1:01	11.71			7.32	7.97	10.1	2.86	83.2
345	10/14/2008 1:16	12.18			7.33	8	13.2	2.803	84
346	10/14/2008 1:31	12.61			7.4	8.03	16	2.712	85.7
347	10/14/2008 1:46	12.6			7.46	8.03	18.9	2.612	86.6
348	10/14/2008 2:01	12.59			7.49	8.04	13	2.516	87
349	10/14/2008 2:16	12.58			7.52	8.04	12	2.409	87.3
350	10/14/2008 2:31	12.8			7.5	8.06	10.1	2.316	87.4
351	10/14/2008 2:46	12.96			7.62	8.07	9.8	2.214	89.2
352	10/14/2008 3:01	13.03			7.57	8.07	9.6	2.112	88.7
353	10/14/2008 3:16	12.86			7.6	8.06	12	1.999	88.7
354	10/14/2008 3:31	12.66			7.51	8.04	10.6	1.895	87.3
355	10/14/2008 3:46	12.72			7.54	8.05	11.3	1.796	87.7
356	10/14/2008 4:01	12.57			7.51	8.03	9.6	1.693	87
357	10/14/2008 4:16	12.77			7.49	8.05	9.5	1.616	87.3
358	10/14/2008 4:31	12.77			7.51	8.03	9.1	1.518	87.5
359	10/14/2008 4:46	12.89			7.57	8.04	8.7	1.46	88.4
360	10/14/2008 5:01	12.95			7.57	8.05	7.6	1.406	88.5
361	10/14/2008 5:16	12.96			7.56	8.06	7	1.358	88.4
362	10/14/2008 5:31	13.05			7.62	8.08	5.9	1.34	89.3
363	10/14/2008 5:46	12.97			7.6	8.07	6.3	1.348	88.9
364	10/14/2008 6:01	13.03			7.69	8.08	6	1.378	90
365	10/14/2008 6:16	13.08			7.76	8.08	6.2	1.417	90.8
366	10/14/2008 6:31	13.18			7.92	8.09	6.3	1.475	93.1
367	10/14/2008 6:46	13.14			7.88	8.09	8.1	1.541	92.5
368	10/14/2008 7:01	13.11			7.86	8.09	8.7	1.633	92.1
369	10/14/2008 7:16	13.08			7.75	8.08	11.9	1.727	90.7
370	10/14/2008 7:31	13.02			7.69	8.07	12.6	1.814	89.8
371	10/14/2008 7:46	12.99			7.65	8.06	10.1	1.921	89.4
372	10/14/2008 8:01	12.99			7.64	8.06	9.9	2.005	89.3
373	10/14/2008 8:16	13			7.65	8.06	9.6	2.095	89.4
374	10/14/2008 8:31	12.92			7.63	8.06	10.6	2.188	89.1
375	10/14/2008 8:46	12.89			7.61	8.05	12.5	2.286	88.7
376	10/14/2008 9:01	12.87			7.62	8.05	14.8	2.378	88.9
377	10/14/2008 9:16	12.7			7.57	8.04	18.1	2.465	88
378	10/14/2008 9:31	12.52			7.52	8.03	19.7	2.552	87
379	10/14/2008 9:46	12.36			7.48	8.01	20.9	2.658	86.3
380	10/14/2008 10:01	12.1			7.44	7.98	27.3	2.745	85.5
381	10/14/2008 10:16	11.73			7.43	7.96	25.3	2.836	84.7
382	10/14/2008 10:31	11.36			7.47	7.94	30.4	2.935	84.4
383	10/14/2008 10:46	11.17			7.48	7.93	27.2	3.025	84.2
384	10/14/2008 11:01	11.19			7.46	7.93	21.7	3.104	84
385	10/14/2008 11:16	11.13			7.44	7.93	16.2	3.186	83.7
386	10/14/2008 11:31	11.06			7.45	7.93	14.6	3.265	83.5
387	10/14/2008 11:46	11.08			7.47	7.93	11.2	3.295	83.4
388	10/14/2008 12:01	11.03			7.47	7.92	9.3	3.342	83
389	10/14/2008 12:16	11.31			7.46	7.94	8.2	3.35	83.4
390	10/14/2008 12:31	11.21			7.43	7.93	8.3	3.34	82.9
391	10/14/2008 12:46	10.99			7.46	7.92	9.1	3.298	82.7

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
392	10/14/2008 13:01	11.58			7.53	7.96	10.6	3.216	84.9
393	10/14/2008 13:16	11.36			7.51	7.94	19.3	3.146	84.4
394	10/14/2008 13:31	11.77			7.64	7.97	12.8	3.022	86.4
395	10/14/2008 13:46	11.83			7.68	7.97	12.9	2.902	86.6
396	10/14/2008 14:01	12.02			7.68	7.99	16.6	2.794	87.1
397	10/14/2008 14:16	12.41			7.77	8.01	19.5	2.659	88.9
398	10/14/2008 14:31	12.88			7.87	8.05	16.6	2.536	91.1
399	10/14/2008 14:46	13.03			7.99	8.06	16.2	2.412	92.6
400	10/14/2008 15:01	12.96			7.96	8.06	17	2.28	92.8
401	10/14/2008 15:16	12.89			8.03	8.05	15.9	2.141	93.2
402	10/14/2008 15:31	12.79			8.11	8.03	15.3	2.002	93.8
403	10/14/2008 15:46	12.81			8.2	8.04	11	1.861	94.8
404	10/14/2008 16:01	12.97			8.28	8.04	14.2	1.7	96.1
405	10/14/2008 16:16	13.12			8.37	8.06	13.7	1.569	97.4
406	10/14/2008 16:31	13.3			8.4	8.08	13.7	1.419	98.1
407	10/14/2008 16:46	13.35			8.4	8.08	13.4	1.271	98
408	10/14/2008 17:01	13.44			8.43	8.11	13.2	1.155	98.6
409	10/14/2008 17:16	13.46			8.46	8.11	11.1	1.034	98.9
410	10/14/2008 17:31	13.55			8.52	8.12	10.5	0.924	100
411	10/14/2008 17:46	13.64			8.63	8.11	9.4	0.828	101.4
412	10/14/2008 18:01	13.65			8.55	8.13	7.4	0.778	100.7
413	10/14/2008 18:16	13.58			8.55	8.11	9.2	0.742	100.4
414	10/14/2008 18:31	13.57			8.59	8.11	8	0.744	100.7
415	10/14/2008 18:46	13.69			8.75	8.13	7.2	0.813	102.6
416	10/14/2008 19:01	13.75			8.81	8.14	8	0.898	103.8
417	10/14/2008 19:16	13.77			8.89	8.15	8.1	0.99	104.7
418	10/14/2008 19:31	13.82			8.97	8.16	8.4	1.052	105.7
419	10/14/2008 19:46	13.81			8.91	8.14	8.5	1.158	104.9
420	10/14/2008 20:01	13.94			8.6	8.12	10.7	1.261	101.6
421	10/14/2008 20:16	13.82			8.83	8.12	10.8	1.33	101.7
422	10/14/2008 20:31	13.71			8.71	8.1	9.8	1.42	100.8
423	10/14/2008 20:46	13.63			8.64	8.11	8.8	1.525	100
424	10/14/2008 21:01	13.57			8.55	8.1	9.2	1.629	99.4
425	10/14/2008 21:16	13.56			8.57	8.1	9.3	1.719	99.4
426	10/14/2008 21:31	13.56			8.54	8.11	10.5	1.83	99.2
427	10/14/2008 21:46	13.46			8.36	8.09	11	1.94	97.2
428	10/14/2008 22:01	13.4			8.26	8.09	12	2.034	95.4
429	10/14/2008 22:16	13.38			8.21	8.09	13.2	2.139	95
430	10/14/2008 22:31	13.22			8.16	8.07	16.7	2.245	93.4
431	10/14/2008 22:46	13.1			8.01	8.06	17.3	2.332	92.3
432	10/14/2008 23:01	13.03			7.94	8.04	18.3	2.423	91.4
433	10/14/2008 23:16	12.75			7.91	8.03	21.8	2.505	90.4
434	10/14/2008 23:31	12.43			7.96	8.01	21.6	2.571	90.4
435	10/14/2008 23:46	12.11			7.98	7.98	19.6	2.654	90
436	10/15/2008 0:01	11.86			7.99	7.97	20.9	2.731	89.7
437	10/15/2008 0:16	11.83			7.93	7.98	17.5	2.79	89
438	10/15/2008 0:31	11.72			7.89	7.97	17	2.846	88.2
439	10/15/2008 0:46	11.66			7.75	7.96	11.9	2.89	86.8
440	10/15/2008 1:01	11.6			7.7	7.96	10.3	2.934	86.2

sonde #1			Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
441	10/15/2008 1:16	11.85			7.64	7.98	8.6	2.944	86
442	10/15/2008 1:31	11.55			7.66	7.96	8.1	2.926	85.7
443	10/15/2008 1:46	11.49			7.63	7.95	8.2	2.895	85.5
444	10/15/2008 2:01	11.75			7.62	7.97	9.9	2.827	85.8
445	10/15/2008 2:16	12.22			7.57	7.99	12.9	2.748	85.9
446	10/15/2008 2:31	12.23			7.62	7.99	17.2	2.659	86.4
447	10/15/2008 2:46	12.23			7.69	7.99	14.7	2.549	86.9
448	10/15/2008 3:01	12.38			7.73	8.01	12	2.463	87.7
449	10/15/2008 3:16	12.39			7.74	8.01	11.3	2.356	87.9
450	10/15/2008 3:31	12.66			7.67	8.04	9.8	2.244	87.6
451	10/15/2008 3:46	12.78			7.72	8.03	9.6	2.153	88.4
452	10/15/2008 4:01	12.78			7.72	8.03	9.5	2.06	88.4
453	10/15/2008 4:16	12.56			7.75	8.01	8.7	1.962	88.3
454	10/15/2008 4:31	12.42			7.75	8	9.2	1.862	87.8
455	10/15/2008 4:46	12.69			7.82	8.03	9	1.789	89.1
456	10/15/2008 5:01	12.81			7.89	8.03	7.8	1.707	90.4
457	10/15/2008 5:16	12.79			7.81	8.03	7.1	1.618	89.4
458	10/15/2008 5:31	12.76			7.75	8.03	6.6	1.563	88.6
459	10/15/2008 5:46	13.04			7.78	8.05	6.3	1.531	89.5
460	10/15/2008 6:01	13.06			7.76	8.04	6.1	1.495	89.4
461	10/15/2008 6:16	13.14			7.83	8.06	5.2	1.477	90.5
462	10/15/2008 6:31	13.1			7.85	8.06	5.6	1.501	90.5
463	10/15/2008 6:46	13.2			7.94	8.07	5.2	1.545	91.8
464	10/15/2008 7:01	13.33			8.01	8.08	5.7	1.569	92.9
465	10/15/2008 7:16	13.36			8.06	8.09	6.7	1.645	93.3
466	10/15/2008 7:31	13.31			8.04	8.08	9.4	1.742	92.9
467	10/15/2008 7:46	13.28			7.87	8.06	14.1	1.831	90.9
468	10/15/2008 8:01	13.19			7.83	8.04	15.6	1.921	90.2
469	10/15/2008 8:16	13.08			7.81	8.05	14.2	2.019	89.6
470	10/15/2008 8:31	13.06			7.8	8.05	13	2.114	89.4
471	10/15/2008 8:46	13.03			7.79	8.06	12.9	2.201	89.3
472	10/15/2008 9:01	12.8			7.78	8.03	14.6	2.295	88.8
473	10/15/2008 9:16	12.73			7.77	8.03	15.4	2.384	88.7
474	10/15/2008 9:31	12.63			7.8	8.02	18	2.474	88.6
475	10/15/2008 9:46	12.4			7.77	8	24.2	2.572	88
476	10/15/2008 10:01	12.17			7.76	7.99	24.2	2.668	87.5
477	10/15/2008 10:16	12.04			7.76	7.99	20.9	2.766	87.3
478	10/15/2008 10:31	11.75			7.82	7.97	24.5	2.867	87.3
479	10/15/2008 10:46	11.57			7.94	7.96	26	2.966	88.3
480	10/15/2008 11:01	11.28			8.01	7.95	22.8	3.07	88.5
481	10/15/2008 11:16	11.05			8.05	7.94	20.4	3.168	88.5
482	10/15/2008 11:31	11.04			8.04	7.94	21.1	3.249	88.4
483	10/15/2008 11:46	11.01			8.06	7.94	19.2	3.336	88.5
484	10/15/2008 12:01	10.97			8.06	7.94	14.6	3.403	88.6
485	10/15/2008 12:16	10.91			8.01	7.94	10.3	3.461	88
486	10/15/2008 12:31	10.92			8.02	7.94	8.8	3.501	88
487	10/15/2008 12:46	11.31			7.99	7.95	7.3	3.504	88.4
488	10/15/2008 13:01	11.01			7.97	7.94	7.1	3.503	87.5
489	10/15/2008 13:16	11.13			7.95	7.94	8	3.453	87.4

2008

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
539	10/16/2008 1:46	11.77			8.06	7.98	9.5	2.892	90
540	10/16/2008 2:01	11.78			8	7.98	6.8	2.92	89.2
541	10/16/2008 2:16	11.95			7.91	7.99	11.3	2.92	88.8
542	10/16/2008 2:31	11.74			7.96	7.98	7	2.896	88.9
543	10/16/2008 2:46	11.89			7.96	7.99	8.4	2.859	89.2
544	10/16/2008 3:01	12.11			7.9	8.01	10	2.785	89
545	10/16/2008 3:16	12.26			7.94	8.01	11.8	2.708	89.6
546	10/16/2008 3:31	12.27			7.92	8.01	11.2	2.619	89.6
547	10/16/2008 3:46	12.24			7.98	8.01	10.3	2.52	89.8
548	10/16/2008 4:01	12.32			7.91	8.02	10.1	2.421	89.6
549	10/16/2008 4:16	12.33			7.97	8.03	9.2	2.326	90.1
550	10/16/2008 4:31	12.35			7.98	8.02	8.5	2.236	90.2
551	10/16/2008 4:46	12.54			8.02	8.03	8.1	2.157	90.8
552	10/16/2008 5:01	12.71			8.01	8.05	7.9	2.058	91.2
553	10/16/2008 5:16	12.41			7.97	8.02	7.3	1.978	90.2
554	10/16/2008 5:31	12.33			7.94	8.02	7.2	1.904	90
555	10/16/2008 5:46	12.41			7.94	8.03	7	1.826	90.1
556	10/16/2008 6:01	12.42			7.97	8.02	6.5	1.76	90.5
557	10/16/2008 6:16	12.53			7.99	8.04	6.6	1.698	90.9
558	10/16/2008 6:31	12.64			8.01	8.05	6.2	1.666	91.3
559	10/16/2008 6:46	12.72			8.01	8.05	5.2	1.669	91.4
560	10/16/2008 7:01	12.84			8.06	8.06	4.8	1.637	92.3
561	10/16/2008 7:16	12.74			8.1	8.06	5.4	1.656	92.4
562	10/16/2008 7:31	12.92			8.18	8.07	5.2	1.689	93.8
563	10/16/2008 7:46	12.96			8.23	8.07	5.9	1.762	94
564	10/16/2008 8:01	12.95			8.21	8.07	7.3	1.807	93.8
565	10/16/2008 8:16	12.93			8.22	8.06	8.4	1.899	93.9
566	10/16/2008 8:31	12.85			8.18	8.06	10.9	1.997	93.2
567	10/16/2008 8:46	12.74			8.1	8.04	10.7	2.078	92.1
568	10/16/2008 9:01	12.73			8.08	8.04	9.3	2.168	91.9
569	10/16/2008 9:16	12.74			8.09	8.04	9.2	2.25	92
570	10/16/2008 9:31	12.53			8.08	8.03	10.1	2.349	91.5
571	10/16/2008 9:46	12.42			8.07	8.02	11.8	2.432	91.2
572	10/16/2008 10:01	12.4			8.08	8.02	12.9	2.521	91.3
573	10/16/2008 10:16	12.22			8.05	8.01	15	2.614	90.7
574	10/16/2008 10:31	12.03			8.02	7.99	15.6	2.706	90
575	10/16/2008 10:46	11.89			7.99	7.99	16.2	2.806	89.2
576	10/16/2008 11:01	11.57			7.96	7.97	19.2	2.903	88.3
577	10/16/2008 11:16	11.21			7.92	7.95	19.2	2.998	87.3
578	10/16/2008 11:31	10.97			7.86	7.94	16.5	3.102	86.1
579	10/16/2008 11:46	10.86			7.83	7.94	16.4	3.195	85.5
580	10/16/2008 12:01	10.78			7.83	7.94	15.2	3.287	85.3
581	10/16/2008 12:16	10.7	52.656	34.52	8.11	7.93	9.6	3.36	90.9
582	10/16/2008 12:31	10.67	52.686	34.54	7.84	7.94	9.3	3.429	87.9
583	10/16/2008 12:46	10.68	52.942	34.73	7.78	7.94	6.3	3.49	87.4
584	10/16/2008 13:01	10.79	52.798	34.63	7.74	7.94	5.6	3.529	87.1
585	10/16/2008 13:16	11.02	52.816	34.66	7.81	7.96	4.4	3.548	88.3
586	10/16/2008 13:31	10.86	52.826	34.65	7.64	7.94	5.6	3.547	86.1
587	10/16/2008 13:46	10.66	52.804	34.62	7.58	7.93	9.8	3.52	85

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
588	10/16/2008 14:01	10.81	52.704	34.56	7.66	7.94	7.8	3.453	86.1
589	10/16/2008 14:16	11.23	52.889	34.72	7.72	7.96	7.9	3.373	87.7
590	10/16/2008 14:31	11.82	52.701	34.62	7.95	7.98	9	3.281	91.4
591	10/16/2008 14:46	11.69	52.642	34.57	7.91	7.97	9.6	3.163	90.7
592	10/16/2008 15:01	11.7	52.779	34.67	7.95	7.99	14.6	3.038	91.1
593	10/16/2008 15:16	11.93	52.751	34.66	8.05	8	13.6	2.911	92.7
594	10/16/2008 15:31	12.24	52.655	34.61	8.23	8.02	12.3	2.778	95.4
595	10/16/2008 15:46	12.63	52.63	34.61	8.33	8.05	17.5	2.646	97.3
596	10/16/2008 16:01	12.83	52.631	34.62	8.48	8.06	16.3	2.507	99.6
597	10/16/2008 16:16	13.04	52.461	34.5	8.57	8.08	15.1	2.358	100.9
598	10/16/2008 16:31	12.77	52.692	34.66	8.62	8.07	12.1	2.218	101.1
599	10/16/2008 16:46	12.57	52.634	34.61	8.44	8.04	10.9	2.075	98.6
600	10/16/2008 17:01	12.44	52.6	34.58	8.43	8.04	11.5	1.918	98.1
601	10/16/2008 17:16	12.55	52.584	34.57	8.44	8.05	11.4	1.758	98.5
602	10/16/2008 17:31	12.85	52.75	34.71	8.52	8.06	15.7	1.599	100.1
603	10/16/2008 17:46	12.94	52.652	34.64	8.56	8.07	16.2	1.439	100.7
604	10/16/2008 18:01	13.05	52.307	34.39	8.56	8.07	15.2	1.262	100.8
605	10/16/2008 18:16	13.21	52.521	34.55	8.63	8.09	12.8	1.096	102
606	10/16/2008 18:31	13.35	52.569	34.59	8.72	8.1	13.2	0.966	103.4
607	10/16/2008 18:46	13.49	52.54	34.58	8.77	8.11	12.3	0.808	104.3
608	10/16/2008 19:01	13.61	52.485	34.54	8.88	8.11	12.3	0.678	105.9
609	10/16/2008 19:16	13.65	52.395	34.48	8.9	8.12	10.7	0.585	106.1
610	10/16/2008 19:31	13.44	52.541	34.58	8.75	8.1	10.3	0.532	103.9
611	10/16/2008 19:46	13.8	52.6	34.63	9.09	8.16	8.7	0.516	108.8
612	10/16/2008 20:01	13.72	52.638	34.66	8.94	8.14	8.2	0.555	106.8
613	10/16/2008 20:16	13.72	52.585	34.62	9.07	8.14	7.1	0.636	108.4
614	10/16/2008 20:31	13.94	52.745	34.74	9.21	8.17	7.3	0.708	110.7
615	10/16/2008 20:46	13.98	52.627	34.66	9.29	8.18	6.7	0.798	111.6
616	10/16/2008 21:01	14.01	52.363	34.47	9.39	8.18	6.3	0.888	112.8
617	10/16/2008 21:16	13.95	52.624	34.66	9.31	8.18	7.1	0.954	111.8
618	10/16/2008 21:31	13.89	52.427	34.51	8.85	8.12	8.2	1.036	106
619	10/16/2008 21:46	13.9	52.46	34.53	8.86	8.12	8.4	1.111	106.2
620	10/16/2008 22:01	13.87	52.284	34.4	8.9	8.13	7.9	1.2	106.5
621	10/16/2008 22:16	13.78	52.46	34.53	8.94	8.13	7.7	1.299	106.9
622	10/16/2008 22:31	13.65	52.519	34.57	8.86	8.12	8.3	1.404	105.7
623	10/16/2008 22:46	13.59	52.562	34.6	8.86	8.12	7.7	1.505	105.6
624	10/16/2008 23:01	13.58	52.584	34.61	8.87	8.11	7.6	1.619	105.8
625	10/16/2008 23:16	13.56	52.593	34.62	8.83	8.11	9.2	1.74	105.1
626	10/16/2008 23:31	13.54	52.58	34.61	8.71	8.11	9.2	1.851	103.7
627	10/16/2008 23:46	13.56	52.607	34.63	8.63	8.1	10.4	1.954	102.8
628	10/17/2008 0:01	13.52	52.674	34.68	8.58	8.1	11	2.061	102.1
629	10/17/2008 0:16	13.41	52.655	34.66	8.51	8.08	11.7	2.166	101.1
630	10/17/2008 0:31	13.29	52.612	34.62	8.44	8.08	11.6	2.256	100
631	10/17/2008 0:46	13.24	52.497	34.54	8.36	8.06	12.2	2.34	98.9
632	10/17/2008 1:01	13.02	52.546	34.56	8.3	8.05	14.8	2.427	97.7
633	10/17/2008 1:16	12.74	52.68	34.65	8.18	8.03	16.5	2.503	95.9
634	10/17/2008 1:31	12.29	52.67	34.62	8.11	8.01	14.4	2.573	94.1
635	10/17/2008 1:46	12.04	52.809	34.71	8.04	8	13.4	2.644	92.8
636	10/17/2008 2:01	11.99	52.648	34.59	7.98	8	12.1	2.705	92

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
637	10/17/2008 2:16	11.91	52.571	34.53	7.97	8	11	2.759	91.7
638	10/17/2008 2:31	11.86	52.658	34.59	7.95	8	9.5	2.805	91.4
639	10/17/2008 2:46	11.84	52.704	34.62	7.91	8	7.2	2.835	90.9
640	10/17/2008 3:01	12.06	52.517	34.5	7.9	8	6.5	2.852	91.1
641	10/17/2008 3:16	11.91	52.755	34.66	7.87	8	6.3	2.842	90.6
642	10/17/2008 3:31	11.77	52.767	34.66	7.85	7.99	6.2	2.806	90.1
643	10/17/2008 3:46	11.86	52.877	34.75	7.84	7.99	7.4	2.76	90.3
644	10/17/2008 4:01	12.38	52.715	34.66	7.82	8.02	8.5	2.689	90.9
645	10/17/2008 4:16	12.47	52.716	34.66	7.87	8.02	10.7	2.606	91.7
646	10/17/2008 4:31	12.49	52.752	34.69	7.87	8.01	10.5	2.521	91.7
647	10/17/2008 4:46	12.57	52.807	34.73	7.91	8.03	10.3	2.434	92.4
648	10/17/2008 5:01	12.64	52.751	34.7	7.87	8.03	8.6	2.346	92
649	10/17/2008 5:16	12.7	52.585	34.58	7.93	8.03	7.6	2.259	92.8
650	10/17/2008 5:31	12.88	52.708	34.68	7.92	8.04	7.4	2.185	93.1
651	10/17/2008 5:46	12.97	52.613	34.61	7.92	8.04	7.1	2.114	93.3
652	10/17/2008 6:01	12.9	52.65	34.63	7.93	8.03	6.9	2.038	93.2
653	10/17/2008 6:16	12.83	52.643	34.63	7.89	8.03	6.2	1.971	92.6
654	10/17/2008 6:31	12.79	52.765	34.71	7.93	8.03	6.5	1.897	93.1
655	10/17/2008 6:46	12.83	52.605	34.6	7.92	8.03	5.9	1.857	92.9
656	10/17/2008 7:01	12.96	52.791	34.74	7.98	8.04	5.4	1.808	94
657	10/17/2008 7:16	13.03	52.739	34.71	7.99	8.04	5.7	1.767	94.3
658	10/17/2008 7:31	13.16	52.568	34.59	8.01	8.05	4.9	1.755	94.6
659	10/17/2008 7:46	13.27	52.653	34.65	8.04	8.07	4.1	1.759	95.2
660	10/17/2008 8:01	13.37	52.514	34.55	8.1	8.07	4.8	1.778	96.1
661	10/17/2008 8:16	13.32	52.56	34.59	8.12	8.07	4.9	1.81	96.3
662	10/17/2008 8:31	13.34	52.646	34.65	8.16	8.07	5.4	1.865	96.8
663	10/17/2008 8:46	13.33	52.659	34.66	8.18	8.07	6.8	1.935	97
664	10/17/2008 9:01	13.28	52.464	34.51	8.18	8.07	9.6	2.005	96.8
665	10/17/2008 9:16	13.26	52.582	34.6	8.08	8.06	10.1	2.082	95.6
666	10/17/2008 9:31	13.15	52.531	34.56	8.06	8.05	9.5	2.165	95.1
667	10/17/2008 9:46	13.08	52.748	34.71	8.02	8.04	7.8	2.251	94.6
668	10/17/2008 10:01	12.97	52.545	34.56	8.01	8.03	8.4	2.329	94.2
669	10/17/2008 10:16	12.64	52.547	34.55	7.98	8.02	9.1	2.41	93.2
670	10/17/2008 10:31	12.44	52.672	34.63	7.96	8.02	9.6	2.496	92.7
671	10/17/2008 10:46	12.37	52.673	34.63	7.97	8.02	10.1	2.586	92.6
672	10/17/2008 11:01	12.12	52.764	34.68	7.91	8	12.6	2.672	91.5
673	10/17/2008 11:16	11.86	52.814	34.7	7.84	7.99	12.4	2.761	90.2
674	10/17/2008 11:31	11.69	52.86	34.73	7.77	7.98	11.2	2.855	89.1
675	10/17/2008 11:46	11.49	52.836	34.7	7.71	7.97	13.4	2.956	88
676	10/17/2008 12:01	11.22	52.86	34.7	7.67	7.96	11.8	3.047	87.1
677	10/17/2008 12:16	11.06	52.839	34.68	7.65	7.96	11.7	3.139	86.5
678	10/17/2008 12:31	10.86	52.786	34.62	7.59	7.95	10.4	3.228	85.4
679	10/17/2008 12:46	10.77	52.884	34.69	7.54	7.94	8.6	3.31	84.8
680	10/17/2008 13:01	10.71	52.929	34.72	7.57	7.95	6.4	3.382	85
681	10/17/2008 13:16	10.73	52.95	34.74	7.57	7.95	5.5	3.437	85.1
682	10/17/2008 13:31	10.79	52.854	34.67	7.56	7.95	4.3	3.482	85
683	10/17/2008 13:46	10.78	52.871	34.68	7.51	7.95	3.5	3.512	84.5
684	10/17/2008 14:01	11.02	52.891	34.71	7.6	7.96	4.7	3.523	86
685	10/17/2008 14:16	10.9	52.817	34.65	7.5	7.95	3.4	3.515	84.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
686	10/17/2008 14:31	10.87	52.942	34.74	7.51	7.95	4.2	3.479	84.6
687	10/17/2008 14:46	11.31	52.785	34.65	7.82	7.98	5.3	3.423	88.9
688	10/17/2008 15:01	11.08	52.922	34.74	7.72	7.96	6.5	3.333	87.4
689	10/17/2008 15:16	11.3	52.889	34.73	7.81	7.98	8.2	3.24	88.8
690	10/17/2008 15:31	11.54	52.704	34.61	7.89	7.99	6.7	3.129	90.1
691	10/17/2008 15:46	11.82	52.81	34.7	7.99	8	10	3.002	91.8
692	10/17/2008 16:01	11.92	52.943	34.8	7.98	8.01	10.8	2.881	92
693	10/17/2008 16:16	12.27	52.548	34.53	8.13	8.03	11.8	2.752	94.2
694	10/17/2008 16:31	12.66	52.785	34.72	8.27	8.05	14.5	2.619	96.8
695	10/17/2008 16:46	12.66	52.849	34.77	8.31	8.05	14.3	2.487	97.3
696	10/17/2008 17:01	12.84	52.563	34.57	8.42	8.07	11.4	2.351	98.8
697	10/17/2008 17:16	12.96	52.376	34.44	8.52	8.07	11	2.213	100.1
698	10/17/2008 17:31	12.33	52.828	34.74	8.4	8.04	9.8	2.063	97.6
699	10/17/2008 17:46	12.2	52.783	34.7	8.36	8.03	9.5	1.918	96.9
700	10/17/2008 18:01	12.49	52.539	34.53	8.36	8.05	10.7	1.755	97.3
701	10/17/2008 18:16	12.79	52.838	34.77	8.44	8.07	14.8	1.59	99.1
702	10/17/2008 18:31	13.01	52.577	34.59	8.48	8.07	14.3	1.441	99.8
703	10/17/2008 18:46	13.12	52.748	34.72	8.46	8.08	13.9	1.278	100
704	10/17/2008 19:01	13.14	52.599	34.61	8.44	8.07	13.8	1.125	99.7
705	10/17/2008 19:16	13.33	52.592	34.61	8.55	8.09	11.8	0.965	101.4
706	10/17/2008 19:31	13.48	52.296	34.4	8.61	8.1	12.5	0.832	102.2
707	10/17/2008 19:46	13.6	52.265	34.38	8.67	8.1	11.5	0.706	103.2
708	10/17/2008 20:01	13.82	52.632	34.66	8.78	8.12	13.4	0.596	105.2
709	10/17/2008 20:16	13.79	52.651	34.67	8.74	8.12	8.9	0.526	104.7
710	10/17/2008 20:31	13.67	52.423	34.5	8.63	8.1	11.7	0.501	103
711	10/17/2008 20:46	13.75	52.801	34.78	8.74	8.12	8.7	0.518	104.7
712	10/17/2008 21:01	14.04	52.459	34.54	8.95	8.14	6.4	0.577	107.6
713	10/17/2008 21:16	14.03	52.617	34.65	8.93	8.14	6	0.666	107.4
714	10/17/2008 21:31	14.12	52.699	34.72	8.96	8.15	6	0.746	108
715	10/17/2008 21:46	14.14	52.68	34.7	8.99	8.15	5.8	0.83	108.4
716	10/17/2008 22:01	14.07	52.636	34.67	8.97	8.14	6	0.907	107.9
717	10/17/2008 22:16	14.06	52.504	34.57	8.63	8.1	7.2	0.969	103.8
718	10/17/2008 22:31	14.06	52.387	34.49	8.48	8.09	7.8	1.044	102
719	10/17/2008 22:46	14.01	52.075	34.26	8.57	8.09	7.3	1.139	102.8
720	10/17/2008 23:01	13.94	52.495	34.56	8.66	8.1	7.8	1.22	103.9
721	10/17/2008 23:16	13.81	52.486	34.55	8.66	8.1	7.1	1.304	103.7
722	10/17/2008 23:31	13.73	52.295	34.41	8.65	8.1	7.3	1.422	103.3
723	10/17/2008 23:46	13.71	52.59	34.62	8.71	8.1	7.4	1.526	104.1
724	10/18/2008 0:01	13.61	52.575	34.61	8.67	8.1	7.9	1.634	103.4
725	10/18/2008 0:16	13.57	52.584	34.61	8.63	8.09	7.7	1.745	102.8
726	10/18/2008 0:31	13.57	52.744	34.73	8.55	8.09	8.1	1.855	102
727	10/18/2008 0:46	13.56	52.68	34.68	8.5	8.09	9.3	1.965	101.3
728	10/18/2008 1:01	13.53	52.718	34.71	8.45	8.08	9.6	2.054	100.7
729	10/18/2008 1:16	13.36	52.728	34.71	8.38	8.07	10.3	2.146	99.5
730	10/18/2008 1:31	13.25	52.746	34.72	8.31	8.06	9.6	2.245	98.4
731	10/18/2008 1:46	13.17	52.595	34.61	8.29	8.06	10.6	2.331	98
732	10/18/2008 2:01	12.91	52.695	34.67	8.22	8.04	12.8	2.397	96.7
733	10/18/2008 2:16	12.65	52.784	34.72	8.11	8.03	12.9	2.471	94.9
734	10/18/2008 2:31	12.3	52.68	34.63	8.04	8.02	11.2	2.541	93.4

sonde #1	Indian Island Long-Term Deployment						Water Quality Data		TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
735	10/18/2008 2:46	12.06	52.869	34.75	8.01	8.01	9.8	2.599	92.6
736	10/18/2008 3:01	11.95	52.706	34.63	7.97	8	8.5	2.657	91.8
737	10/18/2008 3:16	11.88	52.848	34.73	7.95	8.01	8.1	2.697	91.5
738	10/18/2008 3:31	11.92	52.771	34.68	7.93	8.01	6.7	2.739	91.3
739	10/18/2008 3:46	11.84	52.81	34.7	7.84	8	5.5	2.765	90.2
740	10/18/2008 4:01	12.05	52.825	34.72	7.86	8.01	5.2	2.77	90.8
741	10/18/2008 4:16	11.85	52.908	34.77	7.8	8	5.4	2.757	89.8
742	10/18/2008 4:31	11.82	52.805	34.7	7.8	8	4.9	2.735	89.6
743	10/18/2008 4:46	11.94	52.822	34.71	7.79	8	5.5	2.691	89.7
744	10/18/2008 5:01	12.57	52.688	34.65	7.79	8.02	7.1	2.624	90.9
745	10/18/2008 5:16	12.59	52.692	34.65	7.87	8.03	9	2.554	91.9
746	10/18/2008 5:31	12.65	52.587	34.58	7.91	8.03	9.5	2.477	92.5
747	10/18/2008 5:46	12.74	52.876	34.79	7.89	8.03	8.3	2.402	92.5
748	10/18/2008 6:01	12.81	52.604	34.6	7.87	8.02	7.6	2.334	92.3
749	10/18/2008 6:16	12.91	52.738	34.7	7.84	8.03	6.3	2.245	92.2
750	10/18/2008 6:31	13.02	52.736	34.7	7.83	8.03	6.5	2.183	92.3
751	10/18/2008 6:46	13.2	52.582	34.6	7.79	8.04	6.3	2.128	92.1
752	10/18/2008 7:01	13.17	52.58	34.59	7.83	8.04	6.9	2.064	92.5
753	10/18/2008 7:16	13.06	52.794	34.75	7.81	8.03	5.7	2.014	92.2
754	10/18/2008 7:31	13.08	52.722	34.7	7.78	8.03	5.7	1.97	91.8
755	10/18/2008 7:46	13.03	52.62	34.62	7.78	8.03	5.6	1.927	91.7
756	10/18/2008 8:01	13.11	52.579	34.59	7.92	8.04	5	1.9	93.5
757	10/18/2008 8:16	13.18	52.763	34.73	7.92	8.04	4.7	1.891	93.7
758	10/18/2008 8:31	13.15	52.453	34.5	7.86	8.03	4.8	1.883	92.8
759	10/18/2008 8:46	13.21	52.564	34.58	7.89	8.04	4.8	1.91	93.3
760	10/18/2008 9:01	13.27	52.658	34.66	7.97	8.05	4.5	1.939	94.4
761	10/18/2008 9:16	13.27	52.599	34.61	7.95	8.05	5.2	1.969	94.2
762	10/18/2008 9:31	13.3	52.543	34.57	8.03	8.05	5.2	2.024	95.1
763	10/18/2008 9:46	13.28	52.554	34.58	8.01	8.05	6.9	2.087	94.9
764	10/18/2008 10:01	13.25	52.367	34.44	8.02	8.05	7.1	2.158	94.9
765	10/18/2008 10:16	13.18	52.447	34.5	8	8.04	7.8	2.225	94.5
766	10/18/2008 10:31	13.03	52.84	34.78	7.93	8.03	6.7	2.29	93.6
767	10/18/2008 10:46	12.83	52.497	34.52	7.88	8.02	7	2.367	92.4
768	10/18/2008 11:01	12.54	52.782	34.71	7.89	8.02	6.7	2.447	92.1
769	10/18/2008 11:16	12.31	52.827	34.74	7.86	8.01	7	2.519	91.4
770	10/18/2008 11:31	12.16	52.719	34.65	7.85	8.01	7	2.596	90.9
771	10/18/2008 11:46	12.07	52.865	34.75	7.86	8.01	7	2.685	90.9
772	10/18/2008 12:01	11.87	52.761	34.66	7.79	8	8.2	2.771	89.6
773	10/18/2008 12:16	11.58	52.693	34.6	7.68	7.98	9.5	2.858	87.8
774	10/18/2008 12:31	11.35	52.765	34.64	7.56	7.97	9.8	2.947	86.1
775	10/18/2008 12:46	11.14	52.965	34.77	7.48	7.96	9.9	3.035	84.8
776	10/18/2008 13:01	10.87	52.886	34.7	7.36	7.95	9.8	3.125	82.9
777	10/18/2008 13:16	10.69	52.852	34.66	7.29	7.94	8.7	3.205	81.8
778	10/18/2008 13:31	10.52	52.982	34.75	7.19	7.93	6.7	3.275	80.4
779	10/18/2008 13:46	10.43	52.953	34.72	7.1	7.93	5.3	3.339	79.3
780	10/18/2008 14:01	10.44	52.955	34.72	7.01	7.93	4	3.397	78.3
781	10/18/2008 14:16	10.48	52.979	34.74	7.07	7.93	3.7	3.435	79
782	10/18/2008 14:31	10.57	52.973	34.74	7	7.93	2.3	3.457	78.4
783	10/18/2008 14:46	10.7	53.009	34.78	7.12	7.94	4	3.466	80

sonde #1	Indian Island Long-Term Deployment						Water Quality Data		TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
784	10/18/2008 15:01	10.46	52.986	34.74	6.93	7.92	2.9	3.454	77.4
785	10/18/2008 15:16	10.5	52.934	34.71	6.95	7.92	2.9	3.42	77.7
786	10/18/2008 15:31	10.8	52.934	34.73	7.26	7.95	3.9	3.358	81.7
787	10/18/2008 15:46	10.78	52.957	34.74	7.23	7.95	4.2	3.288	81.3
788	10/18/2008 16:01	11.16	52.738	34.61	7.54	7.97	6.3	3.206	85.5
789	10/18/2008 16:16	11.21	52.769	34.63	7.61	7.98	6	3.095	86.3
790	10/18/2008 16:31	11.53	52.798	34.67	7.68	7.99	9.1	2.99	87.7
791	10/18/2008 16:46	11.7	52.883	34.75	7.74	8	9.1	2.877	88.8
792	10/18/2008 17:01	11.99	52.838	34.73	7.81	8.02	10	2.762	90.2
793	10/18/2008 17:16	12.47	52.766	34.7	8.05	8.04	9.8	2.634	93.9
794	10/18/2008 17:31	12.41	52.633	34.6	8.15	8.04	10.7	2.508	94.8
795	10/18/2008 17:46	12.38	52.772	34.7	8.14	8.03	10.9	2.381	94.7
796	10/18/2008 18:01	12.55	52.645	34.61	8.17	8.04	9.9	2.241	95.4
797	10/18/2008 18:16	12.44	52.817	34.74	8.06	8.03	8.9	2.102	93.9
798	10/18/2008 18:31	12.28	52.733	34.67	8	8.02	10.3	1.965	92.8
799	10/18/2008 18:46	12.27	52.731	34.66	7.97	8.02	8.6	1.811	92.5
800	10/18/2008 19:01	12.6	52.659	34.63	8.11	8.04	10.4	1.672	94.7
801	10/18/2008 19:16	12.7	52.791	34.73	8.06	8.04	10.1	1.524	94.4
802	10/18/2008 19:31	12.83	52.772	34.72	8.03	8.05	9.2	1.369	94.3
803	10/18/2008 19:46	12.94	52.574	34.58	8.11	8.05	8.9	1.228	95.3
804	10/18/2008 20:01	13.19	52.544	34.57	8.19	8.07	8.9	1.086	96.9
805	10/18/2008 20:16	13.37	52.614	34.63	8.26	8.08	9.1	0.948	98
806	10/18/2008 20:31	13.41	52.56	34.59	8.27	8.08	7.4	0.835	98.2
807	10/18/2008 20:46	13.48	52.528	34.57	8.29	8.08	9.9	0.728	98.6
808	10/18/2008 21:01	13.61	52.557	34.59	8.29	8.08	9	0.657	98.8
809	10/18/2008 21:16	13.52	52.626	34.64	8.24	8.08	6.7	0.614	98
810	10/18/2008 21:31	13.61	52.601	34.63	8.28	8.09	7.2	0.612	98.7
811	10/18/2008 21:46	13.75	52.634	34.66	8.34	8.1	5.6	0.652	99.8
812	10/18/2008 22:01	13.91	52.708	34.72	8.4	8.1	4.8	0.716	100.8
813	10/18/2008 22:16	13.75	52.697	34.7	8.37	8.09	4.9	0.783	100.2
814	10/18/2008 22:31	13.9	52.509	34.57	8.46	8.11	5.2	0.864	101.4
815	10/18/2008 22:46	13.84	52.633	34.66	8.49	8.1	5	0.944	101.7
816	10/18/2008 23:01	13.81	52.505	34.56	8.31	8.08	6	1.013	99.5
817	10/18/2008 23:16	13.83	52.484	34.55	8.03	8.05	7	1.077	96.1
818	10/18/2008 23:31	13.8	52.373	34.47	8.06	8.05	6.7	1.155	96.4
819	10/18/2008 23:46	13.77	52.56	34.6	8.11	8.06	6	1.227	97
820	10/19/2008 0:01	13.65	52.58	34.61	8.22	8.07	5.5	1.313	98.1
821	10/19/2008 0:16	13.57	52.428	34.5	8.22	8.07	6	1.406	97.8
822	10/19/2008 0:31	13.56	52.488	34.54	8.25	8.07	6.2	1.489	98.2
823	10/19/2008 0:46	13.52	52.473	34.53	8.28	8.07	6	1.588	98.5
824	10/19/2008 1:01	13.38	52.364	34.44	8.27	8.07	6	1.696	98
825	10/19/2008 1:16	13.33	52.649	34.65	8.22	8.07	7	1.795	97.4
826	10/19/2008 1:31	13.31	52.609	34.62	8.19	8.06	6.3	1.896	97.1
827	10/19/2008 1:46	13.31	52.578	34.6	8.16	8.06	7.4	1.991	96.7
828	10/19/2008 2:01	13.27	52.556	34.58	8.15	8.06	7.3	2.085	96.5
829	10/19/2008 2:16	13.1	52.658	34.65	8.12	8.05	7.2	2.17	95.8
830	10/19/2008 2:31	12.99	52.531	34.55	8.06	8.04	7.5	2.251	94.9
831	10/19/2008 2:46	12.94	52.56	34.57	8.02	8.04	7.2	2.327	94.3
832	10/19/2008 3:01	12.7	52.587	34.58	7.98	8.03	8.4	2.403	93.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
833	10/19/2008 3:16	12.62	52.726	34.68	7.92	8.02	8.2	2.467	92.5
834	10/19/2008 3:31	12.32	52.752	34.68	7.8	8.01	8.4	2.53	90.6
835	10/19/2008 3:46	11.98	52.783	34.69	7.73	8	7.4	2.591	89.2
836	10/19/2008 4:01	11.79	52.701	34.62	7.68	7.99	7.5	2.64	88.1
837	10/19/2008 4:16	11.67	52.788	34.67	7.66	7.99	6.2	2.69	87.8
838	10/19/2008 4:31	11.65	52.764	34.66	7.61	7.99	5.6	2.718	87.1
839	10/19/2008 4:46	11.69	52.767	34.66	7.6	7.99	4.8	2.745	87.1
840	10/19/2008 5:01	11.81	52.504	34.47	7.58	7.99	4.7	2.758	87
841	10/19/2008 5:16	11.73	52.781	34.67	7.54	7.99	4.5	2.746	86.5
842	10/19/2008 5:31	11.67	52.795	34.68	7.54	7.98	4.1	2.724	86.4
843	10/19/2008 5:46	11.83	52.826	34.71	7.52	7.99	4.6	2.685	86.5
844	10/19/2008 6:01	12.2	52.741	34.67	7.53	8	5.4	2.633	87.3
845	10/19/2008 6:16	12.43	52.606	34.58	7.59	8.01	6.3	2.564	88.3
846	10/19/2008 6:31	12.4	52.767	34.7	7.6	8.01	6.6	2.497	88.4
847	10/19/2008 6:46	12.55	52.572	34.56	7.63	8.01	6.5	2.438	89
848	10/19/2008 7:01	12.65	52.713	34.67	7.61	8.01	5.8	2.361	89
849	10/19/2008 7:16	12.71	52.685	34.65	7.57	8.01	5.8	2.292	88.6
850	10/19/2008 7:31	12.78	52.814	34.75	7.54	8.01	6	2.246	88.4
851	10/19/2008 7:46	12.83	52.665	34.64	7.53	8.01	5.9	2.196	88.4
852	10/19/2008 8:01	12.89	52.58	34.58	7.53	8.01	5.6	2.15	88.5
853	10/19/2008 8:16	12.91	52.74	34.7	7.52	8.01	5.6	2.11	88.5
854	10/19/2008 8:31	12.96	52.806	34.75	7.57	8.02	5.1	2.082	89.2
855	10/19/2008 8:46	12.99	52.64	34.63	7.54	8.02	4.9	2.062	88.8
856	10/19/2008 9:01	12.97	52.791	34.74	7.5	8.02	4.6	2.045	88.3
857	10/19/2008 9:16	12.97	52.474	34.51	7.51	8.02	4.7	2.039	88.3
858	10/19/2008 9:31	12.97	52.732	34.7	7.57	8.02	5	2.051	89.2
859	10/19/2008 9:46	13.04	52.745	34.71	7.66	8.03	4.4	2.068	90.3
860	10/19/2008 10:01	13	52.699	34.67	7.62	8.02	4.5	2.088	89.8
861	10/19/2008 10:16	13.05	52.757	34.72	7.73	8.03	4.5	2.123	91.2
862	10/19/2008 10:31	13.04	52.683	34.66	7.73	8.03	4.9	2.175	91.2
863	10/19/2008 10:46	12.98	52.686	34.66	7.75	8.03	5.4	2.221	91.2
864	10/19/2008 11:01	12.89	52.585	34.59	7.71	8.02	5.9	2.277	90.6
865	10/19/2008 11:16	12.73	52.667	34.64	7.69	8.01	5.9	2.341	90
866	10/19/2008 11:31	12.64	52.719	34.67	7.66	8.01	5.7	2.403	89.5
867	10/19/2008 11:46	12.42	52.743	34.68	7.63	8	5.4	2.471	88.8
868	10/19/2008 12:01	12.21	52.837	34.74	7.61	7.99	5.7	2.535	88.2
869	10/19/2008 12:16	12.16	52.826	34.73	7.62	8	6.1	2.61	88.2
870	10/19/2008 12:31	11.79	52.811	34.7	7.59	7.99	5.5	2.683	87.2
871	10/19/2008 12:46	11.69	52.872	34.74	7.59	7.98	6	2.75	87
872	10/19/2008 13:01	11.6	52.897	34.75	7.59	7.98	5.3	2.827	86.8
873	10/19/2008 13:16	11.38	52.819	34.68	7.6	7.98	5.6	2.906	86.5
874	10/19/2008 13:31	11.09	52.932	34.75	7.53	7.97	6	2.973	85.3
875	10/19/2008 13:46	10.96	52.803	34.64	7.5	7.96	6	3.044	84.6
876	10/19/2008 14:01	10.73	52.877	34.68	7.45	7.95	5.5	3.115	83.7
877	10/19/2008 14:16	10.63	52.921	34.71	7.46	7.95	5.4	3.179	83.6
878	10/19/2008 14:31	10.52	52.884	34.67	7.43	7.95	4	3.241	83.1
879	10/19/2008 14:46	10.46	52.801	34.61	7.42	7.95	4	3.286	82.8
880	10/19/2008 15:01	10.43	52.909	34.69	7.38	7.95	2.7	3.327	82.3
881	10/19/2008 15:16	10.45	52.845	34.64	7.36	7.95	2.4	3.354	82.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
882	10/19/2008 15:31	10.58	52.892	34.68	7.3	7.95	2.6	3.369	81.7
883	10/19/2008 15:46	10.56	52.948	34.72	7.31	7.94	3.1	3.356	81.8
884	10/19/2008 16:01	10.38	52.882	34.66	7.32	7.94	2.6	3.335	81.6
885	10/19/2008 16:16	10.36	52.942	34.71	7.3	7.94	2.6	3.299	81.4
886	10/19/2008 16:31	10.58	53.007	34.77	7.4	7.96	2.9	3.231	82.9
887	10/19/2008 16:46	10.87	52.993	34.78	7.51	7.97	4.3	3.167	84.7
888	10/19/2008 17:01	11.14	52.758	34.62	7.58	7.98	6	3.08	85.9
889	10/19/2008 17:16	11.3	52.938	34.76	7.63	7.98	5.6	2.976	86.8
890	10/19/2008 17:31	11.45	52.942	34.77	7.68	7.99	7.2	2.879	87.7
891	10/19/2008 17:46	11.79	52.734	34.64	7.76	8	6.4	2.776	89.1
892	10/19/2008 18:01	12.06	52.735	34.66	7.77	8.01	6.5	2.677	89.8
893	10/19/2008 18:16	12.35	52.61	34.58	7.82	8.02	8.2	2.558	90.9
894	10/19/2008 18:31	12.45	52.616	34.59	7.81	8.03	9.8	2.449	90.9
895	10/19/2008 18:46	12.44	52.61	34.58	7.81	8.02	7.8	2.323	90.9
896	10/19/2008 19:01	12.54	52.729	34.68	7.85	8.03	7.8	2.212	91.6
897	10/19/2008 19:16	12.25	52.572	34.55	7.76	8.01	6	2.079	89.9
898	10/19/2008 19:31	12.02	52.737	34.66	7.66	8	6	1.939	88.4
899	10/19/2008 19:46	12.16	52.678	34.62	7.65	8	7.1	1.809	88.5
900	10/19/2008 20:01	12.38	52.512	34.51	7.67	8.01	7.4	1.683	89.1
901	10/19/2008 20:16	12.43	52.754	34.69	7.65	8.01	8.6	1.528	89.1
902	10/19/2008 20:31	12.6	52.756	34.7	7.66	8.02	8.4	1.399	89.5
903	10/19/2008 20:46	12.82	52.73	34.69	7.68	8.03	7.9	1.262	90.1
904	10/19/2008 21:01	12.92	52.488	34.52	7.72	8.03	7.4	1.145	90.6
905	10/19/2008 21:16	13.04	52.537	34.56	7.76	8.04	7.3	1.032	91.4
906	10/19/2008 21:31	13.08	52.511	34.54	7.78	8.04	5.9	0.927	91.7
907	10/19/2008 21:46	13.08	52.542	34.56	7.76	8.03	5.8	0.851	91.5
908	10/19/2008 22:01	13.16	52.524	34.55	7.77	8.04	6	0.794	91.8
909	10/19/2008 22:16	13.13	52.664	34.65	7.74	8.04	5.6	0.761	91.4
910	10/19/2008 22:31	13.08	52.616	34.62	7.69	8.03	6.2	0.752	90.7
911	10/19/2008 22:46	13.15	52.63	34.63	7.77	8.04	4.5	0.774	91.8
912	10/19/2008 23:01	13.33	52.516	34.55	7.84	8.06	4.3	0.829	93
913	10/19/2008 23:16	13.38	52.33	34.42	7.91	8.06	3.8	0.892	93.8
914	10/19/2008 23:31	13.39	52.489	34.54	7.91	8.06	3.9	0.952	93.8
915	10/19/2008 23:46	13.41	52.393	34.47	7.94	8.06	4	1.009	94.2
916	10/20/2008 0:01	13.38	52.505	34.55	7.93	8.06	4	1.094	94.1
917	10/20/2008 0:16	13.36	52.286	34.39	7.67	8.02	5.9	1.154	90.8
918	10/20/2008 0:31	13.36	52.463	34.52	7.63	8.02	6.1	1.205	90.4
919	10/20/2008 0:46	13.33	52.445	34.5	7.73	8.03	5	1.3	91.6
920	10/20/2008 1:01	13.24	52.483	34.53	7.77	8.03	5.4	1.369	91.9
921	10/20/2008 1:16	13.17	52.484	34.52	7.77	8.03	4.9	1.449	91.7
922	10/20/2008 1:31	13.13	52.557	34.58	7.75	8.03	4.7	1.537	91.5
923	10/20/2008 1:46	13.12	52.568	34.58	7.8	8.03	4.8	1.634	92.1
924	10/20/2008 2:01	13.02	52.618	34.62	7.77	8.03	5.2	1.729	91.6
925	10/20/2008 2:16	12.96	52.603	34.6	7.77	8.03	5.1	1.822	91.4
926	10/20/2008 2:31	12.93	52.632	34.62	7.75	8.03	5	1.916	91.1
927	10/20/2008 2:46	12.91	52.43	34.47	7.75	8.03	4.9	2.001	91.1
928	10/20/2008 3:01	12.86	52.667	34.65	7.72	8.02	5.3	2.085	90.6
929	10/20/2008 3:16	12.75	52.679	34.65	7.7	8.02	5.7	2.17	90.2
930	10/20/2008 3:31	12.65	52.607	34.59	7.67	8.02	5.4	2.249	89.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
931	10/20/2008 3:46	12.58	52.627	34.6	7.65	8.01	5.7	2.318	89.3
932	10/20/2008 4:01	12.5	52.701	34.65	7.63	8.01	5.9	2.382	89
933	10/20/2008 4:16	12.45	52.507	34.51	7.6	8	6.1	2.444	88.5
934	10/20/2008 4:31	12.22	52.629	34.59	7.57	8	6.3	2.513	87.7
935	10/20/2008 4:46	12.03	52.817	34.72	7.53	7.99	6	2.557	87
936	10/20/2008 5:01	11.81	52.706	34.62	7.57	7.98	5.8	2.606	87
937	10/20/2008 5:16	11.63	52.608	34.54	7.53	7.98	5.1	2.655	86.2
938	10/20/2008 5:31	11.49	52.839	34.7	7.53	7.97	4.3	2.695	86
939	10/20/2008 5:46	11.54	52.71	34.61	7.52	7.98	4.1	2.718	85.9
940	10/20/2008 6:01	11.66	52.76	34.65	7.43	7.98	3.6	2.736	85.1
941	10/20/2008 6:16	11.52	52.794	34.67	7.43	7.97	3.9	2.74	84.9
942	10/20/2008 6:31	11.49	52.793	34.67	7.44	7.97	3.6	2.732	84.9
943	10/20/2008 6:46	11.47	52.742	34.63	7.44	7.97	3.9	2.684	84.8
944	10/20/2008 7:01	11.84	52.667	34.59	7.4	7.98	4.9	2.64	85.1
945	10/20/2008 7:16	12.36	52.765	34.69	7.23	7.98	5.7	2.593	84
946	10/20/2008 7:31	12.33	52.549	34.53	7.28	7.98	5.9	2.542	84.5
947	10/20/2008 7:46	12.36	52.696	34.64	7.33	7.98	6.7	2.463	85.2
948	10/20/2008 8:01	12.37	52.618	34.59	7.39	7.99	6.7	2.408	85.9
949	10/20/2008 8:16	12.36	52.475	34.48	7.36	7.98	6	2.364	85.5
950	10/20/2008 8:31	12.39	52.668	34.62	7.36	7.99	5.6	2.3	85.6
951	10/20/2008 8:46	12.44	52.704	34.65	7.41	7.99	4.9	2.245	86.2
952	10/20/2008 9:01	12.52	52.378	34.42	7.44	7.99	5.1	2.207	86.7
953	10/20/2008 9:16	12.59	52.375	34.42	7.46	8	5.1	2.176	87
954	10/20/2008 9:31	12.6	52.557	34.55	7.46	8	5.2	2.137	87.1
955	10/20/2008 9:46	12.68	52.754	34.7	7.48	8.01	4.6	2.114	87.6
956	10/20/2008 10:01	12.67	52.538	34.54	7.48	8	3.8	2.1	87.5
957	10/20/2008 10:16	12.7	52.651	34.63	7.47	8	4.2	2.097	87.4
958	10/20/2008 10:31	12.69	52.565	34.56	7.53	8	4.5	2.093	88
959	10/20/2008 10:46	12.69	52.769	34.71	7.48	8	4	2.097	87.6
960	10/20/2008 11:01	12.75	52.498	34.52	7.53	8	3.8	2.12	88.2
961	10/20/2008 11:16	12.75	52.677	34.65	7.5	8.01	4.2	2.148	87.9
962	10/20/2008 11:31	12.79	52.637	34.62	7.55	8.01	4.1	2.187	88.6
963	10/20/2008 11:46	12.74	52.51	34.52	7.57	8	4.4	2.227	88.6
964	10/20/2008 12:01	12.73	52.497	34.51	7.6	8	4.8	2.274	89
965	10/20/2008 12:16	12.67	52.66	34.63	7.59	8	4.3	2.328	88.7
966	10/20/2008 12:31	12.59	52.592	34.58	7.56	8	4.4	2.381	88.2
967	10/20/2008 12:46	12.42	52.624	34.59	7.53	7.99	4	2.426	87.6
968	10/20/2008 13:01	12.34	52.522	34.51	7.55	7.99	4.5	2.485	87.7
969	10/20/2008 13:16	12.13	52.674	34.62	7.55	7.98	4.2	2.555	87.4
970	10/20/2008 13:31	11.85	52.75	34.66	7.6	7.98	4.2	2.602	87.4
971	10/20/2008 13:46	11.72	52.591	34.53	7.64	7.98	4.2	2.662	87.5
972	10/20/2008 14:01	11.69	52.741	34.64	7.63	7.98	4.1	2.729	87.5
973	10/20/2008 14:16	11.62	52.837	34.71	7.63	7.98	3.7	2.786	87.4
974	10/20/2008 14:31	11.53	52.8	34.68	7.65	7.98	3.8	2.843	87.4
975	10/20/2008 14:46	11.4	52.743	34.63	7.67	7.98	4.2	2.907	87.4
976	10/20/2008 15:01	11.24	52.826	34.68	7.69	7.97	3.8	2.968	87.3
977	10/20/2008 15:16	11.17	52.918	34.74	7.68		3.5	3.016	87.1
978	10/20/2008 15:31	11.13	52.769	34.63	7.7	7.97	3.4	3.067	87.2
979	10/20/2008 15:46	10.98	52.592	34.49	7.68	7.97	3.1	3.113	86.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
980	10/20/2008 16:01	10.92	52.8	34.64	7.69	7.97	2.8	3.148	86.7
981	10/20/2008 16:16	10.94	52.748	34.6	7.67	7.97	2.7	3.166	86.5
982	10/20/2008 16:31	11.1	52.829	34.67	7.61	7.97	2.6	3.193	86.2
983	10/20/2008 16:46	11.05	52.66	34.54	7.62	7.97	3.1	3.187	86.2
984	10/20/2008 17:01	10.89	52.786	34.63	7.62	7.96	2.2	3.171	85.8
985	10/20/2008 17:16	10.93	52.954	34.75	7.63		2.7	3.134	86.1
986	10/20/2008 17:31	11.02	52.888	34.71	7.62		2.4	3.084	86.2
987	10/20/2008 17:46	11.49	52.511	34.46	7.81	8	3.5	3.023	89
988	10/20/2008 18:01	11.72	52.646	34.57	7.9	8	5.5	2.947	90.6
989	10/20/2008 18:16	11.99	52.465	34.45	7.91	8.01	5.1	2.864	91.2
990	10/20/2008 18:31	12.03	52.678	34.61	7.92	8.01	6.2	2.769	91.4
991	10/20/2008 18:46	12.2	52.616	34.58	8	8.01	6.1	2.681	92.6
992	10/20/2008 19:01	12.5	52.428	34.45	8.07	8.03	5.4	2.606	93.9
993	10/20/2008 19:16	12.75	52.687	34.66	8.21	8.05	5.9	2.491	96.2
994	10/20/2008 19:31	12.95	52.53	34.55	8.33	8.06	6.3	2.39	97.9
995	10/20/2008 19:46	12.73	52.484	34.5	8.2	8.04	5.9	2.299	96
996	10/20/2008 20:01	12.33	52.697	34.64	8.02	8.01	5.7	2.181	93.1
997	10/20/2008 20:16	12.16	52.538	34.52	7.91	8	6.7	2.07	91.5
998	10/20/2008 20:31	12.14	52.565	34.54	7.82	8	7	1.944	90.4
999	10/20/2008 20:46	12.42	52.747	34.68	7.91	8.02	8.2	1.838	92.1
1000	10/20/2008 21:01	12.41	52.561	34.55	7.9	8.01	8.8	1.706	91.8
1001	10/20/2008 21:16	12.5	52.713	34.66	7.9	8.01	7.3	1.57	92.1
1002	10/20/2008 21:31	12.74	52.532	34.54	7.96	8.03	7	1.465	93.2
1003	10/20/2008 21:46	12.74	52.764	34.71	7.96	8.02	6.3	1.348	93.3
1004	10/20/2008 22:01	12.86	52.45	34.49	8	8.03	6.8	1.233	93.9
1005	10/20/2008 22:16	13	52.469	34.51	8.05	8.04	6.4	1.146	94.8
1006	10/20/2008 22:31	13.02	52.627	34.62	8.04	8.04	7.1	1.062	94.8
1007	10/20/2008 22:46	13.12	52.371	34.44	8.12	8.04	6.8	0.971	95.8
1008	10/20/2008 23:01	13.19	52.485	34.53	8.16	8.05	5.4	0.928	96.4
1009	10/20/2008 23:16	13.18	52.472	34.52	8.11	8.05	5.3	0.897	95.8
1010	10/20/2008 23:31	13.05	52.489	34.52	7.99	8.03	6	0.883	94.1
1011	10/20/2008 23:46	13.18	52.318	34.4	8.15	8.05	4.9	0.891	96.2
1012	10/21/2008 0:01	13.71	52.344	34.44	8.72	8.13	3.7	0.921	104.1
1013	10/21/2008 0:16	13.56	52.559	34.59	8.6	8.1	3.4	0.949	102.5
1014	10/21/2008 0:31	13.68	52.644	34.66	8.79	8.12	3.8	1.008	105
1015	10/21/2008 0:46	13.74	52.65	34.67	8.91	8.13	3.6	1.066	106.6
1016	10/21/2008 1:01	13.73	52.531	34.58	8.91	8.13	3.6	1.121	106.5
1017	10/21/2008 1:16	13.66	52.558	34.6	8.84	8.12	3.7	1.184	105.5
1018	10/21/2008 1:31	13.72	52.211	34.34	8.68	8.11	5.5	1.247	103.5
1019	10/21/2008 1:46	13.73	52.282	34.4	8.56	8.09	6.6	1.326	102.2
1020	10/21/2008 2:01	13.68	52.493	34.55	8.53	8.09	5.6	1.387	101.9
1021	10/21/2008 2:16	13.63	52.262	34.38	8.58	8.09	5.4	1.472	102.2
1022	10/21/2008 2:31	13.46	52.406	34.48	8.45	8.08	4.9	1.561	100.3
1023	10/21/2008 2:46	13.39	52.385	34.46	8.4	8.07	5	1.628	99.6
1024	10/21/2008 3:01	13.35	52.49	34.54	8.38	8.07	4.5	1.714	99.3
1025	10/21/2008 3:16	13.29	52.276	34.38	8.37	8.07	4.4	1.824	99
1026	10/21/2008 3:31	13.16	52.41	34.47	8.22	8.06	5.1	1.905	97
1027	10/21/2008 3:46	13.12	52.387	34.45	8.16	8.05	4.8	1.978	96.3
1028	10/21/2008 4:01	13.11	52.547	34.57	8.1	8.05	4.6	2.069	95.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1029	10/21/2008 4:16	13.02	52.539	34.56	8.05	8.04	5	2.153	94.8
1030	10/21/2008 4:31	12.96	52.514	34.54	8.02	8.04	4.9	2.224	94.3
1031	10/21/2008 4:46	12.83	52.72	34.68	7.99	8.03	5.5	2.299	93.8
1032	10/21/2008 5:01	12.74	52.492	34.51	7.96	8.03	5.2	2.365	93.1
1033	10/21/2008 5:16	12.7	52.672	34.64	7.94	8.03	5.4	2.431	92.9
1034	10/21/2008 5:31	12.57	52.75	34.69	7.88	8.02	4.9	2.493	92.1
1035	10/21/2008 5:46	12.31	52.621	34.58	7.86	8.01	5.7	2.551	91.3
1036	10/21/2008 6:01	12.21	52.844	34.74	7.8		5.2	2.589	90.4
1037	10/21/2008 6:16	12.07	52.774	34.69	7.78		4.8	2.64	89.9
1038	10/21/2008 6:31	11.9	52.746	34.66	7.77		4.6	2.682	89.4
1039	10/21/2008 6:46	11.77	52.745	34.65	7.77		4	2.714	89.2
1040	10/21/2008 7:01	11.89	52.675	34.6	7.68		3.8	2.723	88.4
1041	10/21/2008 7:16	11.89	52.645	34.58	7.64		3.5	2.733	87.9
1042	10/21/2008 7:31	11.76	52.819	34.7	7.68		3.1	2.74	88.2
1043	10/21/2008 7:46	11.75	52.903	34.76	7.64		3.6	2.714	87.8
1044	10/21/2008 8:01	11.91	52.849	34.73	7.67		4	2.675	88.4
1045	10/21/2008 8:16	12.11	52.642	34.59	7.65		4.2	2.638	88.4
1046	10/21/2008 8:31	12.47	52.418	34.44	7.64		4.6	2.587	88.9
1047	10/21/2008 8:46	12.52	52.434	34.46	7.62		5.1	2.529	88.8
1048	10/21/2008 9:01	12.55	52.376	34.42	7.65		5.1	2.476	89.1
1049	10/21/2008 9:16	12.58	52.706	34.66	7.66		5.2	2.41	89.5
1050	10/21/2008 9:31	12.63	52.531	34.53	7.7		5.1	2.355	89.9
1051	10/21/2008 9:46	12.63	52.657	34.63	7.7		4.7	2.304	90
1052	10/21/2008 10:01	12.69	52.698	34.66	7.74		4.8	2.252	90.6
1053	10/21/2008 10:16	12.8	52.803	34.74	7.74		5.9	2.206	90.9
1054	10/21/2008 10:31	12.91	52.509	34.53	7.81		4.5	2.154	91.8
1055	10/21/2008 10:46	12.97	52.552	34.56	7.83		4.4	2.13	92.1
1056	10/21/2008 11:01	13.02	52.702	34.68	7.85		4.1	2.086	92.5
1057	10/21/2008 11:16	13.07	52.517	34.54	7.88		4.3	2.051	92.9
1058	10/21/2008 11:31	13.14	52.558	34.58	7.86		3.2	2.045	92.8
1059	10/21/2008 11:46	13.12	52.417	34.47	7.84		3.8	2.039	92.4
1060	10/21/2008 12:01	13.16	52.583	34.6	7.87		3.5	2.036	93
1061	10/21/2008 12:16	13.25	52.54	34.57	7.92		3.1	2.036	93.8
1062	10/21/2008 12:31	13.22	52.323	34.41	7.91		3.2	2.072	93.5
1063	10/21/2008 12:46	13.16	52.482	34.52	7.9		3.6	2.103	93.3
1064	10/21/2008 13:01	13.18	52.592	34.6	7.9		3.9	2.133	93.4
1065	10/21/2008 13:16	13.11	52.552	34.57	7.88		3.8	2.173	93
1066	10/21/2008 13:31	13.05	52.657	34.65	7.85		3.6	2.212	92.6
1067	10/21/2008 13:46	13.09	52.46	34.5	7.9		3.9	2.263	93.1
1068	10/21/2008 14:01	13	52.689	34.67	7.89		3.8	2.316	93
1069	10/21/2008 14:16	12.93	52.576	34.58	7.87		3.7	2.358	92.5
1070	10/21/2008 14:31	12.76	52.603	34.59	7.83		3.6	2.414	91.8
1071	10/21/2008 14:46	12.63	52.476	34.49	7.8		3.4	2.467	91
1072	10/21/2008 15:01	12.37	52.751	34.68	7.83		3.6	2.534	91.1
1073	10/21/2008 15:16	12.23	52.71	34.65	7.89		3.4	2.57	91.4
1074	10/21/2008 15:31	12.04	52.751	34.67	7.9		3.1	2.631	91.2
1075	10/21/2008 15:46	11.94	52.778	34.68	7.9		3.1	2.692	91
1076	10/21/2008 16:01	11.88	52.703	34.62	7.9		3.2	2.737	90.8
1077	10/21/2008 16:16	11.8	52.595	34.54	7.89		3.2	2.788	90.6

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1078	10/21/2008 16:31	11.75	52.695	34.61	7.91		2.6	2.841	90.7
1079	10/21/2008 16:46	11.65	52.808	34.69	7.94		2.7	2.891	90.9
1080	10/21/2008 17:01	11.64	52.822	34.7	7.95		2.8	2.922	91
1081	10/21/2008 17:16	11.57	52.682	34.59	7.97		2.8	2.965	91.1
1082	10/21/2008 17:31	11.51	52.764	34.65	7.98		2.6	2.985	91.1
1083	10/21/2008 17:46	11.67	52.606	34.54	7.94		3	2.994	90.9
1084	10/21/2008 18:01	11.53	52.895	34.74	7.89		2	2.996	90.1
1085	10/21/2008 18:16	11.47	52.627	34.54	7.91		2	2.986	90.1
1086	10/21/2008 18:31	11.49	52.767	34.65	7.91		2.1	2.954	90.3
1087	10/21/2008 18:46	11.57	52.921	34.77	7.92		5.7	2.909	90.6
1088	10/21/2008 19:01	11.89	52.629	34.57	8		4.9	2.85	92.1
1089	10/21/2008 19:16	12	52.799	34.7	8		5.6	2.795	92.3
1090	10/21/2008 19:31	11.91	52.786	34.69	7.95		5.1	2.716	91.5
1091	10/21/2008 19:46	11.91	52.865	34.74	7.91		5.2	2.633	91.2
1092	10/21/2008 20:01	11.97	52.831	34.72	7.87		4.9	2.542	90.8
1093	10/21/2008 20:16	12.04	52.787	34.69	7.91		4.7	2.455	91.3
1094	10/21/2008 20:31	12.19	52.831	34.73	7.91		4.6	2.357	91.7
1095	10/21/2008 20:46	12.67	52.672	34.64	8.05		5.8	2.265	94.2
1096	10/21/2008 21:01	12.66	52.687	34.65	8.07		5.2	2.17	94.4
1097	10/21/2008 21:16	12.53	52.523	34.52	8		6	2.054	93.3
1098	10/21/2008 21:31	12.55	52.668	34.63	7.99		6.5	1.96	93.3
1099	10/21/2008 21:46	12.58	52.689	34.65	8.03		7	1.859	93.8
1100	10/21/2008 22:01	12.77	52.518	34.53	8.05		7.7	1.748	94.3
1101	10/21/2008 22:16	12.77	52.52	34.53	8		7.3	1.64	93.7
1102	10/21/2008 22:31	12.92	52.623	34.62	8.02		7	1.534	94.3
1103	10/21/2008 22:46	12.99	52.617	34.61	8.05		7	1.424	94.8
1104	10/21/2008 23:01	13.1	52.538	34.56	8.08		6.7	1.325	95.3
1105	10/21/2008 23:16	13.27	52.334	34.42	8.18		6.8	1.243	96.8
1106	10/21/2008 23:31	13.38	52.598	34.62	8.22		5.9	1.148	97.6
1107	10/21/2008 23:46	13.47	52.628	34.64	8.34		5.4	1.094	99.2
1108	10/22/2008 0:01	13.61	52.456	34.52	8.5		5.4	1.037	101.4
1109	10/22/2008 0:16	13.67	52.522	34.57	8.56		4.9	0.978	102.2
1110	10/22/2008 0:31	13.69	52.5	34.56	8.58		4.5	0.969	102.4
1111	10/22/2008 0:46	13.72	52.593	34.63	8.58		3.7	0.957	102.5
1112	10/22/2008 1:01	13.66	52.527	34.57	8.59		4.5	0.973	102.4
1113	10/22/2008 1:16	13.81	52.402	34.49	8.79		4.5	0.982	105.2
1114	10/22/2008 1:31	13.72	52.521	34.57	8.75		4.3	1.043	104.5
1115	10/22/2008 1:46	13.74	52.434	34.51	8.79		4.6	1.103	105.1
1116	10/22/2008 2:01	13.76	52.359	34.45	8.81		5	1.147	105.2
1117	10/22/2008 2:16	13.7	52.525	34.57	8.75		5	1.211	104.5
1118	10/22/2008 2:31	13.82	52.488	34.55	8.54		6.1	1.274	102.2
1119	10/22/2008 2:46	13.85	52.226	34.36	8.48		6.3	1.359	101.5
1120	10/22/2008 3:01	13.84	52.402	34.49	8.44		6.2	1.41	101
1121	10/22/2008 3:16	13.76	52.451	34.52	8.45		6.2	1.48	101
1122	10/22/2008 3:31	13.63	52.436	34.51	8.39		5.7	1.571	100
1123	10/22/2008 3:46	13.55	52.569	34.6	8.35		5.6	1.643	99.4
1124	10/22/2008 4:01	13.49	52.481	34.53	8.32		5.5	1.726	98.9
1125	10/22/2008 4:16	13.41	52.31	34.41	8.29		5.7	1.817	98.3
1126	10/22/2008 4:31	13.22	52.508	34.54	8.13		5.4	1.898	96.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1127	10/22/2008 4:46	13.13	52.719	34.7	8.07		5.8	1.99	95.3
1128	10/22/2008 5:01	13.06	52.496	34.53	8.04		5.9	2.062	94.8
1129	10/22/2008 5:16	12.93	52.612	34.61	8		5.9	2.153	94
1130	10/22/2008 5:31	12.85	52.55	34.56	7.97		6.3	2.229	93.6
1131	10/22/2008 5:46	12.75	52.757	34.71	7.94		6.2	2.31	93
1132	10/22/2008 6:01	12.61	52.636	34.61	7.92		5.9	2.376	92.6
1133	10/22/2008 6:16	12.57	52.519	34.52	7.91		6	2.426	92.2
1134	10/22/2008 6:31	12.25	52.725	34.66	7.88		6.7	2.507	91.4
1135	10/22/2008 6:46	12.07	52.618	34.57	7.87		6.3	2.565	90.9
1136	10/22/2008 7:01	11.82	52.665	34.59	7.85		6.8	2.63	90.1
1137	10/22/2008 7:16	11.57	52.842	34.71	7.85		5.4	2.678	89.8
1138	10/22/2008 7:31	11.45	52.855	34.71	7.89		4.9	2.721	90
1139	10/22/2008 7:46	11.35	52.878	34.72	7.91		4.3	2.761	90.1
1140	10/22/2008 8:01	11.29	52.802	34.66	7.9		14.1	2.786	89.8
1141	10/22/2008 8:16	11.57	52.695	34.6	7.82		23.6	2.792	89.4
1142	10/22/2008 8:31	11.4	52.565	34.5	7.82		14.2	2.803	89
1143	10/22/2008 8:46	11.32	52.684	34.58	7.85		8.7	2.781	89.2
1144	10/22/2008 9:01	11.43	52.769	34.65	7.81		4.2	2.752	89
1145	10/22/2008 9:16	11.75	52.514	34.48	7.74		5.1	2.701	88.8
1146	10/22/2008 9:31	12	52.657	34.6	7.75		5.4	2.643	89.4
1147	10/22/2008 9:46	12.09	52.702	34.63	7.82		8.6	2.583	90.3
1148	10/22/2008 10:01	12.15	52.617	34.57	7.88		5.7	2.519	91.1
1149	10/22/2008 10:16	12.22	52.479	34.48	7.96		5.4	2.445	92.1
1150	10/22/2008 10:31	12.35	52.414	34.44	8.02		4.8	2.373	93
1151	10/22/2008 10:46	12.49	52.633	34.6	8		4.8	2.319	93.2
1152	10/22/2008 11:01	12.61	52.145	34.25	8.12		4.8	2.266	94.7
1153	10/22/2008 11:16	12.73	52.313	34.38	8.23		4.5	2.186	96.3
1154	10/22/2008 11:31	12.8	52.396	34.44	8.3		4.4	2.139	97.3
1155	10/22/2008 11:46	12.88	52.295	34.37	8.44		4.5	2.091	98.9
1156	10/22/2008 12:01	12.95	52.434	34.48	8.43		4.5	2.047	99.1
1157	10/22/2008 12:16	13.04	52.361	34.43	8.45		4.3	1.994	99.4
1158	10/22/2008 12:31	13.09	52.479	34.52	8.42		3.8	1.957	99.2
1159	10/22/2008 12:46	13.09	52.516	34.54	8.52		4	1.938	100.5
1160	10/22/2008 13:01	13.15	52.019	34.18	8.43		3.2	1.9	99.4
1161	10/22/2008 13:16	13.26	52.344	34.42	8.31		3.3	1.888	98.2
1162	10/22/2008 13:31	13.22	52.204	34.32	8.46		4.3	1.894	99.9
1163	10/22/2008 13:46	13.3	52.204	34.32	8.42		3.6	1.895	99.6
1164	10/22/2008 14:01	13.39	52.324	34.42	8.41		3.2	1.904	99.7
1165	10/22/2008 14:16	13.34	52.316	34.41	8.37		3.9	1.941	99.1
1166	10/22/2008 14:31	13.34	52.279	34.38	8.34		4.1	1.979	98.8
1167	10/22/2008 14:46	13.29	52.265	34.37	8.27		4.2	2.015	97.8
1168	10/22/2008 15:01	13.17	52.249	34.35	8.23		4.4	2.073	97.1
1169	10/22/2008 15:16	13.21	52.352	34.43	8.18		4.3	2.126	96.7
1170	10/22/2008 15:31	13.07	52.242	34.34	8.12		4.2	2.182	95.5
1171	10/22/2008 15:46	13.03	52.281	34.37	8.1		4.3	2.242	95.3
1172	10/22/2008 16:01	12.89	52.421	34.47	8.07		4.5	2.297	94.8
1173	10/22/2008 16:16	12.74	52.208	34.3	8.03		4.5	2.355	93.9
1174	10/22/2008 16:31	12.63	52.393	34.43	8.02		4.6	2.412	93.6
1175	10/22/2008 16:46	12.45	52.402	34.43	8.01		4.1	2.465	93.1

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1176	10/22/2008 17:01	12.28	52.606	34.57	8		3.8	2.528	92.8
1177	10/22/2008 17:16	12.16	52.579	34.55	8		3.7	2.584	92.5
1178	10/22/2008 17:31	12.13	52.512	34.5	8		3.4	2.64	92.4
1179	10/22/2008 17:46	12.08	52.462	34.46	8		3.5	2.691	92.3
1180	10/22/2008 18:01	11.94	52.75	34.66	8.02		3.3	2.735	92.5
1181	10/22/2008 18:16	11.72	52.678	34.6	8.03		3.2	2.776	92
1182	10/22/2008 18:31	11.6	52.199	34.24	8.03		3.4	2.822	91.6
1183	10/22/2008 18:46	11.6	52.431	34.41	7.97		3.2	2.847	91.1
1184	10/22/2008 19:01	11.51	52.469	34.43	7.98		3.1	2.874	91
1185	10/22/2008 19:16	11.48	51.934	34.04	7.91		2.2	2.887	89.9
1186	10/22/2008 19:31	11.54	53.022	34.84	7.85		2.5	2.881	89.8
1187	10/22/2008 19:46	11.47	52.627	34.54	7.9		2.8	2.865	90
1188	10/22/2008 20:01	11.49	53.132	34.92	7.92		9.8	2.838	90.5
1189	10/22/2008 20:16	11.53	53.11	34.9	7.88		2.5	2.792	90.2
1190	10/22/2008 20:31	11.89	53.101	34.92	7.91		3.2	2.726	91.2
1191	10/22/2008 20:46	12.16	53.03	34.88	7.93		4.2	2.674	91.9
1192	10/22/2008 21:01	12.38	51.981	34.12	7.99		4.9	2.583	92.6
1193	10/22/2008 21:16	12.58	52.587	34.57	7.96		4.9	2.498	92.9
1194	10/22/2008 21:31	12.67	52.632	34.61	8.08		4.9	2.423	94.5
1195	10/22/2008 21:46	12.78	53.032	34.91	8.03		4.8	2.333	94.3
1196	10/22/2008 22:01	12.86	52.862	34.79	8.12		4.5	2.247	95.4
1197	10/22/2008 22:16	12.91	52.448	34.49	8.14		4.5	2.156	95.6
1198	10/22/2008 22:31	12.94	52.059	34.2	8.23		5.1	2.06	96.5
1199	10/22/2008 22:46	12.85	52.485	34.51	8.15		5.2	1.96	95.7
1200	10/22/2008 23:01	12.79	52.968	34.86	8.27		5.6	1.86	97.1
1201	10/22/2008 23:16	12.86	52.395	34.45	8.36		6	1.765	98
1202	10/22/2008 23:31	12.95	51.912	34.09	8.29		6.3	1.658	97.2
1203	10/22/2008 23:46	13.03	52.192	34.3	8.33		5.9	1.553	98
1204	10/23/2008 0:01	12.9	52.023	34.17	8.29		5.6	1.457	97.2
1205	10/23/2008 0:16	13.07	52.616	34.62	8.31		5.2	1.37	98
1206	10/23/2008 0:31	13.2	51.871	34.07	8.41		4.8	1.284	99.1
1207	10/23/2008 0:46	13.31	52.307	34.4	8.45		4.3	1.203	100
1208	10/23/2008 1:01	13.46	51.695	33.96	8.73		3.8	1.149	103.4
1209	10/23/2008 1:16	13.48	52.386	34.46	8.76		3.8	1.109	104.1
1210	10/23/2008 1:31	13.67	51.756	34.01	9.16		4.4	1.068	108.9
1211	10/23/2008 1:46	13.79	51.959	34.16	9.38		2.4	1.07	111.9
1212	10/23/2008 2:01	13.74	52.478	34.54	9.26		2.6	1.073	110.7
1213	10/23/2008 2:16	13.84	51.85	34.08	9.54		2.8	1.097	113.9
1214	10/23/2008 2:31	13.76	52.336	34.44	9.38		2.6	1.134	112
1215	10/23/2008 2:46	13.8	52.244	34.37	9.43		3.1	1.193	112.7
1216	10/23/2008 3:01	13.75	52.282	34.4	9.34		3.1	1.245	111.5
1217	10/23/2008 3:16	13.71	52.494	34.55	9.26		3.7	1.309	110.6
1218	10/23/2008 3:31	13.73	52.163	34.31	8.97		4.7	1.389	107.1
1219	10/23/2008 3:46	13.73	52.138	34.29	8.84		5.6	1.446	105.4
1220	10/23/2008 4:01	13.72	52.115	34.27	8.82		5.4	1.512	105.1
1221	10/23/2008 4:16	13.61	52.143	34.29	8.82		4.6	1.597	104.9
1222	10/23/2008 4:31	13.53	52.266	34.38	8.75		4.6	1.678	104
1223	10/23/2008 4:46	13.48	52.231	34.35	8.69		4	1.744	103.2
1224	10/23/2008 5:01	13.39	52.301	34.4	8.63		4	1.834	102.4

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1225	10/23/2008 5:16	13.23	52.389	34.46	8.41		4.3	1.933	99.5
1226	10/23/2008 5:31	13.11	52.535	34.56	8.27		5.3	2.011	97.6
1227	10/23/2008 5:46	13.04	52.483	34.52	8.18		4.9	2.089	96.4
1228	10/23/2008 6:01	12.95	52.392	34.45	8.09		5.2	2.175	95
1229	10/23/2008 6:16	12.81	52.18	34.29	8.06		5.7	2.265	94.4
1230	10/23/2008 6:31	12.7	52.272	34.35	8.01		6.2	2.33	93.6
1231	10/23/2008 6:46	12.55	52.482	34.5	7.95		6.5	2.407	92.7
1232	10/23/2008 7:01	12.4	52.434	34.45	7.93		5.8	2.481	92.1
1233	10/23/2008 7:16	12.13	52.598	34.56	7.84		7.5	2.557	90.6
1234	10/23/2008 7:31	11.87	52.566	34.52	7.81		7.3	2.63	89.8
1235	10/23/2008 7:46	11.69	52.36	34.36	7.81		6.2	2.695	89.4
1236	10/23/2008 8:01	11.47	52.705	34.6	7.74		6.7	2.761	88.3
1237	10/23/2008 8:16	11.17	52.789	34.65	7.74		5.2	2.821	87.7
1238	10/23/2008 8:31	11.16	52.801	34.65	7.75		4.9	2.858	87.9
1239	10/23/2008 8:46	11.02	52.734	34.6	7.76		4	2.902	87.7
1240	10/23/2008 9:01	11	52.704	34.57	7.78		3.8	2.926	87.8
1241	10/23/2008 9:16	11.18	52.627	34.53	7.76		3.5	2.94	87.9
1242	10/23/2008 9:31	11.07	52.297	34.28	7.74		3.5	2.926	87.4
1243	10/23/2008 9:46	11	52.711	34.58	7.77		3.7	2.887	87.8
1244	10/23/2008 10:01	11.28	52.545	34.47	7.76		6.5	2.845	88.1
1245	10/23/2008 10:16	11.81	52.468	34.45	7.94		4.6	2.777	91.1
1246	10/23/2008 10:31	11.96	52.31	34.34	8.03		5.7	2.695	92.4
1247	10/23/2008 10:46	11.93	52.378	34.39	8.02		6.6	2.616	92.3
1248	10/23/2008 11:01	12.09	52.339	34.37	8.06		5.7	2.538	93
1249	10/23/2008 11:16	12.28	52.141	34.23	8.08		6.6	2.458	93.6
1250	10/23/2008 11:31	12.47	52.374	34.41	8.19		5.9	2.375	95.3
1251	10/23/2008 11:46	12.68	52.426	34.46	8.36		5.2	2.304	97.7
1252	10/23/2008 12:01	12.88	52.033	34.18	8.53		5.1	2.24	100
1253	10/23/2008 12:16	12.94	52.24	34.34	8.54		4.9	2.16	100.3
1254	10/23/2008 12:31	13.05	52.369	34.43	8.68		4.6	2.084	102.2
1255	10/23/2008 12:46	13.04	52.342	34.41	8.75		4.6	2.026	103.1
1256	10/23/2008 13:01	13.06	52.412	34.47	8.85		4.3	1.954	104.2
1257	10/23/2008 13:16	13.09	52.566	34.58	8.83		4.3	1.888	104.2
1258	10/23/2008 13:31	13.21	52.147	34.28	9.01		3.8	1.823	106.3
1259	10/23/2008 13:46	13.26	52.154	34.28	8.92		3.5	1.791	105.4
1260	10/23/2008 14:01	13.32	52.289	34.39	8.9		3.5	1.726	105.3
1261	10/23/2008 14:16	13.37	52.211	34.33	8.87		3.1	1.699	105.1
1262	10/23/2008 14:31	13.45	52.163	34.3	8.79		2.7	1.687	104.3
1263	10/23/2008 14:46	13.42	52.33	34.42	9.06		3.5	1.695	107.5
1264	10/23/2008 15:01	13.45	52.272	34.38	8.99		3.2	1.705	106.7
1265	10/23/2008 15:16	13.52	52.26	34.37	8.96		3	1.728	106.5
1266	10/23/2008 15:31	13.5	52.233	34.35	8.98		3.3	1.783	106.7
1267	10/23/2008 15:46	13.62	52.196	34.33	9.04		3.1	1.822	107.6
1268	10/23/2008 16:01	13.55	52.251	34.37	9.05		3.1	1.881	107.6
1269	10/23/2008 16:16	13.43	52.033	34.2	8.88		3.8	1.948	105.3
1270	10/23/2008 16:31	13.46	52.056	34.22	8.79		4.3	2.004	104.2
1271	10/23/2008 16:46	13.43	52.132	34.28	8.66		4.3	2.071	102.7
1272	10/23/2008 17:01	13.3	52.347	34.43	8.57		3.9	2.133	101.5
1273	10/23/2008 17:16	13.23	52.219	34.33	8.52		3.7	2.19	100.7

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1274	10/23/2008 17:31	13.06	52.227	34.33	8.37		3.3	2.243	98.6
1275	10/23/2008 17:46	12.9	52.331	34.4	8.31		3.5	2.312	97.5
1276	10/23/2008 18:01	12.67	52.314	34.38	8.19		3.4	2.369	95.7
1277	10/23/2008 18:16	12.59	52.402	34.44	8.14		3.4	2.426	95
1278	10/23/2008 18:31	12.55	52.357	34.4	8.1		3.7	2.495	94.4
1279	10/23/2008 18:46	12.45	52.017	34.15	8.09		3.8	2.549	93.9
1280	10/23/2008 19:01	12.32	52.445	34.46	8.04		3.8	2.604	93.3
1281	10/23/2008 19:16	12.15	52.535	34.51	8		6.8	2.665	92.5
1282	10/23/2008 19:31	12.03	52.602	34.56	7.98		4.5	2.72	92.1
1283	10/23/2008 19:46	11.96	52.192	34.25	7.96		7.9	2.764	91.5
1284	10/23/2008 20:01	11.79	52.56	34.51	7.92		2.7	2.808	90.9
1285	10/23/2008 20:16	11.83	52.523	34.49	7.85		3.1	2.836	90.2
1286	10/23/2008 20:31	11.75	52.193	34.24	7.86		3.2	2.865	90
1287	10/23/2008 20:46	11.87	52.417	34.41	7.85		4.3	2.853	90.2
1288	10/23/2008 21:01	11.75	52.481	34.45	7.81		2.9	2.845	89.5
1289	10/23/2008 21:16	11.74	52.3	34.32	7.81		2.5	2.816	89.4
1290	10/23/2008 21:31	11.73	52.444	34.43	7.82		2.9	2.758	89.6
1291	10/23/2008 21:46	12.26	52.326	34.37	7.84		4.9	2.711	90.7
1292	10/23/2008 22:01	12.36	52.384	34.41	7.82		5.2	2.644	90.8
1293	10/23/2008 22:16	12.37	52.097	34.2	7.86		6.5	2.563	91.1
1294	10/23/2008 22:31	12.36	51.945	34.09	7.9		5.8	2.472	91.5
1295	10/23/2008 22:46	12.36	52.391	34.42	7.93		5.6	2.403	92.1
1296	10/23/2008 23:01	12.54	52.146	34.25	8.03		5.2	2.305	93.5
1297	10/23/2008 23:16	12.59	52.148	34.25	8.01		5.4	2.21	93.3
1298	10/23/2008 23:31	12.55	52.55	34.55	7.95		5.6	2.124	92.7
1299	10/23/2008 23:46	12.7	52.123	34.24	8.08		5.3	2.028	94.4
1300	10/24/2008 0:01	12.69	52.379	34.43	8.16		5.4	1.939	95.4
1301	10/24/2008 0:16	12.65	52.41	34.45	8.13		6.6	1.834	95
1302	10/24/2008 0:31	12.79	52.277	34.36	8.21		6	1.727	96.1
1303	10/24/2008 0:46	12.8	52.064	34.2	8.26		6.3	1.64	96.6
1304	10/24/2008 1:01	12.89	52.034	34.18	8.21		6	1.548	96.2
1305	10/24/2008 1:16	13	52.052	34.2	8.31		5.8	1.451	97.6
1306	10/24/2008 1:31	13.16	51.908	34.1	8.39		4.9	1.363	98.8
1307	10/24/2008 1:46	13.27	51.428	33.75	8.46		4.6	1.298	99.7
1308	10/24/2008 2:01	13.31	51.24	33.62	8.53		3.8	1.251	100.4
1309	10/24/2008 2:16	13.48	51.097	33.52	8.76		3.6	1.185	103.5
1310	10/24/2008 2:31	13.55	50.906	33.38	8.87		3.3	1.157	104.8
1311	10/24/2008 2:46	13.62	50.731	33.26	8.92		3.2	1.143	105.5
1312	10/24/2008 3:01	13.67	50.921	33.4	8.97		2.3	1.145	106.3
1313	10/24/2008 3:16	13.67	50.597	33.16	9.17		3	1.168	108.5
1314	10/24/2008 3:31	13.65	50.56	33.13	9.22		2.8	1.183	109
1315	10/24/2008 3:46	13.64	51.082	33.51	9.19		2.9	1.257	108.8
1316	10/24/2008 4:01	13.65	50.928	33.4	9.26		3.1	1.31	109.6
1317	10/24/2008 4:16	13.59	50.898	33.38	9.14		3.8	1.374	108.1
1318	10/24/2008 4:31	13.57	50.855	33.35	8.85		4.9	1.448	104.6
1319	10/24/2008 4:46	13.55	50.448	33.05	8.63		6	1.55	101.8
1320	10/24/2008 5:01	13.49	50.767	33.28	8.7		5.1	1.638	102.7
1321	10/24/2008 5:16	13.38	50.934	33.4	8.61		4.7	1.714	101.5
1322	10/24/2008 5:31	13.3	51.004	33.44	8.55		4.2	1.804	100.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1323	10/24/2008 5:46	13.27	50.682	33.21	8.51		4.4	1.884	100
1324	10/24/2008 6:01	13.18	51.068	33.49	8.45		4.3	1.97	99.2
1325	10/24/2008 6:16	13.04	50.728	33.23	8.28		4.9	2.056	96.8
1326	10/24/2008 6:31	12.97	51.332	33.67	8.17		5.1	2.153	95.6
1327	10/24/2008 6:46	12.91	51.292	33.64	8.17		5.3	2.231	95.4
1328	10/24/2008 7:01	12.74	51.005	33.42	8.1		5.5	2.318	94.1
1329	10/24/2008 7:16	12.56	50.984	33.4	8.03		6.4	2.395	93
1330	10/24/2008 7:31	12.53	50.808	33.27	7.99		6.3	2.477	92.4
1331	10/24/2008 7:46	12.34	51.051	33.44	7.94		6.7	2.556	91.6
1332	10/24/2008 8:01	12.03	50.932	33.34	7.85		7.6	2.626	89.9
1333	10/24/2008 8:16	11.79	51.206	33.52	7.81		7.3	2.713	89.1
1334	10/24/2008 8:31	11.63	50.694	33.14	7.78		7.4	2.781	88.2
1335	10/24/2008 8:46	11.21	51.197	33.49	7.83		6.2	2.834	88.1
1336	10/24/2008 9:01	11.05	50.899	33.26	7.83		5.4	2.903	87.8
1337	10/24/2008 9:16	11.03	50.904	33.26	7.79		4.8	2.956	87.3
1338	10/24/2008 9:31	10.9	51.019	33.34	7.76		4.5	2.994	86.7
1339	10/24/2008 9:46	10.85	50.849	33.21	7.7		4	3.026	86
Mean		12.77	52.48	34.50	7.97	8.05	12.01	2.14	92.59
Minimum		10.36	50.45	33.05	6.93	7.92	2.00	0.50	77.40
Maximum		14.95	53.13	34.92	9.54	8.21	168.90	3.55	113.90
Standard Dev.		0.92	0.45	0.31	0.45	0.06	13.92	0.68	6.20

pH probe fouling or malfunction

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						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	10/24/2008 10:31	10.83	50.824	33.19	8.16	8.04	3.2	3.026	91
1	10/24/2008 10:46	11.07	50.741	33.15	8.18	8.06	3.5	2.961	91.7
2	10/24/2008 11:01	11.71	50.681	33.14	8.38	8.11	4.2	2.88	95.2
3	10/24/2008 11:16	11.76	50.643	33.11	8.44	8.11	5.2	2.812	95.9
4	10/24/2008 11:31	11.67	50.608	33.08	8.46	8.11	5.1	2.725	96
5	10/24/2008 11:46	11.87	50.69	33.15	8.49	8.12	5.5	2.635	96.8
6	10/24/2008 12:01	12.01	50.695	33.16	8.58	8.14	5.9	2.538	98
7	10/24/2008 12:16	12.37	50.639	33.14	8.65	8.15	5.5	2.448	99.6
8	10/24/2008 12:31	12.8	50.625	33.15	8.82	8.19	5.4	2.361	102.5
9	10/24/2008 12:46	12.93	50.633	33.16	8.88	8.2	6.2	2.264	103.5
10	10/24/2008 13:01	12.9	50.626	33.15	8.94	8.19	5.2	2.168	104.2
11	10/24/2008 13:16	12.78	50.649	33.16	9.12	8.19	4.6	2.086	106
12	10/24/2008 13:31	12.72	50.655	33.17	9.26	8.19	4.3	1.991	107.5
13	10/24/2008 13:46	12.75	50.655	33.17	9.42	8.2	4.5	1.895	109.4
14	10/24/2008 14:01	12.84	50.65	33.17	9.56	8.21	4.9	1.81	111.2
15	10/24/2008 14:16	12.97	50.642	33.17	9.69	8.22	4.1	1.733	113
16	10/24/2008 14:31	13.05	50.623	33.16	9.75	8.22	3.7	1.648	113.9
17	10/24/2008 14:46	13.16	50.621	33.16	9.77	8.25	3.5	1.573	114.4
18	10/24/2008 15:01	13.2	50.619	33.16	9.82	8.24	3.4	1.541	115
19	10/24/2008 15:16	13.31	50.593	33.14	9.83	8.25	3.2	1.484	115.4
20	10/24/2008 15:31	13.44	50.603	33.16	10.02	8.27	3.1	1.455	118
21	10/24/2008 15:46	13.38	50.657	33.19	10.06	8.26	2.8	1.467	118.3
22	10/24/2008 16:01	13.43	50.59	33.15	9.9	8.26	2.9	1.47	116.6
23	10/24/2008 16:16	13.62	50.605	33.16	10.03	8.3	2.8	1.501	118.6
24	10/24/2008 16:31	13.66	50.581	33.15	9.84	8.3	3.2	1.534	116.4
25	10/24/2008 16:46	13.67	50.585	33.15	9.94	8.3	2.8	1.599	117.6
26	10/24/2008 17:01	13.59	50.581	33.15	9.84	8.29	3.2	1.687	116.2
27	10/24/2008 17:16	13.62	50.527	33.11	9.66	8.27	4.3	1.749	114.2
28	10/24/2008 17:31	13.68	50.487	33.08	9.58	8.27	4.8	1.822	113.3
29	10/24/2008 17:46	13.41	50.545	33.11	9.44	8.24	4.3	1.906	111
30	10/24/2008 18:01	13.28	50.564	33.12	9.36	8.22	4	1.984	109.9
31	10/24/2008 18:16	13.22	50.588	33.14	9.31	8.22	3.7	2.058	109.1
32	10/24/2008 18:31	13.16	50.551	33.11	9.24	8.21	4	2.127	108.1
33	10/24/2008 18:46	12.9	50.615	33.14	8.98	8.18	3.8	2.202	104.6
34	10/24/2008 19:01	12.79	50.577	33.11	8.85	8.17	3.8	2.28	102.8
35	10/24/2008 19:16	12.67	50.648	33.16	8.75	8.17	4	2.348	101.4
36	10/24/2008 19:31	12.62	47.009	30.52	8.83		4.7	2.414	100.5
37	10/24/2008 19:46	12.44	50.673	33.17	8.61	8.14	4.6	2.484	99.3
38	10/24/2008 20:01	12.22	50.668	33.15	8.52	8.13	4.4	2.55	97.8
39	10/24/2008 20:16	12.07	50.673	33.15	8.46	8.13	4.5	2.615	96.9
40	10/24/2008 20:31	12	50.635	33.12	8.46	8.12	4.4	2.663	96.6
41	10/24/2008 20:46	11.95	50.682	33.15	8.38	8.11	4.5	2.721	95.7
42	10/24/2008 21:01	11.73	48.907	31.85	8.43		4.3	2.782	95
43	10/24/2008 21:16	11.56	50.633	33.09	8.36	8.09	3.7	2.825	94.6
44	10/24/2008 21:31	11.47	50.758	33.18	8.33	8.09	3.9	2.844	94.1
45	10/24/2008 21:46	11.51	50.708	33.15	8.31	8.09	4	2.872	94
46	10/24/2008 22:01	11.52	50.73	33.16	8.29	8.09	3.3	2.889	93.8
47	10/24/2008 22:16	11.54	50.748	33.18	8.23	8.08	3.1	2.872	93.2
48	10/24/2008 22:31	11.38	50.762	33.18	8.22	8.08	3.2	2.838	92.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
49	10/24/2008 22:46	11.72	50.756	33.19	8.27	8.11	3.4	2.779	93.9
50	10/24/2008 23:01	12.04	50.712	33.18	8.29	8.13	4.1	2.722	94.9
51	10/24/2008 23:16	12.21	50.705	33.18	8.31	8.14	4.6	2.659	95.4
52	10/24/2008 23:31	12.33	47.303	30.72	8.48		5.2	2.567	96.1
53	10/24/2008 23:46	12.25	50.662	33.15	8.39	8.13	5.1	2.478	96.4
54	10/25/2008 0:01	12.28	50.696	33.18	8.48	8.15	5	2.396	97.5
55	10/25/2008 0:16	12.33	47.47	30.84	8.55		4.4	2.317	97
56	10/25/2008 0:31	12.43	50.676	33.17	8.6	8.16	4.4	2.217	99.1
57	10/25/2008 0:46	12.53	49.094	32.02	8.78		4.5	2.13	100.8
58	10/25/2008 1:01	12.56	47.814	31.1	8.8		4.2	2.031	100.4
59	10/25/2008 1:16	12.36	50.678	33.17	8.63	8.16	4.8	1.943	99.4
60	10/25/2008 1:31	12.38	50.665	33.16	8.66	8.17	4.5	1.844	99.8
61	10/25/2008 1:46	12.37	49.033	31.97	8.72		4.9	1.75	99.8
62	10/25/2008 2:01	12.38	50.7	33.18	8.68	8.17	5.1	1.673	100
63	10/25/2008 2:16	12.48	50.672	33.17	8.74	8.18	4.3	1.566	100.9
64	10/25/2008 2:31	12.52	50.645	33.15	8.67	8.18	4	1.497	100.2
65	10/25/2008 2:46	12.64	50.667	33.17	8.78	8.2	3.7	1.406	101.7
66	10/25/2008 3:01	12.71	47.636	30.97	8.93		3.7	1.39	102.2
67	10/25/2008 3:16	12.82	50.642	33.16	9.01	8.23	3.1	1.324	104.8
68	10/25/2008 3:31	12.99	50.636	33.16	9.18	8.25	3	1.308	107.1
69	10/25/2008 3:46	13	50.619	33.15	9.14	8.25	2.6	1.326	106.7
70	10/25/2008 4:01	12.99	50.622	33.15	9.23	8.26	2.7	1.319	107.7
71	10/25/2008 4:16	13.08	50.639	33.17	9.5	8.3	2.5	1.345	111
72	10/25/2008 4:31	13.02	47.626	30.98	9.52		2.7	1.415	109.7
73	10/25/2008 4:46	13.08	50.628	33.16	9.48	8.29	3.1	1.452	110.8
74	10/25/2008 5:01	13.03	50.639	33.17	9.4	8.27	3.3	1.528	109.8
75	10/25/2008 5:16	12.97	48.302	31.47	9.38		3.4	1.595	108.3
76	10/25/2008 5:31	12.95	50.522	33.08	8.92	8.24	5.3	1.664	103.9
77	10/25/2008 5:46	12.88	48.096	31.31	8.94		5.4	1.748	102.9
78	10/25/2008 6:01	12.78	50.58	33.11	8.81	8.21	4.8	1.843	102.3
79	10/25/2008 6:16	12.73	48.797	31.81	8.85		4.2	1.928	101.8
80	10/25/2008 6:31	12.72	48.583	31.66	8.82		4.9	2.048	101.4
81	10/25/2008 6:46	12.67	48.388	31.52	8.78		4.6	2.099	100.7
82	10/25/2008 7:01	12.53	49.463	32.29	8.63		4.7	2.169	99.1
83	10/25/2008 7:16	12.5	48.661	31.71	8.62		5.9	2.285	98.6
84	10/25/2008 7:31	12.4	50.674	33.17	8.5		5.9	2.379	98
85	10/25/2008 7:46	12.18	48.494	31.57	8.51		6.5	2.458	96.7
86	10/25/2008 8:01	12.08	49.221	32.09	8.43		7.1	2.579	95.9
87	10/25/2008 8:16	11.94	50.559	33.06	8.34		7.9	2.641	95.1
88	10/25/2008 8:31	11.69	49.347	32.17	8.32		8.2	2.68	93.9
89	10/25/2008 8:46	11.33	50.725	33.15	8.25		10.1	2.76	93
90	10/25/2008 9:01	10.98	50.748	33.15	8.26		8.7	2.894	92.4
91	10/25/2008 9:16	10.83	50.8	33.17	8.26		8.4	2.927	92
92	10/25/2008 9:31	10.54	50.874	33.21	8.29		7.6	3.03	91.9
93	10/25/2008 9:46	10.47	50.876	33.21	8.35		6.5	3.06	92.4
94	10/25/2008 10:01	10.42	50.783	33.14	8.47		6.7	3.151	93.6
95	10/25/2008 10:16	10.38	50.929	33.24	8.48		5.1	3.162	93.7
96	10/25/2008 10:31	10.71	50.713	33.1	8.37		4.6	3.196	93.1
97	10/25/2008 10:46	10.5	50.851	33.19	8.37		4.2	3.156	92.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
98	10/25/2008 11:01	10.33	50.861	33.19	8.46		4.2	3.141	93.3
99	10/25/2008 11:16	10.34	50.841	33.17	8.44		3.7	3.074	93.1
100	10/25/2008 11:31	10.79	50.69	33.09	8.51		4.8	3.037	94.8
101	10/25/2008 11:46	11.33	50.669	33.11	8.64		6.5	2.948	97.3
102	10/25/2008 12:01	11.37	50.638	33.09	8.61		6	2.844	97.1
103	10/25/2008 12:16	11.54	50.63	33.09	8.73		6.6	2.788	98.8
104	10/25/2008 12:31	11.68	50.675	33.13	8.67		7.6	2.679	98.5
105	10/25/2008 12:46	12.04	48.916	31.87	8.84		5.5	2.588	100.3
106	10/25/2008 13:01	12.49	50.673	33.17	9.06		5.2	2.482	104.6
107	10/25/2008 13:16	12.64	50.663	33.17	9.04		5.4	2.394	104.7
108	10/25/2008 13:31	12.72	49.363	32.23	9.25		5.2	2.281	106.6
109	10/25/2008 13:46	12.68	50.427	33	9.24		5.2	2.155	107
110	10/25/2008 14:01	12.65	50.595	33.12	9.41		4	2.074	108.9
111	10/25/2008 14:16	12.64	50.686	33.19	9.63		3.5	1.934	111.6
112	10/25/2008 14:31	12.75	50.691	33.19	9.65		4	1.853	112.1
113	10/25/2008 14:46	12.91	50.677	33.19	9.78		4.5	1.782	113.9
114	10/25/2008 15:01	13.02	49.004	31.98	9.85		5.9	1.669	114.1
115	10/25/2008 15:16	13.2	50.647	33.18	9.91		4.2	1.529	116.1
116	10/25/2008 15:31	13.28	50.648	33.18	9.89		4.9	1.497	116.1
117	10/25/2008 15:46	13.36	48.479	31.61	9.95		3.8	1.403	115.9
118	10/25/2008 16:01	13.42	48.617	31.71	9.95		3.6	1.376	116
119	10/25/2008 16:16	13.5	48.857	31.89	9.95		3.5	1.341	116.4
120	10/25/2008 16:31	13.61	50.593	33.16	10.04		3.5	1.314	118.7
121	10/25/2008 16:46	13.37	48.734	31.79	9.97		4.4	1.273	116.3
122	10/25/2008 17:01	13.47	48.798	31.84	10.03		3.5	1.343	117.3
123	10/25/2008 17:16	13.55	47.868	31.17	10.12		3.1	1.417	118
124	10/25/2008 17:31	13.63	48.728	31.8	10.39		3.2	1.45	121.8
125	10/25/2008 17:46	13.63	49.173	32.12	10.39		3.7	1.505	122.1
126	10/25/2008 18:01	13.53	48.962	31.96	10.17		4.2	1.604	119.1
127	10/25/2008 18:16	13.71	48.959	31.97	9.86		6.8	1.709	115.9
128	10/25/2008 18:31	13.48	49.019	32	9.76		5.7	1.768	114.2
129	10/25/2008 18:46	13.38	49.054	32.03	9.64		5.1	1.819	112.6
130	10/25/2008 19:01	13.3	50.533	33.1	9.53		4.8	1.94	111.8
131	10/25/2008 19:16	13.25	50.606	33.15	9.51		4.1	2.021	111.5
132	10/25/2008 19:31	13.03	49.003	31.98	9.26		3.9	2.104	107.3
133	10/25/2008 19:46	12.92	48.373	31.51	9.03		4.3	2.16	104.1
134	10/25/2008 20:01	12.83	48.934	31.92	8.87		4.9	2.283	102.4
135	10/25/2008 20:16	12.75	50.643	33.16	8.71		5.6	2.329	101.1
136	10/25/2008 20:31	12.51	50.523	33.06	8.61		4.9	2.399	99.4
137	10/25/2008 20:46	12.37	50.58	33.1	8.53		5.2	2.489	98.2
138	10/25/2008 21:01	12.26	50.6	33.11	8.52		5.7	2.541	97.8
139	10/25/2008 21:16	12.17	50.664	33.15	8.48		5.3	2.633	97.3
140	10/25/2008 21:31	11.94	50.635	33.12	8.51		5.7	2.681	97.1
141	10/25/2008 21:46	11.77	50.572	33.06	8.52		5.8	2.756	96.8
142	10/25/2008 22:01	11.48	50.645	33.1	8.57		5.8	2.831	96.8
143	10/25/2008 22:16	11.22	50.734	33.15	8.63		5.6	2.832	97
144	10/25/2008 22:31	11.07	50.78	33.17	8.64		5.4	2.897	96.8
145	10/25/2008 22:46	11.04	50.74	33.14	8.65		5.1	2.924	96.8
146	10/25/2008 23:01	11.41	50.697	33.13	8.55		3.8	2.923	96.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
147	10/25/2008 23:16	11.11	50.731	33.14	8.56		4.5	2.912	96
148	10/25/2008 23:31	11.02	50.763	33.16	8.61		4.3	2.898	96.4
149	10/25/2008 23:46	11.23	50.692	33.12	8.51		3.7	2.841	95.7
150	10/26/2008 0:01	11.89	50.54	33.04	8.37		4.3	2.778	95.4
151	10/26/2008 0:16	12.01	50.592	33.09	8.37		4.6	2.708	95.7
152	10/26/2008 0:31	12	50.661	33.14	8.41		5.4	2.632	96.1
153	10/26/2008 0:46	12.07	50.582	33.08	8.39		4.9	2.542	96
154	10/26/2008 1:01	12.19	50.573	33.08	8.51		5.2	2.453	97.7
155	10/26/2008 1:16	12.3	50.523	33.05	8.5		4.6	2.363	97.7
156	10/26/2008 1:31	12.53	50.594	33.11	8.63		4.6	2.272	99.8
157	10/26/2008 1:46	12.55	50.512	33.05	8.51		4.3	2.189	98.3
158	10/26/2008 2:01	12.56	50.508	33.05	8.56		4.4	2.104	98.9
159	10/26/2008 2:16	12.51	50.49	33.04	8.58		4	2.034	99.1
160	10/26/2008 2:31	12.24	50.562	33.08	8.5		4.2	1.919	97.6
161	10/26/2008 2:46	12.35	50.509	33.04	8.52		4.5	1.831	98
162	10/26/2008 3:01	12.43	50.447	33	8.56		4	1.75	98.7
163	10/26/2008 3:16	12.49	50.497	33.04	8.64		3.8	1.669	99.7
164	10/26/2008 3:31	12.59	50.433	33	8.6		3.6	1.611	99.5
165	10/26/2008 3:46	12.64	50.484	33.04	8.65		3.5	1.557	100.1
166	10/26/2008 4:01	12.86	50.431	33.01	8.82		3.2	1.506	102.5
167	10/26/2008 4:16	12.9	50.49	33.05	8.83		2.9	1.434	102.7
168	10/26/2008 4:31	13.06	50.42	33.01	8.96		2.5	1.461	104.6
169	10/26/2008 4:46	13.12	50.443	33.03	8.96		2	1.439	104.7
170	10/26/2008 5:01	13.14	49.385	32.26	9.13		2.6	1.477	106.3
171	10/26/2008 5:16	13.03	50.449	33.03	8.98		2.8	1.513	104.8
172	10/26/2008 5:31	13.13	50.459	33.04	9.1		2.9	1.599	106.3
173	10/26/2008 5:46	13.07	50.559	33.11	9.02		3.4	1.664	105.4
174	10/26/2008 6:01	13	50.386	32.98	8.78		5.1	1.755	102.3
175	10/26/2008 6:16	13	49.044	32	8.6		5.7	1.84	99.6
176	10/26/2008 6:31	12.87	50.436	33.01	8.55		5.5	1.925	99.4
177	10/26/2008 6:46	12.77	50.406	32.99	8.52		4.8	2.029	98.8
178	10/26/2008 7:01	12.74	49.076	32.02	8.53		4.8	2.098	98.3
179	10/26/2008 7:16	12.69	50.475	33.03	8.46		4.8	2.179	98
180	10/26/2008 7:31	12.48	50.631	33.14	8.39		5	2.269	96.8
181	10/26/2008 7:46	12.44	50.479	33.03	8.37		5.7	2.364	96.5
182	10/26/2008 8:01	12.35	50.582	33.1	8.36		6.7	2.443	96.2
183	10/26/2008 8:16	12.11	49.402	32.23	8.34		7.1	2.537	95
184	10/26/2008 8:31	11.89	50.717	33.17	8.3		8	2.625	94.7
185	10/26/2008 8:46	11.78	50.673	33.14	8.32		8.9	2.724	94.7
186	10/26/2008 9:01	11.49	50.627	33.09	8.38		8.9	2.81	94.7
187	10/26/2008 9:16	11.06	50.766	33.16	8.53		10.5	2.888	95.5
188	10/26/2008 9:31	10.7	50.81	33.17	8.72		9.4	2.988	96.9
189	10/26/2008 9:46	10.52	50.851	33.19	8.84		9.3	3.061	97.9
190	10/26/2008 10:01	10.5	50.851	33.19	8.91		8.1	3.148	98.7
191	10/26/2008 10:16	10.51	50.858	33.2	8.91		7.4	3.202	98.7
192	10/26/2008 10:31	10.39	50.841	33.18	9.03		6.4	3.261	99.7
193	10/26/2008 10:46	10.55	50.741	33.11	8.98		5.2	3.293	99.5
194	10/26/2008 11:01	10.76	50.793	33.17	8.88		4.8	3.311	98.8
195	10/26/2008 11:16	10.54	50.829	33.18	8.94		4.5	3.301	99

sonde #3		Indian Island Long-Term Deployment					Water Quality Data			TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%		
196	10/26/2008 11:31	10.47	50.829	33.17	8.96		4.4	3.272	99.1		
197	10/26/2008 11:46	10.57	50.824	33.18	8.93		4.1	3.233	99		
198	10/26/2008 12:01	10.71	50.826	33.19	9.01		4.8	3.164	100.1		
199	10/26/2008 12:16	11.3	50.718	33.14	9.04		5.4	3.084	101.7		
200	10/26/2008 12:31	11.35	50.708	33.14	9.06		5.6	2.984	102.2		
201	10/26/2008 12:46	11.45	50.708	33.14	8.97		6	2.873	101.3		
202	10/26/2008 13:01	11.82	50.639	33.11	8.9		7.2	2.755	101.3		
203	10/26/2008 13:16	12.09	50.644	33.13	8.96		6.8	2.647	102.6		
204	10/26/2008 13:31	12.39	50.609	33.12	8.88		7.6	2.538	102.3		
205	10/26/2008 13:46	12.8	50.512	33.06	8.96		5.9	2.417	104		
206	10/26/2008 14:01	12.8	50.461	33.03	9		6.2	2.294	104.5		
207	10/26/2008 14:16	12.74	50.559	33.1	9.04		6.3	2.191	104.9		
208	10/26/2008 14:31	12.68	50.637	33.15	9.29		4.5	2.072	107.6		
209	10/26/2008 14:46	12.66	50.641	33.15	9.33		4.6	1.948	108.1		
210	10/26/2008 15:01	12.7	50.564	33.1	9.43		4.5	1.835	109.3		
211	10/26/2008 15:16	12.91	50.545	33.09	9.47		5.3	1.722	110.3		
212	10/26/2008 15:31	13.05	50.472	33.05	9.6		5.1	1.597	112.1		
213	10/26/2008 15:46	13.19	50.523	33.09	9.46		4.5	1.481	110.7		
214	10/26/2008 16:01	13.31	50.512	33.08	9.48		4.5	1.376	111.3		
215	10/26/2008 16:16	13.42	50.458	33.05	9.34		4	1.296	109.9		
216	10/26/2008 16:31	13.53	50.444	33.04	9.42		4	1.207	111		
217	10/26/2008 16:46	13.56	50.574	33.14	9.38		3.6	1.148	110.7		
218	10/26/2008 17:01	13.66	50.418	33.03	9.45		3.8	1.114	111.7		
219	10/26/2008 17:16	13.85	50.531	33.12	9.64		3.6	1.107	114.5		
220	10/26/2008 17:31	13.79	49.136	32.1	9.61		3.7	1.134	113.3		
221	10/26/2008 17:46	13.8	50.409	33.03	9.55		3.5	1.157	113.2		
222	10/26/2008 18:01	13.72	50.46	33.06	9.4		3.7	1.229	111.3		
223	10/26/2008 18:16	13.92	50.458	33.07	9.67		4	1.31	114.9		
224	10/26/2008 18:31	13.84	50.429	33.04	9.48		4.5	1.38	112.4		
225	10/26/2008 18:46	13.87	50.473	33.08	9.09		6.2	1.486	108		
226	10/26/2008 19:01	13.87	50.518	33.11	8.92		7	1.569	105.9		
227	10/26/2008 19:16	13.64	49.204	32.14	8.94		5.7	1.661	105.1		
228	10/26/2008 19:31	13.55	50.406	33.02	8.88		4.9	1.747	104.7		
229	10/26/2008 19:46	13.52	50.421	33.03	8.87		4.5	1.845	104.6		
230	10/26/2008 20:01	13.42	50.608	33.16	8.82		4.4	1.942	103.8		
231	10/26/2008 20:16	13.3	49.284	32.19	8.74		4.5	2.021	102		
232	10/26/2008 20:31	13.22	50.445	33.03			4.8	2.101			
233	10/26/2008 20:46	13.16	50.554	33.11			5.1	2.19			
234	10/26/2008 21:01	13.08	49.284	32.18			5.7	2.279			
235	10/26/2008 21:16	12.83	50.568	33.11			5.7	2.358			
236	10/26/2008 21:31	12.69	50.54	33.08			5.9	2.438			
237	10/26/2008 21:46	12.61	50.507	33.05			6.6	2.514			
238	10/26/2008 22:01	12.47	50.614	33.12			6.5	2.591			
239	10/26/2008 22:16	12.2	50.654	33.14			7.3	2.672			
240	10/26/2008 22:31	11.99	50.681	33.15			7.4	2.743			
241	10/26/2008 22:46	11.77	50.687	33.14			7.3	2.798			
242	10/26/2008 23:01	11.54	50.646	33.1			6.3	2.865			
243	10/26/2008 23:16	11.45	50.739	33.17			6.3	2.908			
244	10/26/2008 23:31	11.41	50.749	33.17			5.1	2.953			

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
245	10/26/2008 23:46	11.67	50.712	33.16			4.7	2.968	
246	10/27/2008 0:01	11.56	50.738	33.17			4.1	2.986	
247	10/27/2008 0:16	11.4	50.754	33.17			4.1	2.956	
248	10/27/2008 0:31	11.38	50.726	33.15			3.8	2.922	
249	10/27/2008 0:46	11.56	50.75	33.18			4.5	2.871	
250	10/27/2008 1:01	11.89	50.683	33.15			4.9	2.796	
251	10/27/2008 1:16	12	50.644	33.13			5.9	2.704	
252	10/27/2008 1:31	11.99	50.679	33.15			5.7	2.606	
253	10/27/2008 1:46	12.13	50.648	33.13			5.1	2.519	
254	10/27/2008 2:01	12.46	50.602	33.12			4.9	2.43	
255	10/27/2008 2:16	12.7	50.529	33.07			4.8	2.339	
256	10/27/2008 2:31	12.83	50.619	33.14			4.8	2.254	
257	10/27/2008 2:46	12.61	50.638	33.15			4.5	2.164	
258	10/27/2008 3:01	12.51	50.642	33.15			4.9	2.091	
259	10/27/2008 3:16	12.55	50.494	33.04			4.5	1.99	
260	10/27/2008 3:31	12.53	50.626	33.14			4.2	1.908	
261	10/27/2008 3:46	12.47	50.639	33.14			4.4	1.833	
262	10/27/2008 4:01	12.53	50.611	33.13			4	1.763	
263	10/27/2008 4:16	12.82	50.555	33.1			3.8	1.708	
264	10/27/2008 4:31	12.84	50.593	33.13			3.4	1.642	
265	10/27/2008 4:46	12.92	50.59	33.13			3.1	1.615	
266	10/27/2008 5:01	13.09	50.567	33.12			2.8	1.61	
267	10/27/2008 5:16	13.27	50.535	33.1			2.1	1.607	
268	10/27/2008 5:31	13.32	50.497	33.07			2.6	1.634	
269	10/27/2008 5:46	13.29	50.542	33.11			2.6	1.672	
270	10/27/2008 6:01	13.33	50.538	33.1			2.9	1.71	
271	10/27/2008 6:16	13.35	50.526	33.1			3.2	1.779	
272	10/27/2008 6:31	13.25	50.578	33.13			4.2	1.869	
273	10/27/2008 6:46	13.26	48.978	31.97			6.2	1.949	
274	10/27/2008 7:01	13.16	50.488	33.06			5.6	2.026	
275	10/27/2008 7:16	13.02	50.539	33.09			5	2.117	
276	10/27/2008 7:31	12.99	50.574	33.12			4.9	2.201	
277	10/27/2008 7:46	12.93	50.497	33.06			4.9	2.292	
278	10/27/2008 8:01	12.66	50.584	33.11			5.7	2.369	
279	10/27/2008 8:16	12.57	50.638	33.15			6.2	2.459	
280	10/27/2008 8:31	12.44	50.627	33.13			6.2	2.552	
281	10/27/2008 8:46	12.22	50.686	33.17			7.4	2.629	
282	10/27/2008 9:01	12.03	50.702	33.17			7.5	2.717	
283	10/27/2008 9:16	11.93	50.706	33.17			9.2	2.805	
284	10/27/2008 9:31	11.75	50.639	33.11			8.9	2.902	
285	10/27/2008 9:46	11.43	50.667	33.11			9.9	2.985	
286	10/27/2008 10:01	11.14	50.785	33.18			9.8	3.08	
287	10/27/2008 10:16	10.85	50.809	33.18			8.6	3.154	
288	10/27/2008 10:31	10.77	50.78	33.16			7.8	3.225	
289	10/27/2008 10:46	10.61	50.83	33.18			6.8	3.292	
290	10/27/2008 11:01	10.6	50.841	33.19			5.1	3.341	
291	10/27/2008 11:16	10.66	50.763	33.14			4.8	3.378	
292	10/27/2008 11:31	10.99	50.763	33.16			3.7	3.386	
293	10/27/2008 11:46	10.8	50.799	33.17			4.3	3.386	

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
294	10/27/2008 12:01	10.61	50.817	33.17			3.3	3.373	
295	10/27/2008 12:16	10.58	50.829	33.18			3.4	3.314	
296	10/27/2008 12:31	10.94	50.811	33.19			4.1	3.242	
297	10/27/2008 12:46	11.27	50.754	33.17			6.2	3.15	
298	10/27/2008 13:01	11.29	50.746	33.16			4.9	3.054	
299	10/27/2008 13:16	11.66	50.71	33.16			5.2	2.931	
300	10/27/2008 13:31	11.91	50.684	33.15			5.5	2.811	
301	10/27/2008 13:46	12.25	50.643	33.14			4.9	2.688	
302	10/27/2008 14:01	12.51	50.646	33.15			5.2	2.577	
303	10/27/2008 14:16	12.81	50.563	33.1			5.4	2.455	
304	10/27/2008 14:31	12.67	50.647	33.16			6.5	2.331	
305	10/27/2008 14:46	12.74	50.638	33.15			6.3	2.2	
306	10/27/2008 15:01	12.6	50.598	33.12			5.7	2.079	
307	10/27/2008 15:16	12.47	50.655	33.15			5.9	1.943	
308	10/27/2008 15:31	12.58	50.631	33.14			6.5	1.805	
309	10/27/2008 15:46	12.7	50.615	33.14			6.5	1.678	
310	10/27/2008 16:01	12.81	50.63	33.15			5.8	1.543	
311	10/27/2008 16:16	12.92	50.617	33.15			5.8	1.41	
312	10/27/2008 16:31	13.03	50.608	33.14			5.1	1.303	
313	10/27/2008 16:46	13.22	50.578	33.13			4.8	1.206	
314	10/27/2008 17:01	13.21	50.564	33.12			4.3	1.108	
315	10/27/2008 17:16	13.29	50.581	33.13			4.3	1.039	
316	10/27/2008 17:31	13.3	50.581	33.13			4	1.014	
317	10/27/2008 17:46	13.43	50.563	33.13			3.4	0.988	
318	10/27/2008 18:01	13.4	50.574	33.13			3.9	0.997	
319	10/27/2008 18:16	13.34	50.585	33.14			4	1.033	
320	10/27/2008 18:31	13.45	50.492	33.08			4	1.092	
321	10/27/2008 18:46	13.61	50.564	33.13			4	1.179	
322	10/27/2008 19:01	13.61	50.521	33.1			4.3	1.24	
323	10/27/2008 19:16	13.53	50.522	33.1			4.9	1.328	
324	10/27/2008 19:31	13.52	50.403	33.01			6.1	1.421	
325	10/27/2008 19:46	13.42	50.477	33.06			5.7	1.504	
326	10/27/2008 20:01	13.3	50.504	33.08			5.4	1.584	
327	10/27/2008 20:16	13.24	50.525	33.09			5.2	1.677	
328	10/27/2008 20:31	13.21	50.524	33.09			5.1	1.781	
329	10/27/2008 20:46	13.21	50.538	33.1			4.5	1.862	
330	10/27/2008 21:01	13.11	50.558	33.11			4.8	1.968	
331	10/27/2008 21:16	13.03	50.606	33.14			5.3	2.06	
332	10/27/2008 21:31	12.97	50.609	33.14			5.6	2.155	
333	10/27/2008 21:46	12.93	50.575	33.12			5.8	2.249	
334	10/27/2008 22:01	12.78	50.632	33.15			6.8	2.335	
335	10/27/2008 22:16	12.65	50.597	33.12			6.7	2.425	
336	10/27/2008 22:31	12.55	50.63	33.14			7.7	2.5	
337	10/27/2008 22:46	12.37	50.634	33.14			7.9	2.583	
338	10/27/2008 23:01	12.17	50.65	33.14			9	2.656	
339	10/27/2008 23:16	11.9	50.684	33.15			8.9	2.725	
340	10/27/2008 23:31	11.58	50.714	33.15			7.8	2.795	
341	10/27/2008 23:46	11.46	50.726	33.16			6.5	2.854	
342	10/28/2008 0:01	11.35	50.725	33.15			6	2.9	

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
343	10/28/2008 0:16	11.3	50.733	33.15			4.9	2.939	
344	10/28/2008 0:31	11.4	50.727	33.15			4.8	2.969	
345	10/28/2008 0:46	11.6	50.711	33.15			4.6	2.968	
346	10/28/2008 1:01	11.35	50.73	33.15			3.7	2.961	
347	10/28/2008 1:16	11.27	50.738	33.16			3.8	2.921	
348	10/28/2008 1:31	11.45	50.713	33.15			4.5	2.857	
349	10/28/2008 1:46	11.9	50.683	33.15			5.1	2.795	
350	10/28/2008 2:01	12.05	50.664	33.14			5.9	2.707	
351	10/28/2008 2:16	12.04	50.64	33.12			5.6	2.622	
352	10/28/2008 2:31	12.06	50.668	33.15			5.4	2.529	
353	10/28/2008 2:46	12.22	50.625	33.12			5.4	2.443	
354	10/28/2008 3:01	12.39	49.262	32.14			4.6	2.356	
355	10/28/2008 3:16	12.5	50.676	33.17			4.7	2.257	
356	10/28/2008 3:31	12.51	50.641	33.15			4.5	2.182	
357	10/28/2008 3:46	12.47	50.648	33.15			4.3	2.103	
358	10/28/2008 4:01	12.34	50.634	33.13			4.2	2.022	
359	10/28/2008 4:16	12.37	50.654	33.15			3.9	1.955	
360	10/28/2008 4:31	12.45	50.647	33.15			3.7	1.878	
361	10/28/2008 4:46	12.52	50.627	33.14			3.7	1.831	
362	10/28/2008 5:01	12.57	50.642	33.15			3.5	1.78	
363	10/28/2008 5:16	12.68	50.641	33.15			3.3	1.736	
364	10/28/2008 5:31	12.76	50.607	33.13			3.2	1.739	
365	10/28/2008 5:46	12.85	50.613	33.14			2.6	1.73	
366	10/28/2008 6:01	12.94	50.572	33.11			2.9	1.745	
367	10/28/2008 6:16	13.01	50.593	33.13			2.9	1.768	
368	10/28/2008 6:31	12.99	50.585	33.13			3	1.834	
369	10/28/2008 6:46	13.02	50.607	33.14			3.6	1.883	
370	10/28/2008 7:01	12.96	50.576	33.12			4.1	1.941	
371	10/28/2008 7:16	12.95	50.586	33.12			5.3	2.031	
372	10/28/2008 7:31	12.91	50.568	33.11			6.3	2.109	
373	10/28/2008 7:46	12.8	50.521	33.07			5.7	2.183	
374	10/28/2008 8:01	12.74	50.596	33.12			5.7	2.264	
375	10/28/2008 8:16	12.7	50.625	33.14			5.4	2.347	
376	10/28/2008 8:31	12.39	50.656	33.15			6.2	2.433	
377	10/28/2008 8:46	12.28	50.665	33.15			6.2	2.513	
378	10/28/2008 9:01	12.19	50.656	33.14			6.5	2.591	
379	10/28/2008 9:16	11.99	50.621	33.11			7.4	2.687	
380	10/28/2008 9:31	11.79	50.689	33.15			8.4	2.763	
381	10/28/2008 9:46	11.63	50.703	33.15			8	2.856	
382	10/28/2008 10:01	11.49	50.705	33.14			8.1	2.942	
383	10/28/2008 10:16	11.37	50.71	33.14			7.9	3.027	
384	10/28/2008 10:31	11.08	50.728	33.14			6.3	3.116	
385	10/28/2008 10:46	11.03	50.72	33.13			7	3.187	
386	10/28/2008 11:01	10.87	50.727	33.12			5	3.264	
387	10/28/2008 11:16	10.81	50.733	33.12			4.4	3.325	
388	10/28/2008 11:31	10.71	50.733	33.12			3.8	3.372	
389	10/28/2008 11:46	10.87	50.911	33.26			3.8	3.414	
390	10/28/2008 12:01	11.11	50.716	33.13			3.6	3.43	
391	10/28/2008 12:16	10.79	50.711	33.11			2.9	3.426	

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
392	10/28/2008 12:31	10.75	50.717	33.11			2.8	3.39	
393	10/28/2008 12:46	11.02	50.702	33.12			2.9	3.342	
394	10/28/2008 13:01	11.04	50.705	33.12			3.8	3.273	
395	10/28/2008 13:16	11.31	50.698	33.13			5	3.168	
396	10/28/2008 13:31	11.46	50.698	33.14			4.9	3.063	
397	10/28/2008 13:46	11.58	50.692	33.14			4.9	2.958	
398	10/28/2008 14:01	11.74	50.685	33.14			7.6	2.83	
399	10/28/2008 14:16	12.03	50.672	33.15			7.4	2.705	
400	10/28/2008 14:31	12.53	50.624	33.14			7.2	2.596	
401	10/28/2008 14:46	12.58	50.656	33.16			8.6	2.471	
402	10/28/2008 15:01	12.47	50.679	33.17			8.5	2.346	
403	10/28/2008 15:16	12.7	50.611	33.13			8.6	2.21	
404	10/28/2008 15:31	12.41	50.647	33.15			7.8	2.083	
405	10/28/2008 15:46	12.34	50.643	33.14			6.3	1.958	
406	10/28/2008 16:01	12.48	50.61	33.12			7.4	1.811	
407	10/28/2008 16:16	12.52	50.629	33.14			7.2	1.671	
408	10/28/2008 16:31	12.65	50.631	33.15			7.2	1.545	
409	10/28/2008 16:46	12.8	50.601	33.13			6.5	1.398	
410	10/28/2008 17:01	12.91	50.594	33.13			5.4	1.253	
411	10/28/2008 17:16	13.07	50.592	33.13			5.3	1.15	
412	10/28/2008 17:31	13.14	50.605	33.15			4.6	1.038	
413	10/28/2008 17:46	13.19	50.6	33.14			6.7	0.959	
414	10/28/2008 18:01	13.22	50.597	33.14			5.1	0.904	
415	10/28/2008 18:16	13.4	50.589	33.14			4.1	0.864	
416	10/28/2008 18:31	13.1	50.518	33.08			5.5	0.872	
417	10/28/2008 18:46	13.59	50.534	33.11			3.5	0.901	
418	10/28/2008 19:01	13.39	50.613	33.16			3.4	0.966	
419	10/28/2008 19:16	13.52	50.57	33.14			3.5	1.027	
420	10/28/2008 19:31	13.57	50.543	33.12			3.6	1.116	
421	10/28/2008 19:46	13.51	50.57	33.14			4.2	1.186	
422	10/28/2008 20:01	13.66	50.364	32.99			6.7	1.269	
423	10/28/2008 20:16	13.62	50.386	33			6.2	1.362	
424	10/28/2008 20:31	13.5	50.484	33.07			5.2	1.425	
425	10/28/2008 20:46	13.37	50.494	33.07			4.9	1.524	
426	10/28/2008 21:01	13.28	50.522	33.09			4.5	1.609	
427	10/28/2008 21:16	13.26	50.522	33.09			4.6	1.708	
428	10/28/2008 21:31	13.14	50.562	33.11			4.5	1.804	
429	10/28/2008 21:46	13.04	50.515	33.08			5.1	1.905	
430	10/28/2008 22:01	12.99	50.481	33.05			5.4	2.012	
431	10/28/2008 22:16	12.94	50.596	33.13			6.5	2.112	
432	10/28/2008 22:31	12.87	50.608	33.14			6.3	2.203	
433	10/28/2008 22:46	12.72	50.605	33.13			6	2.292	
434	10/28/2008 23:01	12.64	50.624	33.14			6.5	2.39	
435	10/28/2008 23:16	12.58	50.625	33.14			7.6	2.468	
436	10/28/2008 23:31	12.4	50.602	33.11			8.6	2.54	
437	10/28/2008 23:46	12.14	50.614	33.11			7.6	2.617	
438	10/29/2008 0:01	11.88	50.639	33.12			8	2.687	
439	10/29/2008 0:16	11.7	50.647	33.11			6.7	2.75	
440	10/29/2008 0:31	11.52	50.673	33.12			5.8	2.805	

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
441	10/29/2008 0:46	11.54	50.656	33.11			5.3	2.848	
442	10/29/2008 1:01	11.36	50.684	33.12			4.9	2.893	
443	10/29/2008 1:16	11.37	50.685	33.12			4.4	2.912	
444	10/29/2008 1:31	11.63	50.657	33.12			3.8	2.915	
445	10/29/2008 1:46	11.41	50.667	33.11			3.1	2.917	
446	10/29/2008 2:01	11.34	50.664	33.11			3.1	2.876	
447	10/29/2008 2:16	11.48	50.656	33.11			3.3	2.829	
448	10/29/2008 2:31	11.76	50.632	33.1			4.8	2.769	
449	10/29/2008 2:46	11.99	50.644	33.12			5.7	2.693	
450	10/29/2008 3:01	12.04	50.622	33.11			5.4	2.608	
451	10/29/2008 3:16	11.99	50.642	33.12			5	2.524	
452	10/29/2008 3:31	12.02	50.641	33.12			4.6	2.436	
453	10/29/2008 3:46	12.26	50.627	33.12			4.6	2.356	
454	10/29/2008 4:01	12.39	50.596	33.11			4.1	2.276	
455	10/29/2008 4:16	12.37	50.637	33.14			4.3	2.2	
456	10/29/2008 4:31	12.51	50.616	33.13			4.1	2.125	
457	10/29/2008 4:46	12.42	50.632	33.14			3.5	2.062	
458	10/29/2008 5:01	12.38	50.609	33.12			3.5	1.987	
459	10/29/2008 5:16	12.33	50.628	33.13			3.5	1.922	
460	10/29/2008 5:31	12.37	50.638	33.14			3.2	1.895	
461	10/29/2008 5:46	12.41	50.647	33.15			3	1.837	
462	10/29/2008 6:01	12.5	50.63	33.14			2.9	1.822	
463	10/29/2008 6:16	12.59	50.63	33.14			2.7	1.802	
464	10/29/2008 6:31	12.56	50.643	33.15			2.5	1.817	
465	10/29/2008 6:46	12.59	50.615	33.13			2.9	1.838	
466	10/29/2008 7:01	12.68	50.603	33.13			2.9	1.864	
467	10/29/2008 7:16	12.78	50.612	33.14			3.1	1.92	
468	10/29/2008 7:31	12.7	50.557	33.09			4.1	1.991	
469	10/29/2008 7:46	12.67	50.552	33.09			5.5	2.061	
470	10/29/2008 8:01	12.63	50.595	33.12			6.3	2.124	
471	10/29/2008 8:16	12.51	50.629	33.14			5.1	2.214	
472	10/29/2008 8:31	12.48	50.628	33.14			5.2	2.284	
473	10/29/2008 8:46	12.44	50.631	33.14			5.1	2.35	
474	10/29/2008 9:01	12.13	50.645	33.13			5.6	2.438	
475	10/29/2008 9:16	12	50.651	33.13			5	2.51	
476	10/29/2008 9:31	11.95	50.656	33.13			5.6	2.593	
477	10/29/2008 9:46	11.73	50.682	33.14			6.1	2.678	
478	10/29/2008 10:01	11.54	50.681	33.13			6.8	2.757	
479	10/29/2008 10:16	11.38	50.705	33.14			6.3	2.846	
480	10/29/2008 10:31	11.31	50.703	33.13			6.5	2.931	
481	10/29/2008 10:46	11.13	50.731	33.14			7	3.018	
482	10/29/2008 11:01	10.86	50.753	33.14			6.7	3.095	
483	10/29/2008 11:16	10.65	50.786	33.15			5.1	3.172	
484	10/29/2008 11:31	10.58	50.781	33.15			4.5	3.243	
485	10/29/2008 11:46	10.5	50.786	33.14			3.9	3.301	
486	10/29/2008 12:01	10.8	50.658	33.07			3.6	3.343	
487	10/29/2008 12:16	10.51	50.767	33.13			3.2	3.376	
488	10/29/2008 12:31	10.79	50.739	33.13			2.9	3.401	
489	10/29/2008 12:46	10.52	50.809	33.16			2.4	3.383	

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
490	10/29/2008 13:01	10.46	50.807	33.16			2.4	3.343	
491	10/29/2008 13:16	10.45	50.831	33.17			2.1	3.296	
492	10/29/2008 13:31	10.79	50.771	33.15			3.1	3.217	
493	10/29/2008 13:46	10.99	50.754	33.15			5	3.115	
494	10/29/2008 14:01	11.21	50.73	33.15			5.3	3.016	
495	10/29/2008 14:16	11.35	50.716	33.14			6.6	2.901	
496	10/29/2008 14:31	11.57	50.685	33.13			6.7	2.788	
497	10/29/2008 14:46	11.93	50.655	33.13			7.4	2.662	
498	10/29/2008 15:01	12.33	50.647	33.14			6.2	2.55	
499	10/29/2008 15:16	12.48	50.636	33.14			6.7	2.438	
500	10/29/2008 15:31	12.51	50.63	33.14			6.2	2.312	
501	10/29/2008 15:46	12.73	50.623	33.14			6	2.19	
502	10/29/2008 16:01	12.42	50.641	33.14			6.9	2.066	
503	10/29/2008 16:16	12.27	50.651	33.14			5.5	1.929	
504	10/29/2008 16:31	12.27	50.64	33.14			6.5	1.796	
505	10/29/2008 16:46	12.32	50.652	33.15			5.7	1.642	
506	10/29/2008 17:01	12.48	50.638	33.14			7.1	1.521	
507	10/29/2008 17:16	12.53	50.635	33.14			6.6	1.386	
508	10/29/2008 17:31	12.64	50.621	33.14			5.2	1.245	
509	10/29/2008 17:46	12.72	50.628	33.15			4.6	1.119	
510	10/29/2008 18:01	12.88	50.612	33.14			4	1.029	
511	10/29/2008 18:16	13.01	50.624	33.16			3.9	0.946	
512	10/29/2008 18:31	13.01	50.612	33.15			5	0.861	
513	10/29/2008 18:46	13.12	50.618	33.16			4.1	0.826	
514	10/29/2008 19:01	13.12	50.613	33.15			3.2	0.814	
515	10/29/2008 19:16	13.07	50.586	33.13			4	0.829	
516	10/29/2008 19:31	13.29	50.633	33.17			2.9	0.866	
517	10/29/2008 19:46	13.3	50.591	33.14			3.1	0.922	
518	10/29/2008 20:01	13.37	50.612	33.16			2.9	1.014	
519	10/29/2008 20:16	13.33	50.601	33.15			3.3	1.081	
520	10/29/2008 20:31	13.28	50.537	33.1			4.3	1.168	
521	10/29/2008 20:46	13.31	50.448	33.04			6	1.251	
522	10/29/2008 21:01	13.28	50.468	33.05			5.7	1.34	
523	10/29/2008 21:16	13.14	50.517	33.08			5.1	1.425	
524	10/29/2008 21:31	13.07	50.538	33.1			4.8	1.498	
525	10/29/2008 21:46	13.05	50.552	33.1			4.3	1.605	
526	10/29/2008 22:01	13.06	50.545	33.1			4.3	1.706	
527	10/29/2008 22:16	12.96	50.581	33.12			4.4	1.799	
528	10/29/2008 22:31	12.88	50.589	33.12			4.8	1.897	
529	10/29/2008 22:46	12.87	50.598	33.13			5.2	2.005	
530	10/29/2008 23:01	12.82	50.609	33.14			6.1	2.097	
531	10/29/2008 23:16	12.68	50.607	33.13			6	2.182	
532	10/29/2008 23:31	12.6	50.616	33.13			6.4	2.276	
533	10/29/2008 23:46	12.52	50.595	33.11			5.9	2.359	
534	10/30/2008 0:01	12.42	50.591	33.11			6.7	2.443	
535	10/30/2008 0:16	12.13	50.613	33.11			6.7	2.514	
536	10/30/2008 0:31	11.96	50.636	33.12			7	2.584	
537	10/30/2008 0:46	11.7	50.65	33.11			6.1	2.664	
538	10/30/2008 1:01	11.49	50.694	33.14			5.5	2.725	

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
539	10/30/2008 1:16	11.38	50.705	33.14			5.2	2.781	
540	10/30/2008 1:31	11.31	50.707	33.13			5.7	2.829	
541	10/30/2008 1:46	11.28	50.719	33.14			4.3	2.874	
542	10/30/2008 2:01	11.25	50.676	33.11			4.3	2.904	
543	10/30/2008 2:16	11.49	50.665	33.11			3.6	2.897	
544	10/30/2008 2:31	11.29	50.709	33.14			3.4	2.884	
545	10/30/2008 2:46	11.2	50.722	33.14			3.1	2.867	
546	10/30/2008 3:01	11.48	50.671	33.12			3.5	2.81	
547	10/30/2008 3:16	11.71	50.665	33.13			4.5	2.744	
548	10/30/2008 3:31	11.81	50.666	33.13			5.1	2.66	
549	10/30/2008 3:46	11.76	50.677	33.14			4.8	2.586	
550	10/30/2008 4:01	11.65	50.694	33.14			4.2	2.503	
551	10/30/2008 4:16	11.75	50.682	33.14			4.3	2.418	
552	10/30/2008 4:31	12.1	50.644	33.13			3.7	2.354	
553	10/30/2008 4:46	11.99	50.637	33.12			3.5	2.279	
554	10/30/2008 5:01	12.12	50.663	33.14			3.5	2.215	
555	10/30/2008 5:16	12.38	50.654	33.15			3.2	2.166	
556	10/30/2008 5:31	12.4	50.651	33.15			3.1	2.099	
557	10/30/2008 5:46	12.29	50.651	33.14			3.1	2.06	
558	10/30/2008 6:01	12.21	50.649	33.14			2.9	2.016	
559	10/30/2008 6:16	12.24	50.65	33.14			2.7	1.983	
560	10/30/2008 6:31	12.29	50.647	33.14			2.7	1.962	
561	10/30/2008 6:46	12.39	50.634	33.14			2.3	1.951	
562	10/30/2008 7:01	12.34	50.688	33.17			2.6	1.959	
563	10/30/2008 7:16	12.43	50.601	33.11			3.1	1.968	
564	10/30/2008 7:31	12.36	50.641	33.14			3	1.999	
565	10/30/2008 7:46	12.47	50.626	33.13			3.1	2.049	
566	10/30/2008 8:01	12.43	50.627	33.13			3.8	2.092	
567	10/30/2008 8:16	12.42	50.607	33.12			4.5	2.147	
568	10/30/2008 8:31	12.37	50.627	33.13			5.1	2.225	
569	10/30/2008 8:46	12.24	50.638	33.13			5.6	2.301	
570	10/30/2008 9:01	12.12	50.645	33.13			5	2.362	
571	10/30/2008 9:16	12.06	50.635	33.12			4.8	2.436	
572	10/30/2008 9:31	11.76	50.661	33.13			4.5	2.508	
573	10/30/2008 9:46	11.62	50.684	33.14			4.9	2.595	
574	10/30/2008 10:01	11.51	50.701	33.14			4.8	2.658	
575	10/30/2008 10:16	11.36	50.72	33.15			4.9	2.744	
576	10/30/2008 10:31	11.14	50.72	33.13			4.9	2.828	
577	10/30/2008 10:46	10.99	50.755	33.15			5.2	2.901	
578	10/30/2008 11:01	10.84	50.762	33.15			5.1	2.986	
579	10/30/2008 11:16	10.72	50.757	33.14			4.8	3.072	
580	10/30/2008 11:31	10.62	50.785	33.15			4	3.151	
581	10/30/2008 11:46	10.52	50.783	33.14			3.7	3.188	
582	10/30/2008 12:01	10.45	50.785	33.14			3.4	3.252	
583	10/30/2008 12:16	10.39	50.786	33.14			2.4	3.298	
584	10/30/2008 12:31	10.36	50.802	33.15			2.5	3.35	
585	10/30/2008 12:46	10.35	50.804	33.15			2	3.364	
586	10/30/2008 13:01	10.38	50.782	33.13			2	3.378	
587	10/30/2008 13:16	10.44	50.779	33.13			1.8	3.386	

sonde #3	Indian Island Long-Term Deployment Water Quality Data						TP #3		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
588	10/30/2008 13:31	10.36	50.789	33.14			1.9	3.315	
589	10/30/2008 13:46	10.61	50.769	33.14			2.1	3.279	
590	10/30/2008 14:01	10.76	50.771	33.15			2.6	3.201	
591	10/30/2008 14:16	11.17	50.726	33.14			3.7	3.135	
592	10/30/2008 14:31	11.18	50.733	33.15			4.1	3.012	
593	10/30/2008 14:46	11.35	50.729	33.15			4	2.921	
594	10/30/2008 15:01	11.31	50.71	33.14			4.5	2.823	
595	10/30/2008 15:16	11.48	50.711	33.15			13.4	2.697	
596	10/30/2008 15:31	11.81	50.684	33.14			4.6	2.588	
597	10/30/2008 15:46	12.04	50.65	33.13			30.9	2.495	
598	10/30/2008 16:01	12.07	50.671	33.15			5.8	2.347	
599	10/30/2008 16:16	12.28	50.658	33.15			4.8	2.232	
600	10/30/2008 16:31	12.26	50.66	33.15			5.2	2.102	
601	10/30/2008 16:46	11.91	50.691	33.15			8.1	1.983	
602	10/30/2008 17:01	11.91	50.675	33.14			4.6	1.829	
603	10/30/2008 17:16	11.97	50.669	33.14			8.2	1.698	
604	10/30/2008 17:31	12.05	50.657	33.14			5.9	1.597	
605	10/30/2008 17:46	12.14	50.677	33.16			5.6	1.425	
606	10/30/2008 18:01	12.38	50.652	33.15			5.1	1.303	
607	10/30/2008 18:16	12.44	50.627	33.13			4.8	1.192	
608	10/30/2008 18:31	12.5	50.641	33.15			4.5	1.095	
609	10/30/2008 18:46	12.55	50.629	33.14			4.5	0.989	
610	10/30/2008 19:01	12.61	50.631	33.14			3.7	0.919	
611	10/30/2008 19:16	12.67	50.621	33.14			4.4	0.884	
612	10/30/2008 19:31	12.66	50.618	33.14			4	0.845	
613	10/30/2008 19:46	12.62	50.624	33.14			4.2	0.866	
614	10/30/2008 20:01	12.69	50.622	33.14			5	0.899	
615	10/30/2008 20:16	12.74	50.614	33.14			6.8	0.927	
616	10/30/2008 20:31	12.8	50.623	33.15			5.6	0.992	
617	10/30/2008 20:46	12.82	50.631	33.15			3.8	1.075	
618	10/30/2008 21:01	12.78	50.625	33.15			4.2	1.13	
619	10/30/2008 21:16	12.74	50.531	33.08			5.4	1.216	
620	10/30/2008 21:31	12.73	50.513	33.06			5.7	1.286	
621	10/30/2008 21:46	12.68	50.539	33.08			4.8	1.403	
622	10/30/2008 22:01	12.63	50.532	33.07			5.6	1.459	
623	10/30/2008 22:16	12.61	50.547	33.08			4.8	1.56	
624	10/30/2008 22:31	12.59	50.561	33.09			4.9	1.676	
625	10/30/2008 22:46	12.59	50.579	33.1			5.7	1.753	
626	10/30/2008 23:01	12.57	50.587	33.11			5.6	1.85	
627	10/30/2008 23:16	12.48	50.609	33.12			5.9	1.952	
628	10/30/2008 23:31	12.43	50.616	33.12			7.1	2.042	
629	10/30/2008 23:46	12.4	50.639	33.14			6.7	2.126	
630	10/31/2008 0:01	12.25	50.644	33.14			7.1	2.229	
631	10/31/2008 0:16	12.22	50.63	33.13			7	2.3	
632	10/31/2008 0:31	12.12	50.61	33.11			6.8	2.384	
633	10/31/2008 0:46	11.98	50.631	33.11			6.9	2.458	
634	10/31/2008 1:01	11.72	50.667	33.13			5.7	2.535	
635	10/31/2008 1:16	11.59	50.679	33.13			6.4	2.607	
636	10/31/2008 1:31	11.38	50.711	33.14			5.7	2.674	

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
637	10/31/2008 1:46	11.24	50.723	33.14			5.4	2.743	
638	10/31/2008 2:01	11.12	50.734	33.14			4.8	2.805	
639	10/31/2008 2:16	11.17	50.705	33.13			4.3	2.85	
640	10/31/2008 2:31	11.07	50.744	33.15			4.1	2.885	
641	10/31/2008 2:46	11.45	50.651	33.1			3.6	2.909	
642	10/31/2008 3:01	11.3	50.68	33.11			3.4	2.913	
643	10/31/2008 3:16	11.2	50.706	33.13			3.2	2.888	
644	10/31/2008 3:31	11.14	50.715	33.13			2.9	2.851	
645	10/31/2008 3:46	11.43	50.682	33.12			3.5	2.804	
646	10/31/2008 4:01	11.73	50.659	33.12			4.6	2.728	
647	10/31/2008 4:16	11.86	50.634	33.11			5	2.673	
648	10/31/2008 4:31	11.7	50.66	33.12			4.8	2.595	
649	10/31/2008 4:46	11.85	50.65	33.12			4.5	2.51	
650	10/31/2008 5:01	11.88	50.641	33.12			4.3	2.446	
651	10/31/2008 5:16	11.93	50.645	33.12			4.1	2.383	
652	10/31/2008 5:31	12.12	50.632	33.12			4	2.331	
653	10/31/2008 5:46	12.19	50.625	33.12			4.3	2.269	
654	10/31/2008 6:01	12.23	50.631	33.13			4	2.234	
655	10/31/2008 6:16	12.26	50.633	33.13			4.1	2.186	
656	10/31/2008 6:31	12.26	50.623	33.12			4	2.155	
657	10/31/2008 6:46	12.27	50.626	33.12			3.9	2.122	
658	10/31/2008 7:01	12.28	50.625	33.12			3.8	2.112	
659	10/31/2008 7:16	12.3	50.626	33.13			3.3	2.089	
660	10/31/2008 7:31	12.31	50.612	33.12			2.7	2.09	
661	10/31/2008 7:46	12.3	50.616	33.12			3.5	2.1	
662	10/31/2008 8:01	12.28	50.619	33.12			3.7	2.12	
663	10/31/2008 8:16	12.25	50.627	33.12			3.8	2.154	
664	10/31/2008 8:31	12.23	50.626	33.12			4	2.198	
665	10/31/2008 8:46	12.2	50.63	33.12			4.8	2.254	
666	10/31/2008 9:01	12.12	50.629	33.12			5.1	2.294	
667	10/31/2008 9:16	12.03	50.634	33.12			5.5	2.371	
668	10/31/2008 9:31	11.89	50.64	33.12			5.9	2.437	
669	10/31/2008 9:46	11.82	50.647	33.12			5.4	2.495	
670	10/31/2008 10:01	11.71	50.661	33.12			5.2	2.576	
671	10/31/2008 10:16	11.5	50.688	33.13			5.1	2.642	
672	10/31/2008 10:31	11.43	50.694	33.13			4.6	2.713	
673	10/31/2008 10:46	11.43	50.691	33.13			4.6	2.79	
674	10/31/2008 11:01	11.31	50.709	33.14			4.5	2.867	
675	10/31/2008 11:16	11.24	50.715	33.14			4.6	2.931	
676	10/31/2008 11:31	11.05	50.713	33.12			3.9	3.018	
677	10/31/2008 11:46	10.99	50.728	33.13			3.9	3.084	
678	10/31/2008 12:01	10.87	50.703	33.11			3.7	3.143	
679	10/31/2008 12:16	10.84	50.731	33.12			3.2	3.205	
680	10/31/2008 12:31	10.75	50.742	33.13			3.2	3.258	
681	10/31/2008 12:46	10.74	50.731	33.12			2.7	3.302	
Mean		12.24	50.51	33.03	8.95	8.19	4.95	2.24	103.07
Minimum		10.33	47.01	30.52	8.16	8.04	1.80	0.81	91.00
Maximum		13.92	50.93	33.26	10.39	8.30	30.90	3.43	122.10
Standard Dev.		0.85	0.52	0.36	0.53	0.07	1.82	0.65	7.51

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

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

pH probe fouling or malfunction
DO membrane compromised

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						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
0	10/31/2008 13:16	10.87	51.881	33.96	8.66	7.75	3	3.316	97.2
1	10/31/2008 13:31	10.97	51.661	33.81	8.65	7.79	3.2	3.324	97.1
2	10/31/2008 13:46	10.96	51.307	33.55	8.64	7.8	3	3.316	96.8
3	10/31/2008 14:01	10.88	51.58	33.75	8.58	7.8	2.8	3.278	96.1
4	10/31/2008 14:16	10.95	52.122	34.14	8.61	7.81	2.7	3.235	96.9
5	10/31/2008 14:31	10.97	51.618	33.78	8.68	7.82	2.9	3.17	97.5
6	10/31/2008 14:46	11.43	52.138	34.18	9.02	7.86	3.7	3.099	102.5
7	10/31/2008 15:01	11.79	51.631	33.83	9.17	7.87	4.2	3.014	104.8
8	10/31/2008 15:16	11.75	51.915	34.04	8.94	7.87	4	2.917	102.2
9	10/31/2008 15:31	11.46	51.819	33.95	8.89	7.85	4.8	2.806	100.9
10	10/31/2008 15:46	11.55	51.62	33.81	8.97	7.86	4.7	2.709	102
11	10/31/2008 16:01	11.84	51.828	33.98	9.09	7.88	4.9	2.605	104
12	10/31/2008 16:16	12.12	51.47	33.73	9.17	7.9	5.4	2.485	105.5
13	10/31/2008 16:31	12.34	52.081	34.19	9.27	7.93	7.7	2.364	107.3
14	10/31/2008 16:46	12.54	51.932	34.09	9.3	7.94	8.8	2.269	108.1
15	10/31/2008 17:01	12.63	51.745	33.96	9.34	7.94	9.7	2.158	108.7
16	10/31/2008 17:16	12.6	51.351	33.67	9.35	7.93	10.4	2.015	108.6
17	10/31/2008 17:31	12.83	51.691	33.93	9.33	7.95	10.7	1.885	109
18	10/31/2008 17:46	12.62	51.743	33.96	9.25	7.93	12.8	1.777	107.6
19	10/31/2008 18:01	12.68	51.439	33.74	9.25	7.94	13.2	1.638	107.6
20	10/31/2008 18:16	12.8	52.003	34.15	9.18	7.94	12.7	1.512	107.3
21	10/31/2008 18:31	12.84	51.611	33.87	9.18	7.94	11.8	1.4	107.2
22	10/31/2008 18:46	12.85	51.721	33.95	9.16	7.94	10.9	1.268	107.1
23	10/31/2008 19:01	12.89	51.962	34.13	9.12	7.94	10.8	1.186	106.9
24	10/31/2008 19:16	13.03	52.763	34.72	9.12	7.95	20.6	1.068	107.6
25	10/31/2008 19:31	13.14	52.2	34.31	9.18	7.71	19.7	0.998	108.2
26	10/31/2008 19:46	13.25	51.988	34.16	9.23	7.96	15.9	0.951	109
27	10/31/2008 20:01	13.35	52.066	34.22	9.17	7.97	12.3	0.887	108.5
28	10/31/2008 20:16	13.4	51.648	33.92	9.17	7.96	11.4	0.907	108.3
29	10/31/2008 20:31	13.38	52.086	34.24	9.11	7.97	11.4	0.908	107.8
30	10/31/2008 20:46	13.38	51.916	34.12	9.18	7.97	7.4	0.929	108.7
31	10/31/2008 21:01	13.34	51.813	34.04	9.2	7.96	7.8	0.992	108.7
32	10/31/2008 21:16	13.34	52.025	34.19	9.24	7.97	7.3	1.052	109.3
33	10/31/2008 21:31	13.29	51.335	33.69	9.29	7.96	8.2	1.129	109.4
34	10/31/2008 21:46	13.39	50.274	32.91	9.24	7.95	8.5	1.215	108.6
35	10/31/2008 22:01	13.42	52.076	34.23	9.14		9	1.303	108.3
36	10/31/2008 22:16	13.3	51.79	34.02	9.18		8.1	1.383	108.4
37	10/31/2008 22:31	13.28	52.016	34.19	9.13		8	1.469	107.9
38	10/31/2008 22:46	13.23	51.557	33.85	9.14	7.94	7.7	1.556	107.6
39	10/31/2008 23:01	13.19	51.875	34.08	9.12	7.94	7.4	1.642	107.4
40	10/31/2008 23:16	13.13	51.608	33.88	9.15	7.94	6.7	1.721	107.6
41	10/31/2008 23:31	12.97	51.91	34.09	9.06	7.93	6.8	1.811	106.3
42	10/31/2008 23:46	12.97	52.219	34.32	8.98	7.92	8	1.901	105.4
43	11/1/2008 0:01	12.99	51.739	33.97	8.93	7.92	8.9	1.979	104.7
44	11/1/2008 0:16	13	51.872	34.07	8.88	7.91	9.7	2.06	104.2
45	11/1/2008 0:31	12.89	51.863	34.06	8.87	7.91	9.5	2.157	103.9
46	11/1/2008 0:46	12.79	51.81	34.01	8.85	7.9	9.3	2.228	103.3
47	11/1/2008 1:01	12.68	52.118	34.23	8.82	7.9	9.1	2.312	103
48	11/1/2008 1:16	12.51	52.034	34.16	8.82	7.89	9	2.393	102.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
49	11/1/2008 1:31	12.39	51.689	33.91	8.81	7.88	9.2	2.462	102
50	11/1/2008 1:46	12.2	51.799	33.98	8.78	7.87	8.4	2.524	101.2
51	11/1/2008 2:01	12.06	51.835	34	8.76	7.87	7.9	2.594	100.8
52	11/1/2008 2:16	11.79	51.998	34.1	8.79	7.85	7	2.665	100.6
53	11/1/2008 2:31	11.64	52.066	34.14	8.77	7.84	6.6	2.724	100.1
54	11/1/2008 2:46	11.64	52.783	34.67	8.71	7.9	6.2	2.767	99.8
55	11/1/2008 3:01	11.77	52.763	34.66	8.64	7.84	5.6	2.812	99.2
56	11/1/2008 3:16	11.58	51.893	34.01	8.7	7.84	10.9	2.837	99.1
57	11/1/2008 3:31	11.91	51.996	34.11	8.64	7.85	4.9	2.831	99.1
58	11/1/2008 3:46	11.82	52.154	34.22	8.55	7.84	4	2.851	98
59	11/1/2008 4:01	11.64	51.891	34.02	8.65	7.84	4.2	2.821	98.6
60	11/1/2008 4:16	11.65	51.937	34.05	8.61	7.84	3.8	2.801	98.2
61	11/1/2008 4:31	11.78	52.142	34.21	8.58	7.84	4.3	2.744	98.2
62	11/1/2008 4:46	12.02	51.933	34.07	8.54	7.85	4.5	2.712	98.2
63	11/1/2008 5:01	12.36	52.048	34.17	8.43	7.86	5	2.661	97.7
64	11/1/2008 5:16	12.49	51.95	34.1	8.41	7.86	5.5	2.576	97.6
65	11/1/2008 5:31	12.49	51.917	34.08	8.49	7.86	5.5	2.535	98.6
66	11/1/2008 5:46	12.55	51.906	34.07	8.48	7.87	5.6	2.486	98.6
67	11/1/2008 6:01	12.65	52.071	34.2	8.43	7.87	5.9	2.433	98.3
68	11/1/2008 6:16	12.59	52.034	34.17	8.5	7.87	5.1	2.366	99
69	11/1/2008 6:31	12.67	51.562	33.83	8.47	7.87	5.4	2.31	98.6
70	11/1/2008 6:46	12.78	52.116	34.24	8.34	7.87	5.2	2.298	97.5
71	11/1/2008 7:01	12.79	52.075	34.21	8.38	7.87	4.5	2.26	98
72	11/1/2008 7:16	12.83	51.861	34.05	8.41	7.87	4.3	2.231	98.3
73	11/1/2008 7:31	12.86	52.239	34.33	8.38	7.87	4.3	2.203	98.2
74	11/1/2008 7:46	12.86	51.984	34.14	8.38	7.87	3.8	2.213	98.1
75	11/1/2008 8:01	12.87	52.159	34.27	8.34	7.87	4.9	2.223	97.8
76	11/1/2008 8:16	12.82	51.387	33.7	8.3	7.86	5.8	2.21	96.8
77	11/1/2008 8:31	12.82	51.528	33.81	8.35	7.86	4.9	2.234	97.4
78	11/1/2008 8:46	12.78	51.888	34.07	8.31	7.86	4.9	2.233	97.1
79	11/1/2008 9:01	12.72	51.955	34.12	8.29	7.86	5.1	2.292	96.7
80	11/1/2008 9:16	12.62	51.752	33.96	8.33	7.86	6	2.335	96.9
81	11/1/2008 9:31	12.52	51.671	33.9	8.32	7.85	5.9	2.355	96.6
82	11/1/2008 9:46	12.37	52.193	34.27	8.39		6.2	2.419	97.3
83	11/1/2008 10:01	12.35	51.224	33.56	8.41	7.85	5.4	2.475	97.1
84	11/1/2008 10:16	12.29	51.845	34.02	8.38	7.85	4.8	2.532	96.8
85	11/1/2008 10:31	12.04	51.633	33.85	8.44	7.84	5.8	2.593	96.9
86	11/1/2008 10:46	11.92	51.57	33.8	8.5	7.84	4.3	2.648	97.3
87	11/1/2008 11:01	11.88	51.901	34.04	8.52	7.84	4.6	2.734	97.6
88	11/1/2008 11:16	11.83	51.614	33.82	8.52	7.84	4.6	2.784	97.5
89	11/1/2008 11:31	11.78	52.026	34.12	8.54	7.84	4.7	2.845	97.7
90	11/1/2008 11:46	11.64	51.777	33.93	8.6	7.83	4.2	2.921	98
91	11/1/2008 12:01	11.52	52.051	34.13	8.6	7.83	3.9	2.976	97.9
92	11/1/2008 12:16	11.44	52.261	34.28	8.62	7.83	4	3.043	98
93	11/1/2008 12:31	11.3	51.969	34.05	8.63	7.82	3.6	3.106	97.7
94	11/1/2008 12:46	11.23	52.065	34.12	8.64	7.82	3.4	3.161	97.7
95	11/1/2008 13:01	11.28	52.164	34.2	8.62	7.81	3.3	3.202	97.6
96	11/1/2008 13:16	11.4	51.772	33.92	8.67	7.81	3.4	3.25	98.3
97	11/1/2008 13:31	11.27	51.884	33.99	8.67	7.81	2.9	3.281	98.1

sonde #1	Indian Island Long-Term Deployment						Water Quality Data		TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
98	11/1/2008 13:46	11.27	51.229	33.51	8.63	7.87	2.9	3.286	97.3
99	11/1/2008 14:01	11.46	51.879	34	8.55	7.82	2.9	3.3	97.2
100	11/1/2008 14:16	11.31	51.979	34.06	8.55	7.8	3.1	3.307	96.9
101	11/1/2008 14:31	11.26	52.007	34.08	8.55	7.8	2.8	3.266	96.8
102	11/1/2008 14:46	11.26	52.178	34.2	8.54	7.8	2.5	3.236	96.8
103	11/1/2008 15:01	11.44	52.141	34.19	8.63	7.81	2.6	3.182	98.1
104	11/1/2008 15:16	12.42	52.143	34.24	9.16	7.9	4.3	3.104	106.3
105	11/1/2008 15:31	12.42	51.666	33.89	9.04	7.9	4.3	3.037	104.7
106	11/1/2008 15:46	12.31	52.087	34.19	8.92	7.86	4.3	2.954	103.3
107	11/1/2008 16:01	12.19	52.129	34.22	8.89	7.87	4.4	2.846	102.7
108	11/1/2008 16:16	12.39	51.997	34.13	8.93	7.86	4.3	2.752	103.5
109	11/1/2008 16:31	12.35	51.864	34.03	8.87	7.94	4.6	2.657	102.7
110	11/1/2008 16:46	12.38	52.556	34.54	8.89	7.88	4.2	2.554	103.3
111	11/1/2008 17:01	12.65	51.078	33.47	9	7.95	4.7	2.45	104.4
112	11/1/2008 17:16	12.86	50.931	33.37	8.98	7.97	5.8	2.341	104.7
113	11/1/2008 17:31	12.8	52.026	34.17	8.95	7.88	5.7	2.235	104.7
114	11/1/2008 17:46	12.9	51.015	33.44	8.96	7.97	6.1	2.124	104.5
115	11/1/2008 18:01	12.91	51.851	34.05	8.88	7.97	5.9	2.003	104
116	11/1/2008 18:16	12.74	51.865	34.05	8.87	7.88	5.9	1.899	103.5
117	11/1/2008 18:31	12.73	51.969	34.13	8.82	7.9	6.7	1.789	103
118	11/1/2008 18:46	12.57	51.09	33.48	8.77	7.94	5.2	1.669	101.6
119	11/1/2008 19:01	12.84	51.902	34.08	8.69	7.87	6.5	1.566	101.6
120	11/1/2008 19:16	12.86	51.76	33.98	8.63	7.89	5.9	1.442	101
121	11/1/2008 19:31	13.04	51.626	33.89	8.65	7.9	5.4	1.338	101.4
122	11/1/2008 19:46	12.81	52.101	34.23	8.5	7.87	5.9	1.246	99.4
123	11/1/2008 20:01	13.13	51.887	34.08	8.55	7.88	5.4	1.169	100.6
124	11/1/2008 20:16	13.2	51.774	34	8.51	7.9	4.9	1.105	100.3
125	11/1/2008 20:31	13.26	50.842	33.32	8.53	7.95	5.5	1.056	100.1
126	11/1/2008 20:46	13.6	50.763	33.28	8.41		4.6	1.032	99.4
127	11/1/2008 21:01	13.3	51.606	33.89	8.36	7.86	5.5	1.018	98.6
128	11/1/2008 21:16	13.39	51.774	34.01	8.41	7.89	4.7	1.049	99.5
129	11/1/2008 21:31	13.49	51.858	34.08	8.43	7.89	4.2	1.063	100
130	11/1/2008 21:46	13.31	51.642	33.91	8.49	7.89	4.9	1.13	100.2
131	11/1/2008 22:01	13.44	51.929	34.13	8.5	7.89	4.6	1.187	100.7
132	11/1/2008 22:16	13.43	50.706	33.23	8.52	7.94	4.8	1.252	100.3
133	11/1/2008 22:31	13.54	51.381	33.73	8.43	7.85	5.2	1.345	99.8
134	11/1/2008 22:46	13.53	50.456	33.05	8.46		5.5	1.403	99.7
135	11/1/2008 23:01	13.57	51.284	33.66	8.4	7.84	5.8	1.481	99.5
136	11/1/2008 23:16	13.46	51.385	33.73	8.51	7.88	4.8	1.567	100.6
137	11/1/2008 23:31	13.44	51.622	33.9	8.5	7.89	4.9	1.64	100.6
138	11/1/2008 23:46	13.38	51.624	33.9	8.55	7.89	4.5	1.719	101
139	11/2/2008 0:01	13.34	51.612	33.89	8.59	7.89	4.6	1.787	101.4
140	11/2/2008 0:16	13.27	51.55	33.84	8.64	7.89	4.8	1.881	101.8
141	11/2/2008 0:31	13.25	51.267	33.63	8.64	7.86	5.6	1.943	101.7
142	11/2/2008 0:46	13.24	51.496	33.8	8.64	7.89	5.4	2.015	101.7
143	11/2/2008 1:01	13.25	51.71	33.96	8.62	7.89	5.3	2.1	101.6
144	11/2/2008 1:16	13.28	51.828	34.05	8.59	7.82	5.9	2.175	101.4
145	11/2/2008 1:31	13.16	51.887	34.09	8.6	7.82	6	2.243	101.3
146	11/2/2008 1:46	13.01	51.709	33.95	8.64	7.84	5.9	2.303	101.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
147	11/2/2008 2:01	12.92	51.073	33.48	8.67	7.99	5.7	2.379	101.3
148	11/2/2008 2:16	12.81	52.09	34.22	8.64	7.81	6.1	2.45	101.1
149	11/2/2008 2:31	12.72	51.871	34.05	8.65	7.85	6.4	2.505	101
150	11/2/2008 2:46	12.54	51.678	33.91	8.69	7.81	5.9	2.569	100.9
151	11/2/2008 3:01	12.4	51.656	33.88	8.69	7.82	5.1	2.617	100.6
152	11/2/2008 3:16	12.29	51.93	34.08	8.67	7.83	4.8	2.677	100.2
153	11/2/2008 3:31	12.26	51.74	33.94	8.66	7.83	4.4	2.712	100
154	11/2/2008 3:46	12.17	51.827	34	8.61	7.82	4.2	2.743	99.2
155	11/2/2008 4:01	12.15	51.396	33.68	8.56	7.8	3.4	2.771	98.4
156	11/2/2008 4:16	12.26	51.828	34	8.48	7.82	4	2.783	98
157	11/2/2008 4:31	12.13	51.79	33.97	8.55	7.8	4	2.78	98.4
158	11/2/2008 4:46	11.98	51.73	33.92	8.58	7.8	3.2	2.762	98.5
159	11/2/2008 5:01	12.04	51.685	33.89	8.58	7.8	3.7	2.726	98.6
160	11/2/2008 5:16	12.26	51.633	33.86	8.51	7.8	3.6	2.678	98.2
161	11/2/2008 5:31	12.55	51.538	33.8	8.49	7.81	3.8	2.626	98.6
162	11/2/2008 5:46	12.42	51.517	33.78	8.57	7.81	3.8	2.579	99.1
163	11/2/2008 6:01	12.49	51.735	33.94	8.53	7.81	3.8	2.518	99
164	11/2/2008 6:16	12.73	51.799	34	8.39	7.83	3.8	2.474	97.9
165	11/2/2008 6:31	12.81	51.586	33.85	8.3	7.8	4.2	2.436	96.8
166	11/2/2008 6:46	12.82	51.581	33.85	8.28	7.8	3.8	2.39	96.7
167	11/2/2008 7:01	12.88	51.641	33.89	8.2	7.8	4.3	2.347	95.8
168	11/2/2008 7:16	12.93	51.543	33.82	8.15	7.79	4	2.309	95.3
169	11/2/2008 7:31	12.95	51.457	33.76	8.09	7.79	4	2.296	94.7
170	11/2/2008 7:46	13.01	51.485	33.78	8.12	7.8	3.8	2.269	95.1
171	11/2/2008 8:01	13.04	51.493	33.79	8.09	7.79	4.2	2.245	94.9
172	11/2/2008 8:16	13.08	51.461	33.77	8.1	7.83	3.9	2.247	95
173	11/2/2008 8:31	13.03	51.536	33.82	8.05	7.79	4.1	2.25	94.3
174	11/2/2008 8:46	12.93	51.286	33.64	8.12	7.79	4.2	2.264	94.9
175	11/2/2008 9:01	12.94	51.495	33.79	8.2	7.8	3.8	2.279	96
176	11/2/2008 9:16	12.89	51.647	33.9	8.22	7.8	4.2	2.3	96.2
177	11/2/2008 9:31	12.88	51.684	33.93	8.23	7.83	4	2.305	96.2
178	11/2/2008 9:46	12.83	50.766	33.25	8.27	7.95	4.2	2.332	96.2
179	11/2/2008 10:01	12.81	51.619	33.87	8.28	7.81	4.5	2.38	96.7
180	11/2/2008 10:16	12.77	51.495	33.78	8.32	7.82	4.2	2.421	96.9
181	11/2/2008 10:31	12.74	51.543	33.82	8.3	7.81	4.4	2.467	96.7
182	11/2/2008 10:46	12.61	51.252	33.6	8.37	7.82	4.2	2.518	97.2
183	11/2/2008 11:01	12.59	51.385	33.69	8.39	7.8	4.2	2.566	97.4
184	11/2/2008 11:16	12.54	51.6	33.85	8.44	7.8	4	2.645	97.9
185	11/2/2008 11:31	12.32	51.76	33.95	8.51	7.81	4	2.695	98.4
186	11/2/2008 11:46	12.2	51.817	33.99	8.59	7.81	3.7	2.747	99.1
187	11/2/2008 12:01	12.15	51.746	33.94	8.62	7.81	3.5	2.812	99.3
188	11/2/2008 12:16	12.17	51.838	34.01	8.65	7.81	3.7	2.861	99.8
189	11/2/2008 12:31	12.19	51.032	33.42	8.69		3.6	2.927	99.9
190	11/2/2008 12:46	12.21	51.963	34.1	8.66	7.82	3.5	2.969	100
191	11/2/2008 13:01	12.16	51.871	34.03	8.69	7.82	3.6	3.023	100.2
192	11/2/2008 13:16	12.12	51.999	34.12	8.7	7.81	3.7	3.067	100.3
193	11/2/2008 13:31	11.96	51.966	34.09	8.74	7.8	3.4	3.094	100.4
194	11/2/2008 13:46	11.98	51.84	34	8.74	7.8	3.2	3.128	100.4
195	11/2/2008 14:01	11.98	52.003	34.12	8.73	7.81	3.3	3.162	100.3

sonde #1	Indian Island Long-Term Deployment						Water Quality Data		TP #2
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
196	11/2/2008 14:16	11.99	51.931	34.06	8.69	7.81	2.7	3.174	99.9
197	11/2/2008 14:31	12.05	51.799	33.97	8.68	7.8	2.9	3.164	99.8
198	11/2/2008 14:46	12.03	51.923	34.06	8.66	7.82	2.7	3.174	99.6
199	11/2/2008 15:01	11.96	51.972	34.09	8.67	7.82	2.8	3.156	99.5
200	11/2/2008 15:16	11.97	52.024	34.13	8.65	7.82	2.6	3.12	99.5
201	11/2/2008 15:31	12.06	51.838	34	8.7	7.82	2.9	3.074	100.1
202	11/2/2008 15:46	12.19	51.939	34.08	8.74	7.84	3.3	3.028	100.8
203	11/2/2008 16:01	12.43	52.007	34.14	8.84	7.84	4	2.947	102.5
204	11/2/2008 16:16	12.71	51.944	34.11	9.18	7.89	4.3	2.866	107.1
205	11/2/2008 16:31	12.84	51.842	34.04	9.29	7.9	5.8	2.814	108.7
206	11/2/2008 16:46	12.9	51.866	34.06	9.32	7.9	4.3	2.732	109.1
207	11/2/2008 17:01	13.11	51.622	33.89	9.17	7.87	4.9	2.635	107.7
208	11/2/2008 17:16	13.19	51.674	33.93	9.25	7.87	5.2	2.53	108.9
209	11/2/2008 17:31	13.26	51.526	33.82	9.24	7.87	5.4	2.433	108.9
210	11/2/2008 17:46	13.5	51.66	33.93	9.26	7.88	5.3	2.352	109.7
211	11/2/2008 18:01	13.51	51.487	33.81	9.29	7.89	5.4	2.254	110
212	11/2/2008 18:16	13.37	51.624	33.9	9.3	7.92	5.1	2.134	109.9
213	11/2/2008 18:31	13.38	51.333	33.69	9.27	7.92	6.8	2.051	109.4
214	11/2/2008 18:46	13.45	51.179	33.58	9.28	7.89	6.2	1.924	109.5
215	11/2/2008 19:01	13.52	50.36	32.98	9.31		7.4	1.818	109.7
216	11/2/2008 19:16	13.54	50.984	33.44	9.18	7.99	5.5	1.72	108.5
217	11/2/2008 19:31	13.61	51.098	33.52	9.13	7.88	5.3	1.611	108.1
218	11/2/2008 19:46	13.63	51.07	33.5	9.08	7.91	5.1	1.495	107.5
219	11/2/2008 20:01	13.73	50.977	33.44	9.04	7.91	5	1.412	107.3
220	11/2/2008 20:16	13.73	50.692	33.23	8.99	7.91	4.6	1.309	106.6
221	11/2/2008 20:31	13.8	50.613	33.18	8.9	7.87	4.8	1.208	105.6
222	11/2/2008 20:46	13.8	50.733	33.26	8.79	7.9	4.6	1.176	104.3
223	11/2/2008 21:01	13.83	50.798	33.31	8.75	7.9	3.7	1.15	103.9
224	11/2/2008 21:16	13.85	50.868	33.36	8.76	7.9	3.5	1.105	104.2
225	11/2/2008 21:31	13.82	50.009	32.74	8.73		3.7	1.121	103.4
226	11/2/2008 21:46	13.84	50.87	33.37	8.91	7.98	3.6	1.093	105.9
227	11/2/2008 22:01	13.77	50.876	33.37	8.97	7.91	3.7	1.133	106.5
228	11/2/2008 22:16	13.75	50.82	33.33	8.97	7.91	4	1.167	106.4
229	11/2/2008 22:31	13.7	51.132	33.55	8.93	7.91	4.2	1.204	106
230	11/2/2008 22:46	13.74	50.855	33.35	9.01	7.91	3.9	1.275	106.8
231	11/2/2008 23:01	13.74	49.913	32.66	8.98		4.6	1.33	106.1
232	11/2/2008 23:16	13.79	50.507	33.1	8.92	7.88	4.5	1.406	105.7
233	11/2/2008 23:31	13.91	49.848	32.62	8.81	7.88	4.6	1.473	104.4
234	11/2/2008 23:46	13.79	50.561	33.14	8.98	7.9	3.9	1.562	106.5
235	11/3/2008 0:01	13.78	50.675	33.22	8.97	7.91	4.1	1.6	106.3
236	11/3/2008 0:16	13.77	50.697	33.24	9.02	7.91	3.7	1.656	107
237	11/3/2008 0:31	13.72	50.767	33.29	9.08	7.91	3.6	1.756	107.6
238	11/3/2008 0:46	13.69	50.919	33.4	9.1	7.92	3.5	1.818	107.9
239	11/3/2008 1:01	13.61	50.736	33.26	9.07	7.88	3.7	1.899	107.3
240	11/3/2008 1:16	13.61	51.248	33.63	9.03	7.91	4.2	1.96	107
241	11/3/2008 1:31	13.64	51.24	33.63	8.93	7.9	4.3	2.028	105.9
242	11/3/2008 1:46	13.64	51.092	33.52	8.93	7.88	4.6	2.119	105.8
243	11/3/2008 2:01	13.59	51.279	33.66	8.91	7.88	4.6	2.17	105.6
244	11/3/2008 2:16	13.53	51.201	33.6	8.9	7.9	4.5	2.228	105.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
245	11/3/2008 2:31	13.41	51.38	33.72	8.86	7.87	5.5	2.311	104.6
246	11/3/2008 2:46	13.33	51.471	33.79	8.84	7.89	5.3	2.37	104.3
247	11/3/2008 3:01	13.31	51.505	33.81	8.82	7.89	5.1	2.422	104
248	11/3/2008 3:16	13.19	51.368	33.71	8.8	7.88	5	2.489	103.5
249	11/3/2008 3:31	13.03	50.956	33.4	8.81	7.85	5.1	2.539	103
250	11/3/2008 3:46	12.93	51.565	33.84	8.77	7.87	4.9	2.584	102.6
251	11/3/2008 4:01	12.77	51.556	33.83	8.75	7.86	4.3	2.624	102.1
252	11/3/2008 4:16	12.73	52.075	34.2	8.69	7.85	4.3	2.668	101.5
253	11/3/2008 4:31	12.64	51.424	33.72	8.73	7.84	4.3	2.699	101.4
254	11/3/2008 4:46	12.5	51.802	33.99	8.73	7.85	4.1	2.72	101.4
255	11/3/2008 5:01	12.73	51.684	33.92	8.68	7.84	4	2.725	101.2
256	11/3/2008 5:16	12.6	51.522	33.79	8.6	7.85	3.3	2.733	99.9
257	11/3/2008 5:31	12.53	51.733	33.95	8.66	7.85	3.6	2.718	100.5
258	11/3/2008 5:46	12.53	51.662	33.89	8.67	7.85	3.2	2.687	100.7
259	11/3/2008 6:01	12.93	51.247	33.61	8.54	7.86	3.7	2.663	99.8
260	11/3/2008 6:16	13.07	51.546	33.83	8.47	7.86	4.4	2.623	99.5
261	11/3/2008 6:31	13	51.583	33.86	8.51	7.84	3.8	2.572	99.7
262	11/3/2008 6:46	13.04	51.303	33.65	8.49	7.86	3.8	2.525	99.5
263	11/3/2008 7:01	13.06	51.517	33.81	8.49	7.86	3.6	2.477	99.5
264	11/3/2008 7:16	13.07	51.429	33.75	8.47	7.86	3.5	2.422	99.3
265	11/3/2008 7:31	13.1	51.382	33.71	8.46	7.86	3.5	2.394	99.3
266	11/3/2008 7:46	13.13	51.517	33.81	8.47	7.86	3.5	2.353	99.6
267	11/3/2008 8:01	13.16	51.307	33.66	8.5	7.87	3.2	2.326	99.8
268	11/3/2008 8:16	13.19	51.301	33.66	8.52	7.87	2.8	2.308	100.1
269	11/3/2008 8:31	13.2	51.299	33.66	8.47	7.87	3.2	2.289	99.6
270	11/3/2008 8:46	13.21	51.327	33.68	8.43	7.87	2.7	2.286	99.1
271	11/3/2008 9:01	13.17	51.352	33.69	8.43	7.87	3.4	2.283	99
272	11/3/2008 9:16	13.11	51.349	33.69	8.42	7.87	4.9	2.281	98.8
273	11/3/2008 9:31	13.04	51.148	33.54	8.41	7.86	4.2	2.292	98.4
274	11/3/2008 9:46	13.07	51.136	33.53	8.5	7.84	3.6	2.299	99.6
275	11/3/2008 10:01	13.03	51.434	33.75	8.51	7.86	4	2.331	99.7
276	11/3/2008 10:16	13	50.601	33.14	8.56	7.92	4	2.353	99.9
277	11/3/2008 10:31	12.95	51.662	33.91	8.51	7.84	4.2	2.374	99.7
278	11/3/2008 10:46	12.91	50.569	33.11	8.56	7.91	4	2.421	99.7
279	11/3/2008 11:01	12.86	51.677	33.92	8.51	7.84	4.5	2.45	99.5
280	11/3/2008 11:16	12.82	51.557	33.83	8.55	7.83	4.5	2.491	99.8
281	11/3/2008 11:31	12.75	50.549	33.09	8.6	7.91	4.3	2.536	99.8
282	11/3/2008 11:46	12.65	50.97	33.39	8.62	7.9	5.1	2.581	100
283	11/3/2008 12:01	12.46	51.524	33.79	8.71	7.84	3.8	2.618	101
284	11/3/2008 12:16	12.33	51.544	33.8	8.81	7.86	3.7	2.663	101.8
285	11/3/2008 12:31	12.19	51.808	33.98	8.88	7.86	3.6	2.716	102.4
286	11/3/2008 12:46	12.2	50.744	33.21	8.92	7.92	3.7	2.753	102.4
287	11/3/2008 13:01	12.19	51.434	33.71	8.9	7.85	3.4	2.793	102.5
288	11/3/2008 13:16	12.06	51.649	33.86	8.95	7.87	3.2	2.837	102.8
289	11/3/2008 13:31	12	51.425	33.69	8.97	7.87	3.2	2.876	102.8
290	11/3/2008 13:46	11.91	51.701	33.89	8.98	7.87	3.1	2.922	102.9
291	11/3/2008 14:01	11.82	50.866	33.28	9.03	7.86	3.1	2.952	102.9
292	11/3/2008 14:16	11.76	51.509	33.74	9.01	7.86	3.1	2.998	102.8
293	11/3/2008 14:31	11.71	51.628	33.83	9	7.88	3.2	3.042	102.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
294	11/3/2008 14:46	11.66	51.241	33.54	9.02	7.86	3.2	3.083	102.6
295	11/3/2008 15:01	11.61	51.506	33.73	9.02	7.85	3.1	3.118	102.6
296	11/3/2008 15:16	11.59	51.681	33.86	8.96	7.85	3.1	3.147	102
297	11/3/2008 15:31	11.66	51.473	33.71	8.95	7.87	3.1	3.147	101.9
298	11/3/2008 15:46	11.65	51.239	33.54	8.97	7.87	3.1	3.139	102
299	11/3/2008 16:01	11.68	51.258	33.56	8.94	7.86	2.6	3.092	101.8
300	11/3/2008 16:16	11.76	51.421	33.68	9.01	7.87	3.1	3.026	102.8
301	11/3/2008 16:31	11.75	51.478	33.72	9	7.87	3.1	2.972	102.6
302	11/3/2008 16:46	11.87	50.589	33.08	9.06		3.7	2.915	103.2
303	11/3/2008 17:01	11.88	51.477	33.73	9.02	7.94	3.7	2.838	103.2
304	11/3/2008 17:16	11.88	51.284	33.59	9.02	7.87	3.6	2.765	103.2
305	11/3/2008 17:31	12.19	51.398	33.68	8.94	7.86	4.5	2.667	102.9
306	11/3/2008 17:46	12.33	51.524	33.78	8.89	7.88	4.5	2.594	102.6
307	11/3/2008 18:01	12.05	50.607	33.1	8.97	7.93	5	2.526	102.6
308	11/3/2008 18:16	12.44	51.277	33.61	8.78	7.85	5.7	2.424	101.6
309	11/3/2008 18:31	12.4	51.467	33.74	8.78	7.85	4.8	2.349	101.6
310	11/3/2008 18:46	12.64	51.182	33.55	8.61	7.87	5.7	2.267	100
311	11/3/2008 19:01	12.66	51.146	33.52	8.58	7.87	6	2.183	99.6
312	11/3/2008 19:16	12.64	51.065	33.46	8.53	7.87	6.1	2.097	99
313	11/3/2008 19:31	12.76	51.036	33.45	8.47	7.86	6.9	2.001	98.5
314	11/3/2008 19:46	12.84	50.874	33.33	8.42	7.85	6.8	1.897	98
315	11/3/2008 20:01	12.88	50.486	33.05	8.39	7.85	7.2	1.815	97.5
316	11/3/2008 20:16	12.79	51.08	33.48	8.35	7.85	6.3	1.714	97.2
317	11/3/2008 20:31	12.86	50.885	33.34	8.32	7.85	6.7	1.642	96.9
318	11/3/2008 20:46	12.85	50.492	33.05	8.29	7.85	7	1.538	96.3
319	11/3/2008 21:01	12.86	50.663	33.18	8.26	7.82	6.7	1.459	96.1
320	11/3/2008 21:16	12.9	50.796	33.28	8.21	7.84	6.7	1.406	95.7
321	11/3/2008 21:31	12.97	50.562	33.11	8.17	7.85	6.5	1.345	95.3
322	11/3/2008 21:46	12.94	49.778	32.54	8.12		6.2	1.293	94.3
323	11/3/2008 22:01	12.98	50.56	33.11	8.1	7.89	5.6	1.262	94.4
324	11/3/2008 22:16	12.96	50.782	33.27	8.06	7.83	4.8	1.262	94
325	11/3/2008 22:31	12.92	50.671	33.19	8.02	7.83	6	1.246	93.5
326	11/3/2008 22:46	12.94	50.188	32.83	8.07	7.81	5.6	1.245	93.9
327	11/3/2008 23:01	12.93	50.535	33.09	8.12	7.84	5.6	1.291	94.6
328	11/3/2008 23:16	12.95	50.652	33.17	8.12	7.84	5.8	1.324	94.7
329	11/3/2008 23:31	12.97	50.57	33.11	8.18	7.85	5.6	1.376	95.4
330	11/3/2008 23:46	12.98	50.403	32.99	8.2	7.85	6	1.435	95.6
331	11/4/2008 0:01	12.94	50.547	33.1	8.22	7.83	5.7	1.484	95.7
332	11/4/2008 0:16	12.85	49.235	32.14	8.29	7.89	6	1.573	95.8
333	11/4/2008 0:31	12.8	49.558	32.37	8.29	7.82	5.7	1.626	95.9
334	11/4/2008 0:46	12.87	50.311	32.92	8.26	7.84	5.4	1.679	96
335	11/4/2008 1:01	12.89	50.304	32.92	8.24	7.85	5.5	1.742	95.8
336	11/4/2008 1:16	12.87	50.369	32.96	8.29	7.85	5.2	1.805	96.4
337	11/4/2008 1:31	12.84	50.643	33.16	8.33	7.85	5.3	1.873	96.9
338	11/4/2008 1:46	12.81	50.748	33.24	8.36	7.85	5	1.926	97.3
339	11/4/2008 2:01	12.8	50.676	33.18	8.42	7.86	5.2	1.99	97.9
340	11/4/2008 2:16	12.83	50.953	33.39	8.43	7.86	5.3	2.07	98.1
341	11/4/2008 2:31	12.84	50.805	33.28	8.43	7.87	5.6	2.129	98.1
342	11/4/2008 2:46	12.87	51.122	33.51	8.4	7.86	6	2.177	98

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
343	11/4/2008 3:01	12.87	50.933	33.38	8.41	7.86	6.5	2.24	98
344	11/4/2008 3:16	12.85	50.906	33.35	8.42	7.87	6	2.306	98.1
345	11/4/2008 3:31	12.79	51.051	33.46	8.42	7.86	5.9	2.359	98.1
346	11/4/2008 3:46	12.73	51.028	33.44	8.43	7.86	5.7	2.406	98
347	11/4/2008 4:01	12.65	50.855	33.31	8.45	7.86	5.9	2.461	98
348	11/4/2008 4:16	12.6	50.859	33.31	8.5	7.86	5.3	2.514	98.5
349	11/4/2008 4:31	12.58	51.214	33.57	8.5	7.86	4.9	2.562	98.6
350	11/4/2008 4:46	12.52	51.307	33.63	8.52	7.86	4.8	2.595	98.7
351	11/4/2008 5:01	12.49	51.244	33.59	8.49	7.83	4.8	2.636	98.3
352	11/4/2008 5:16	12.48	51.245	33.59	8.44	7.86	4.8	2.659	97.7
353	11/4/2008 5:31	12.39	51.332	33.65	8.49	7.86	4.5	2.697	98.1
354	11/4/2008 5:46	12.34	51.126	33.49	8.48	7.86	3.8	2.702	97.8
355	11/4/2008 6:01	12.4	51.261	33.59	8.43	7.86	4.3	2.699	97.5
356	11/4/2008 6:16	12.35	51.08	33.46	8.48	7.86	3.9	2.696	97.8
357	11/4/2008 6:31	12.36	50.431	32.99	8.48	7.91	3.7	2.677	97.5
358	11/4/2008 6:46	12.42	51.143	33.51	8.43	7.84	4.6	2.643	97.4
359	11/4/2008 7:01	12.46	51.121	33.49	8.33	7.85	4.6	2.61	96.3
360	11/4/2008 7:16	12.46	51.22	33.57	8.24	7.85	4.6	2.579	95.3
361	11/4/2008 7:31	12.46	51.51	33.78	8.16	7.83	4.6	2.537	94.6
362	11/4/2008 7:46	12.45	50.863	33.31	8.26	7.82	4.8	2.501	95.4
363	11/4/2008 8:01	12.41	51.068	33.45	8.22	7.84	4.9	2.467	95
364	11/4/2008 8:16	12.44	51.1	33.48	8.2	7.84	4.8	2.434	94.8
365	11/4/2008 8:31	12.43	50.93	33.35	8.18	7.85	4.7	2.395	94.5
366	11/4/2008 8:46	12.37	50.962	33.37	8.07	7.83	4.9	2.387	93
367	11/4/2008 9:01	12.32	50.675	33.16	8.03	7.83	5.2	2.369	92.4
368	11/4/2008 9:16	12.35	50.747	33.22	8.03	7.83	4.5	2.338	92.5
369	11/4/2008 9:31	12.35	50.782	33.24	8.02	7.83	4.8	2.321	92.4
370	11/4/2008 9:46	12.34	50.869	33.3	7.9	7.83	4.5	2.331	91
371	11/4/2008 10:01	12.3	50.828	33.27	8.01	7.83	4.6	2.319	92.2
372	11/4/2008 10:16	12.34	50.81	33.26	8.09	7.84	4.3	2.312	93.2
373	11/4/2008 10:31	12.4	50.77	33.24	8.1	7.84	4.3	2.321	93.4
374	11/4/2008 10:46	12.47	50.816	33.27	8.21	7.85	3.8	2.347	94.8
375	11/4/2008 11:01	12.46	51.098	33.48	8.22	7.84	4.2	2.35	95
376	11/4/2008 11:16	12.53	50.949	33.37	8.28	7.85	3.7	2.363	95.8
377	11/4/2008 11:31	12.53	50.908	33.34	8.32	7.85	3.7	2.404	96.3
378	11/4/2008 11:46	12.51	50.779	33.25	8.32	7.85	3.8	2.435	96.1
379	11/4/2008 12:01	12.57	50.891	33.33	8.37	7.85	4.2	2.471	96.9
380	11/4/2008 12:16	12.56	50.607	33.12	8.39	7.85	3.8	2.5	97
381	11/4/2008 12:31	12.47	50.971	33.39	8.33	7.85	4	2.524	96.3
382	11/4/2008 12:46	12.45	50.735	33.21	8.34	7.85	4	2.574	96.2
383	11/4/2008 13:01	12.41	51.112	33.49	8.34	7.85	4	2.612	96.3
384	11/4/2008 13:16	12.4	50.892	33.32	8.39	7.85	3.8	2.645	96.8
385	11/4/2008 13:31	12.33	51.11	33.48	8.41	7.85	3.8	2.683	96.9
386	11/4/2008 13:46	12.24	50.262	32.86	8.58	7.91	3.6	2.727	98.3
387	11/4/2008 14:01	12.24	51.172	33.52	8.62	7.91	3.3	2.773	99.2
388	11/4/2008 14:16	12.22	51.367	33.66	8.64	7.86	3.2	2.797	99.6
389	11/4/2008 14:31	12.24	51.348	33.65	8.68	7.86	2.9	2.833	100
390	11/4/2008 14:46	12.22	51.503	33.76	8.71	7.87	3.1	2.874	100.3
391	11/4/2008 15:01	12.21	51.247	33.58	8.75	7.87	2.7	2.891	100.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
392	11/4/2008 15:16	12.22	51.382	33.67	8.68	7.87	3	2.927	100
393	11/4/2008 15:31	12.21	51.808	33.99	8.64	7.85	2.7	2.951	99.7
394	11/4/2008 15:46	12.22	51.004	33.4	8.66	7.83	2.3	2.947	99.6
395	11/4/2008 16:01	12.22	51.356	33.65	8.61	7.86	2.7	2.951	99.2
396	11/4/2008 16:16	12.23	51.239	33.57	8.64	7.86	2.3	2.95	99.5
397	11/4/2008 16:31	12.24	51.426	33.71	8.63	7.86	2.6	2.927	99.5
398	11/4/2008 16:46	12.27	51.393	33.68	8.62	7.86	2.7	2.885	99.5
399	11/4/2008 17:01	12.29	50.399	32.96	8.67	7.91	3	2.858	99.6
400	11/4/2008 17:16	12.32	51.356	33.66	8.7	7.85	2.9	2.822	100.4
401	11/4/2008 17:31	12.43	51.229	33.57	8.77	7.88	3.1	2.766	101.3
402	11/4/2008 17:46	12.59	51.256	33.6	8.95	7.89	3.8	2.695	103.8
403	11/4/2008 18:01	12.8	51.088	33.49	9.15	7.92	4	2.642	106.5
404	11/4/2008 18:16	12.9	51.06	33.47	9.24	7.92	4.3	2.582	107.8
405	11/4/2008 18:31	12.91	51.152	33.54	9.24	7.92	4.3	2.488	107.8
406	11/4/2008 18:46	12.85	50.919	33.36	9.25	7.92	4.3	2.431	107.8
407	11/4/2008 19:01	12.98	50.855	33.32	9.4	7.91	4.3	2.367	109.7
408	11/4/2008 19:16	13.1	50.859	33.33	9.53	7.94	4.5	2.277	111.6
409	11/4/2008 19:31	13.04	50.826	33.3	9.36	7.91	4.5	2.199	109.4
410	11/4/2008 19:46	12.94	50.861	33.33	9.24	7.92	4.4	2.122	107.8
411	11/4/2008 20:01	12.84	50.415	33	9.22	7.9	4.6	2.022	107.1
412	11/4/2008 20:16	12.76	50.657	33.17	9.19	7.9	4.2	1.951	106.7
413	11/4/2008 20:31	12.73	50.542	33.08	9.19	7.92	4.6	1.852	106.6
414	11/4/2008 20:46	12.66	50.559	33.09	9.18	7.91	4.2	1.766	106.4
415	11/4/2008 21:01	12.64	49.668	32.44	9.22	7.97	4.6	1.683	106.3
416	11/4/2008 21:16	12.62	50.543	33.08	9.21	7.9	4.2	1.605	106.6
417	11/4/2008 21:31	12.61	50.194	32.83	9.2	7.91	4	1.534	106.3
418	11/4/2008 21:46	12.56	49.492	32.31	9.21	7.96	4.1	1.464	106
419	11/4/2008 22:01	12.57	50.325	32.92	9.18	7.9	3.8	1.406	106
420	11/4/2008 22:16	12.57	50.112	32.76	9.17	7.92	3.9	1.359	105.8
421	11/4/2008 22:31	12.55	50.272	32.88	9.14	7.91	3.8	1.33	105.5
422	11/4/2008 22:46	12.55	50.007	32.69	9.18	7.9	3.5	1.305	105.8
423	11/4/2008 23:01	12.53	49.782	32.52	9.11	7.9	3.3	1.306	104.9
424	11/4/2008 23:16	12.64	50.358	32.95	9.16	7.91	3.4	1.307	105.9
425	11/4/2008 23:31	12.56	49.502	32.32	9.18	7.96	4	1.313	105.6
426	11/4/2008 23:46	12.63	50.577	33.1	9.14	7.9	3.8	1.349	105.8
427	11/5/2008 0:01	12.71	49.557	32.37	9.18		3.7	1.377	106
428	11/5/2008 0:16	12.64	50.194	32.83	9.13	7.96	3.8	1.404	105.6
429	11/5/2008 0:31	12.72	50.226	32.85	9.15	7.91	3.5	1.467	106
430	11/5/2008 0:46	12.66	50.069	32.74	9.14	7.91	4	1.513	105.6
431	11/5/2008 1:01	12.7	50.223	32.85	9.18	7.91	3.5	1.558	106.3
432	11/5/2008 1:16	12.73	50.195	32.83	9.2	7.88	3.7	1.615	106.5
433	11/5/2008 1:31	12.72	50.177	32.82	9.19	7.91	3.5	1.679	106.4
434	11/5/2008 1:46	12.72	50.432	33	9.17	7.9	3.4	1.738	106.3
435	11/5/2008 2:01	12.71	50.024	32.71	9.16	7.88	3.6	1.788	106
436	11/5/2008 2:16	12.74	50.331	32.93	9.17	7.91	3.4	1.853	106.2
437	11/5/2008 2:31	12.79	50.347	32.94	9.13	7.91	3.5	1.926	106
438	11/5/2008 2:46	12.79	50.389	32.97	9.01	7.9	3.7	1.987	104.5
439	11/5/2008 3:01	12.81	50.455	33.02	8.9	7.9	3.7	2.042	103.4
440	11/5/2008 3:16	12.79	50.602	33.13	8.82	7.89	3.7	2.111	102.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
441	11/5/2008 3:31	12.83	50.618	33.14	8.7	7.88	3.8	2.18	101.1
442	11/5/2008 3:46	12.79	50.663	33.17	8.69	7.88	3.9	2.24	101
443	11/5/2008 4:01	12.79	50.956	33.39	8.66	7.88	4.5	2.301	100.8
444	11/5/2008 4:16	12.73	49.919	32.63	8.7	7.93	4.5	2.352	100.7
445	11/5/2008 4:31	12.67	50.843	33.3	8.65	7.86	4.4	2.405	100.3
446	11/5/2008 4:46	12.63	50.978	33.4	8.63	7.87	4.1	2.467	100.1
447	11/5/2008 5:01	12.6	50.995	33.41	8.63	7.87	4.5	2.51	100
448	11/5/2008 5:16	12.58	51.171	33.54	8.6	7.87	3.9	2.552	99.7
449	11/5/2008 5:31	12.52	51.121	33.5	8.6	7.87	4.2	2.608	99.5
450	11/5/2008 5:46	12.42	50.868	33.31	8.63	7.87	4.2	2.646	99.6
451	11/5/2008 6:01	12.38	50.954	33.37	8.61	7.87	3.7	2.67	99.3
452	11/5/2008 6:16	12.37	51.223	33.56	8.56	7.87	3.5	2.703	98.9
453	11/5/2008 6:31	12.31	51.29	33.61	8.59	7.87	3.4	2.729	99.1
454	11/5/2008 6:46	12.24	51.298	33.61	8.56	7.83	3.1	2.737	98.6
455	11/5/2008 7:01	12.34	50.81	33.26	8.52	7.86	3.1	2.739	98.1
456	11/5/2008 7:16	12.3	50.967	33.37	8.5	7.86	3.5	2.727	97.9
457	11/5/2008 7:31	12.31	51.179	33.53	8.49	7.86	3.1	2.714	97.9
458	11/5/2008 7:46	12.22	50.842	33.28	8.49	7.86	3.3	2.682	97.5
459	11/5/2008 8:01	12.19	50.908	33.33	8.47	7.86	3.7	2.648	97.3
460	11/5/2008 8:16	12.26	50.781	33.24	8.53	7.86	3.7	2.604	98
461	11/5/2008 8:31	12.34	51.133	33.5	8.47	7.86	3.4	2.556	97.7
462	11/5/2008 8:46	12.37	51.044	33.43	8.48	7.86	3.5	2.529	97.8
463	11/5/2008 9:01	12.39	51.079	33.46	8.46	7.86	5.8	2.494	97.6
464	11/5/2008 9:16	12.37	50.631	33.13	8.42	7.85	3.4	2.442	96.9
465	11/5/2008 9:31	12.38	50.895	33.33	8.39	7.85	3.5	2.422	96.7
466	11/5/2008 9:46	12.37	50.894	33.32	8.42	7.86	3.2	2.39	97.1
467	11/5/2008 10:01	12.34	51.215	33.56	8.33	7.84	2.8	2.354	96.2
468	11/5/2008 10:16	12.36	50.724	33.2	8.47	7.84	2.8	2.331	97.6
469	11/5/2008 10:31	12.38	50.623	33.13	8.5	7.86	2.8	2.317	97.9
470	11/5/2008 10:46	12.39	50.758	33.23	8.47	7.86	2.7	2.3	97.6
471	11/5/2008 11:01	12.38	50.742	33.21	8.48	7.86	2.7	2.283	97.8
472	11/5/2008 11:16	12.38	50.583	33.1	8.31	7.82	2.5	2.279	95.7
473	11/5/2008 11:31	12.38	50.589	33.1	8.45	7.86	2.9	2.286	97.4
474	11/5/2008 11:46	12.36	50.685	33.17	8.49	7.86	2.9	2.295	97.8
475	11/5/2008 12:01	12.36	50.335	32.92	8.51	7.87	3	2.308	97.9
476	11/5/2008 12:16	12.31	50.577	33.09	8.46	7.86	3.6	2.31	97.3
477	11/5/2008 12:31	12.35	50.849	33.29	8.47	7.86	3	2.336	97.6
478	11/5/2008 12:46	12.34	50.873	33.31	8.49	7.86	3.3	2.345	97.8
479	11/5/2008 13:01	12.38	50.902	33.33	8.51	7.86	3.3	2.38	98.1
480	11/5/2008 13:16	12.37	50.587	33.1	8.54	7.86	3.2	2.4	98.3
481	11/5/2008 13:31	12.36	50.817	33.27	8.56	7.87	3.3	2.423	98.6
482	11/5/2008 13:46	12.37	50.77	33.23	8.58	7.87	3	2.458	98.9
483	11/5/2008 14:01	12.36	50.655	33.15	8.59	7.87	3.1	2.478	98.9
484	11/5/2008 14:16	12.35	50.902	33.33	8.57	7.86	3	2.521	98.8
485	11/5/2008 14:31	12.34	50.784	33.24	8.59	7.84	3.1	2.542	98.9
486	11/5/2008 14:46	12.28	50.879	33.31	8.59	7.86	2.9	2.586	98.9
487	11/5/2008 15:01	12.17	51.075	33.45	8.58	7.86	2.7	2.62	98.5
488	11/5/2008 15:16	12.03	51.644	33.86	8.65	7.85	2.6	2.656	99.3
489	11/5/2008 15:31	12.03	51.419	33.69	8.7	7.85	2.6	2.688	99.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
490	11/5/2008 15:46	12.02	51.131	33.48	8.74	7.84	2.3	2.719	100.1
491	11/5/2008 16:01	12.05	51.284	33.59	8.75	7.87	2.4	2.75	100.4
492	11/5/2008 16:16	12.04	51.042	33.42	8.76	7.87	2.4	2.765	100.4
493	11/5/2008 16:31	12.03	51.189	33.52	8.74	7.87	2.2	2.799	100.1
494	11/5/2008 16:46	12.05	51.086	33.45	8.71	7.84	2.3	2.805	99.8
495	11/5/2008 17:01	12.05	51.139	33.49	8.55	7.83	1.6	2.81	98
496	11/5/2008 17:16	12.04	51.45	33.71	8.59	7.83	1.9	2.817	98.6
497	11/5/2008 17:31	12.03	51.679	33.88	8.6		1.9	2.809	98.8
498	11/5/2008 17:46	12.02	51.21	33.54	8.66	7.86	2	2.794	99.2
499	11/5/2008 18:01	12.02	51.25	33.57	8.65	7.83	2	2.762	99.2
500	11/5/2008 18:16	12.28	51.073	33.45	8.9	7.86	2.8	2.725	102.5
501	11/5/2008 18:31	12.25	50.078	32.72	8.79	7.95	2.8	2.691	100.8
502	11/5/2008 18:46	12.12	50.155	32.77	8.71		3.1	2.636	99.5
503	11/5/2008 19:01	12.2	50.931	33.34	8.67	7.85	3.2	2.576	99.6
504	11/5/2008 19:16	12.33	50.998	33.4	8.59	7.86	3.4	2.514	99
505	11/5/2008 19:31	12.35	50.993	33.4	8.61	7.87	3.8	2.455	99.3
506	11/5/2008 19:46	12.36	51.3	33.62	8.61	7.86	4.1	2.391	99.5
507	11/5/2008 20:01	12.41	50.741	33.21	8.62	7.86	3.9	2.31	99.4
508	11/5/2008 20:16	12.4	50.625	33.13	8.64	7.87	3.8	2.243	99.6
509	11/5/2008 20:31	12.36	50.451	33	8.73	7.88	3.9	2.17	100.5
510	11/5/2008 20:46	12.35	50.355	32.93	8.79	7.88	4.3	2.096	101.1
511	11/5/2008 21:01	12.34	50.879	33.31	8.78	7.87	4.2	2.012	101.2
512	11/5/2008 21:16	12.34	50.102	32.75	8.82	7.85	4.4	1.938	101.3
513	11/5/2008 21:31	12.33	50.328	32.91	8.78	7.89	4.2	1.861	100.9
514	11/5/2008 21:46	12.31	50.533	33.06	8.81	7.86	4.2	1.781	101.2
515	11/5/2008 22:01	12.28	50.275	32.87	8.8	7.85	4.5	1.713	101
516	11/5/2008 22:16	12.27	50.341	32.92	8.79	7.85	4.3	1.647	100.9
517	11/5/2008 22:31	12.26	50.323	32.9	8.78	7.85	4.6	1.573	100.7
518	11/5/2008 22:46	12.25	50.684	33.17	8.74		4	1.533	100.4
519	11/5/2008 23:01	12.24	50.249	32.85	8.78	7.87	3.5	1.49	100.6
520	11/5/2008 23:16	12.23	50.091	32.73	8.78	7.85	3.8	1.437	100.5
521	11/5/2008 23:31	12.24	50.274	32.87	8.75	7.85	3.6	1.42	100.3
522	11/5/2008 23:46	12.25	50.079	32.73	8.73	7.85	2.9	1.405	100
523	11/6/2008 0:01	12.24	50.09	32.73	8.76	7.88	4.1	1.403	100.4
524	11/6/2008 0:16	12.28	50.266	32.86	8.74	7.89	3.3	1.388	100.3
525	11/6/2008 0:31	12.33	50.475	33.02	8.75	7.86	2.6	1.415	100.7
526	11/6/2008 0:46	12.32	50.229	32.84	8.8	7.86	2.9	1.442	101.1
527	11/6/2008 1:01	12.33	50.376	32.95	8.8	7.86	3.1	1.462	101.2
528	11/6/2008 1:16	12.35	50.566	33.08	8.82	7.89	3	1.515	101.5
529	11/6/2008 1:31	12.34	50.493	33.03	8.79	7.86	3.2	1.546	101
530	11/6/2008 1:46	12.34	50.138	32.77	8.8	7.85	3.2	1.603	101
531	11/6/2008 2:01	12.33	49.971	32.65	8.84	7.86	3.2	1.66	101.4
532	11/6/2008 2:16	12.33	50.117	32.76	8.85	7.86	3.1	1.715	101.6
533	11/6/2008 2:31	12.33	49.763	32.5	8.83	7.86	3.1	1.769	101.1
534	11/6/2008 2:46	12.33	49.909	32.61	8.84	7.86	2.9	1.824	101.3
535	11/6/2008 3:01	12.32	49.961	32.64	8.82	7.87	2.9	1.89	101.2
536	11/6/2008 3:16	12.33	50.204	32.82	8.8	7.85	3.2	1.949	101
537	11/6/2008 3:31	12.33	50.048	32.71	8.78	7.85	3.2	2.006	100.7
538	11/6/2008 3:46	12.34	50.449	33	8.72	7.87	3	2.073	100.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
539	11/6/2008 4:01	12.36	50.461	33.01	8.66	7.84	3.4	2.141	99.6
540	11/6/2008 4:16	12.4	50.696	33.18	8.63	7.84	3.1	2.207	99.5
541	11/6/2008 4:31	12.41	50.472	33.02	8.62	7.84	3.5	2.269	99.2
542	11/6/2008 4:46	12.42	50.658	33.15	8.59	7.83	3.9	2.326	99
543	11/6/2008 5:01	12.41	50.761	33.23	8.57	7.83	4.2	2.396	98.8
544	11/6/2008 5:16	12.39	50.521	33.05	8.57	7.83	4.1	2.453	98.7
545	11/6/2008 5:31	12.36	50.609	33.12	8.56	7.83	3.7	2.51	98.5
546	11/6/2008 5:46	12.33	50.904	33.33	8.55	7.83	3.5	2.57	98.5
547	11/6/2008 6:01	12.3	51.01	33.41	8.55	7.83	3.5	2.619	98.5
548	11/6/2008 6:16	12.26	51.052	33.44	8.56	7.83	3.5	2.677	98.5
549	11/6/2008 6:31	12.18	50.929	33.34	8.6	7.83	3.7	2.718	98.7
550	11/6/2008 6:46	12.17	50.102	32.74	8.61	7.87	3.1	2.756	98.5
551	11/6/2008 7:01	12.14	50.934	33.34	8.58	7.85	3.1	2.799	98.5
552	11/6/2008 7:16	12.12	51.031	33.41	8.57	7.86	2.9	2.817	98.3
553	11/6/2008 7:31	12.19	50.852	33.29	8.54	7.83	3.4	2.821	98
554	11/6/2008 7:46	12.11	50.982	33.38	8.53	7.83	2.8	2.833	97.9
555	11/6/2008 8:01	12.11	50.952	33.35	8.54	7.83	2.9	2.822	97.9
556	11/6/2008 8:16	12.09	50.996	33.39	8.56	7.83	2.7	2.801	98.1
557	11/6/2008 8:31	12.11	50.87	33.3	8.55	7.83	2.8	2.769	98
558	11/6/2008 8:46	12.17	50.821	33.26	8.5	7.83	3.1	2.728	97.6
559	11/6/2008 9:01	12.24	50.782	33.24	8.41	7.82	3.5	2.685	96.6
560	11/6/2008 9:16	12.3	50.874	33.31	8.32	7.81	3.4	2.638	95.8
561	11/6/2008 9:31	12.32	51.293	33.61	8.33		3.4	2.586	96.2
562	11/6/2008 9:46	12.36	50.77	33.23	8.34	7.84	3.6	2.537	96.1
563	11/6/2008 10:01	12.39	50.748	33.22	8.33	7.81	3.1	2.493	96.1
564	11/6/2008 10:16	12.42	50.753	33.22	8.32	7.81	2.9	2.438	95.9
565	11/6/2008 10:31	12.45	50.802	33.26	8.33	7.81	2.9	2.4	96.2
566	11/6/2008 10:46	12.49	50.819	33.28	8.34	7.81	3.7	2.358	96.3
567	11/6/2008 11:01	12.51	49.783	32.52	8.36	7.93	3.1	2.324	96.2
568	11/6/2008 11:16	12.55	50.682	33.18	8.27	7.81	2.7	2.296	95.6
569	11/6/2008 11:31	12.59	50.441	33	8.37	7.82	2.7	2.27	96.8
570	11/6/2008 11:46	12.62	50.353	32.94	8.4	7.82	2.6	2.238	97.1
571	11/6/2008 12:01	12.62	50.437	33	8.46	7.83	2.3	2.214	97.9
572	11/6/2008 12:16	12.65	50.451	33.01	8.51	7.83	2.6	2.2	98.5
573	11/6/2008 12:31	12.67	50.394	32.97	8.53	7.83	2.2	2.179	98.8
574	11/6/2008 12:46	12.7	50.026	32.71	8.53	7.83	1.7	2.177	98.6
575	11/6/2008 13:01	12.68	50.322	32.92	8.35	7.83	1.1	2.165	96.6
576	11/6/2008 13:16	12.71	50.456	33.02	8.44	7.83	2.5	2.174	97.9
577	11/6/2008 13:31	12.74	50.605	33.13	8.44	7.84	2.4	2.182	98
578	11/6/2008 13:46	12.65	50.462	33.02	8.36	7.82	2.6	2.194	96.8
579	11/6/2008 14:01	12.65	50.5	33.05	8.33	7.81	2.6	2.214	96.5
580	11/6/2008 14:16	12.64	50.514	33.06	8.35	7.82	2.7	2.235	96.7
581	11/6/2008 14:31	12.65	50.63	33.14	8.35	7.81	2.7	2.27	96.7
582	11/6/2008 14:46	12.95	50.567	33.11	8.41	7.82	2.9	2.299	98
583	11/6/2008 15:01	12.88	50.381	32.97	8.41	7.82	2.9	2.333	97.8
584	11/6/2008 15:16	12.81	50.213	32.85	8.41	7.81	2.9	2.379	97.6
585	11/6/2008 15:31	12.89	50.508	33.07	8.49	7.85	2.9	2.418	98.8
586	11/6/2008 15:46	12.63	50.65	33.16	8.45	7.82	2.6	2.456	97.8
587	11/6/2008 16:01	12.54	50.404	32.98	8.44	7.82	2.5	2.495	97.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
588	11/6/2008 16:16	12.49	50.497	33.04	8.45	7.82	2.7	2.537	97.5
589	11/6/2008 16:31	12.47	50.707	33.19	8.44	7.82	2.6	2.572	97.4
590	11/6/2008 16:46	12.44	50.717	33.2	8.48	7.82	2.6	2.608	97.8
591	11/6/2008 17:01	12.43	50.783	33.25	8.48	7.82	2.6	2.642	97.8
592	11/6/2008 17:16	12.42	50.772	33.24	8.49	7.82	2.3	2.668	97.9
593	11/6/2008 17:31	12.41	50.861	33.3	8.51	7.83	2.3	2.7	98.2
594	11/6/2008 17:46	12.41	50.675	33.17	8.52	7.83	2.5	2.72	98.2
595	11/6/2008 18:01	12.43	50.981	33.39	8.4	7.82	1.8	2.724	97.1
596	11/6/2008 18:16	12.41	50.932	33.35	8.46	7.82	1.9	2.736	97.6
597	11/6/2008 18:31	12.42	50.985	33.39	8.44	7.82	2	2.742	97.5
598	11/6/2008 18:46	12.43	50.837	33.29	8.47	7.82	2.2	2.721	97.8
599	11/6/2008 19:01	12.47	50.936	33.36	8.47	7.82	2.1	2.7	97.9
600	11/6/2008 19:16	12.51	50.785	33.25	8.47	7.82	2.1	2.674	98
601	11/6/2008 19:31	12.53	50.46	33.02	8.43	7.82	2.4	2.638	97.4
602	11/6/2008 19:46	12.59	50.493	33.04	8.44	7.82	2.7	2.584	97.6
603	11/6/2008 20:01	12.68	50.739	33.23	8.46	7.85	2.9	2.531	98.2
604	11/6/2008 20:16	12.94	50.421	33	8.6	7.84	3.6	2.487	100.1
605	11/6/2008 20:31	13.06	50.467	33.04	8.73	7.85	3.4	2.416	102
606	11/6/2008 20:46	13.15	50.417	33.01	8.88	7.85	3.5	2.35	103.9
607	11/6/2008 21:01	13.18	50.731	33.24	8.9	7.88	3.5	2.288	104.3
608	11/6/2008 21:16	13.32	50.147	32.82	9.02	7.88	3.8	2.227	105.7
609	11/6/2008 21:31	13.42	50.338	32.96	9.05	7.92	4	2.142	106.4
610	11/6/2008 21:46	13.25	50.389	32.99	9.11	7.91	3.8	2.079	106.7
611	11/6/2008 22:01	13.15	50.401	33	8.99	7.9	3.8	2.009	105.2
612	11/6/2008 22:16	13.05	50.22	32.86	8.95	7.9	3.7	1.928	104.4
613	11/6/2008 22:31	13.06	50.344	32.95	8.97	7.87	3.6	1.858	104.6
614	11/6/2008 22:46	13.12	50.196	32.85	9.06	7.91	3.5	1.777	105.8
615	11/6/2008 23:01	13.18	50.728	33.24	9.14		3.4	1.713	107.1
616	11/6/2008 23:16	13.24	50.33	32.95	9.09	7.9	3.5	1.651	106.4
617	11/6/2008 23:31	13.2	50.187	32.84	9.1	7.88	3.3	1.59	106.5
618	11/6/2008 23:46	13.22	49.988	32.7	9.19	7.89	3.3	1.534	107.4
619	11/7/2008 0:01	13.24	50.081	32.77	9.17	7.92	3.1	1.49	107.3
620	11/7/2008 0:16	13.22	49.918	32.65	9.17	7.89	3.4	1.456	107.1
621	11/7/2008 0:31	13.24	50.2	32.85	9.14	7.89	3.4	1.417	107
622	11/7/2008 0:46	13.23	49.943	32.67	9.18	7.89	2.9	1.408	107.3
623	11/7/2008 1:01	13.27	50.026	32.73	9.15	7.92	3.2	1.41	107.1
624	11/7/2008 1:16	13.19	50.149	32.82	9.17	7.92	2.7	1.406	107.2
625	11/7/2008 1:31	13.18	49.843	32.59	9.2	7.92	3.1	1.413	107.3
626	11/7/2008 1:46	13.2	49.87	32.61	9.13	7.91	3.4	1.448	106.6
627	11/7/2008 2:01	13.19	50.339	32.95	9.14	7.88	3.4	1.487	106.9
628	11/7/2008 2:16	13.2	50.152	32.82	9.25	7.89	2.9	1.516	108.2
629	11/7/2008 2:31	13.19	49.389	32.26	9.25		3.2	1.568	107.7
630	11/7/2008 2:46	13.23	50.128	32.8	9.19	7.89	3.4	1.629	107.5
631	11/7/2008 3:01	13.2	50.018	32.72	9.2	7.91	3.2	1.686	107.5
632	11/7/2008 3:16	13.33	49.407	32.28	9.15	7.88	3.8	1.742	106.9
633	11/7/2008 3:31	13.22	49.796	32.56	9.12	7.88	3.6	1.809	106.5
634	11/7/2008 3:46	13.15	50.248	32.89	9.1	7.88	3.1	1.888	106.3
635	11/7/2008 4:01	13.14	50.163	32.82	9.05	7.87	3	1.943	105.7
636	11/7/2008 4:16	13.11	50.128	32.8	8.94	7.86	3	2.009	104.4

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
637	11/7/2008 4:31	13.06	50.281	32.91	8.81	7.85	3.5	2.078	102.8
638	11/7/2008 4:46	12.97	50.397	32.99	8.67	7.84	3.2	2.144	101
639	11/7/2008 5:01	12.92	50.316	32.93	8.62	7.83	3.3	2.214	100.3
640	11/7/2008 5:16	12.83	50.595	33.13	8.56	7.85	3.5	2.277	99.5
641	11/7/2008 5:31	12.79	50.578	33.11	8.54	7.83	3.8	2.348	99.2
642	11/7/2008 5:46	12.75	50.612	33.14	8.53	7.83	4	2.411	99
643	11/7/2008 6:01	12.69	50.761	33.24	8.49	7.85	4	2.481	98.5
644	11/7/2008 6:16	12.64	50.395	32.97	8.48	7.82	3.5	2.542	98.1
645	11/7/2008 6:31	12.61	50.759	33.24	8.44	7.82	3.8	2.599	97.7
646	11/7/2008 6:46	12.53	50.367	32.95	8.48	7.82	4.2	2.674	97.9
647	11/7/2008 7:01	12.4	50.891	33.32	8.52	7.82	4.1	2.722	98.3
648	11/7/2008 7:16	12.34	50.881	33.31	8.54	7.82	3.9	2.774	98.4
649	11/7/2008 7:31	12.3	50.922	33.34	8.57	7.82	4	2.828	98.7
650	11/7/2008 7:46	12.24	50.932	33.35	8.58	7.83	3.2	2.872	98.7
651	11/7/2008 8:01	12.23	50.962	33.37	8.57	7.86	2.9	2.89	98.6
652	11/7/2008 8:16	12.35	51.044	33.43	8.47	7.85	2.5	2.907	97.7
653	11/7/2008 8:31	12.34	50.917	33.34	8.42	7.85	2.8	2.922	97
654	11/7/2008 8:46	12.22	51.413	33.7	8.51		2.9	2.913	98
655	11/7/2008 9:01	12.19	50.917	33.33	8.58	7.86	2.6	2.879	98.6
656	11/7/2008 9:16	12.24	51.001	33.4	8.53	7.85	3.1	2.839	98.1
657	11/7/2008 9:31	12.39	50.697	33.18	8.42	7.84	3.1	2.803	97
658	11/7/2008 9:46	12.52	50.878	33.32	8.35	7.81	3.2	2.738	96.6
659	11/7/2008 10:01	12.61	50.518	33.06	8.4	7.82	3.5	2.682	97.2
660	11/7/2008 10:16	12.67	50.287	32.9	8.44	7.82	3.4	2.624	97.6
661	11/7/2008 10:31	12.7	50.567	33.1	8.48	7.82	3.3	2.549	98.3
662	11/7/2008 10:46	12.73	50.619	33.14	8.47	7.82	3.2	2.485	98.3
663	11/7/2008 11:01	12.88	50.566	33.11	8.55	7.83	3.1	2.436	99.5
664	11/7/2008 11:16	12.92	50.483	33.05	8.51	7.82	3.2	2.375	99.1
665	11/7/2008 11:31	13	50.628	33.16	8.62	7.85	3.1	2.31	100.6
666	11/7/2008 11:46	13.05	50.627	33.16	8.59	7.85	2.9	2.27	100.3
667	11/7/2008 12:01	13.16	50.528	33.09	8.69	7.86	2.8	2.218	101.7
668	11/7/2008 12:16	13.3	50.475	33.06	8.77	7.85	2.7	2.159	103
669	11/7/2008 12:31	13.4	50.475	33.06	8.97	7.86	3.2	2.107	105.5
670	11/7/2008 12:46	13.46	50.27	32.91	9.05	7.86	2.9	2.066	106.5
671	11/7/2008 13:01	13.5	50.302	32.94	9.11	7.87	2.6	2.021	107.2
672	11/7/2008 13:16	13.57	50.182	32.85	9.17	7.87	2.4	1.985	108
673	11/7/2008 13:31	13.59	50.347	32.97	9.2	7.9	2.4	1.958	108.5
674	11/7/2008 13:46	13.62	50.276	32.92	9.11	7.89	2	1.94	107.5
675	11/7/2008 14:01	13.81	50.325	32.97	9.19	7.88	1.6	1.931	109
676	11/7/2008 14:16	13.68	49.412	32.3	9.15	7.91	2.6	1.929	107.7
677	11/7/2008 14:31	13.63	50.311	32.95	9.12	7.9	2.4	1.945	107.6
678	11/7/2008 14:46	13.57	50.323	32.96	9.02	7.86	2.3	1.955	106.4
679	11/7/2008 15:01	13.5	50.52	33.1	8.95	7.88	2.8	1.971	105.5
680	11/7/2008 15:16	13.54	50.54	33.11	8.9	7.87	2.8	2.009	105
681	11/7/2008 15:31	13.49	50.17	32.84	8.81	7.87	2.9	2.051	103.6
682	11/7/2008 15:46	13.37	50.354	32.97	8.68	7.84	2.7	2.096	102
683	11/7/2008 16:01	13.49	50.241	32.89	8.73	7.86	2.9	2.133	102.7
684	11/7/2008 16:16	13.41	50.314	32.94	8.64	7.83	2.8	2.174	101.5
685	11/7/2008 16:31	13.35	50.32	32.95	8.6	7.85	2.6	2.237	100.9

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
686	11/7/2008 16:46	13.23	50.601	33.15	8.57	7.85	2.7	2.273	100.5
687	11/7/2008 17:01	13.12	50.516	33.08	8.5	7.84	2.7	2.305	99.4
688	11/7/2008 17:16	13.05	50.537	33.09	8.5	7.84	2.6	2.357	99.2
689	11/7/2008 17:31	12.97	50.703	33.21	8.5	7.84	2.6	2.411	99.2
690	11/7/2008 17:46	12.94	50.593	33.13	8.51	7.82	2.5	2.44	99.2
691	11/7/2008 18:01	12.91	50.625	33.15	8.53	7.85	2.3	2.483	99.3
692	11/7/2008 18:16	12.83	50.475	33.04	8.54	7.82	2.3	2.53	99.2
693	11/7/2008 18:31	12.76	50.865	33.32	8.53	7.85	2.3	2.573	99.2
694	11/7/2008 18:46	12.74	50.91	33.35	8.55	7.85	2.5	2.603	99.3
695	11/7/2008 19:01	12.72	50.559	33.1	8.52	7.82	2.3	2.635	98.8
696	11/7/2008 19:16	12.74	50.911	33.35	8.49	7.85	2.4	2.675	98.7
697	11/7/2008 19:31	12.71	50.981	33.4	8.48	7.85	1.8	2.688	98.5
698	11/7/2008 19:46	12.75	50.716	33.21	8.44	7.85	2.1	2.698	98
699	11/7/2008 20:01	12.7	50.752	33.24	8.47	7.82	1.8	2.697	98.3
700	11/7/2008 20:16	12.7	50.814	33.28	8.49	7.85	2.1	2.684	98.5
701	11/7/2008 20:31	12.69	50.856	33.31	8.5	7.85	2.1	2.654	98.6
702	11/7/2008 20:46	12.71	50.726	33.22	8.5	7.85	2	2.608	98.6
703	11/7/2008 21:01	12.82	51.188	33.56	8.46		2.5	2.566	98.6
704	11/7/2008 21:16	13	50.507	33.07	8.49	7.85	3.1	2.493	99
705	11/7/2008 21:31	13.23	50.511	33.08	8.61	7.86	3.9	2.432	100.9
706	11/7/2008 21:46	13.27	50.649	33.18	8.59	7.86	4	2.368	100.9
707	11/7/2008 22:01	13.35	50.633	33.18	8.65	7.87	4	2.292	101.7
708	11/7/2008 22:16	13.37	50.218	32.87	8.8	7.87	3.8	2.226	103.3
709	11/7/2008 22:31	13.47	49.539	32.38	8.84	7.9	4	2.15	103.6
710	11/7/2008 22:46	13.43	50.638	33.18	8.88	7.89	4	2.085	104.6
711	11/7/2008 23:01	13.41	50.23	32.88	8.98	7.86	4.5	2.009	105.5
712	11/7/2008 23:16	13.33	50.379	32.99	8.82	7.87	3.8	1.923	103.5
713	11/7/2008 23:31	13.39	50.201	32.86	8.94	7.86	3.5	1.858	105
714	11/7/2008 23:46	13.42	50.171	32.84	9.06	7.88	3.5	1.773	106.5
715	11/8/2008 0:01	13.64	49.992	32.72	9.33	7.91	3.7	1.699	110.1
716	11/8/2008 0:16	13.73	49.566	32.41	9.52	7.92	3.5	1.64	112.3
717	11/8/2008 0:31	13.76	49.993	32.72	9.59	7.93	3.2	1.582	113.3
718	11/8/2008 0:46	13.78	50.041	32.76	9.55	7.92	3.5	1.528	113
719	11/8/2008 1:01	13.79	50.11	32.81	9.51	7.92	3.6	1.471	112.5
720	11/8/2008 1:16	13.82	50.038	32.76	9.6	7.93	3.1	1.453	113.7
721	11/8/2008 1:31	13.87	50.156	32.84	9.67	7.94	2.9	1.414	114.6
722	11/8/2008 1:46	13.94	50.139	32.83	9.83	7.97	2.4	1.392	116.7
723	11/8/2008 2:01	13.96	50.22	32.89	9.82	7.97	2.6	1.365	116.6
724	11/8/2008 2:16	13.91	49.934	32.68	9.75	7.96	2.9	1.393	115.5
725	11/8/2008 2:31	13.82	49.98	32.71	9.64	7.93	3.1	1.427	114
726	11/8/2008 2:46	13.77	49.96	32.7	9.59	7.92	3.3	1.467	113.4
727	11/8/2008 3:01	13.74	50.061	32.77	9.58	7.92	3.3	1.506	113.2
728	11/8/2008 3:16	13.71	50.067	32.77	9.49	7.91	3.4	1.585	112.1
729	11/8/2008 3:31	13.74	49.856	32.62	9.38	7.91	4.1	1.646	110.7
730	11/8/2008 3:46	13.71	50.11	32.81	9.36	7.93	4	1.685	110.6
731	11/8/2008 4:01	13.69	49.929	32.67	9.32	7.92	3.5	1.77	110
732	11/8/2008 4:16	13.65	50.14	32.83	9.25	7.92	3.4	1.819	109.2
733	11/8/2008 4:31	13.59	49.851	32.61	9.13	7.88	3.4	1.878	107.5
734	11/8/2008 4:46	13.57	49.831	32.6	9.05	7.88	3.2	1.955	106.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
735	11/8/2008 5:01	13.48	50.129	32.81	8.89	7.86	3.4	2.021	104.6
736	11/8/2008 5:16	13.3	50.262	32.9	8.68	7.84	3.7	2.102	101.8
737	11/8/2008 5:31	13.19	50.272	32.91	8.59	7.83	3.8	2.174	100.5
738	11/8/2008 5:46	13.15	50.302	32.93	8.57	7.83	4	2.249	100.2
739	11/8/2008 6:01	13.11	50.518	33.08	8.55	7.83	4.2	2.324	100
740	11/8/2008 6:16	13.05	50.525	33.08	8.52	7.85	4.3	2.393	99.5
741	11/8/2008 6:31	12.94	50.519	33.08	8.49	7.82	4.3	2.473	98.9
742	11/8/2008 6:46	12.88	50.672	33.18	8.46	7.84	4.8	2.532	98.5
743	11/8/2008 7:01	12.8	50.658	33.17	8.46	7.82	4.3	2.606	98.3
744	11/8/2008 7:16	12.73	50.583	33.11	8.48	7.82	5.4	2.682	98.4
745	11/8/2008 7:31	12.62	50.621	33.14	8.52	7.82	5.6	2.748	98.6
746	11/8/2008 7:46	12.44	50.848	33.29	8.61	7.86	5.1	2.81	99.4
747	11/8/2008 8:01	12.39	50.927	33.35	8.63	7.86	4.3	2.866	99.5
748	11/8/2008 8:16	12.35	50.802	33.26	8.7	7.86	3.7	2.928	100.2
749	11/8/2008 8:31	12.34	50.924	33.34	8.68	7.86	3.7	2.962	100
750	11/8/2008 8:46	12.3	50.876	33.31	8.69	7.83	3.1	3.005	100
751	11/8/2008 9:01	12.3	50.728	33.2	8.66	7.84	2.7	3.01	99.6
752	11/8/2008 9:16	12.41	50.474	33.02	8.58	7.83	3.4	3.02	98.8
753	11/8/2008 9:31	12.3	50.71	33.19	8.68	7.83	2.8	3.003	99.9
754	11/8/2008 9:46	12.3	50.763	33.23	8.69	7.83	2.9	2.969	100
755	11/8/2008 10:01	12.34	50.683	33.17	8.66	7.83	2.9	2.927	99.7
756	11/8/2008 10:16	12.63	50.886	33.33	8.49	7.85	3.1	2.855	98.4
757	11/8/2008 10:31	12.77	50.693	33.2	8.48	7.85	3.6	2.782	98.5
758	11/8/2008 10:46	12.76	50.848	33.31	8.51	7.85	3.6	2.715	98.9
759	11/8/2008 11:01	12.81	50.434	33.01	8.55	7.85	3.8	2.633	99.3
760	11/8/2008 11:16	12.92	50.303	32.92	8.54	7.86	3.9	2.542	99.4
761	11/8/2008 11:31	12.96	50.374	32.97	8.53	7.82	4.4	2.462	99.3
762	11/8/2008 11:46	13.18	50.188	32.84	8.56	7.87	3.6	2.389	100.1
763	11/8/2008 12:01	13.23	50.335	32.95	8.5	7.82	3.6	2.31	99.5
764	11/8/2008 12:16	13.3	50.015	32.72	8.52	7.83	3.4	2.233	99.8
765	11/8/2008 12:31	13.34	50.315	32.94	8.59	7.83	3	2.15	100.8
766	11/8/2008 12:46	13.39	50.271	32.91	8.66	7.84	3	2.088	101.7
767	11/8/2008 13:01	13.39	50.388	33	8.76	7.85	2.8	2.025	102.9
768	11/8/2008 13:16	13.43	50.803	33.3	8.91	7.88	2.8	1.931	105
769	11/8/2008 13:31	13.51	50.126	32.81	9.05	7.9	2.8	1.865	106.5
770	11/8/2008 13:46	13.56	50.179	32.85	9.14	7.88	2.6	1.826	107.7
771	11/8/2008 14:01	13.59	50.194	32.86	9.19	7.88	2.4	1.767	108.3
772	11/8/2008 14:16	13.71	50.086	32.79	9.23	7.89	2.2	1.693	109
773	11/8/2008 14:31	13.73	50.113	32.81	9.21	7.89	2.1	1.679	108.9
774	11/8/2008 14:46	13.74	50.106	32.8	9.18	7.89	1.8	1.669	108.6
775	11/8/2008 15:01	13.77	50.164	32.85	9.12	7.89	3.8	1.659	107.9
776	11/8/2008 15:16	13.78	49.767	32.56	9.16	7.9	3.1	1.665	108.2
777	11/8/2008 15:31	13.74	50.025	32.74	9.07	7.88	6.5	1.687	107.2
778	11/8/2008 15:46	13.71	50.29	32.94	9.04	7.91	5.1	1.725	106.8
779	11/8/2008 16:01	13.66	50.552	33.13	8.98		5.4	1.756	106.2
780	11/8/2008 16:16	13.63	49.951	32.69	8.98	7.9	4	1.791	105.8
781	11/8/2008 16:31	13.61	49.973	32.7	8.94	7.86	3.7	1.813	105.3
782	11/8/2008 16:46	13.62	49.816	32.59	8.84	7.89	4.6	1.871	104.1
783	11/8/2008 17:01	13.56	49.812	32.58	8.78	7.85	4.2	1.929	103.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
784	11/8/2008 17:16	13.51	50.043	32.75	8.74	7.88	4.2	1.968	102.8
785	11/8/2008 17:31	13.47	50.314	32.95	8.69	7.87	4.2	2.027	102.3
786	11/8/2008 17:46	13.4	50.17	32.84	8.65	7.86	3.6	2.092	101.6
787	11/8/2008 18:01	13.37	50.145	32.82	8.61	7.86	4.1	2.144	101
788	11/8/2008 18:16	13.31	50.185	32.85	8.57	7.86	4.4	2.198	100.4
789	11/8/2008 18:31	13.23	50.341	32.96	8.55	7.85	3.4	2.266	100.1
790	11/8/2008 18:46	13.13	50.561	33.11	8.53	7.85	3.2	2.323	99.8
791	11/8/2008 19:01	13.09	50.393	32.99	8.53	7.85	3.2	2.381	99.6
792	11/8/2008 19:16	13.08	50.397	32.99	8.5	7.85	3.2	2.415	99.3
793	11/8/2008 19:31	13.05	50.562	33.11	8.5	7.85	3.1	2.476	99.3
794	11/8/2008 19:46	12.98	50.583	33.12	8.49	7.85	3.2	2.517	99
795	11/8/2008 20:01	12.92	50.497	33.06	8.49	7.85	3	2.567	98.8
796	11/8/2008 20:16	12.88	50.56	33.1	8.49	7.85	2.9	2.609	98.8
797	11/8/2008 20:31	12.86	50.687	33.2	8.46	7.85	2.8	2.641	98.5
798	11/8/2008 20:46	12.82	50.622	33.15	8.44	7.85	2.6	2.664	98.1
799	11/8/2008 21:01	12.81	49.666	32.45	8.41	7.87	1.5	2.672	97.3
800	11/8/2008 21:16	12.9	50.5	33.06	8.34	7.85	2.4	2.699	97
801	11/8/2008 21:31	12.79	50.558	33.1	8.44	7.85	2.6	2.681	98
802	11/8/2008 21:46	12.77	50.704	33.2	8.43	7.85	3.2	2.655	97.9
803	11/8/2008 22:01	12.77	49.675	32.45	8.47	7.85	2.4	2.635	98
804	11/8/2008 22:16	12.88	50.518	33.07	8.38	7.81	3.2	2.568	97.5
805	11/8/2008 22:31	12.98	50.083	32.76	8.39	7.82	3.5	2.504	97.6
806	11/8/2008 22:46	13.01	50.395	32.99	8.32	7.84	4.1	2.458	97
807	11/8/2008 23:01	13.05	50.442	33.02	8.34	7.85	4	2.374	97.3
808	11/8/2008 23:16	13.09	50.063	32.75	8.33	7.85	4.3	2.299	97.2
809	11/8/2008 23:31	13.16	50.071	32.76	8.35	7.82	4.5	2.197	97.5
810	11/8/2008 23:46	13.2	50.091	32.77	8.34	7.82	5.1	2.116	97.5
811	11/9/2008 0:01	13.17	50.136	32.81	8.25	7.85	4.8	2.05	96.5
812	11/9/2008 0:16	13.23	50.064	32.76	8.27	7.85	4.8	1.983	96.8
813	11/9/2008 0:31	13.2	50.021	32.72	8.28	7.85	5	1.896	96.7
814	11/9/2008 0:46	13.18	50.189	32.84	8.28	7.85	4.4	1.838	96.8
815	11/9/2008 1:01	13.24	50.088	32.77	8.39	7.86	4.5	1.745	98.1
816	11/9/2008 1:16	13.37	50.089	32.78	8.4	7.88	3.9	1.675	98.6
817	11/9/2008 1:31	13.38	49.834	32.59	8.37	7.88	3.7	1.611	98.1
818	11/9/2008 1:46	13.46	49.643	32.46	8.4	7.86	3.6	1.556	98.6
819	11/9/2008 2:01	13.47	49.933	32.67	8.38	7.88	3.5	1.511	98.4
820	11/9/2008 2:16	13.49	49.61	32.43	8.35	7.89	3.2	1.496	98
821	11/9/2008 2:31	13.46	49.671	32.48	8.29	7.88	2.5	1.46	97.3
822	11/9/2008 2:46	13.49	49.515	32.36	8.31	7.89	3.1	1.444	97.5
823	11/9/2008 3:01	13.47	49.675	32.48	8.33	7.85	3.4	1.446	97.7
824	11/9/2008 3:16	13.46			8.36	7.9	3.7	1.479	97.7
825	11/9/2008 3:31	13.43	49.59	32.42	8.35	7.89	3.8	1.52	97.9
826	11/9/2008 3:46	13.4	49.723	32.51	8.35	7.88	3.6	1.544	97.8
827	11/9/2008 4:01	13.45			8.52	7.88	3.5	1.615	98.5
828	11/9/2008 4:16	13.39			8.47	7.87	3.9	1.672	97.2
829	11/9/2008 4:31	13.4			8.51	7.87	3.5	1.754	97.8
830	11/9/2008 4:46	13.39			8.47	7.83	3.7	1.811	97.3
831	11/9/2008 5:01	13.38			8.38	7.86	4	1.886	96.7
832	11/9/2008 5:16	13.36			8.45	7.85	3.5	1.961	96.6

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
833	11/9/2008 5:31	13.31			8.42	7.85	3.5	2.026	96.4
834	11/9/2008 5:46	13.24			8.41	7.85	3.6	2.119	96.2
835	11/9/2008 6:01	13.17			8.48	7.85	3.7	2.185	97.1
836	11/9/2008 6:16	13.12			8.52	7.85	3.4	2.257	97.4
837	11/9/2008 6:31	13.12			8.55	7.85	3.8	2.333	97.6
838	11/9/2008 6:46	13.06			8.55	7.88	4.5	2.406	97.6
839	11/9/2008 7:01	12.96			8.53	7.88	4.3	2.473	97.3
840	11/9/2008 7:16	12.88			8.55	7.88	4.9	2.582	97.2
841	11/9/2008 7:31	12.82			8.44	7.88	5.6	2.643	97.1
842	11/9/2008 7:46	12.71			8.51	7.81	5.8	2.697	97.5
843	11/9/2008 8:01	12.66			8.52	7.88	6.1	2.8	97.6
844	11/9/2008 8:16	12.47			8.61	7.9	6.3	2.872	98.3
845	11/9/2008 8:31	12.36			8.67	7.87	6.1	2.945	99
846	11/9/2008 8:46	12.29			8.73	7.91	6	3.011	99.4
847	11/9/2008 9:01	12.26			8.8	7.91	4.7	3.049	100
848	11/9/2008 9:16	12.29			8.75	7.83	4.1	3.13	99.5
849	11/9/2008 9:31	12.27			8.7	7.86	3.8	3.134	99
850	11/9/2008 9:46	12.36			8.73	7.82	3.8	3.148	98.7
851	11/9/2008 10:01	12.27			8.84	7.91	3.5	3.138	99.5
852	11/9/2008 10:16	12.23			8.94	7.91	3.8	3.107	100.3
853	11/9/2008 10:31	12.39			8.81	7.9	3.5	3.048	99.2
854	11/9/2008 10:46	12.43			8.79	7.82	3.5	2.973	99
855	11/9/2008 11:01	12.63			8.74	7.9	3.4	2.915	98.9
856	11/9/2008 11:16	12.67			8.71	7.82	3.4	2.816	98.6
857	11/9/2008 11:31	12.7			8.68	7.82	3.7	2.767	98.2
858	11/9/2008 11:46	12.74			8.57	7.81	3.7	2.684	97.5
859	11/9/2008 12:01	12.84			8.53	7.81	4.8	2.549	97.2
860	11/9/2008 12:16	12.97			8.48	7.81	4.2	2.49	96.7
861	11/9/2008 12:31	13.08			8.46	7.85	4.3	2.388	96.6
862	11/9/2008 12:46	13.12			8.46	7.88	4.9	2.295	96.6
863	11/9/2008 13:01	13.14			8.5	7.85	4	2.197	97
864	11/9/2008 13:16	13.16			8.54	7.89	3.6	2.083	98.2
865	11/9/2008 13:31	13.15			8.99	7.91	3.1	1.949	102.7
866	11/9/2008 13:46	13.21			9	7.88	3.4	1.894	103
867	11/9/2008 14:01	13.29			9.04	7.89	3.4	1.765	103.9
868	11/9/2008 14:16	13.32			9.24	7.91	3.4	1.687	106.2
869	11/9/2008 14:31	13.43			9.25	7.91	3.4	1.612	106.2
870	11/9/2008 14:46	13.47			9.29	7.91	3	1.507	106.9
871	11/9/2008 15:01	13.53			9.27	7.92	2.7	1.441	106.8
872	11/9/2008 15:16	13.59			9.14	7.92	2.5	1.436	106
873	11/9/2008 15:31	13.63			9.12	7.91	2.3	1.366	105.4
874	11/9/2008 15:46	13.71			9.15	7.93	2.4	1.311	105.8
875	11/9/2008 16:01	13.73			9.13	7.93	2.1	1.335	105.3
876	11/9/2008 16:16	13.74			9.2	7.93	2.4	1.369	106.1
877	11/9/2008 16:31	13.68			9.12	7.92	2.4	1.401	105.2
878	11/9/2008 16:46	13.66			9.06	7.91	2.3	1.448	104.6
879	11/9/2008 17:01	13.66			9.01	7.91	2.4	1.478	103.7
880	11/9/2008 17:16	13.63			8.98	7.87	2.6	1.565	103.3
881	11/9/2008 17:31	13.59			8.87	7.86	3.6	1.638	101.9

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
882	11/9/2008 17:46	13.57			8.77	7.89	3.1	1.731	101.2
883	11/9/2008 18:01	13.54			8.72	7.88	3.2	1.816	100.6
884	11/9/2008 18:16	13.51			8.65	7.84	3.3	1.877	100.3
885	11/9/2008 18:31	13.47			8.64	7.84	3.1	1.922	100
886	11/9/2008 18:46	13.38			8.62	7.83	3.3	2.014	99.7
887	11/9/2008 19:01	13.27			8.58	7.87	3.3	2.096	99
888	11/9/2008 19:16	13.17			8.55	7.89	3.5	2.157	98.4
889	11/9/2008 19:31	13.15			8.63	7.89	3.7	2.235	98.1
890	11/9/2008 19:46	13.14			8.61	7.89	3.5	2.306	97.8
891	11/9/2008 20:01	13.1			8.6	7.89	3.4	2.368	97.8
892	11/9/2008 20:16	13.03			8.61	7.89	3.7	2.431	97.7
893	11/9/2008 20:31	12.97			8.61	7.89	3.8	2.485	97.5
894	11/9/2008 20:46	12.95			8.61	7.89	3.7	2.542	97.6
895	11/9/2008 21:01	12.92			8.61	7.89	3.4	2.59	97.5
896	11/9/2008 21:16	12.89			8.61	7.89	3.4	2.63	97.4
897	11/9/2008 21:31	12.87			8.61	7.89	3.5	2.67	97.4
898	11/9/2008 21:46	12.81			8.68	7.89	3.5	2.717	97.4
899	11/9/2008 22:01	12.76			8.71	7.89	3.2	2.741	97.5
900	11/9/2008 22:16	12.86			8.74	7.88	3.4	2.748	96.8
901	11/9/2008 22:31	12.81			8.73	7.89	3.1	2.745	96.9
902	11/9/2008 22:46	12.75			8.82	7.89	3.6	2.719	97.6
903	11/9/2008 23:01	12.78			8.75	7.89	2.9	2.676	97.1
904	11/9/2008 23:16	12.83			8.68	7.89	4	2.627	96.6
905	11/9/2008 23:31	12.85			8.66	7.89	4.9	2.548	96.1
906	11/9/2008 23:46	12.91			8.64	7.88	4.7	2.51	96.3
907	11/10/2008 0:01	12.92			8.64	7.88	4.4	2.414	96.2
908	11/10/2008 0:16	12.93			8.68	7.88	4.5	2.323	96.6
909	11/10/2008 0:31	12.99			8.68	7.88	5	2.246	96.8
910	11/10/2008 0:46	13			8.66	7.88	4.5	2.181	96.5
911	11/10/2008 1:01	13.03			8.68	7.89	4.3	2.077	96.9
912	11/10/2008 1:16	13.06			8.68	7.89	3.9	1.995	96.8
913	11/10/2008 1:31	13.01			8.66	7.88	3.7	1.935	96.6
914	11/10/2008 1:46	13.07			8.7	7.89	4	1.85	97.1
915	11/10/2008 2:01	13.07			8.66	7.89	3.7	1.766	96.6
916	11/10/2008 2:16	13.11			8.69	7.89	3.7	1.693	97
917	11/10/2008 2:31	13.16			8.68	7.86	3.4	1.641	97
918	11/10/2008 2:46	13.19			8.7	7.9	3.1	1.585	97.1
919	11/10/2008 3:01	13.19			8.65	7.88	3.1	1.525	96.6
920	11/10/2008 3:16	13.22			8.67	7.88	2.9	1.526	96.5
921	11/10/2008 3:31	13.23			8.69	7.89	2.5	1.544	96.2
922	11/10/2008 3:46	13.19			8.76	7.89	2.8	1.516	96.6
923	11/10/2008 4:01	13.19			8.85	7.89	2.7	1.543	96.9
924	11/10/2008 4:16	13.17			8.77	7.88	3	1.609	96.4
925	11/10/2008 4:31	13.21			8.68	7.86	3.1	1.658	95.7
926	11/10/2008 4:46	13.17			8.65	7.86	3.5	1.712	95.3
927	11/10/2008 5:01	13.13			8.59	7.85	3.9	1.807	94.6
928	11/10/2008 5:16	13.12			8.57	7.85	4.1	1.895	94.2
929	11/10/2008 5:31	13.09			8.6	7.85	4.1	1.963	94.4
930	11/10/2008 5:46	13.08			8.62	7.84	4.1	2.049	94.7

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc	Turbidity+	Depth		
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
931	11/10/2008 6:01	13.07			8.61	7.85		2.122	95
932	11/10/2008 6:16	13.02			8.68	7.92	4.1	2.199	95.5
933	11/10/2008 6:31	12.98			8.71	7.81	4	2.281	96
934	11/10/2008 6:46	12.96			8.78	7.84	4.3	2.358	96.2
935	11/10/2008 7:01	12.92			8.77	7.81	5.6	2.439	96.3
936	11/10/2008 7:16	12.83			8.77	7.82	5.6	2.529	96.5
937	11/10/2008 7:31	12.77			8.73	7.82	7.1	2.606	96.4
938	11/10/2008 7:46	12.73			8.76	7.83	7	2.694	96.7
939	11/10/2008 8:01	12.62			8.84	7.83	7.2	2.786	97.4
940	11/10/2008 8:16	12.5			8.93	7.84	10.3	2.87	98.3
941	11/10/2008 8:31	12.41			8.98	7.9	9.3	2.951	99.1
942	11/10/2008 8:46	12.22			9.19	7.88	10.8	3.035	100.9
943	11/10/2008 9:01	12.15			9.27	7.88	8.7	3.115	101.7
944	11/10/2008 9:16	12.11			9.3	7.92	8.4	3.187	101.9
945	11/10/2008 9:31	12.07			9.32	7.88	7.1	3.248	102
946	11/10/2008 9:46	12.07			9.29	7.88	5.6	3.285	101.5
947	11/10/2008 10:01	12.05			9.28	7.89	4.3	3.328	101.4
948	11/10/2008 10:16	12.15			9.17	7.92	4.4	3.335	100.4
949	11/10/2008 10:31	12.12			9.19	7.86	5.1	3.328	100.7
950	11/10/2008 10:46	12.06			9.27	7.87	4.9	3.302	101.6
951	11/10/2008 11:01	12.13			9.21	7.86	4.6	3.24	101
952	11/10/2008 11:16	12.34			9.17	7.86	5.5	3.167	100.9
953	11/10/2008 11:31	12.45			9.19	7.85	4.7	3.092	100.8
954	11/10/2008 11:46	12.44			9.19	7.91	5.1	2.977	101.1
955	11/10/2008 12:01	12.56			9.02	7.84	5.9	2.876	99.2
956	11/10/2008 12:16	12.58			8.92	7.85	6.7	2.773	98.2
957	11/10/2008 12:31	12.68			8.84	7.84	6.3	2.658	97.6
958	11/10/2008 12:46	12.81			8.77	7.85	5.7	2.532	97.2
959	11/10/2008 13:01	12.91			8.82	7.85	5.5	2.415	97.1
960	11/10/2008 13:16	12.95			8.81	7.85	4.9	2.32	97
961	11/10/2008 13:31	12.94			8.9	7.86	4.4	2.19	98.2
962	11/10/2008 13:46	12.91			9.16	7.87	4.4	2.052	100.9
963	11/10/2008 14:01	12.97			9.23	7.88	5.1	1.931	101.7
964	11/10/2008 14:16	13.01			9.27	7.88	5.1	1.819	102.3
965	11/10/2008 14:31	13.08			9.4	7.89	4.3	1.68	103.9
966	11/10/2008 14:46	13.12			9.64	7.92	4.3	1.561	106.5
967	11/10/2008 15:01	13.2			9.55	7.92	4.4	1.423	106.1
968	11/10/2008 15:16	13.27			9.57	7.91	4.3	1.317	106.1
969	11/10/2008 15:31	13.29			9.35	7.9	3.8	1.225	104.4
970	11/10/2008 15:46	13.32			9.3	7.9	4.2	1.142	103.7
971	11/10/2008 16:01	13.37			9.28	7.91	3.7	1.064	103.6
972	11/10/2008 16:16	13.43			9.32	7.92	3.5	1.036	104
973	11/10/2008 16:31	13.45			9.31	7.93	2.9	1.035	103.9
974	11/10/2008 16:46	13.44			9.34	7.92	3.4	1.027	104.2
975	11/10/2008 17:01	13.44			9.29	7.92	2.9	1.047	103.5
976	11/10/2008 17:16	13.43			9.31	7.92	2.7	1.098	103.8
977	11/10/2008 17:31	13.4			9.23	7.92	3.1	1.171	102.9
978	11/10/2008 17:46	13.39			9.19	7.91	2.9	1.241	102.5
979	11/10/2008 18:01	13.36			9.12	7.9	3.9	1.307	101.6

sonde #1			Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
980	11/10/2008 18:16	13.35			9.08	7.9	3.7	1.41	101.1
981	11/10/2008 18:31	13.32			9.01	7.89	4.1	1.498	100.4
982	11/10/2008 18:46	13.3			9.08	7.89	4.3	1.566	100.2
983	11/10/2008 19:01	13.28			9.06	7.88	4	1.66	100
984	11/10/2008 19:16	13.25			9	7.88	3.8	1.752	99.8
985	11/10/2008 19:31	13.22			8.92	7.87	3.7	1.834	99.2
986	11/10/2008 19:46	13.18			8.91	7.87	3.9	1.919	98.5
987	11/10/2008 20:01	13.11			8.78	7.85	4.9	2.017	97.6
988	11/10/2008 20:16	13.09			8.86	7.84	4.9	2.091	97.5
989	11/10/2008 20:31	13.05			8.85	7.85	4.7	2.178	97.3
990	11/10/2008 20:46	13.01			8.84	7.84	5.1	2.262	97.2
991	11/10/2008 21:01	12.97			8.82	7.85	4.8	2.33	97.1
992	11/10/2008 21:16	12.94			8.73	7.84	5.2	2.411	97
993	11/10/2008 21:31	12.9			8.9	7.85	5.7	2.485	97.1
994	11/10/2008 21:46	12.8			8.87	7.84	6.3	2.544	97.5
995	11/10/2008 22:01	12.76			8.94	7.84	6	2.622	97.7
996	11/10/2008 22:16	12.69			8.99	7.84	5.5	2.673	97.9
997	11/10/2008 22:31	12.64			9.01	7.86	5.9	2.725	98
998	11/10/2008 22:46	12.58			9.01	7.86	4.9	2.767	98
999	11/10/2008 23:01	12.47			9.1	7.87	3.8	2.796	98.5
1000	11/10/2008 23:16	12.56			8.9	7.86	3.7	2.802	97.3
1001	11/10/2008 23:31	12.45			9.04	7.87	4.1	2.8	98.2
1002	11/10/2008 23:46	12.48			9.05	7.87	4.2	2.766	98.5
1003	11/11/2008 0:01	12.54			9.1	7.87	4.2	2.729	98.2
1004	11/11/2008 0:16	12.75			8.7	7.84	5.4	2.678	94.4
1005	11/11/2008 0:31	12.83			8.66	7.84	5.5	2.592	93.7
1006	11/11/2008 0:46	12.84			8.7	7.83	6.1	2.509	94.5
1007	11/11/2008 1:01	12.8			8.81	7.84	5.6	2.446	95.2
1008	11/11/2008 1:16	12.77			8.76	7.84	5.2	2.358	94.9
1009	11/11/2008 1:31	12.79			8.76	7.84	5	2.252	94.9
1010	11/11/2008 1:46	12.8			8.69	7.84	4.6	2.174	94.1
1011	11/11/2008 2:01	12.9			8.68	7.82	4.8	2.109	94.1
1012	11/11/2008 2:16	12.89			8.7	7.83	4.8	2.031	94.2
1013	11/11/2008 2:31	12.87			8.7	7.82	4.8	1.932	94.2
1014	11/11/2008 2:46	12.88			8.67	7.82	4.5	1.862	93.9
1015	11/11/2008 3:01	12.92			8.65	7.85	4.4	1.805	93.8
1016	11/11/2008 3:16	12.92			8.63	7.84	3.8	1.737	93.6
1017	11/11/2008 3:31	12.99			8.57	7.83	3.5	1.681	93.2
1018	11/11/2008 3:46	12.98			8.54	7.83	3.4	1.638	92.8
1019	11/11/2008 4:01	13.01			8.53	7.83	2.9	1.648	92.8
1020	11/11/2008 4:16	12.99			8.48	7.85	3.2	1.632	92
1021	11/11/2008 4:31	12.98			8.52	7.85	3.4	1.618	92.6
1022	11/11/2008 4:46	12.99			8.54	7.85	3.1	1.653	92.9
1023	11/11/2008 5:01	12.97			8.56	7.85	3.8	1.728	93
1024	11/11/2008 5:16	13			8.62	7.83	3.7	1.767	93.7
1025	11/11/2008 5:31	12.98			8.6	7.85	3.8	1.839	93.4
1026	11/11/2008 5:46	12.94			8.51	7.84	4.6	1.923	92.3
1027	11/11/2008 6:01	12.93			8.51	7.84	4.5	2.005	92.2
1028	11/11/2008 6:16	12.92			8.57	7.84	4.6	2.086	93

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1029	11/11/2008 6:31	12.93			8.59	7.84	4.6	2.163	93.3
1030	11/11/2008 6:46	12.89			8.65	7.84	4.8	2.26	93.8
1031	11/11/2008 7:01	12.83			8.71	7.84	5.1	2.342	94.6
1032	11/11/2008 7:16	12.81			8.8	7.85	4.9	2.418	95.4
1033	11/11/2008 7:31	12.8			8.82	7.85	5.6	2.517	95.8
1034	11/11/2008 7:46	12.75			8.86	7.85	7.3	2.597	96.1
1035	11/11/2008 8:01	12.64			8.93	7.85	7.8	2.69	96.5
1036	11/11/2008 8:16	12.56			8.98	7.86	9.3	2.784	96.9
1037	11/11/2008 8:31	12.46			9.06	7.86	10.6	2.878	97.5
1038	11/11/2008 8:46	12.29			9.18	7.87	11	2.967	98.5
1039	11/11/2008 9:01	12.2			9.25	7.88	9.5	3.074	99.1
1040	11/11/2008 9:16	12.1			9.34	7.88	9.3	3.157	99.9
1041	11/11/2008 9:31	12.01			9.41	7.89	9.2	3.243	100.4
1042	11/11/2008 9:46	11.99			9.43	7.89	8.6	3.31	100.6
1043	11/11/2008 10:01	11.95			9.46	7.9	6.6	3.379	100.9
1044	11/11/2008 10:16	11.99			9.41	7.89	6	3.421	100.5
1045	11/11/2008 10:31	11.98			9.37	7.89	4.2	3.457	100
1046	11/11/2008 10:46	11.98			9.35	7.89	3.7	3.48	99.8
1047	11/11/2008 11:01	12.02			9.31	7.89	4.7	3.467	99.4
1048	11/11/2008 11:16	11.96			9.4	7.9	4.6	3.456	100.2
1049	11/11/2008 11:31	11.97			9.38	7.9	4.5	3.403	100.2
1050	11/11/2008 11:46	12.05			9.4	7.89	5.4	3.332	100.4
1051	11/11/2008 12:01	12.36			9.14	7.87	5.3	3.247	98.3
1052	11/11/2008 12:16	12.36			9.11	7.87	6	3.144	97.9
1053	11/11/2008 12:31	12.35			9.15	7.87	6.2	3.032	98.2
1054	11/11/2008 12:46	12.4			9.12	7.87	5.1	2.907	98
1055	11/11/2008 13:01	12.41			9.15	7.87	5.9	2.771	98.4
1056	11/11/2008 13:16	12.53			9.05	7.87	4.8	2.649	97.6
1057	11/11/2008 13:31	12.63			8.96	7.86	4.7	2.525	96.7
1058	11/11/2008 13:46	12.8			8.87	7.86	5.8	2.388	95.9
1059	11/11/2008 14:01	12.76			8.92	7.84	5.3	2.236	96.4
1060	11/11/2008 14:16	12.69			9.07	7.87	5.9	2.1	98.1
1061	11/11/2008 14:31	12.72			9.14	7.88	6.3	1.964	98.8
1062	11/11/2008 14:46	12.71			9.18	7.89	6.6	1.807	99.3
1063	11/11/2008 15:01	12.81			9.2	7.88	7.3	1.67	99.7
1064	11/11/2008 15:16	12.84			9.31	7.89	6.1	1.522	100.8
1065	11/11/2008 15:31	12.9			9.28	7.9	6	1.374	100.6
1066	11/11/2008 15:46	12.97			9.05	7.88	5.7	1.232	98.2
1067	11/11/2008 16:01	13			8.98	7.87	5.9	1.097	97.6
1068	11/11/2008 16:16	13.04			8.98	7.88	7.2	0.973	97.6
1069	11/11/2008 16:31	13.07			8.96	7.87	5.2	0.895	97.4
1070	11/11/2008 16:46	13.1			8.93	7.88	6.2	0.806	97.1
1071	11/11/2008 17:01	13.13			8.92	7.88	5.6	0.738	97.1
1072	11/11/2008 17:16	13.15			8.88	7.88	3.8	0.727	96.7
1073	11/11/2008 17:31	13.14			8.86	7.88	4.8	0.749	96.5
1074	11/11/2008 17:46	13.13			8.87	7.88	4	0.801	96.6
1075	11/11/2008 18:01	13.12			8.86	7.88	4.3	0.864	96.6
1076	11/11/2008 18:16	13.11			8.8	7.87	4.5	0.969	95.8
1077	11/11/2008 18:31	13.07			8.79	7.86	6.2	1.063	95.4

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	Turbidity+	Depth		
			mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1078	11/11/2008 18:46	13.06			8.75	7.86	6.8	1.124	95
1079	11/11/2008 19:01	13.04			8.74	7.85	6.7	1.242	94.8
1080	11/11/2008 19:16	13.02			8.71	7.85	6.7	1.335	94.2
1081	11/11/2008 19:31	13.04			8.75	7.86	5.3	1.402	94.9
1082	11/11/2008 19:46	13.03			8.76	7.86	4.9	1.475	95.1
1083	11/11/2008 20:01	13			8.8	7.86	4.8	1.599	95.3
1084	11/11/2008 20:16	12.97			8.8	7.85	4.8	1.713	95.3
1085	11/11/2008 20:31	12.95			8.77	7.86	5.1	1.799	95
1086	11/11/2008 20:46	12.93			8.79	7.85	5.6	1.925	95.2
1087	11/11/2008 21:01	12.93			8.81	7.85	6.2	2.017	95.4
1088	11/11/2008 21:16	12.91			8.81	7.85	7.4	2.113	95.6
1089	11/11/2008 21:31	12.86			8.83	7.85	6.6	2.221	95.6
1090	11/11/2008 21:46	12.83			8.84	7.85	7.2	2.321	95.7
1091	11/11/2008 22:01	12.8			8.86	7.85	7.2	2.398	95.8
1092	11/11/2008 22:16	12.75			8.88	7.85	7.9	2.469	96
1093	11/11/2008 22:31	12.66			8.94	7.85	8.2	2.543	96.4
1094	11/11/2008 22:46	12.59			9.01	7.86	8.3	2.623	97
1095	11/11/2008 23:01	12.48			9.12	7.86	8	2.691	98.1
1096	11/11/2008 23:16	12.39			9.27	7.87	7.7	2.747	99.5
1097	11/11/2008 23:31	12.33			9.35	7.88	6.7	2.817	100.2
1098	11/11/2008 23:46	12.32			9.33	7.88	6.2	2.853	100
1099	11/12/2008 0:01	12.25			9.36	7.88	5.1	2.88	100.2
1100	11/12/2008 0:16	12.22			9.29	7.88	4.2	2.898	99.9
1101	11/12/2008 0:31	12.29			9.24	7.88	4.6	2.916	99.4
1102	11/12/2008 0:46	12.22			9.36	7.88	4.7	2.867	100.5
1103	11/12/2008 1:01	12.23			9.36	7.88	5.2	2.832	100.4
1104	11/12/2008 1:16	12.45			9.08	7.86	5.7	2.767	97.7
1105	11/12/2008 1:31	12.52			8.98	7.86	6.8	2.693	96.6
1106	11/12/2008 1:46	12.61			8.88	7.85	7.2	2.61	95.9
1107	11/12/2008 2:01	12.64			8.83	7.85	6.7	2.509	95.1
1108	11/12/2008 2:16	12.68			8.79	7.84	7.5	2.425	94.9
1109	11/12/2008 2:31	12.71			8.7	7.84	6.3	2.344	93.9
1110	11/12/2008 2:46	12.77			8.59	7.83	6	2.274	92.9
1111	11/12/2008 3:01	12.83			8.53	7.83	5.9	2.168	92.2
1112	11/12/2008 3:16	12.84			8.49	7.82	5.7	2.089	91.9
1113	11/12/2008 3:31	12.81			8.53	7.82	5.1	2.044	92.3
1114	11/12/2008 3:46	12.85			8.54	7.83	4.8	1.966	92.3
1115	11/12/2008 4:01	12.87			8.48	7.82	4.7	1.876	91.9
1116	11/12/2008 4:16	12.88			8.46	7.82	4.6	1.828	91.4
1117	11/12/2008 4:31	12.94			8.4	7.83	4.3	1.791	91
1118	11/12/2008 4:46	12.95			8.33	7.82	4.1	1.771	90.1
1119	11/12/2008 5:01	12.96			8.2	7.81	3.1	1.757	88.8
1120	11/12/2008 5:16	12.96			8.14	7.81	3.7	1.758	88.3
1121	11/12/2008 5:31	12.95			8.29	7.82	3.6	1.774	89.8
1122	11/12/2008 5:46	12.93			8.3	7.81	4.1	1.824	89.8
1123	11/12/2008 6:01	12.95			8.39	7.82	4	1.879	90.8
1124	11/12/2008 6:16	12.92			8.4	7.81	5	1.961	90.7
1125	11/12/2008 6:31	12.91			8.33	7.81	6.2	2.049	89.8
1126	11/12/2008 6:46	12.9			8.3	7.81	5.3	2.141	90.1

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1127	11/12/2008 7:01	12.86			8.44	7.82	5.5	2.22	91.3
1128	11/12/2008 7:16	12.82			8.53	7.82	5.9	2.302	92.1
1129	11/12/2008 7:31	12.73			8.68	7.83	5.7	2.39	93.5
1130	11/12/2008 7:46	12.66			8.79	7.85	5.9	2.481	94.9
1131	11/12/2008 8:01	12.63			8.87	7.85	7	2.574	95.6
1132	11/12/2008 8:16	12.57			8.95	7.86	7.7	2.647	96.3
1133	11/12/2008 8:31	12.47			9.04	7.86	8.7	2.755	97.2
1134	11/12/2008 8:46	12.38			9.13	7.86	9.1	2.836	98
1135	11/12/2008 9:01	12.33			9.18	7.87	9.8	2.947	98.4
1136	11/12/2008 9:16	12.22			9.32	7.87	10.8	3.05	99.2
1137	11/12/2008 9:31	12.09			9.36	7.92	11.1	3.137	100.1
1138	11/12/2008 9:46	11.99			9.47	7.88	11.5	3.232	101
1139	11/12/2008 10:01	11.92			9.54	7.89	11.1	3.323	101.6
1140	11/12/2008 10:16	11.9			9.59	7.89	9.2	3.398	101.9
1141	11/12/2008 10:31	11.89			9.59	7.89	7.5	3.467	102
1142	11/12/2008 10:46	11.89			9.6	7.93	6	3.542	102
1143	11/12/2008 11:01	11.88			9.6	7.9	5.4	3.589	102.1
1144	11/12/2008 11:16	11.89			9.54	7.93	4.2	3.603	101.4
1145	11/12/2008 11:31	11.99			9.42	7.92	4.8	3.621	100.4
1146	11/12/2008 11:46	11.94			9.51	7.89	4.9	3.616	101.2
1147	11/12/2008 12:01	11.91			9.59	7.89	5	3.574	102
1148	11/12/2008 12:16	12.09			9.67	7.94	4.9	3.505	103.3
1149	11/12/2008 12:31	12.04			9.6	7.93	5.6	3.434	102.4
1150	11/12/2008 12:46	12.21			9.6	7.89	5.2	3.325	102.7
1151	11/12/2008 13:01	12.27			9.51	7.89	5.1	3.21	101.8
1152	11/12/2008 13:16	12.34			9.34	7.92	6.7	3.077	100.1
1153	11/12/2008 13:31	12.42			9.3		6.5	2.937	99.8
1154	11/12/2008 13:46	12.47			9.26		6	2.793	99.6
1155	11/12/2008 14:01	12.65			9.2	7.91	6.5	2.664	99.2
1156	11/12/2008 14:16	12.75			9.16	7.91	6.8	2.514	98.9
1157	11/12/2008 14:31	12.74			9.24	7.91	7.1	2.353	99.7
1158	11/12/2008 14:46	12.7			9.34		6.2	2.213	100.8
1159	11/12/2008 15:01	12.78			9.37		6.7	2.057	101.3
1160	11/12/2008 15:16	12.83			9.36		6.3	1.894	101.1
1161	11/12/2008 15:31	13			9.42	7.88	6.5	1.737	102.3
1162	11/12/2008 15:46	13.09			9.43		6.7	1.577	102.5
1163	11/12/2008 16:01	13.22			9.48		7.9	1.404	103.3
1164	11/12/2008 16:16	13.26			9.27	7.92	7.7	1.243	101
1165	11/12/2008 16:31	13.29			9.2		6.7	1.074	100.4
1166	11/12/2008 16:46	13.32			9.22		8.2	0.924	100.7
1167	11/12/2008 17:01	13.36			9.2	7.92	7	0.775	100.4
1168	11/12/2008 17:16	13.42			9.17	7.92	6.7	0.643	100.3
1169	11/12/2008 17:31	13.5			9.12	7.92	6	0.541	99.8
1170	11/12/2008 17:46	13.54			9.12	7.88	4.9	0.463	99.9
1171	11/12/2008 18:01	13.62			8.8	7.87	3.4	0.467	96.7
1172	11/12/2008 18:16	13.63			8.98	7.88	4.5	0.524	98.6
1173	11/12/2008 18:31	13.61			8.99	7.88	5.2	0.596	98.7
1174	11/12/2008 18:46	13.58			8.92	7.87	4.7	0.704	97.9
1175	11/12/2008 19:01	13.58			8.85	7.86	4.8	0.818	97.2

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1176	11/12/2008 19:16	13.57			8.8	7.89	5.2	0.9	96.5
1177	11/12/2008 19:31	13.59			8.74	7.88	6	0.967	95.8
1178	11/12/2008 19:46	13.56			8.73	7.84	5.6	1.04	95.5
1179	11/12/2008 20:01	13.52			8.75	7.88	5.6	1.14	95.7
1180	11/12/2008 20:16	13.51			8.74	7.84	5.7	1.211	95.5
1181	11/12/2008 20:31	13.49			8.76	7.84	5.5	1.305	95.7
1182	11/12/2008 20:46	13.42			8.84	7.85	5.5	1.411	96.5
1183	11/12/2008 21:01	13.38			8.84	7.84	5.9	1.53	96.4
1184	11/12/2008 21:16	13.33			8.79	7.88	6.4	1.64	95.9
1185	11/12/2008 21:31	13.27			8.77	7.88	7	1.771	95.7
1186	11/12/2008 21:46	13.24			8.81	7.88	7.4	1.899	96.2
1187	11/12/2008 22:01	13.22			8.83	7.88	8.2	1.996	96.3
1188	11/12/2008 22:16	13.17			8.91	7.88	8.1	2.114	96.3
1189	11/12/2008 22:31	13.12			8.89	7.84	8	2.224	96.1
1190	11/12/2008 22:46	13.03			8.94		8.7	2.314	96.4
1191	11/12/2008 23:01	12.98			8.98	7.85	9.8	2.4	96.6
1192	11/12/2008 23:16	12.87			9.04	7.89	9.9	2.487	97.2
1193	11/12/2008 23:31	12.73			9.1	7.89	11.2	2.571	98.3
1194	11/12/2008 23:46	12.58			9.36		9.9	2.628	100.1
1195	11/13/2008 0:01	12.54			9.46	7.91	10.8	2.708	100.9
1196	11/13/2008 0:16	12.49			9.5	7.87	10.5	2.773	101.2
1197	11/13/2008 0:31	12.46			9.51		8.9	2.824	101.2
1198	11/13/2008 0:46	12.39			9.51	7.91	7.3	2.877	101.1
1199	11/13/2008 1:01	12.37			9.49	7.92	6.3	2.903	100.8
1200	11/13/2008 1:16	12.37			9.39	7.87	5.9	2.926	99.9
1201	11/13/2008 1:31	12.38			9.43		5.9	2.903	100.6
1202	11/13/2008 1:46	12.34			9.52		6.5	2.865	101.2
1203	11/13/2008 2:01	12.37			9.49		6.2	2.805	100.9
1204	11/13/2008 2:16	12.72			9.14	7.89	7	2.749	97.7
1205	11/13/2008 2:31	12.68			9.13	7.89	9.5	2.664	97.7
1206	11/13/2008 2:46	12.71			9.1		9.5	2.571	97.6
1207	11/13/2008 3:01	12.78			9.03		9.2	2.466	96.9
1208	11/13/2008 3:16	12.87			8.91	7.88	8.3	2.407	95.7
1209	11/13/2008 3:31	12.89			8.87	7.87	6.7	2.324	95.3
1210	11/13/2008 3:46	13.01			8.74	7.83	7.3	2.237	94.1
1211	11/13/2008 4:01	13.06			8.66	7.83	6.3	2.149	93.3
1212	11/13/2008 4:16	13.05			8.66	7.86	5.4	2.088	93.3
1213	11/13/2008 4:31	13.06			8.7	7.82	5.7	2.03	93.8
1214	11/13/2008 4:46	13.14			8.62		5.2	1.945	93.1
1215	11/13/2008 5:01	13.18			8.56		4.9	1.905	92.4
1216	11/13/2008 5:16	13.25			8.46		4.9	1.878	91.3
1217	11/13/2008 5:31	13.27			8.37	7.84	4.4	1.83	90.4
1218	11/13/2008 5:46	13.32			8.26		3.8	1.835	89.4
1219	11/13/2008 6:01	13.29			8.21	7.84	4	1.836	89
1220	11/13/2008 6:16	13.25			8.4	7.84	4.3	1.867	90.8
1221	11/13/2008 6:31	13.22			8.42	7.84	4.8	1.895	90.9
1222	11/13/2008 6:46	13.23			8.48	7.85	4.5	1.959	91.8
1223	11/13/2008 7:01	13.2			8.49	7.85	6	2.031	91.7
1224	11/13/2008 7:16	13.23			8.43		6.6	2.108	91

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth
			mS/cm	ppt	mg/L		NTU	meters
1225	11/13/2008 7:31	13.16			8.49	7.81	5.9	2.19
1226	11/13/2008 7:46	13.09			8.68	7.82	6.9	2.289
1227	11/13/2008 8:01	12.99			8.73	7.86	6.9	2.377
1228	11/13/2008 8:16	12.83			8.91		7	2.448
1229	11/13/2008 8:31	12.74			9.06		6.8	2.546
1230	11/13/2008 8:46	12.72			9.11	7.89	7.8	2.64
1231	11/13/2008 9:01	12.65			9.19		8.1	2.737
1232	11/13/2008 9:16	12.54			9.28		9.2	2.832
1233	11/13/2008 9:31	12.43			9.35		10.6	2.922
1234	11/13/2008 9:46	12.35			9.37		10.2	3.01
1235	11/13/2008 10:01	12.12			9.44		12.9	3.117
1236	11/13/2008 10:16	11.98			9.49		12.3	3.21
1237	11/13/2008 10:31	11.94			9.52		11.3	3.306
1238	11/13/2008 10:46	11.85			9.61		8.9	3.4
1239	11/13/2008 11:01	11.83			9.61		8.5	3.482
1240	11/13/2008 11:16	11.83			9.61		6.6	3.543
1241	11/13/2008 11:31	11.84			9.6		5.5	3.618
1242	11/13/2008 11:46	11.86			9.58		5.1	3.661
1243	11/13/2008 12:01	11.85			9.62		5.2	3.69
1244	11/13/2008 12:16	11.98			9.53		4.2	3.703
1245	11/13/2008 12:31	11.9			9.51	7.93	5	3.68
1246	11/13/2008 12:46	11.88			9.55		5.2	3.628
1247	11/13/2008 13:01	12.1			9.73		5.1	3.572
1248	11/13/2008 13:16	12.12			9.64		6.2	3.479
1249	11/13/2008 13:31	12.22			9.73		5.5	3.377
1250	11/13/2008 13:46	12.43			9.51		7	3.253
1251	11/13/2008 14:01	12.47			9.48		6.7	3.109
1252	11/13/2008 14:16	12.53			9.49		7.2	2.963
1253	11/13/2008 14:31	12.53			9.51		6.6	2.827
1254	11/13/2008 14:46	12.8			9.45		7.6	2.679
1255	11/13/2008 15:01	12.88			9.37		9.5	2.518
1256	11/13/2008 15:16	12.91			9.46		7.7	2.366
1257	11/13/2008 15:31	12.86			9.49		7.3	2.202
1258	11/13/2008 15:46	12.76			9.62		5.8	2.023
1259	11/13/2008 16:01	13.05			9.51		6.4	1.851
1260	11/13/2008 16:16	13.26			9.51		8	1.695
1261	11/13/2008 16:31	13.34			9.55		8.3	1.513
1262	11/13/2008 16:46	13.48			9.48		9.2	1.338
1263	11/13/2008 17:01	13.53			9.28		8.3	1.153
1264	11/13/2008 17:16	13.56			9.23		7.7	0.959
1265	11/13/2008 17:31	13.64			9.22		8.4	0.811
1266	11/13/2008 17:46	13.68			9.19		8.1	0.647
1267	11/13/2008 18:01	13.77			9.15		9.3	0.488
1268	11/13/2008 18:16	13.82			9.05		8	0.377
1269	11/13/2008 18:31	14.08			8.84		7.8	0.337
1270	11/13/2008 18:46	14.12			8.74	7.87	5.9	0.341
1271	11/13/2008 19:01	14.11			8.92		6	0.392
1272	11/13/2008 19:16	14.06			8.92		6.5	0.479
1273	11/13/2008 19:31	14.05			8.92	7.89	5.7	0.584

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1274	11/13/2008 19:46	14.04			8.88	7.88	5.9	0.686	98.1
1275	11/13/2008 20:01	14.02			8.89	7.88	6.3	0.762	98.1
1276	11/13/2008 20:16	14.02			8.84	7.87	8.5	0.858	97.4
1277	11/13/2008 20:31	14.01			8.81	7.83	6.8	0.91	96.9
1278	11/13/2008 20:46	13.96			8.83	7.87	7	0.986	97.2
1279	11/13/2008 21:01	13.91			8.85	7.87	6	1.107	97.4
1280	11/13/2008 21:16	13.89			8.85	7.87	6.5	1.203	97.2
1281	11/13/2008 21:31	13.88			8.79	7.86	6.5	1.312	96.6
1282	11/13/2008 21:46	13.85			8.81		6.9	1.434	96.6
1283	11/13/2008 22:01	13.66			8.91	7.87	6.5	1.558	97.4
1284	11/13/2008 22:16	13.65			8.87		7.1	1.676	97.2
1285	11/13/2008 22:31	13.61			8.9	7.87	7.8	1.793	97.3
1286	11/13/2008 22:46	13.62			8.95	7.87	7.9	1.914	97.9
1287	11/13/2008 23:01	13.53			9		9.4	2.038	98.4
1288	11/13/2008 23:16	13.47			9.04	7.88	9.5	2.147	98.7
1289	11/13/2008 23:31	13.38			9.06	7.84	10.6	2.253	98.5
1290	11/13/2008 23:46	13.25			9.08	7.84	11.4	2.358	98.6
1291	11/14/2008 0:01	13.13			9.13		13.9	2.447	99
1292	11/14/2008 0:16	12.92			9.24	7.89	13.2	2.528	100
1293	11/14/2008 0:31	12.73			9.36		12.4	2.607	100.8
1294	11/14/2008 0:46	12.68			9.42		12	2.68	101.4
1295	11/14/2008 1:01	12.63			9.47		10.9	2.747	101.7
1296	11/14/2008 1:16	12.54			9.46		11.1	2.804	101.5
1297	11/14/2008 1:31	12.46			9.44		8.4	2.86	101.1
1298	11/14/2008 1:46	12.45			9.41		7.4	2.904	100.9
1299	11/14/2008 2:01	12.33			9.39		5.9	2.946	100.3
1300	11/14/2008 2:16	12.48			9.29		5.1	2.935	99.7
1301	11/14/2008 2:31	12.29			9.34		5.6	2.901	100.1
1302	11/14/2008 2:46	12.32			9.38		6.5	2.876	100.4
1303	11/14/2008 3:01	12.62			9.19		8	2.805	98.7
1304	11/14/2008 3:16	12.76			9.14	7.9	9.4	2.732	98.5
1305	11/14/2008 3:31	12.75			9.16	7.9	10.6	2.639	98.8
1306	11/14/2008 3:46	12.85			9.11		9.6	2.555	98.3
1307	11/14/2008 4:01	12.95			9.05		9.2	2.464	97.7
1308	11/14/2008 4:16	13.01			8.97	7.88	7.9	2.382	97
1309	11/14/2008 4:31	13.14			8.87		8	2.307	96.2
1310	11/14/2008 4:46	13.16			8.8		8.2	2.24	95.5
1311	11/14/2008 5:01	13.15			8.77		7.1	2.166	95
1312	11/14/2008 5:16	13.14			8.85	7.87	5.9	2.093	95.8
1313	11/14/2008 5:31	13.22			8.8		5.9	2.032	95.5
1314	11/14/2008 5:46	13.36			8.65	7.82	6.1	1.977	95
1315	11/14/2008 6:01	13.4			8.51		5.2	1.933	93.4
1316	11/14/2008 6:16	13.42			8.42		4.8	1.918	92.6
1317	11/14/2008 6:31	13.49			8.31		4.3	1.895	91.7
1318	11/14/2008 6:46	13.45			8.2		4.5	1.907	90.3
1319	11/14/2008 7:01	13.4			8.37		4.9	1.92	92.1
1320	11/14/2008 7:16	13.37			8.39		5.1	1.965	92.4
1321	11/14/2008 7:31	13.39			8.49		5.1	2.014	93.5
1322	11/14/2008 7:46	13.34			8.48	7.85	5.7	2.067	93.5

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1323	11/14/2008 8:01	13.32			8.43		7.5	2.158	92.6
1324	11/14/2008 8:16	13.3			8.45		7.1	2.237	93
1325	11/14/2008 8:31	13.24			8.63	7.85	6.8	2.323	94.1
1326	11/14/2008 8:46	13.14			8.75	7.86	7	2.413	95.3
1327	11/14/2008 9:01	12.97			8.84	7.87	7.1	2.496	96.7
1328	11/14/2008 9:16	12.82			8.98		7	2.579	98.2
1329	11/14/2008 9:31	12.73			9.11		7.8	2.669	98.6
1330	11/14/2008 9:46	12.65			9.12		8.7	2.771	98.8
1331	11/14/2008 10:01	12.49			9.17		9.6	2.868	99
1332	11/14/2008 10:16	12.34			9.22	7.9	10.4	2.963	98.8
1333	11/14/2008 10:31	12.19			9.22		12.8	3.061	98.6
1334	11/14/2008 10:46	12.03			9.21		11.7	3.161	98.3
1335	11/14/2008 11:01	11.87			9.24		12.7	3.275	98.2
1336	11/14/2008 11:16	11.75			9.28		10.1	3.353	98.4
1337	11/14/2008 11:31	11.71			9.33		8.5	3.445	98.6
1338	11/14/2008 11:46	11.72			9.34		7.9	3.543	98.8
1339	11/14/2008 12:01	11.73			9.36		6.5	3.607	99
	Mean	12.78	50.94	33.37	8.79	7.87	4.79	2.24	99.82
	Minimum	10.87	49.24	32.14	7.90	7.71	1.10	0.34	88.30
	Maximum	14.12	52.78	34.72	9.83	7.99	20.60	3.70	116.70
	Standard Dev.	0.55	0.67	0.48	0.36	0.04	2.15	0.63	4.21

**pH probe malfunction or fouling
conductivity probe fouled**

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						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	11/14/2008 11:31	11.72	49.76	32.47	8.75	7.95	4.8	3.656	98.9
1	11/14/2008 11:46	11.71	49.78	32.48	8.68	8	3.7	3.683	98.2
2	11/14/2008 12:01	11.81	49.665	32.4	8.59	7.98	4.9	3.68	97.3
3	11/14/2008 12:16	11.77	49.742	32.46	8.6	7.99	5	3.655	97.4
4	11/14/2008 12:31	11.92	49.652	32.4	8.66	8.03	4.8	3.597	98.3
5	11/14/2008 12:46	11.97	49.706	32.44	8.76	8.23	4.8	3.535	99.6
6	11/14/2008 13:01	12.26	49.523	32.32	8.83	8.25	4.5	3.428	101
7	11/14/2008 13:16	12.24	49.554	32.34	8.75	8.25	5.3	3.304	100
8	11/14/2008 13:31	12.4	49.335	32.19	8.69	8.25	9.5	3.186	99.5
9	11/14/2008 13:46	12.35	49.36	32.21	8.7	8	6.2	3.047	99.6
10	11/14/2008 14:01	12.46	49.26	32.14	8.73	8.01	6.3	2.908	100.1
11	11/14/2008 14:16	12.54	49.214	32.11	8.75	8.01	5.7	2.775	100.5
12	11/14/2008 14:31	12.79	49.031	31.99	8.81	8.27	5.7	2.627	101.6
13	11/14/2008 14:46	12.9	48.957	31.94	8.78	8.26	7.6	2.459	101.5
14	11/14/2008 15:01	12.89	48.945	31.93	8.81	8.26	8.4	2.325	101.8
15	11/14/2008 15:16	12.87	48.937	31.92	8.84	8.01	6.5	2.164	102
16	11/14/2008 15:31	12.87	48.972	31.95	8.9	8.02	6.6	1.971	102.8
17	11/14/2008 15:46	13.01	48.836	31.85	8.91	8.02	6.9	1.806	103.2
18	11/14/2008 16:01	13.2	48.642	31.72	8.88	8.02	7.4	1.639	103.2
19	11/14/2008 16:16	13.46	48.326	31.5	8.87	8.05	9.6	1.468	103.4
20	11/14/2008 16:31	13.48	48.303	31.48	8.92	8.06	9.9	1.288	104
21	11/14/2008 16:46	13.61	48.117	31.35	8.77	8.01	11.2	1.108	102.5
22	11/14/2008 17:01	13.65	48.058	31.31	8.7	8.01	9.6	0.937	101.7
23	11/14/2008 17:16	13.69	47.989	31.26	8.68	8.03	10	0.747	101.5
24	11/14/2008 17:31	13.85	47.781	31.12	8.62	8.03	11.7	0.579	101.1
25	11/14/2008 17:46	13.93	47.652	31.03	8.58	8.02	20.8	0.426	100.7
26	11/14/2008 18:01	14	47.533	30.94	8.48	8.02	10.2	0.305	99.6
27	11/14/2008 18:16	14.04	47.436	30.87	8.43	8.01	8.5	0.241	99
28	11/14/2008 18:31	14.09	47.298	30.77	8.35	8.01	5.7	0.23	98.2
29	11/14/2008 18:46	14.12	47.339	30.8	8.44	8.22	6.7	0.289	99.4
30	11/14/2008 19:01	14.07	47.36	30.82	8.45	8.22	8.1	0.363	99.3
31	11/14/2008 19:16	14.05	47.384	30.84	8.45	8.22	7.3	0.473	99.3
32	11/14/2008 19:31	14.04	47.385	30.84	8.43	8.22	7.4	0.582	99
33	11/14/2008 19:46	14.02	46.894	30.48	8.4	7.97	7.1	0.653	98.5
34	11/14/2008 20:01	13.97	46.529	30.22	8.33	7.99	7.6	0.744	97.4
35	11/14/2008 20:16	14.02	46.812	30.42	8.36	8	7.2	0.805	97.9
36	11/14/2008 20:31	14.01	46.911	30.49	8.37	7.97	7.1	0.882	98.1
37	11/14/2008 20:46	14	47.059	30.6	8.41	7.97	7.1	0.963	98.6
38	11/14/2008 21:01	13.98	46.893	30.48	8.4	8	7.3	1.055	98.4
39	11/14/2008 21:16	13.96	46.571	30.25	8.37	7.99	7.2	1.181	97.8
40	11/14/2008 21:31	13.91	46.529	30.21	8.4	7.99	7	1.282	98
41	11/14/2008 21:46	13.75	47.517	30.92	8.48	8	7.6	1.409	99.1
42	11/14/2008 22:01	13.73	47.359	30.81	8.44	8.21	7.9	1.538	98.6
43	11/14/2008 22:16	13.69	47.169	30.67	8.44	8	8.5	1.652	98.4
44	11/14/2008 22:31	13.67	47.618	30.99	8.47	8.21	9.2	1.783	98.9
45	11/14/2008 22:46	13.59	47.86	31.17	8.52	8.22	12.1	1.906	99.4
46	11/14/2008 23:01	13.53	48.063	31.31	8.53	8.22	11.4	2.012	99.5
47	11/14/2008 23:16	13.43	48.097	31.33	8.51	8.22	12	2.12	99
48	11/14/2008 23:31	13.33	48.286	31.47	8.5	8.22	12.6	2.222	98.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
49	11/14/2008 23:46	13.15	48.419	31.56	8.53	8.02	15.2	2.311	98.8
50	11/15/2008 0:01	12.95	48.621	31.7	8.55	8.23	13.8	2.397	98.8
51	11/15/2008 0:16	12.64	48.916	31.9	8.62	8.24	12.2	2.489	99.1
52	11/15/2008 0:31	12.55	49.016	31.97	8.66	8.25	11.4	2.566	99.3
53	11/15/2008 0:46	12.55	49.026	31.97	8.65	8.25	11.8	2.633	99.3
54	11/15/2008 1:01	12.51	49.071	32	8.66	8.26	13.6	2.706	99.3
55	11/15/2008 1:16	12.39	49.169	32.07	8.65	8.26	11	2.765	99
56	11/15/2008 1:31	12.3	49.246	32.12	8.63	8.26	8.7	2.812	98.6
57	11/15/2008 1:46	12.19	49.335	32.18	8.61	8.04	7	2.85	98.2
58	11/15/2008 2:01	12.2	49.291	32.15	8.53	8.04	5.2	2.864	97.3
59	11/15/2008 2:16	12.21	49.316	32.17	8.51	8.04	4.9	2.861	97.1
60	11/15/2008 2:31	12.1	49.419	32.24	8.55	8.04	5.5	2.835	97.4
61	11/15/2008 2:46	12.19	49.367	32.2	8.54	8.04	6.1	2.78	97.4
62	11/15/2008 3:01	12.52	48.769	31.79	8.36	8.02	7.8	2.727	95.7
63	11/15/2008 3:16	12.55	48.899	31.88	8.43	8.03	9.5	2.643	96.7
64	11/15/2008 3:31	12.59	48.859	31.85	8.44	8.03	10.1	2.566	96.8
65	11/15/2008 3:46	12.64	48.734	31.77	8.4	8.02	8.9	2.478	96.5
66	11/15/2008 4:01	12.73	48.616	31.68	8.34	8.02	7.6	2.386	95.9
67	11/15/2008 4:16	12.82	48.4	31.53	8.23	8	7.5	2.317	94.7
68	11/15/2008 4:31	12.92	48.359	31.5	8.24	8.01	7.3	2.245	95
69	11/15/2008 4:46	12.97	48.224	31.41	8.18	8	7.5	2.173	94.4
70	11/15/2008 5:01	12.95	48.226	31.41	8.11	7.99	6	2.111	93.5
71	11/15/2008 5:16	12.98	48.237	31.42	8.16	8	5.6	2.044	94.2
72	11/15/2008 5:31	13.03	48.143	31.35	8.18	8	5.5	2.006	94.4
73	11/15/2008 5:46	13.11	48.044	31.28	8.18	8	5.5	1.962	94.5
74	11/15/2008 6:01	13.14	47.887	31.17	8.08	7.99	5	1.927	93.4
75	11/15/2008 6:16	13.12	47.817	31.12	8.01	8.2	4.5	1.912	92.6
76	11/15/2008 6:31	13.13	47.791	31.1	7.93	8.19	3.7	1.905	91.6
77	11/15/2008 6:46	13.08	47.845	31.14	8.06	8.2	4.6	1.925	93
78	11/15/2008 7:01	13.05	47.972	31.23	8.09	7.95	5.6	1.943	93.3
79	11/15/2008 7:16	13.02	48.031	31.27	8.1	7.99	5.4	1.977	93.5
80	11/15/2008 7:31	13.02	48.05	31.28	8.14	7.99	5.4	2.036	93.9
81	11/15/2008 7:46	12.93	47.983	31.23	8.13	7.99	7.6	2.111	93.6
82	11/15/2008 8:01	12.92	47.922	31.19	8.11	7.98	7.3	2.186	93.3
83	11/15/2008 8:16	12.89	48.064	31.29	8.16	7.99	6.7	2.258	93.9
84	11/15/2008 8:31	12.81	48.408	31.54	8.25	8	7.1	2.343	94.9
85	11/15/2008 8:46	12.65	48.647	31.7	8.31	8.01	7.2	2.422	95.4
86	11/15/2008 9:01	12.54	48.855	31.85	8.42	8.02	7.5	2.504	96.6
87	11/15/2008 9:16	12.48	48.975	31.93	8.47	8.02	7.2	2.593	97.1
88	11/15/2008 9:31	12.4	49.098	32.02	8.48	8.24	7.2	2.686	97.1
89	11/15/2008 9:46	12.21	49.267	32.13	8.46	8.03	9	2.78	96.5
90	11/15/2008 10:01	12.02	49.46	32.26	8.39	8.25	9.8	2.878	95.4
91	11/15/2008 10:16	11.88	49.593	32.35	8.34	8.25	9.9	2.976	94.6
92	11/15/2008 10:31	11.6	49.821	32.51	8.24	8.24	9.9	3.08	93
93	11/15/2008 10:46	11.46	49.962	32.6	8.18	8.25	9.4	3.169	92.1
94	11/15/2008 11:01	11.36	50.071	32.68	8.1	8.25	8.1	3.258	91.1
95	11/15/2008 11:16	11.24	50.171	32.74	8.07	8.25	7.3	3.348	90.6
96	11/15/2008 11:31	11.22	50.193	32.76	8.05	8.25	6.7	3.422	90.3
97	11/15/2008 11:46	11.23	50.21	32.77	8.05	8.25	5.1	3.485	90.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
98	11/15/2008 12:01	11.23	50.218	32.77	8.06	8.25	5.1	3.548	90.4
99	11/15/2008 12:16	11.27	50.192	32.76	8.04	8.26	4.9	3.582	90.3
100	11/15/2008 12:31	11.29	50.192	32.76	8.04	8.26	3.2	3.606	90.2
101	11/15/2008 12:46	11.38	50.11	32.7	8.06	8.03	4	3.621	90.7
102	11/15/2008 13:01	11.32	50.137	32.72	8.02	8.02	4.4	3.604	90.1
103	11/15/2008 13:16	11.27	50.198	32.76	8	8.02	4.6	3.556	89.8
104	11/15/2008 13:31	11.73	49.995	32.64	8.26	8.05	4.3	3.495	93.6
105	11/15/2008 13:46	11.85	50.012	32.66	8.42	8.05	4.3	3.405	95.6
106	11/15/2008 14:01	12.04	49.846	32.55	8.44	8.27	4.3	3.285	96.2
107	11/15/2008 14:16	12.3	49.574	32.36	8.52	8.05	4.8	3.171	97.5
108	11/15/2008 14:31	12.38	49.489	32.3	8.55	8.04	7	3.037	98
109	11/15/2008 14:46	12.41	49.46	32.28	8.59	8.05	5.2	2.894	98.4
110	11/15/2008 15:01	12.35	49.468	32.29	8.66	8.27	5.4	2.769	99.1
111	11/15/2008 15:16	12.45	49.396	32.24	8.78	8.06	4.4	2.638	100.7
112	11/15/2008 15:31	12.78	49.071	32.02	8.78	8.06	7.3	2.493	101.3
113	11/15/2008 15:46	12.77	49.093	32.03	8.81	8.06	7.2	2.35	101.6
114	11/15/2008 16:01	12.84	48.961	31.94	8.77	8.06	5.3	2.191	101.2
115	11/15/2008 16:16	12.86	48.942	31.92	8.84	8.06	7.4	2.044	102.1
116	11/15/2008 16:31	12.97	48.831	31.85	8.84	8.06	7.3	1.87	102.3
117	11/15/2008 16:46	13.02	48.773	31.81	8.81	8.05	7.8	1.702	102
118	11/15/2008 17:01	13.13	48.639	31.72	8.83	8.05	10.1	1.544	102.4
119	11/15/2008 17:16	13.24	48.524	31.64	8.88	8.06	9.8	1.375	103.1
120	11/15/2008 17:31	13.4	48.321	31.49	8.87	8.05	13.1	1.198	103.3
121	11/15/2008 17:46	13.54	48.159	31.38	8.82	8.05	12.8	1.019	103
122	11/15/2008 18:01	13.63	48.055	31.31	8.81	8.04	13.9	0.85	103
123	11/15/2008 18:16	13.7	47.96	31.24	8.78	8.04	13.5	0.671	102.7
124	11/15/2008 18:31	13.77	47.864	31.17	8.75	8.03	13	0.527	102.4
125	11/15/2008 18:46	13.86	47.693	31.05	8.69	8.03	11.2	0.395	101.9
126	11/15/2008 19:01	13.87	47.66	31.03	8.63	8.02	8.9	0.296	101.1
127	11/15/2008 19:16	13.9	47.505	30.92	8.45	8.22	5.9	0.293	99.1
128	11/15/2008 19:31	13.95	47.471	30.9	8.58	8.23	6	0.295	100.7
129	11/15/2008 19:46	13.95	47.466	30.89	8.61	8.23	5.8	0.385	101.1
130	11/15/2008 20:01	13.93	47.487	30.91	8.64	8.23	11.4	0.475	101.3
131	11/15/2008 20:16	13.9	47.474	30.9	8.65	8.02	8.5	0.569	101.3
132	11/15/2008 20:31	13.9	47.507	30.92	8.66	8.02	7.8	0.668	101.5
133	11/15/2008 20:46	13.84	47.273	30.75	8.63	8.02	6.9	0.727	101
134	11/15/2008 21:01	13.74	46.882	30.46	8.57	8	7.1	0.8	99.8
135	11/15/2008 21:16	13.79	47.027	30.57	8.61	8.01	7.1	0.869	100.5
136	11/15/2008 21:31	13.79	47.005	30.55	8.64	8.01	6.9	0.962	100.9
137	11/15/2008 21:46	13.73	46.701	30.33	8.59	8	6.7	1.062	100
138	11/15/2008 22:01	13.65	46.56	30.23	8.55	7.99	6.5	1.163	99.3
139	11/15/2008 22:16	13.69	47.502	30.91	8.71	8.02	7	1.269	101.6
140	11/15/2008 22:31	13.63	47.523	30.92	8.72	8.02	6.5	1.398	101.6
141	11/15/2008 22:46	13.57	47.592	30.97	8.7	8.02	7.4	1.524	101.3
142	11/15/2008 23:01	13.52	47.565	30.95	8.69	8.02	8.5	1.629	101.1
143	11/15/2008 23:16	13.54	48.019	31.28	8.76	8.03	8.8	1.749	102.1
144	11/15/2008 23:31	13.5	48.162	31.38	8.79	8.03	9	1.871	102.5
145	11/15/2008 23:46	13.44	48.08	31.32	8.81	8.03	9.3	1.984	102.6
146	11/16/2008 0:01	13.31	48.287	31.47	8.78	8	9.7	2.085	102.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
147	11/16/2008 0:16	13.24	48.449	31.58	8.74	8.03	10.3	2.182	101.4
148	11/16/2008 0:31	13.07	48.588	31.68	8.72	8.03	13	2.276	100.9
149	11/16/2008 0:46	12.95	48.687	31.74	8.7	8.03	12.3	2.371	100.5
150	11/16/2008 1:01	12.63	48.986	31.95	8.63	8.03	11.2	2.441	99.2
151	11/16/2008 1:16	12.34	49.256	32.13	8.59	8.25	9.9	2.522	98.3
152	11/16/2008 1:31	12.28	49.318	32.17	8.6	8.26	10.3	2.601	98.2
153	11/16/2008 1:46	12.24	49.348	32.19	8.6	8.26	10	2.663	98.1
154	11/16/2008 2:01	12.24	49.359	32.2	8.59	8.26	9.2	2.724	98.1
155	11/16/2008 2:16	12.2	49.35	32.19	8.56	8.04	11	2.781	97.7
156	11/16/2008 2:31	12.09	49.458	32.27	8.54	8.26	6.8	2.823	97.2
157	11/16/2008 2:46	12.05	49.464	32.27	8.48	8.26	5.7	2.843	96.5
158	11/16/2008 3:01	12.12	49.393	32.22	8.46	8.03	4.9	2.85	96.3
159	11/16/2008 3:16	11.94	49.559	32.33	8.41	8.26	5	2.839	95.6
160	11/16/2008 3:31	11.96	49.539	32.32	8.44	8.03	5.2	2.797	95.9
161	11/16/2008 3:46	12.24	49.06	31.98	8.35	8.02	7.3	2.739	95.2
162	11/16/2008 4:01	12.36	49.049	31.98	8.43	8.03	6.8	2.675	96.3
163	11/16/2008 4:16	12.35	49.133	32.04	8.47	8.03	8.4	2.609	96.8
164	11/16/2008 4:31	12.37	49.106	32.02	8.46	8.03	7.3	2.535	96.7
165	11/16/2008 4:46	12.44	48.989	31.94	8.43	8.02	7.3	2.45	96.5
166	11/16/2008 5:01	12.52	48.877	31.86	8.42	8.02	7	2.383	96.5
167	11/16/2008 5:16	12.63	48.728	31.76	8.39	8.02	6.7	2.312	96.3
168	11/16/2008 5:31	12.76	48.526	31.62	8.34	8.01	6.1	2.245	96
169	11/16/2008 5:46	12.84	48.519	31.62	8.36	8.01	5.7	2.18	96.3
170	11/16/2008 6:01	12.84	48.447	31.57	8.31	8.01	5	2.131	95.7
171	11/16/2008 6:16	12.82	48.441	31.56	8.33	8.01	4.9	2.076	95.8
172	11/16/2008 6:31	12.84	48.399	31.53	8.32	8	4.8	2.025	95.8
173	11/16/2008 6:46	12.98	48.228	31.41	8.36	8.23	4.6	1.998	96.4
174	11/16/2008 7:01	12.97	48.167	31.37	8.31	8.22	4.3	1.969	95.8
175	11/16/2008 7:16	12.97	48.129	31.34	8.22	8.22	3.7	1.972	94.8
176	11/16/2008 7:31	12.93	48.101	31.32	8.24	7.99	4	1.974	94.9
177	11/16/2008 7:46	12.92	48.224	31.41	8.29	8	4.1	1.978	95.6
178	11/16/2008 8:01	12.85	48.243	31.42	8.27	8	4.6	2.022	95.2
179	11/16/2008 8:16	12.86	48.295	31.46	8.32	8	4.5	2.063	95.8
180	11/16/2008 8:31	12.85	48.391	31.53	8.37	8.01	4.9	2.115	96.4
181	11/16/2008 8:46	12.77	48.241	31.41	8.36	8	6	2.176	96
182	11/16/2008 9:01	12.76	48.281	31.44	8.33	8	5.2	2.242	95.6
183	11/16/2008 9:16	12.74	48.474	31.58	8.37	8.01	5.9	2.32	96.2
184	11/16/2008 9:31	12.58	48.741	31.77	8.38	8.23	6.3	2.393	96.1
185	11/16/2008 9:46	12.42	48.968	31.93	8.41	8.24	6.1	2.468	96.2
186	11/16/2008 10:01	12.36	49.105	32.02	8.47	8.24	5.9	2.548	96.8
187	11/16/2008 10:16	12.27	49.228	32.11	8.47	8.25	5.7	2.638	96.7
188	11/16/2008 10:31	12.21	49.316	32.17	8.44	8.25	6.2	2.722	96.3
189	11/16/2008 10:46	12.05	49.467	32.27	8.39	8.25	6.8	2.808	95.5
190	11/16/2008 11:01	11.85	49.639	32.39	8.26	8.24	7.4	2.896	93.7
191	11/16/2008 11:16	11.68	49.786	32.49	8.16	8.24	7.2	2.989	92.3
192	11/16/2008 11:31	11.54	49.905	32.56	8.08	8.23	8.3	3.076	91.1
193	11/16/2008 11:46	11.36	50.068	32.67	7.99	8.23	7.5	3.162	89.8
194	11/16/2008 12:01	11.3	50.134	32.72	7.96	8.23	7	3.242	89.4
195	11/16/2008 12:16	11.2	50.211	32.77	7.95	8.23	5.6	3.319	89.2

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
196	11/16/2008 12:31	11.19	50.235	32.78	7.97	8.24	5	3.389	89.3
197	11/16/2008 12:46	11.21	50.222	32.78	8.01	8.01	4	3.443	89.8
198	11/16/2008 13:01	11.25	50.227	32.78	8.02	8.24	3.4	3.483	90
199	11/16/2008 13:16	11.24	50.228	32.78	8.02	8.24	2.9	3.52	89.9
200	11/16/2008 13:31	11.42	50.106	32.7	8.03	8.25	3.1	3.53	90.4
201	11/16/2008 13:46	11.31	50.181	32.75	7.92	8.24	3.9	3.518	89
202	11/16/2008 14:01	11.26	50.21	32.77	8.01	8.24	3.5	3.481	89.9
203	11/16/2008 14:16	11.3	50.205	32.77	8.01	8.25	3.6	3.428	90
204	11/16/2008 14:31	11.81	49.995	32.64	8.36	8.26	4.1	3.359	94.9
205	11/16/2008 14:46	12.11	49.748	32.48	8.44	8.04	3.9	3.251	96.3
206	11/16/2008 15:01	12	49.827	32.53	8.35	8.03	4.1	3.152	95
207	11/16/2008 15:16	12.21	49.611	32.38	8.49	8.04	6	3.044	97
208	11/16/2008 15:31	12.14	49.643	32.4	8.49	8.03	5.3	2.92	96.8
209	11/16/2008 15:46	12.2	49.565	32.35	8.58	8.04	3.6	2.8	98
210	11/16/2008 16:01	12.22	49.536	32.33	8.61	8.04	3.7	2.673	98.3
211	11/16/2008 16:16	12.5	49.267	32.15	8.78	8.05	5.2	2.528	100.7
212	11/16/2008 16:31	12.67	49.098	32.03	8.77	8.05	9.2	2.401	100.9
213	11/16/2008 16:46	12.63	49.116	32.04	8.77	8.05	5.7	2.241	100.8
214	11/16/2008 17:01	12.74	48.983	31.95	8.76	8.05	7.7	2.091	100.9
215	11/16/2008 17:16	12.64	49.091	32.02	8.74	8.04	7.8	1.953	100.5
216	11/16/2008 17:31	12.73	48.974	31.94	8.68	8.04	8.4	1.784	100
217	11/16/2008 17:46	12.91	48.808	31.83	8.67	8.04	10.2	1.634	100.2
218	11/16/2008 18:01	13.02	48.676	31.74	8.76	8.04	11	1.476	101.3
219	11/16/2008 18:16	13.12	48.55	31.65	8.76	8.04	11.8	1.315	101.5
220	11/16/2008 18:31	13.23	48.433	31.57	8.81	8.04	11.1	1.156	102.3
221	11/16/2008 18:46	13.4	48.273	31.46	8.86	8.04	10.4	0.986	103.1
222	11/16/2008 19:01	13.47	48.182	31.4	8.86	8.04	9.3	0.844	103.2
223	11/16/2008 19:16	13.52	48.099	31.34	8.85	8.04	8.9	0.7	103.2
224	11/16/2008 19:31	13.6	47.944	31.23	8.84	8.04	8.7	0.571	103.2
225	11/16/2008 19:46	13.64	47.884	31.19	8.8	8.03	7.9	0.474	102.7
226	11/16/2008 20:01	13.64	47.8	31.12	8.72	8.03	5.6	0.425	101.8
227	11/16/2008 20:16	13.68	47.714	31.06	8.8	8.03	6	0.433	102.8
228	11/16/2008 20:31	13.7	47.68	31.04	8.85	8.03	4.9	0.468	103.4
229	11/16/2008 20:46	13.68	47.705	31.06	8.86	8.03	4.8	0.549	103.5
230	11/16/2008 21:01	13.63	47.719	31.07	8.89	8.03	5.1	0.642	103.8
231	11/16/2008 21:16	13.61	47.747	31.08	8.91	8.04	5.2	0.719	103.9
232	11/16/2008 21:31	13.54	47.557	30.94	8.88	8.03	5.2	0.799	103.4
233	11/16/2008 21:46	13.53	47.477	30.89	8.82	8.02	5.2	0.866	102.6
234	11/16/2008 22:01	13.41	47.052	30.58	8.73	8	5.2	0.92	101.1
235	11/16/2008 22:16	13.42	47.033	30.56	8.7	8	5.3	1.009	100.8
236	11/16/2008 22:31	13.45	46.994	30.54	8.78	8.01	5.3	1.091	101.7
237	11/16/2008 22:46	13.35	46.733	30.34	8.68	7.99	5.2	1.188	100.3
238	11/16/2008 23:01	13.49	47.675	31.03	8.81	8.02	5.9	1.279	102.5
239	11/16/2008 23:16	13.38	47.433	30.85	8.8	8.02	5.6	1.397	102.1
240	11/16/2008 23:31	13.31	47.535	30.92	8.81	8.02	5.6	1.497	102
241	11/16/2008 23:46	13.3	47.8	31.11	8.82	8.02	6	1.612	102.3
242	11/17/2008 0:01	13.27	48.098	31.33	8.81	8.03	6.8	1.73	102.2
243	11/17/2008 0:16	13.29	48.329	31.5	8.86	8.03	6.5	1.842	102.9
244	11/17/2008 0:31	13.23	48.41	31.55	8.87	8.04	7.4	1.948	102.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
245	11/17/2008 0:46	13.16	48.506	31.62	8.86	8.04	7.4	2.045	102.7
246	11/17/2008 1:01	13.05	48.591	31.68	8.82	8.25	7.4	2.151	102.1
247	11/17/2008 1:16	12.96	48.682	31.74	8.78	8.25	8.9	2.242	101.5
248	11/17/2008 1:31	12.78	48.806	31.82	8.75	8.03	10.5	2.33	100.8
249	11/17/2008 1:46	12.64	48.925	31.9	8.7	8.03	9.7	2.417	100
250	11/17/2008 2:01	12.35	49.185	32.08	8.6	8.02	9.2	2.49	98.4
251	11/17/2008 2:16	12.15	49.376	32.21	8.55	8.25	8.7	2.571	97.4
252	11/17/2008 2:31	12.02	49.522	32.31	8.52	8.25	7.9	2.642	96.9
253	11/17/2008 2:46	12.01	49.503	32.3	8.52	8.25	7.6	2.709	96.9
254	11/17/2008 3:01	11.97	49.541	32.32	8.51	8.25	7.3	2.768	96.7
255	11/17/2008 3:16	11.93	49.558	32.33	8.48	8.25	5.6	2.813	96.2
256	11/17/2008 3:31	11.92	49.567	32.34	8.46	8.25	5.2	2.862	96
257	11/17/2008 3:46	11.87	49.568	32.34	8.43	8.03	4.6	2.88	95.6
258	11/17/2008 4:01	11.99	49.501	32.29	8.39	8.25	4.7	2.879	95.3
259	11/17/2008 4:16	11.85	49.6	32.36	8.4	8.25	4.6	2.86	95.2
260	11/17/2008 4:31	11.85	49.588	32.35	8.4	8.02	4.8	2.827	95.3
261	11/17/2008 4:46	12.13	49.211	32.09	8.36	8.02	5.1	2.781	95.2
262	11/17/2008 5:01	12.15	49.253	32.12	8.42	8.02	5.9	2.701	95.9
263	11/17/2008 5:16	12.13	49.281	32.14	8.41	8.02	6.4	2.626	95.7
264	11/17/2008 5:31	12.18	49.158	32.05	8.42	8.02	5.7	2.561	95.9
265	11/17/2008 5:46	12.23	49.108	32.02	8.41	8.24	6	2.483	95.9
266	11/17/2008 6:01	12.32	48.926	31.89	8.37	8.01	4.7	2.407	95.6
267	11/17/2008 6:16	12.39	48.823	31.82	8.36	8.01	5.1	2.336	95.5
268	11/17/2008 6:31	12.49	48.707	31.74	8.36	8.01	5.2	2.276	95.6
269	11/17/2008 6:46	12.54	48.635	31.69	8.32	8.01	4.7	2.225	95.3
270	11/17/2008 7:01	12.54	48.657	31.71	8.31	8	4.6	2.164	95.2
271	11/17/2008 7:16	12.56	48.651	31.7	8.32	8	10.3	2.116	95.4
272	11/17/2008 7:31	12.62	48.581	31.65	8.38	8.01	4.8	2.075	96.1
273	11/17/2008 7:46	12.71	48.536	31.62	8.41	8.01	4.6	2.051	96.6
274	11/17/2008 8:01	12.77	48.455	31.57	8.4	8.01	4.5	2.021	96.6
275	11/17/2008 8:16	12.78	48.36	31.5	8.35	8	4	2.009	96
276	11/17/2008 8:31	12.82	48.306	31.46	8.28	8	3.2	2.011	95.3
277	11/17/2008 8:46	12.77	48.359	31.5	8.39	8	3.7	2.022	96.4
278	11/17/2008 9:01	12.72	48.447	31.56	8.39	8.01	4.3	2.04	96.4
279	11/17/2008 9:16	12.68	48.489	31.59	8.39	8.22	4.2	2.074	96.3
280	11/17/2008 9:31	12.72	48.518	31.61	8.45	8.23	4	2.117	97.1
281	11/17/2008 9:46	12.72	48.535	31.62	8.49	8.23	4.7	2.18	97.5
282	11/17/2008 10:01	12.68	48.47	31.58	8.45	8.22	4.7	2.24	97
283	11/17/2008 10:16	12.63	48.517	31.61	8.42	8.22	4.5	2.31	96.6
284	11/17/2008 10:31	12.54	48.734	31.76	8.44	8.23	4.9	2.376	96.7
285	11/17/2008 10:46	12.36	48.962	31.92	8.42	8.01	5.2	2.44	96.2
286	11/17/2008 11:01	12.24	49.161	32.06	8.45	8.23	4.7	2.519	96.4
287	11/17/2008 11:16	12.18	49.264	32.13	8.5	8.24	4.8	2.59	96.8
288	11/17/2008 11:31	12.13	49.344	32.19	8.5	8.24	4.6	2.665	96.8
289	11/17/2008 11:46	12.09	49.391	32.22	8.5	8.24	4.6	2.745	96.8
290	11/17/2008 12:01	11.97	49.515	32.3	8.48	8.24	5.1	2.82	96.3
291	11/17/2008 12:16	11.86	49.623	32.38	8.43	8.24	5.4	2.896	95.6
292	11/17/2008 12:31	11.74	49.731	32.45	8.38	8.24	5.4	2.969	94.8
293	11/17/2008 12:46	11.71	49.766	32.47	8.37	8.24	5	3.043	94.6

sonde #3		Indian Island Long-Term Deployment				Water Quality Data		TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
294	11/17/2008 13:01	11.6	49.855	32.53	8.3	8.24	5.6	3.11	93.7
295	11/17/2008 13:16	11.54	49.924	32.58	8.28	8.24	4.4	3.17	93.4
296	11/17/2008 13:31	11.49	50	32.63	8.26	8.24	4	3.226	93
297	11/17/2008 13:46	11.51	50.018	32.64	8.25	8.24	3.2	3.275	93
298	11/17/2008 14:01	11.45	50.067	32.68	8.2	8.24	2.9	3.309	92.4
299	11/17/2008 14:16	11.42	50.09	32.69	8.19	8.24	2.3	3.33	92.2
300	11/17/2008 14:31	11.56	49.988	32.63	8.19	8.24	2.3	3.34	92.4
301	11/17/2008 14:46	11.47	50.069	32.68	8.11	8.24	3.1	3.331	91.4
302	11/17/2008 15:01	11.44	50.082	32.69	8.14	8.24	3.1	3.296	91.7
303	11/17/2008 15:16	11.45	50.072	32.68	8.13	8.24	3.1	3.249	91.6
304	11/17/2008 15:31	11.83	49.842	32.53	8.55	8.26	3.7	3.177	96.9
305	11/17/2008 15:46	11.99	49.714	32.45	8.68	8.27	3.7	3.096	98.8
306	11/17/2008 16:01	12.09	49.638	32.4	8.6	8.26	3.8	2.988	98
307	11/17/2008 16:16	12.33	49.374	32.22	8.75	8.27	4.7	2.881	100.1
308	11/17/2008 16:31	12.4	49.297	32.16	8.78	8.27	4	2.769	100.6
309	11/17/2008 16:46	12.34	48.902	31.87	8.78	8.26	4.2	2.659	100.3
310	11/17/2008 17:01	12.56	49.108	32.03	8.87	8.27	4.3	2.533	101.8
311	11/17/2008 17:16	12.62	49.047	31.99	8.89	8.27	4.8	2.404	102.2
312	11/17/2008 17:31	12.74	48.928	31.91	8.91	8.05	6.2	2.298	102.6
313	11/17/2008 17:46	12.64	49.007	31.96	8.82	8.26	6.6	2.165	101.3
314	11/17/2008 18:01	12.65	48.953	31.92	8.72	8.26	6.9	2.024	100.2
315	11/17/2008 18:16	12.68	48.917	31.9	8.7	8.25	7.6	1.878	100.1
316	11/17/2008 18:31	12.7	48.903	31.89	8.73	8.25	7.3	1.738	100.4
317	11/17/2008 18:46	12.83	48.775	31.8	8.75	8.25	8.2	1.601	100.9
318	11/17/2008 19:01	12.93	48.657	31.72	8.74	8.04	8.2	1.454	101
319	11/17/2008 19:16	13.02	48.576	31.67	8.79	8.25	8.2	1.294	101.7
320	11/17/2008 19:31	13.14	48.445	31.58	8.81	8.04	9	1.158	102.1
321	11/17/2008 19:46	13.21	48.369	31.52	8.85	8.04	8.1	1.038	102.6
322	11/17/2008 20:01	13.29	48.269	31.45	8.86	8.04	8.1	0.91	103
323	11/17/2008 20:16	13.38	48.13	31.35	8.92	8.04	7	0.79	103.8
324	11/17/2008 20:31	13.43	48.06	31.31	8.97	8.05	6.9	0.713	104.4
325	11/17/2008 20:46	13.53	47.9	31.19	9.01	8.05	9.3	0.653	105
326	11/17/2008 21:01	13.54	47.871	31.17	9.01	8.05	5.2	0.633	105
327	11/17/2008 21:16	13.49	47.92	31.21	9	8.04	6.6	0.646	104.7
328	11/17/2008 21:31	13.53	47.854	31.16	9.12	8.05	4.3	0.695	106.2
329	11/17/2008 21:46	13.5	47.911	31.2	9.08	8.05	4.5	0.759	105.8
330	11/17/2008 22:01	13.43	47.874	31.17	9.14	8.05	4.2	0.811	106.3
331	11/17/2008 22:16	13.43	47.903	31.19	9.12	8.05	4.4	0.893	106.1
332	11/17/2008 22:31	13.43	47.916	31.2	9.1	8.05	4.5	0.95	105.8
333	11/17/2008 22:46	13.39	47.83	31.14	9.05	8.04	4.8	1.025	105.1
334	11/17/2008 23:01	13.38	47.925	31.21	9.03	8.04	4.6	1.096	104.9
335	11/17/2008 23:16	13.35	47.873	31.17	8.99	8.04	4.8	1.154	104.4
336	11/17/2008 23:31	13.33	47.852	31.15	8.98	8.04	5.1	1.26	104.2
337	11/17/2008 23:46	13.29	47.657	31.01	8.95	8.03	5.2	1.346	103.7
338	11/18/2008 0:01	13.26	47.889	31.18	8.96	8.03	4.9	1.429	103.9
339	11/18/2008 0:16	13.22	47.845	31.14	8.94	8.24	4.5	1.533	103.5
340	11/18/2008 0:31	13.18	48.057	31.29	8.94	8.03	4.8	1.64	103.5
341	11/18/2008 0:46	13.11	48.235	31.42	8.87	8.03	5.7	1.749	102.6
342	11/18/2008 1:01	13.08	48.429	31.56	8.84	8.24	5.9	1.846	102.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
343	11/18/2008 1:16	13.04	48.539	31.64	8.84	8.24	5.9	1.959	102.3
344	11/18/2008 1:31	13.01	48.572	31.66	8.85	8.24	6.1	2.061	102.4
345	11/18/2008 1:46	12.94	48.642	31.71	8.83	8.24	6.9	2.156	102
346	11/18/2008 2:01	12.84	48.711	31.76	8.8	8.24	6.5	2.239	101.4
347	11/18/2008 2:16	12.75	48.796	31.81	8.76	8.24	7.6	2.334	100.9
348	11/18/2008 2:31	12.6	48.913	31.89	8.74	8.24	8.3	2.42	100.4
349	11/18/2008 2:46	12.5	49.018	31.97	8.71	8.24	8.1	2.493	99.9
350	11/18/2008 3:01	12.31	49.198	32.09	8.64	8.24	7.9	2.563	98.8
351	11/18/2008 3:16	12.07	49.453	32.26	8.59	8.24	7	2.64	97.7
352	11/18/2008 3:31	11.98	49.563	32.34	8.57	8.24	6.7	2.711	97.4
353	11/18/2008 3:46	11.96	49.578	32.35	8.54	8.24	7.1	2.764	97.1
354	11/18/2008 4:01	11.95	49.577	32.35	8.52	8.24	5.9	2.821	96.8
355	11/18/2008 4:16	11.89	49.626	32.38	8.49	8.24	5.1	2.873	96.3
356	11/18/2008 4:31	11.86	49.652	32.4	8.47	8.24	3.5	2.898	96.1
357	11/18/2008 4:46	12	49.517	32.31	8.4	8.24	3.7	2.911	95.5
358	11/18/2008 5:01	11.88	49.593	32.35	8.4	8.02	4.2	2.907	95.3
359	11/18/2008 5:16	11.87	49.649	32.39	8.4	8.24	4.3	2.894	95.3
360	11/18/2008 5:31	11.89	49.643	32.39	8.4	8.24	4.4	2.842	95.3
361	11/18/2008 5:46	12.13	49.362	32.2	8.39	8.24	4.7	2.778	95.5
362	11/18/2008 6:01	12.15	49.351	32.19	8.43	8.24	5.6	2.716	96.1
363	11/18/2008 6:16	12.23	49.269	32.14	8.44	8.24	5.5	2.644	96.3
364	11/18/2008 6:31	12.24	49.263	32.13	8.41	8.24	4.1	2.565	96
365	11/18/2008 6:46	12.3	49.176	32.07	8.4	8.23	4.3	2.485	96
366	11/18/2008 7:01	12.5	48.923	31.9	8.4	8.23	4.9	2.422	96.2
367	11/18/2008 7:16	12.57	48.876	31.87	8.44	8.23	5	2.359	96.8
368	11/18/2008 7:31	12.65	48.792	31.81	8.43	8.23	5.2	2.295	96.8
369	11/18/2008 7:46	12.66	48.768	31.79	8.37	8.22	4.4	2.232	96.1
370	11/18/2008 8:01	12.65	48.581	31.65	8.34	8.01	9.6	2.182	95.8
371	11/18/2008 8:16	12.67	48.764	31.79	8.39	8.01	3.8	2.14	96.5
372	11/18/2008 8:31	12.69	48.742	31.77	8.42	8.23	4.3	2.08	96.8
373	11/18/2008 8:46	12.76	48.662	31.72	8.46	8.23	4.1	2.053	97.4
374	11/18/2008 9:01	12.85	48.542	31.63	8.46	8.23	4.1	2.023	97.5
375	11/18/2008 9:16	12.89	48.477	31.59	8.4	8.22	3.5	2.004	96.8
376	11/18/2008 9:31	12.93	48.374	31.52	8.33	8.21	3.2	1.989	96
377	11/18/2008 9:46	12.93	48.369	31.51	8.24	8.21	2.9	1.99	95.1
378	11/18/2008 10:01	12.87	48.485	31.59	8.42	8.22	3.4	2.009	97
379	11/18/2008 10:16	12.83	48.529	31.62	8.39	8.22	3.4	2.034	96.6
380	11/18/2008 10:31	12.81	48.572	31.65	8.41	8.22	3.6	2.065	96.9
381	11/18/2008 10:46	12.81	48.594	31.67	8.44	8.22	3.5	2.104	97.2
382	11/18/2008 11:01	12.81	48.553	31.64	8.45	8.22	4	2.166	97.3
383	11/18/2008 11:16	12.81	48.419	31.54	8.41	8.21	4.2	2.223	96.8
384	11/18/2008 11:31	12.77	48.554	31.64	8.42	8.21	3.9	2.275	96.8
385	11/18/2008 11:46	12.7	48.712	31.75	8.46	8.22	4.1	2.34	97.2
386	11/18/2008 12:01	12.59	48.838	31.84	8.45	8.22	4	2.4	97
387	11/18/2008 12:16	12.41	49.055	31.99	8.44	8.22	4	2.464	96.6
388	11/18/2008 12:31	12.32	49.188	32.08	8.49	8.23	3.9	2.523	97.1
389	11/18/2008 12:46	12.24	49.276	32.14	8.5	8.23	3.5	2.589	97.1
390	11/18/2008 13:01	12.18	49.342	32.19	8.49	8.23	3.6	2.655	96.8
391	11/18/2008 13:16	12.14	49.383	32.21	8.48	8.23	3.4	2.72	96.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
392	11/18/2008 13:31	12.05	49.472	32.27	8.45	8.23	3.4	2.783	96.2
393	11/18/2008 13:46	11.95	49.55	32.33	8.43	8.23	3.8	2.849	95.7
394	11/18/2008 14:01	11.84	49.649	32.39	8.35	8.23	3.8	2.909	94.7
395	11/18/2008 14:16	11.8	49.678	32.41	8.32	8.23	3.8	2.964	94.2
396	11/18/2008 14:31	11.74	49.724	32.44	8.27	8.23	3.4	3.022	93.5
397	11/18/2008 14:46	11.68	49.789	32.49	8.23	8.23	3.5	3.059	93
398	11/18/2008 15:01	11.63	49.828	32.51	8.19	8.23	3	3.086	92.5
399	11/18/2008 15:16	11.6	49.866	32.54	8.15	8.23	2.4	3.114	92
400	11/18/2008 15:31	11.72	49.771	32.48	8.12	8.23	2.5	3.113	91.9
401	11/18/2008 15:46	11.63	49.837	32.52	8.11	8.22	3.1	3.102	91.6
402	11/18/2008 16:01	11.61	49.871	32.54	8.12	8.22	3	3.067	91.7
403	11/18/2008 16:16	11.66	49.824	32.51	8.13	8.23	2.9	3.019	91.8
404	11/18/2008 16:31	12.23	49.357	32.2	8.69	8.04	2.9	2.952	99.1
405	11/18/2008 16:46	12.1	49.454	32.26	8.47	8.02	3.8	2.881	96.5
406	11/18/2008 17:01	12.16	49.395	32.22	8.52	8.02	4.9	2.789	97.1
407	11/18/2008 17:16	12.28	49.283	32.15	8.53	8.24	4.6	2.697	97.5
408	11/18/2008 17:31	12.31	49.232	32.11	8.5	8.24	4.6	2.607	97.1
409	11/18/2008 17:46	12.41	49.127	32.04	8.54	8.02	4.6	2.499	97.7
410	11/18/2008 18:01	12.57	48.971	31.93	8.59	8.24	4.9	2.405	98.6
411	11/18/2008 18:16	12.67	48.855	31.85	8.62	8.02	5.4	2.305	99.1
412	11/18/2008 18:31	12.7	48.856	31.86	8.69	8.03	4.6	2.188	100
413	11/18/2008 18:46	12.5	49.048	31.99	8.48	8.23	4.6	2.079	97.2
414	11/18/2008 19:01	12.54	48.956	31.92	8.48	8.23	6.5	1.95	97.3
415	11/18/2008 19:16	12.54	48.945	31.91	8.46	8.23	5.9	1.84	97
416	11/18/2008 19:31	12.6	48.876	31.87	8.43	8.23	6.5	1.708	96.7
417	11/18/2008 19:46	12.71	48.747	31.78	8.46	8.23	8.5	1.578	97.2
418	11/18/2008 20:01	12.77	48.673	31.73	8.47	8.22	6.8	1.476	97.5
419	11/18/2008 20:16	12.85	48.578	31.66	8.43	8.01	6.3	1.344	97.2
420	11/18/2008 20:31	12.87	48.561	31.65	8.45	8.01	6.3	1.222	97.4
421	11/18/2008 20:46	12.98	48.424	31.55	8.5	8.01	6.5	1.123	98.1
422	11/18/2008 21:01	13.07	48.3	31.47	8.52	8.22	6.8	1.038	98.5
423	11/18/2008 21:16	13.15	48.171	31.38	8.55	8.23	5.6	0.964	99
424	11/18/2008 21:31	13.18	48.092	31.32	8.56	7.91	5.1	0.891	99.1
425	11/18/2008 21:46	13.19	48.035	31.28	8.55	8.01	3.8	0.86	99
426	11/18/2008 22:01	13.2	48.006	31.26	8.52	8.01	3.1	0.861	98.6
427	11/18/2008 22:16	13.18	48.02	31.27	8.58	8.01	3.9	0.866	99.3
428	11/18/2008 22:31	13.17	48.061	31.3	8.61	8.01	4	0.885	99.7
429	11/18/2008 22:46	13.16	48.103	31.33	8.61	8.23	3.8	0.937	99.7
430	11/18/2008 23:01	13.14	48.115	31.34	8.63	8.23	4.9	0.998	99.9
431	11/18/2008 23:16	13.13	48.11	31.33	8.66	8.02	4.8	1.058	100.2
432	11/18/2008 23:31	13.11	48.014	31.26	8.62	8.01	4.9	1.121	99.6
433	11/18/2008 23:46	13.1	48.038	31.28	8.58	8.01	4.4	1.183	99.2
434	11/19/2008 0:01	13.08	48.073	31.3	8.57	8.01	4.5	1.274	99
435	11/19/2008 0:16	13.07	47.987	31.24	8.56	8.21	4.4	1.344	98.8
436	11/19/2008 0:31	13.04	47.8	31.1	8.54	8.21	4.4	1.415	98.5
437	11/19/2008 0:46	13.04	47.884	31.16	8.55	8.21	4.2	1.501	98.6
438	11/19/2008 1:01	13	47.988	31.24	8.56	8	4	1.592	98.7
439	11/19/2008 1:16	12.96	48.137	31.35	8.56	8.21	4.1	1.689	98.7
440	11/19/2008 1:31	12.92	48.276	31.44	8.55	8.22	4.3	1.776	98.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
441	11/19/2008 1:46	12.83	48.549	31.64	8.53	8.22	4.6	1.867	98.2
442	11/19/2008 2:01	12.79	48.626	31.69	8.54	8.22	4.7	1.968	98.3
443	11/19/2008 2:16	12.75	48.697	31.74	8.54	8.22	5.4	2.062	98.2
444	11/19/2008 2:31	12.73	48.723	31.76	8.53	8.22	5.3	2.151	98.1
445	11/19/2008 2:46	12.64	48.79	31.81	8.53	8.22	5.2	2.227	98
446	11/19/2008 3:01	12.56	48.85	31.85	8.51	8.22	5.9	2.318	97.6
447	11/19/2008 3:16	12.47	48.938	31.91	8.49	8.01	6	2.397	97.2
448	11/19/2008 3:31	12.34	49.071	32	8.47	8.22	7.4	2.469	96.8
449	11/19/2008 3:46	12.27	49.149	32.05	8.46	8.22	6	2.547	96.5
450	11/19/2008 4:01	12.13	49.262	32.13	8.4	8.21	6.4	2.627	95.7
451	11/19/2008 4:16	11.88	49.499	32.29	8.28	8.21	5.7	2.703	93.8
452	11/19/2008 4:31	11.75	49.648	32.39	8.23	8.21	5.6	2.761	93.1
453	11/19/2008 4:46	11.73	49.677	32.41	8.19	8.21	5.2	2.826	92.7
454	11/19/2008 5:01	11.68	49.744	32.45	8.2	8.21	4.8	2.892	92.6
455	11/19/2008 5:16	11.68	49.732	32.45	8.17	8.21	4.2	2.922	92.3
456	11/19/2008 5:31	11.66	49.743	32.45	8.13	8.21	3.7	2.951	91.8
457	11/19/2008 5:46	11.76	49.647	32.39	8.11	8.22	3.5	2.969	91.7
458	11/19/2008 6:01	11.7	49.722	32.44	8.1	8.22	3.6	2.961	91.5
459	11/19/2008 6:16	11.66	49.743	32.45	8.11	8.22	3.8	2.917	91.6
460	11/19/2008 6:31	11.68	49.721	32.44	8.1	8.22	4.2	2.876	91.6
461	11/19/2008 6:46	11.99	49.375	32.2	8.1	8.21	5.6	2.817	92
462	11/19/2008 7:01	12.02	49.334	32.17	8.1	8.21	3.9	2.741	92
463	11/19/2008 7:16	12.08	49.273	32.13	8.13	8.21	4.8	2.66	92.5
464	11/19/2008 7:31	12.12	49.191	32.07	8.13	8.21	3.7	2.586	92.5
465	11/19/2008 7:46	12.19	49.084	32	8.11	8.2	3.8	2.51	92.4
466	11/19/2008 8:01	12.28	48.97	31.92	8.1	8.2	3.6	2.437	92.4
467	11/19/2008 8:16	12.39	48.868	31.85	8.11	8.2	4	2.373	92.7
468	11/19/2008 8:31	12.42	48.844	31.84	8.18	8.2	4.5	2.303	93.5
469	11/19/2008 8:46	12.46	48.815	31.82	8.17	8.2	4	2.245	93.5
470	11/19/2008 9:01	12.48	48.795	31.8	8.17	8.2	3.4	2.178	93.5
471	11/19/2008 9:16	12.51	48.788	31.8	8.21	8.2	3.5	2.12	94
472	11/19/2008 9:31	12.51	48.788	31.8	8.28	8.21	3.7	2.069	94.9
473	11/19/2008 9:46	12.6	48.696	31.74	8.3	8.21	4.1	2.018	95.2
474	11/19/2008 10:01	12.64	48.627	31.69	8.29	7.99	3.8	1.981	95.2
475	11/19/2008 10:16	12.7	48.551	31.64	8.26	8.21	3.5	1.934	94.9
476	11/19/2008 10:31	12.71	48.506	31.6	8.23	8.2	3.1	1.916	94.5
477	11/19/2008 10:46	12.76	48.445	31.56	8.16	8.2	2.7	1.906	93.8
478	11/19/2008 11:01	12.76	48.465	31.57	8.1	8.2	2.3	1.881	93.2
479	11/19/2008 11:16	12.72	48.515	31.61	8.23	8.2	3	1.907	94.5
480	11/19/2008 11:31	12.69	48.565	31.65	8.22	8.2	3.4	1.93	94.4
481	11/19/2008 11:46	12.66	48.601	31.67	8.26	8.2	3.4	1.952	94.8
482	11/19/2008 12:01	12.68	48.611	31.68	8.28	8.21	3.5	1.987	95.1
483	11/19/2008 12:16	12.66	48.641	31.7	8.25	8.2	3.4	2.035	94.8
484	11/19/2008 12:31	12.69	48.476	31.58	8.22	8.19	3.8	2.092	94.3
485	11/19/2008 12:46	12.67	48.513	31.61	8.19	8.19	3.3	2.135	94.1
486	11/19/2008 13:01	12.61	48.66	31.71	8.24	8.2	3.4	2.199	94.5
487	11/19/2008 13:16	12.55	48.761	31.78	8.23	8.2	3.5	2.265	94.3
488	11/19/2008 13:31	12.41	48.926	31.89	8.21	8.2	3.5	2.314	93.9
489	11/19/2008 13:46	12.32	49.055	31.98	8.2	8.2	3.5	2.369	93.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
490	11/19/2008 14:01	12.31	49.084	32.01	8.22	8.21	3.2	2.434	93.9
491	11/19/2008 14:16	12.23	49.198	32.08	8.26	8.21	3.1	2.498	94.2
492	11/19/2008 14:31	12.19	49.247	32.12	8.26	8.21	3.7	2.549	94.1
493	11/19/2008 14:46	12.15	49.301	32.16	8.25	8.21	2.9	2.61	94
494	11/19/2008 15:01	12.11	49.348	32.19	8.27	8.22	2.9	2.664	94.1
495	11/19/2008 15:16	12.03	49.42	32.24	8.24	8.21	2.8	2.722	93.7
496	11/19/2008 15:31	11.96	49.501	32.29	8.2	8.21	2.9	2.764	93.1
497	11/19/2008 15:46	11.92	49.55	32.33	8.18	8.21	2.7	2.805	92.8
498	11/19/2008 16:01	11.88	49.565	32.33	8.18	8.21	2.6	2.844	92.8
499	11/19/2008 16:16	11.85	49.619	32.37	8.15	8.21	2.5	2.864	92.4
500	11/19/2008 16:31	11.83	49.636	32.38	8.09	8.21	2.2	2.888	91.7
501	11/19/2008 16:46	11.9	49.592	32.36	8.15	8.21	2.1	2.881	92.5
502	11/19/2008 17:01	11.84	49.627	32.38	8.08	8.21	2.6	2.878	91.6
503	11/19/2008 17:16	11.83	49.636	32.38	8.09	8.21	2.4	2.849	91.7
504	11/19/2008 17:31	11.85	49.627	32.38	8.1	8.21	2.6	2.806	91.8
505	11/19/2008 17:46	12.26	49.264	32.13	8.53	8.24	3.5	2.755	97.4
506	11/19/2008 18:01	12.22	49.312	32.17	8.44	8.24	3.3	2.686	96.3
507	11/19/2008 18:16	12.27	49.21	32.09	8.46	8.23	3.3	2.618	96.6
508	11/19/2008 18:31	12.39	49.11	32.03	8.51	8.23	3.5	2.532	97.3
509	11/19/2008 18:46	12.4	49.099	32.02	8.56	8.23	4.2	2.449	98
510	11/19/2008 19:01	12.52	48.989	31.95	8.61	8.24	3.7	2.374	98.7
511	11/19/2008 19:16	12.63	48.905	31.89	8.85	8.25	3.9	2.258	101.7
512	11/19/2008 19:31	12.83	48.828	31.84	9.09	8.27	4.5	2.172	104.9
513	11/19/2008 19:46	12.8	48.797	31.82	8.99	8.26	18.6	2.084	103.6
514	11/19/2008 20:01	12.64	48.877	31.87	8.79	8.25	3.9	1.981	101
515	11/19/2008 20:16	12.49	48.907	31.88	8.48	8.22	5.9	1.859	97.1
516	11/19/2008 20:31	12.5	48.859	31.85	8.48	8.22	5.7	1.758	97.1
517	11/19/2008 20:46	12.59	48.727	31.76	8.53	8.23	5.9	1.661	97.9
518	11/19/2008 21:01	12.62	48.676	31.72	8.58	8.23	4.9	1.555	98.5
519	11/19/2008 21:16	12.66	48.597	31.67	8.66	8.24	4.8	1.449	99.4
520	11/19/2008 21:31	12.76	48.496	31.6	8.74	8.24	4.9	1.352	100.4
521	11/19/2008 21:46	12.8	48.419	31.54	8.83	8.25	4.3	1.297	101.6
522	11/19/2008 22:01	12.82	48.37	31.51	8.95	8.26	3.8	1.208	103
523	11/19/2008 22:16	12.87	48.271	31.44	9.12	8.27	3.5	1.138	105
524	11/19/2008 22:31	12.9	48.25	31.42	9.06	8.27	3.2	1.12	104.4
525	11/19/2008 22:46	12.91	48.228	31.41	9.04	8.27	2.9	1.087	104.2
526	11/19/2008 23:01	12.92	48.211	31.4	9.05	8.27	2.5	1.059	104.3
527	11/19/2008 23:16	12.89	48.221	31.4	9.06	8.27	3.2	1.069	104.3
528	11/19/2008 23:31	12.88	48.245	31.42	9.08	8.27	3.1	1.099	104.5
529	11/19/2008 23:46	12.86	48.242	31.42	9.05	8.26	2.9	1.126	104.2
530	11/20/2008 0:01	12.86	48.286	31.45	9	8.26	3.2	1.171	103.6
531	11/20/2008 0:16	12.85	48.308	31.46	8.99	8.26	3.3	1.244	103.5
532	11/20/2008 0:31	12.84	48.289	31.45	8.97	8.25	3.5	1.291	103.2
533	11/20/2008 0:46	12.83	47.947	31.2	8.91	8.25	4.1	1.367	102.4
534	11/20/2008 1:01	12.83	47.896	31.17	8.9	8.24	4.2	1.449	102.3
535	11/20/2008 1:16	12.82	47.88	31.15	8.88	8.24	4	1.52	102
536	11/20/2008 1:31	12.82	47.962	31.21	8.87	8.24	3.7	1.593	101.9
537	11/20/2008 1:46	12.8	48.186	31.37	8.84	8.24	3.5	1.674	101.6
538	11/20/2008 2:01	12.77	48.295	31.45	8.78	8.24	3.7	1.762	100.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
539	11/20/2008 2:16	12.7	48.45	31.56	8.69	8.23	3.7	1.837	99.8
540	11/20/2008 2:31	12.65	48.54	31.63	8.6	8.22	3.7	1.928	98.6
541	11/20/2008 2:46	12.6	48.676	31.72	8.52	8.22	3.8	2.019	97.7
542	11/20/2008 3:01	12.57	48.749	31.77	8.48	8.21	4.3	2.094	97.2
543	11/20/2008 3:16	12.53	48.795	31.8	8.46	8.21	4.7	2.185	96.9
544	11/20/2008 3:31	12.45	48.903	31.88	8.43	8	4.9	2.267	96.5
545	11/20/2008 3:46	12.39	48.973	31.93	8.41	8.21	5.1	2.349	96.1
546	11/20/2008 4:01	12.32	49.042	31.97	8.36	8.21	5.7	2.432	95.5
547	11/20/2008 4:16	12.19	49.132	32.03	8.33	8.21	6	2.515	94.9
548	11/20/2008 4:31	12.07	49.256	32.12	8.31	8.2	6.2	2.594	94.4
549	11/20/2008 4:46	11.93	49.369	32.19	8.25	8.2	5.8	2.675	93.5
550	11/20/2008 5:01	11.77	49.54	32.31	8.17	8.19	5.2	2.756	92.4
551	11/20/2008 5:16	11.63	49.682	32.41	8.12	8.19	5	2.827	91.6
552	11/20/2008 5:31	11.57	49.72	32.43	8.08	8.19	4.2	2.901	91.2
553	11/20/2008 5:46	11.51	49.783	32.47	8.08	8.19	4.2	2.961	91
554	11/20/2008 6:01	11.48	49.838	32.51	8.07	8.2	3.8	3.016	90.9
555	11/20/2008 6:16	11.47	49.852	32.52	8.05	8.2	3.4	3.058	90.7
556	11/20/2008 6:31	11.58	49.715	32.43	8.05	8.2	3.3	3.063	90.8
557	11/20/2008 6:46	11.52	49.81	32.49	8.02	7.75	3.3	3.058	90.4
558	11/20/2008 7:01	11.48	49.832	32.51	8.04	8.2	3.6	3.032	90.5
559	11/20/2008 7:16	11.62	49.635	32.37	8.02	8.2	3.1	2.974	90.5
560	11/20/2008 7:31	11.84	49.22	32.08	8.11	8.2	3.5	2.93	91.8
561	11/20/2008 7:46	11.82	49.328	32.16	8.12	8.2	3.1	2.853	91.9
562	11/20/2008 8:01	11.98	49.133	32.03	8.16	8.2	4.3	2.762	92.6
563	11/20/2008 8:16	12.04	49.09	32	8.17	8.2	4.8	2.704	92.8
564	11/20/2008 8:31	12.09	49.043	31.97	8.17	8.2	4	2.621	92.9
565	11/20/2008 8:46	12.19	48.908	31.87	8.22	8.2	3.7	2.538	93.6
566	11/20/2008 9:01	12.27	48.823	31.81	8.26	8.2	4	2.461	94.2
567	11/20/2008 9:16	12.35	48.733	31.75	8.31	8.2	4	2.39	94.9
568	11/20/2008 9:31	12.35	48.738	31.76	8.3	8.2	3.8	2.322	94.7
569	11/20/2008 9:46	12.38	48.74	31.76	8.33	8.21	3.7	2.247	95.1
570	11/20/2008 10:01	12.49	48.585	31.65	8.44	8.21	3.7	2.175	96.5
571	11/20/2008 10:16	12.51	48.661	31.71	8.47	8.21	3.8	2.107	97
572	11/20/2008 10:31	12.55	48.661	31.71	8.56	8.22	4	2.04	98.1
573	11/20/2008 10:46	12.59	48.625	31.68	8.57	8.22	3.7	1.976	98.3
574	11/20/2008 11:01	12.68	48.534	31.62	8.63	8.23	3.2	1.9	99.1
575	11/20/2008 11:16	12.73	48.521	31.61	8.71	8.23	3.2	1.855	100
576	11/20/2008 11:31	12.78	48.439	31.56	8.71	8.23	2.9	1.805	100.2
577	11/20/2008 11:46	12.82	48.386	31.52	8.72	8.23	3	1.772	100.3
578	11/20/2008 12:01	12.88	48.342	31.49	8.77	8.24	2.4	1.748	101.1
579	11/20/2008 12:16	12.92	43.663	28.13	8.94	8.23	2.4	1.739	101
580	11/20/2008 12:31	12.85	44.062	28.41	8.91	8.23	2.8	1.757	100.6
581	11/20/2008 12:46	12.8	45.536	29.46	8.79	8.23	2.9	1.759	99.9
582	11/20/2008 13:01	12.8	45.383	29.35	8.79	8.22	3	1.789	99.8
583	11/20/2008 13:16	12.78	45.223	29.24	8.76	8.22	3.5	1.835	99.3
584	11/20/2008 13:31	12.72	43.046	27.68	8.8	8.22	3.4	1.882	98.6
585	11/20/2008 13:46	12.77	43.352	27.9	8.76	8.21	3.4	1.932	98.4
586	11/20/2008 14:01	12.78	48.36	31.5	8.54	8.21	3.4	1.99	98.1
587	11/20/2008 14:16	12.72	48.419	31.54	8.47	8.21	3.3	2.043	97.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
588	11/20/2008 14:31	12.68	48.529	31.62	8.48	8.21	3.2	2.099	97.4
589	11/20/2008 14:46	12.66	48.557	31.64	8.46	8.21	3	2.157	97.1
590	11/20/2008 15:01	12.61	48.611	31.67	8.41	8.2	3	2.228	96.5
591	11/20/2008 15:16	12.51	48.702	31.74	8.35	8.2	3.1	2.265	95.6
592	11/20/2008 15:31	12.47	48.759	31.78	8.34	8.2	2.9	2.32	95.4
	Mean	12.60	48.73	31.76	8.50	8.14	5.69	2.16	97.51
	Minimum	11.19	43.05	27.68	7.92	7.75	2.10	0.23	89.00
	Maximum	14.12	50.24	32.78	9.14	8.27	20.80	3.68	106.30
	Standard Dev.	0.66	0.91	0.64	0.27	0.11	2.51	0.78	3.74

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						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	11/20/2008 15:46	12.47	48.812	31.81	8.36	8.2	2.9	2.382	95.6
1	11/20/2008 16:01	12.44	48.892	31.87	8.37	8.2	2.9	2.432	95.7
2	11/20/2008 16:16	12.39	48.935	31.9	8.37	8.2	3	2.48	95.7
3	11/20/2008 16:31	12.36	48.944	31.91	8.35	8.2	3	2.522	95.4
4	11/20/2008 16:46	12.32	48.995	31.94	8.34	8.2	2.9	2.572	95.2
5	11/20/2008 17:01	12.25	49.051	31.98	8.31	8.2	2.9	2.605	94.8
6	11/20/2008 17:16	12.21	49.097	32.01	8.29	8.2	2.9	2.641	94.5
7	11/20/2008 17:31	12.15	49.155	32.05	8.24	8.2	2.7	2.682	93.9
8	11/20/2008 17:46	12.11	49.197	32.08	8.22	8.2	2.7	2.702	93.6
9	11/20/2008 18:01	12.14	49.149	32.05	8.2	8.2	2.9	2.708	93.3
10	11/20/2008 18:16	12.12	49.187	32.07	8.15	8.2	2.4	2.699	92.7
11	11/20/2008 18:31	12.1	49.207	32.09	8.18	8.2	2.6	2.7	93.1
12	11/20/2008 18:46	12.11	49.211	32.09	8.2	8.2	2.7	2.652	93.2
13	11/20/2008 19:01	12.16	49.142	32.04	8.21	8.2	2.9	2.61	93.5
14	11/20/2008 19:16	12.35	48.946	31.91	8.27	8.21	3.1	2.568	94.5
15	11/20/2008 19:31	12.4	48.976	31.93	8.42	8.22	3.4	2.508	96.3
16	11/20/2008 19:46	12.55	48.859	31.85	8.46	8.23	3.7	2.433	97.1
17	11/20/2008 20:01	12.48	48.791	31.8	8.34	8.21	4	2.349	95.5
18	11/20/2008 20:16	12.43	48.761	31.78	8.31	8.2	4	2.266	95
19	11/20/2008 20:31	12.45	48.735	31.76	8.4	8.21	3.9	2.178	96.1
20	11/20/2008 20:46	12.52	48.71	31.74	8.6	8.23	4	2.107	98.4
21	11/20/2008 21:01	12.58	48.672	31.72	8.74	8.24	3.8	2.012	100.2
22	11/20/2008 21:16	12.43	48.687	31.72	8.51	8.22	3.8	1.918	97.3
23	11/20/2008 21:31	12.4	48.675	31.71	8.46	8.21	4.2	1.841	96.6
24	11/20/2008 21:46	12.46	48.582	31.65	8.6	8.23	4.5	1.761	98.3
25	11/20/2008 22:01	12.56	48.491	31.59	8.71	8.24	4.4	1.652	99.8
26	11/20/2008 22:16	12.6	48.435	31.55	8.78	8.25	4.2	1.583	100.6
27	11/20/2008 22:31	12.63	48.399	31.52	8.89	8.26	3.7	1.513	101.9
28	11/20/2008 22:46	12.68	48.313	31.46	9.12	8.28	3.4	1.433	104.6
29	11/20/2008 23:01	12.71	48.256	31.42	9.28	8.3	3.2	1.381	106.5
30	11/20/2008 23:16	12.71	48.223	31.4	9.36	8.3	2.9	1.314	107.4
31	11/20/2008 23:31	12.73	48.214	31.39	9.36	8.31	2.7	1.293	107.4
32	11/20/2008 23:46	12.75	48.139	31.34	9.51	8.32	2.6	1.268	109.2
33	11/21/2008 0:01	12.78	48.093	31.31	9.61	8.33	2.5	1.228	110.4
34	11/21/2008 0:16	12.73	48.113	31.32	9.62	8.33	2	1.242	110.4
35	11/21/2008 0:31	12.7	48.177	31.36	9.48	8.31	2.6	1.287	108.7
36	11/21/2008 0:46	12.68	48.21	31.39	9.36	8.3	3.3	1.293	107.3
37	11/21/2008 1:01	12.69	48.219	31.39	9.34	8.3	3.2	1.332	107.1
38	11/21/2008 1:16	12.68	48.242	31.41	9.3	8.29	3	1.413	106.6
39	11/21/2008 1:31	12.67	48.254	31.42	9.21	8.28	3.4	1.447	105.6
40	11/21/2008 1:46	12.62	48.049	31.27	9.08	8.27	3.6	1.536	103.9
41	11/21/2008 2:01	12.62	48.044	31.27	9.07	8.27	3.3	1.61	103.8
42	11/21/2008 2:16	12.61	48.001	31.23	9.01	8.26	3.4	1.658	103.1
43	11/21/2008 2:31	12.6	48.023	31.25	8.94	8.26	3.3	1.744	102.2
44	11/21/2008 2:46	12.61	48.19	31.37	8.87	8.25	3.2	1.829	101.5
45	11/21/2008 3:01	12.55	48.274	31.43	8.72	8.23	3.6	1.906	99.8
46	11/21/2008 3:16	12.53	48.412	31.53	8.6	8.22	3.5	1.973	98.4
47	11/21/2008 3:31	12.45	48.525	31.61	8.48	8.21	3.5	2.071	96.9
48	11/21/2008 3:46	12.41	48.624	31.68	8.45	8.21	4.3	2.156	96.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
49	11/21/2008 4:01	12.37	48.706	31.73	8.43	8.21	4.5	2.227	96.2
50	11/21/2008 4:16	12.33	48.765	31.78	8.42	8.21	4.3	2.314	96
51	11/21/2008 4:31	12.27	48.843	31.83	8.37	8.2	5.1	2.387	95.4
52	11/21/2008 4:46	12.18	48.913	31.88	8.33	8.2	4.8	2.47	94.8
53	11/21/2008 5:01	12.12	49	31.94	8.29	8.2	5.2	2.56	94.3
54	11/21/2008 5:16	11.91	49.136	32.02	8.28	8.2	6	2.626	93.7
55	11/21/2008 5:31	11.79	49.247	32.1	8.26	8.19	6.2	2.708	93.4
56	11/21/2008 5:46	11.69	49.339	32.16	8.25	8.19	5.4	2.781	93.1
57	11/21/2008 6:01	11.56	49.524	32.29	8.25	8.19	5.2	2.84	92.9
58	11/21/2008 6:16	11.47	49.645	32.37	8.3	8.19	4.6	2.921	93.4
59	11/21/2008 6:31	11.39	49.758	32.45	8.37	7.75	4.3	2.975	94
60	11/21/2008 6:46	11.36	49.793	32.47	8.41	8.2	3.8	3.017	94.4
61	11/21/2008 7:01	11.35	49.815	32.49	8.4	7.76	3.7	3.069	94.3
62	11/21/2008 7:16	11.32	49.83	32.5	8.38	8.21	3.5	3.075	94
63	11/21/2008 7:31	11.37	49.766	32.45	8.35	8.2	4.8	3.077	93.7
64	11/21/2008 7:46	11.32	49.836	32.5	8.37	8.2	3.4	3.084	93.9
65	11/21/2008 8:01	11.3	49.867	32.52	8.39	7.75	3.5	3.042	94.1
66	11/21/2008 8:16	11.4	49.652	32.37	8.32	7.75	3.4	2.985	93.4
67	11/21/2008 8:31	11.49	49.245	32.08	8.22	8.2	3.9	2.923	92.3
68	11/21/2008 8:46	11.52	49.32	32.14	8.28	8.2	4.1	2.852	93
69	11/21/2008 9:01	11.55	49.23	32.07	8.3	8.2	3.5	2.768	93.3
70	11/21/2008 9:16	11.64	49.129	32.01	8.39	8.21	3.2	2.667	94.5
71	11/21/2008 9:31	11.68	49.061	31.96	8.4	8.21	3.8	2.573	94.6
72	11/21/2008 9:46	11.78	48.91	31.85	8.37	8.21	3.9	2.49	94.5
73	11/21/2008 10:01	11.84	48.886	31.84	8.36	8.21	4.2	2.413	94.5
74	11/21/2008 10:16	11.87	48.733	31.73	8.5	8.22	3.8	2.317	96
75	11/21/2008 10:31	11.87	48.688	31.7	8.55	8.23	3.5	2.218	96.5
76	11/21/2008 10:46	11.95	48.718	31.72	8.6	8.23	3.4	2.148	97.3
77	11/21/2008 11:01	12.07	48.836	31.81	8.76	8.24	3.5	2.056	99.4
78	11/21/2008 11:16	12.16	48.924	31.88	8.89	8.25	3.3	1.968	101.2
79	11/21/2008 11:31	12.26	48.79	31.79	9.08	8.26	3.2	1.879	103.4
80	11/21/2008 11:46	12.34	48.813	31.81	9.22	8.27	3.2	1.8	105.2
81	11/21/2008 12:01	12.4	48.748	31.77	9.32	8.28	3	1.71	106.5
82	11/21/2008 12:16	12.45	48.658	31.7	9.42	8.28	3.1	1.642	107.7
83	11/21/2008 12:31	12.5	48.624	31.68	9.46	8.29	3	1.573	108.3
84	11/21/2008 12:46	12.54	48.512	31.6	9.62	8.31	2.7	1.539	110.1
85	11/21/2008 13:01	12.51	48.37	31.5	9.59	8.31	2.5	1.503	109.7
86	11/21/2008 13:16	12.5	48.312	31.45	9.54	8.32	2.1	1.486	109
87	11/21/2008 13:31	12.56	48.326	31.47	9.59	8.31	2.1	1.483	109.8
88	11/21/2008 13:46	12.52	48.322	31.46	9.59	8.32	2.4	1.491	109.6
89	11/21/2008 14:01	12.49	48.364	31.49	9.53	8.31	2.4	1.525	108.9
90	11/21/2008 14:16	12.52	48.416	31.53	9.42	8.3	2.4	1.565	107.8
91	11/21/2008 14:31	12.42	48.396	31.51	9.24	8.29	2.7	1.628	105.5
92	11/21/2008 14:46	12.43	48.446	31.55	9.23	8.28	2.7	1.684	105.4
93	11/21/2008 15:01	12.3	48.179	31.35	9.19	8.27	3.2	1.74	104.5
94	11/21/2008 15:16	12.27	48.15	31.33	9.1	8.27	3	1.818	103.4
95	11/21/2008 15:31	12.28	48.357	31.48	8.95	8.25	3.1	1.885	101.9
96	11/21/2008 15:46	12.31	48.468	31.56	8.92	8.25	2.7	1.941	101.6
97	11/21/2008 16:01	12.3	48.506	31.59	8.87	8.24	2.8	2.005	101

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
98	11/21/2008 16:16	12.23	48.584	31.64	8.74	8.23	2.9	2.07	99.5
99	11/21/2008 16:31	12.2	48.657	31.69	8.69	7.79	2.7	2.14	98.9
100	11/21/2008 16:46	12.16	48.747	31.75	8.59	7.78	2.8	2.188	97.7
101	11/21/2008 17:01	12.13	48.807	31.8	8.54	8.22	3	2.232	97
102	11/21/2008 17:16	12.11	48.829	31.81	8.51	8.21	3.1	2.302	96.7
103	11/21/2008 17:31	12.08	48.857	31.83	8.49	8.21	3.1	2.35	96.4
104	11/21/2008 17:46	12.03	48.925	31.88	8.45	8.21	2.9	2.403	95.8
105	11/21/2008 18:01	11.98	48.987	31.92	8.45	8.2	2.9	2.459	95.7
106	11/21/2008 18:16	11.92	49.033	31.95	8.42	8.2	2.7	2.497	95.4
107	11/21/2008 18:31	11.88	49.128	32.02	8.42	8.2	2.8	2.546	95.3
108	11/21/2008 18:46	11.86	49.134	32.02	8.42	8.2	2.9	2.576	95.2
109	11/21/2008 19:01	11.84	49.14	32.02	8.39	8.2	2.4	2.6	94.9
110	11/21/2008 19:16	11.81	49.214	32.08	8.39	8.2	2.4	2.622	94.9
111	11/21/2008 19:31	11.83	49.163	32.04	8.31	8.2	1.9	2.639	94
112	11/21/2008 19:46	11.81	49.219	32.08	8.3	8.2	2	2.636	93.8
113	11/21/2008 20:01	11.78	49.203	32.07	8.35	8.2	2.3	2.598	94.3
114	11/21/2008 20:16	11.79	49.221	32.08	8.35	8.2	2.4	2.565	94.4
115	11/21/2008 20:31	11.8	49.117	32.01	8.32	8.2	2.8	2.519	94
116	11/21/2008 20:46	11.8	48.823	31.79	8.33	8.21	3.3	2.456	94
117	11/21/2008 21:01	11.89	48.871	31.83	8.42	7.78	3.6	2.371	95.2
118	11/21/2008 21:16	11.93	48.849	31.82	8.47	7.78	3.6	2.305	95.9
119	11/21/2008 21:31	11.91	48.762	31.75	8.47	8.23	3.7	2.23	95.8
120	11/21/2008 21:46	11.89	48.784	31.77	8.47	8.22	3.6	2.154	95.7
121	11/21/2008 22:01	11.91	48.754	31.75	8.51	8.23	3.5	2.078	96.2
122	11/21/2008 22:16	11.95	48.712	31.72	8.7	8.24	3.5	2.003	98.5
123	11/21/2008 22:31	11.91	48.712	31.72	8.69	8.24	3.5	1.926	98.2
124	11/21/2008 22:46	11.92	48.683	31.7	8.76	8.25	3.6	1.856	99.1
125	11/21/2008 23:01	11.8	48.711	31.71	8.64	8.23	3.5	1.777	97.5
126	11/21/2008 23:16	11.87	48.625	31.65	8.77	7.82	3.4	1.687	99
127	11/21/2008 23:31	11.88	48.559	31.61	8.91	8.27	3.5	1.619	100.5
128	11/21/2008 23:46	11.9	48.493	31.56	9.04	8.28	3.1	1.561	102.1
129	11/22/2008 0:01	11.92	48.424	31.51	9.2	8.3	2.9	1.521	103.9
130	11/22/2008 0:16	11.92	48.367	31.47	9.36	8.32	12.5	1.46	105.6
131	11/22/2008 0:31	11.93	48.327	31.44	9.44	8.33	2.4	1.43	106.6
132	11/22/2008 0:46	11.93	48.284	31.41	9.49	8.34	2.3	1.401	107.1
133	11/22/2008 1:01	11.94	48.277	31.4	9.47	8.34	1.4	1.397	106.9
134	11/22/2008 1:16	11.89	48.299	31.42	9.49	8.34	2.4	1.394	107.1
135	11/22/2008 1:31	11.92	48.308	31.43	9.48	8.33	2.3	1.419	107
136	11/22/2008 1:46	11.9	48.332	31.44	9.42	8.32	2.5	1.445	106.3
137	11/22/2008 2:01	11.89	48.372	31.47	9.32	8.31	2.8	1.493	105.2
138	11/22/2008 2:16	11.9	48.404	31.49	9.18	8.29	2.7	1.566	103.6
139	11/22/2008 2:31	11.92	48.412	31.5	9.08	8.28	2.9	1.616	102.5
140	11/22/2008 2:46	11.74	48.195	31.34	8.91	8.27	3.5	1.698	100.2
141	11/22/2008 3:01	11.74	48.201	31.34	8.86	8.26	3.2	1.758	99.6
142	11/22/2008 3:16	11.78	48.277	31.4	8.79	8.25	2.9	1.843	98.9
143	11/22/2008 3:31	11.86	48.404	31.49	8.76	8.25	3.2	1.913	98.8
144	11/22/2008 3:46	11.89	48.518	31.58	8.68	8.24	3	1.987	98
145	11/22/2008 4:01	11.87	48.615	31.65	8.6	8.23	2.9	2.066	97.2
146	11/22/2008 4:16	11.87	48.702	31.71	8.53	8.22	3.1	2.139	96.3

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
147	11/22/2008 4:31	11.88	48.786	31.77	8.5	8.21	3.4	2.225	96.1
148	11/22/2008 4:46	11.89	48.836	31.81	8.5	8.21	3.8	2.296	96.1
149	11/22/2008 5:01	11.87	48.863	31.82	8.5	8.21	4	2.381	96.1
150	11/22/2008 5:16	11.82	48.953	31.89	8.46	8.2	4.2	2.458	95.5
151	11/22/2008 5:31	11.76	49.07	31.97	8.43	7.78	4.8	2.544	95.1
152	11/22/2008 5:46	11.71	49.173	32.04	8.42	7.78	5.2	2.604	95
153	11/22/2008 6:01	11.58	49.337	32.15	8.48	7.78	6.1	2.708	95.4
154	11/22/2008 6:16	11.49	49.452	32.23	8.54	8.21	6.2	2.799	96
155	11/22/2008 6:31	11.44	49.588	32.33	8.61	8.21	6.5	2.869	96.7
156	11/22/2008 6:46	11.38	49.72	32.42	8.71	8.22	5.7	2.943	97.8
157	11/22/2008 7:01	11.33	49.803	32.48	8.77	8.23	5.6	3.019	98.4
158	11/22/2008 7:16	11.29	49.861	32.52	8.83	8.23	4.6	3.077	99
159	11/22/2008 7:31	11.29	49.889	32.54	8.83	8.24	4	3.116	99.1
160	11/22/2008 7:46	11.29	49.914	32.56	8.82	7.81	4.4	3.153	98.9
161	11/22/2008 8:01	11.32	49.8	32.48	8.71	8.23	3.1	3.17	97.7
162	11/22/2008 8:16	11.32	49.851	32.51	8.73	8.23	3.5	3.17	97.9
163	11/22/2008 8:31	11.29	49.926	32.57	8.81	8.24	3.6	3.125	98.8
164	11/22/2008 8:46	11.29	49.913	32.56	8.78	8.24	3.4	3.097	98.5
165	11/22/2008 9:01	11.48	49.43	32.22	8.46	8.21	3.2	3.04	95.1
166	11/22/2008 9:16	11.53	49.353	32.16	8.51	8.21	3.1	2.966	95.7
167	11/22/2008 9:31	11.54	49.339	32.15	8.55	8.21	3.5	2.891	96.2
168	11/22/2008 9:46	11.56	49.294	32.12	8.6	8.22	3.7	2.805	96.7
169	11/22/2008 10:01	11.59	49.196	32.05	8.56	8.22	4.1	2.715	96.3
170	11/22/2008 10:16	11.61	49.16	32.03	8.52	8.21	4	2.615	95.9
171	11/22/2008 10:31	11.69	48.98	31.9	8.52	8.22	4	2.524	96
172	11/22/2008 10:46	11.71	48.923	31.86	8.5	8.22	3.7	2.424	95.8
173	11/22/2008 11:01	11.74	48.826	31.79	8.53	8.22	3.8	2.328	96.1
174	11/22/2008 11:16	11.74	48.785	31.76	8.6	8.23	3.7	2.216	96.9
175	11/22/2008 11:31	11.76	48.855	31.81	8.66	8.23	3.7	2.134	97.6
176	11/22/2008 11:46	11.79	48.952	31.89	8.83	8.24	3.8	2.026	99.6
177	11/22/2008 12:01	11.82	48.924	31.87	8.91	8.25	4	1.929	100.7
178	11/22/2008 12:16	11.85	48.918	31.86	9.01	8.26	3.6	1.819	101.8
179	11/22/2008 12:31	11.89	48.776	31.76	9.09	8.27	3.5	1.708	102.8
180	11/22/2008 12:46	11.91	48.815	31.79	9.29	8.28	3.4	1.623	105.1
181	11/22/2008 13:01	11.94	48.793	31.78	9.46	8.29	3.4	1.531	107.1
182	11/22/2008 13:16	11.97	48.725	31.73	9.44	8.3	3.2	1.452	106.8
183	11/22/2008 13:31	11.99	48.624	31.66	9.34	8.29	3.2	1.364	105.7
184	11/22/2008 13:46	12.02	48.549	31.6	9.29	8.3	3.1	1.323	105.2
185	11/22/2008 14:01	12.02	48.454	31.54	9.26	8.3	3	1.275	104.8
186	11/22/2008 14:16	12.01	48.343	31.45	9.38	8.32	2.9	1.26	106
187	11/22/2008 14:31	12	48.291	31.42	9.3	8.32	2.1	1.273	105.2
188	11/22/2008 14:46	12.03	48.363	31.47	9.41	8.32	2.5	1.259	106.4
189	11/22/2008 15:01	11.96	48.312	31.43	9.37	7.88	2.5	1.315	105.9
190	11/22/2008 15:16	11.99	48.329	31.44	9.32	8.31	2.3	1.384	105.3
191	11/22/2008 15:31	11.98	48.309	31.43	9.26	8.3	2.2	1.425	104.7
192	11/22/2008 15:46	11.98	48.393	31.49	9.17	8.29	2.4	1.486	103.7
193	11/22/2008 16:01	11.84	48.101	31.27	9.14	8.29	2.9	1.574	102.9
194	11/22/2008 16:16	11.86	48.16	31.32	9.09	8.28	2.9	1.646	102.4
195	11/22/2008 16:31	11.84	48.133	31.3	9.06	8.28	2.8	1.698	102

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
196	11/22/2008 16:46	11.86	48.272	31.4	9.02	8.27	2.7	1.767	101.6
197	11/22/2008 17:01	11.88	48.398	31.49	8.97	8.26	2.8	1.837	101.2
198	11/22/2008 17:16	11.86	48.463	31.53	8.92	8.26	3.1	1.907	100.6
199	11/22/2008 17:31	11.84	48.487	31.55	8.87	8.25	3	1.968	100
200	11/22/2008 17:46	11.83	48.618	31.65	8.77	7.82	3	2.02	99
201	11/22/2008 18:01	11.82	48.274	31.4	8.73	7.81	3.1	2.112	98.3
202	11/22/2008 18:16	11.82	48.333	31.44	8.68	7.8	3.2	2.168	97.7
203	11/22/2008 18:31	11.81	48.208	31.35	8.67	8.23	3.1	2.225	97.6
204	11/22/2008 18:46	11.79	48.603	31.63	8.63	8.22	3.1	2.28	97.3
205	11/22/2008 19:01	11.77	48.495	31.55	8.62	7.8	2.9	2.348	97.1
206	11/22/2008 19:16	11.75	48.413	31.49	8.61	8.22	3	2.406	96.9
207	11/22/2008 19:31	11.73	48.394	31.48	8.61	8.22	3.1	2.448	96.8
208	11/22/2008 19:46	11.71	48.416	31.49	8.6	8.22	2.9	2.488	96.7
209	11/22/2008 20:01	11.7	48.569	31.6	8.59	8.22	3.2	2.535	96.6
210	11/22/2008 20:16	11.69	47.868	31.1	8.61	7.99	3.2	2.568	96.5
211	11/22/2008 20:31	11.66	49.052	31.95	8.54	7.97	3	2.587	96.2
212	11/22/2008 20:46	11.67	49.029	31.94	8.48	7.79	2.4	2.602	95.5
213	11/22/2008 21:01	11.65	49.046	31.95	8.51	7.95	2.6	2.591	95.9
214	11/22/2008 21:16	11.65	48.442	31.51	8.52	8.22	2.4	2.577	95.6
215	11/22/2008 21:31	11.65	48.639	31.65	8.53	7.78	2.6	2.536	95.8
216	11/22/2008 21:46	11.65	48.586	31.61	8.51	8.22	2.7	2.482	95.6
217	11/22/2008 22:01	11.55	48.449	31.51	8.4	7.79	3.3	2.434	94.1
218	11/22/2008 22:16	11.6	48.237	31.36	8.5	8.23	3.7	2.367	95.3
219	11/22/2008 22:31	11.59	48.24	31.36	8.49	8.23	3.9	2.302	95.1
220	11/22/2008 22:46	11.56	48.496	31.54	8.46	7.79	4	2.215	94.8
221	11/22/2008 23:01	11.54	48.024	31.2	8.42	8.22	3.7	2.148	94.2
222	11/22/2008 23:16	11.57	48.137	31.29	8.48	8.23	3.5	2.078	94.9
223	11/22/2008 23:31	11.58	47.961	31.16	8.61	8.02	3.3	1.998	96.3
224	11/22/2008 23:46	11.56	48.371	31.45	8.61	8.01	3.4	1.934	96.5
225	11/23/2008 0:01	11.56	48.655	31.66	8.61	8.25	3.2	1.868	96.5
226	11/23/2008 0:16	11.53	47.995	31.18	8.6	7.81	3.1	1.795	96.1
227	11/23/2008 0:31	11.52	48.234	31.35	8.59	8.24	3.2	1.738	96.1
228	11/23/2008 0:46	11.5	48.553	31.58	8.67	8.25	3.1	1.672	97.1
229	11/23/2008 1:01	11.51	48.516	31.56	8.74	8.26	2.8	1.632	97.9
230	11/23/2008 1:16	11.56	48.416	31.49	8.81	7.85	2.7	1.586	98.8
231	11/23/2008 1:31	11.56	48.426	31.49	8.85	8.04	2.4	1.556	99.1
232	11/23/2008 1:46	11.54	48.371	31.45	8.84	7.86	1.9	1.543	99
233	11/23/2008 2:01	11.48	48.301	31.4	8.75	8.29	1.6	1.543	97.9
234	11/23/2008 2:16	11.48	48.311	31.41	8.87	7.86	2.2	1.556	99.1
235	11/23/2008 2:31	11.46	48.315	31.41	8.85	8.28	2.3	1.58	99
236	11/23/2008 2:46	11.48	48.394	31.47	8.81	8.27	2.7	1.623	98.5
237	11/23/2008 3:01	11.52	48.393	31.47	8.76	8.26	2.7	1.672	98
238	11/23/2008 3:16	11.5	48.414	31.48	8.73	8.26	2.8	1.727	97.6
239	11/23/2008 3:31	11.35	48.272	31.37	8.67	8.25	3.2	1.798	96.7
240	11/23/2008 3:46	11.32	48.22	31.33	8.65	8.25	3.5	1.871	96.4
241	11/23/2008 4:01	11.37	48.289	31.39	8.64	7.83	3.3	1.937	96.4
242	11/23/2008 4:16	11.45	48.448	31.5	8.64	7.82	3.1	2.01	96.6
243	11/23/2008 4:31	11.51	48.58	31.6	8.61	7.82	3	2.086	96.4
244	11/23/2008 4:46	11.52	48.693	31.68	8.57	7.81	3.1	2.154	96.1

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
245	11/23/2008 5:01	11.53	48.812	31.77	8.55	8.22	3.2	2.237	96
246	11/23/2008 5:16	11.54	48.838	31.79	8.56	8.22	3.7	2.307	96
247	11/23/2008 5:31	11.55	48.95	31.87	8.56	7.8	3.8	2.386	96.1
248	11/23/2008 5:46	11.54	48.995	31.9	8.55	8.21	3.8	2.468	96
249	11/23/2008 6:01	11.5	49.13	32	8.55	7.8	4.4	2.552	96
250	11/23/2008 6:16	11.47	49.198	32.05	8.56	7.8	4.9	2.631	96
251	11/23/2008 6:31	11.42	49.342	32.15	8.57	7.8	5.2	2.719	96.2
252	11/23/2008 6:46	11.32	49.513	32.27	8.64	7.81	6.4	2.803	96.8
253	11/23/2008 7:01	11.24	49.638	32.35	8.69	7.81	6.5	2.881	97.2
254	11/23/2008 7:16	11.18	49.752	32.43	8.72	7.81	6.3	2.959	97.5
255	11/23/2008 7:31	11.15	49.819	32.48	8.76	7.81	5.5	3.033	97.9
256	11/23/2008 7:46	11.08	49.918	32.55	8.76	7.82	4.6	3.094	97.8
257	11/23/2008 8:01	11.05	49.942	32.56	8.76	7.82	4.5	3.155	97.7
258	11/23/2008 8:16	11.04	49.985	32.59	8.74	7.82	3.4	3.188	97.5
259	11/23/2008 8:31	11.02	49.966	32.58	8.7	8.24	3.8	3.212	97
260	11/23/2008 8:46	11.05	49.885	32.52	8.61	7.81	3.3	3.224	96.1
261	11/23/2008 9:01	11.04	49.989	32.6	8.67	7.81	3.2	3.209	96.8
262	11/23/2008 9:16	11.04	49.988	32.6	8.68	7.81	3.2	3.176	96.9
263	11/23/2008 9:31	11.1	49.812	32.47	8.69	7.81	3.3	3.133	97.1
264	11/23/2008 9:46	11.15	49.488	32.24	8.82	8.24	3.1	3.065	98.4
265	11/23/2008 10:01	11.17	49.474	32.23	8.73	7.81	3.8	2.983	97.4
266	11/23/2008 10:16	11.21	49.454	32.22	8.75	7.81	4.1	2.897	97.8
267	11/23/2008 10:31	11.27	49.271	32.09	8.81	7.81	3.5	2.792	98.5
268	11/23/2008 10:46	11.33	49.213	32.05	8.81	7.81	3.4	2.697	98.5
269	11/23/2008 11:01	11.38	49.143	32	8.84	7.82	3.2	2.598	99
270	11/23/2008 11:16	11.42	49.092	31.97	8.86	7.82	3.6	2.487	99.3
271	11/23/2008 11:31	11.48	48.97	31.88	8.91	7.82	3.1	2.382	99.9
272	11/23/2008 11:46	11.5	48.878	31.82	8.97	8.26	3.5	2.28	100.6
273	11/23/2008 12:01	11.55	48.947	31.87	9.01	8.26	3.7	2.168	101.2
274	11/23/2008 12:16	11.67	48.976	31.9	9.27	8.28	3.2	2.043	104.4
275	11/23/2008 12:31	11.78	49.123	32.01	9.35	8.28	3.9	1.939	105.6
276	11/23/2008 12:46	11.82	48.999	31.92	9.44	8.29	3.6	1.831	106.7
277	11/23/2008 13:01	11.89	48.896	31.85	9.6	8.3	3.5	1.712	108.5
278	11/23/2008 13:16	12.05	48.938	31.89	9.8	8.31	3.3	1.595	111.2
279	11/23/2008 13:31	12.14	48.835	31.82	9.89	8.32	3.2	1.488	112.4
280	11/23/2008 13:46	12.2	48.808	31.8	9.96	8.33	3.4	1.387	113.3
281	11/23/2008 14:01	12.12	48.723	31.74	9.93	8.33	3.4	1.297	112.8
282	11/23/2008 14:16	12.05	48.608	31.65	9.87	8.32	3.4	1.211	111.8
283	11/23/2008 14:31	12.02	48.553	31.61	9.81	8.33	3.4	1.148	111.1
284	11/23/2008 14:46	12.04	48.511	31.58	9.85	8.33	3.5	1.11	111.6
285	11/23/2008 15:01	12.06	48.481	31.56	9.92	8.34	3.3	1.063	112.4
286	11/23/2008 15:16	12.3	48.512	31.59	10.01	8.35	3.5	1.075	114
287	11/23/2008 15:31	12.05	48.447	31.53	10.02	8.35	3.2	1.091	113.4
288	11/23/2008 15:46	11.93	48.387	31.48	10.02	8.35	3	1.118	113.2
289	11/23/2008 16:01	11.87	48.409	31.5	9.95	7.93	2.8	1.178	112.2
290	11/23/2008 16:16	11.77	48.327	31.43	10.07	8.36	2.4	1.23	113.3
291	11/23/2008 16:31	11.77	48.373	31.47	9.99	7.94	2.4	1.313	112.4
292	11/23/2008 16:46	11.57	48.017	31.2	9.84	7.94	3.7	1.375	110.1
293	11/23/2008 17:01	11.56	47.979	31.17	9.76	7.93	3.4	1.459	109.2

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
294	11/23/2008 17:16	11.55	48.005	31.19	9.68	7.92	3.3	1.55	108.2
295	11/23/2008 17:31	11.63	48.242	31.36	9.6	7.91	3.5	1.619	107.6
296	11/23/2008 17:46	11.7	48.413	31.49	9.52	7.9	3.1	1.69	107
297	11/23/2008 18:01	11.69	48.472	31.53	9.47	7.89	3.2	1.774	106.4
298	11/23/2008 18:16	11.67	48.495	31.55	9.41	8.3	3.1	1.85	105.7
299	11/23/2008 18:31	11.64	48.636	31.65	9.15	8.27	3.2	1.917	102.8
300	11/23/2008 18:46	11.63	48.705	31.7	9.06	8.26	3.3	1.993	101.8
301	11/23/2008 19:01	11.63	48.716	31.71	9.01	8.25	3.4	2.077	101.3
302	11/23/2008 19:16	11.62	48.759	31.74	8.97	8.25	3.7	2.144	100.8
303	11/23/2008 19:31	11.59	48.828	31.79	8.93	8.24	3.4	2.206	100.3
304	11/23/2008 19:46	11.57	48.891	31.83	8.9	8.24	3.5	2.276	100
305	11/23/2008 20:01	11.55	48.924	31.85	8.87	8.24	3.5	2.339	99.7
306	11/23/2008 20:16	11.54	48.997	31.91	8.86	8.23	3.4	2.398	99.5
307	11/23/2008 20:31	11.52	49.01	31.91	8.84	8.23	3.4	2.452	99.2
308	11/23/2008 20:46	11.48	49.127	32	8.83	7.83	3.4	2.51	99.1
309	11/23/2008 21:01	11.46	49.192	32.04	8.82	7.83	3.2	2.554	99
310	11/23/2008 21:16	11.44	49.244	32.08	8.8	7.82	3.1	2.593	98.7
311	11/23/2008 21:31	11.44	49.264	32.09	8.78	7.82	3.3	2.627	98.5
312	11/23/2008 21:46	11.42	49.262	32.09	8.74	8.23	2.6	2.65	98
313	11/23/2008 22:01	11.43	49.237	32.07	8.71	8.23	2.7	2.643	97.7
314	11/23/2008 22:16	11.42	49.31	32.13	8.72	7.82	2.7	2.643	97.9
315	11/23/2008 22:31	11.43	49.297	32.12	8.73	7.81	2.7	2.603	97.9
316	11/23/2008 22:46	11.42	49.162	32.02	8.74	8.23	2.9	2.558	98
317	11/23/2008 23:01	11.23	48.957	31.86	8.63	8.24	3.2	2.503	96.3
318	11/23/2008 23:16	11.36	48.928	31.85	8.73	7.83	3.5	2.431	97.7
319	11/23/2008 23:31	11.37	48.882	31.81	8.73	7.83	3.5	2.366	97.6
320	11/23/2008 23:46	11.35	48.905	31.83	8.69	7.82	3.4	2.287	97.1
321	11/24/2008 0:01	11.33	48.91	31.83	8.68	8.23	3.3	2.21	96.9
322	11/24/2008 0:16	11.33	48.864	31.8	8.7	7.82	3.3	2.144	97.2
323	11/24/2008 0:31	11.33	48.814	31.76	8.74	7.83	3.2	2.076	97.6
324	11/24/2008 0:46	11.35	48.746	31.71	8.82	7.84	3.2	2.008	98.6
325	11/24/2008 1:01	11.32	48.739	31.71	8.85	8.26	3	1.955	98.8
326	11/24/2008 1:16	11.32	48.744	31.71	8.86	7.84	2.9	1.903	98.9
327	11/24/2008 1:31	11.28	48.725	31.7	8.87	8.26	3	1.848	98.9
328	11/24/2008 1:46	11.3	48.668	31.66	8.93	8.27	2.9	1.789	99.6
329	11/24/2008 2:01	11.29	48.651	31.64	8.96	7.86	2.8	1.752	99.9
330	11/24/2008 2:16	11.32	48.577	31.59	9.07	7.87	2.5	1.724	101.1
331	11/24/2008 2:31	11.34	48.492	31.53	9.12	8.3	2.2	1.713	101.7
332	11/24/2008 2:46	11.31	48.461	31.51	9.09	7.88	2.1	1.695	101.3
333	11/24/2008 3:01	11.28	48.445	31.49	9.08	7.88	2.1	1.702	101.1
334	11/24/2008 3:16	11.28	48.488	31.52	9.14	7.88	2.3	1.735	101.9
335	11/24/2008 3:31	11.29	48.554	31.57	9.09	7.87	2.5	1.769	101.4
336	11/24/2008 3:46	11.33	48.581	31.59	9.06	7.87	2.7	1.809	101.1
337	11/24/2008 4:01	11.33	48.578	31.59	9.02	8.28	3	1.869	100.6
338	11/24/2008 4:16	11.25	48.561	31.58	8.96	7.86	3.2	1.944	99.8
339	11/24/2008 4:31	11.15	48.446	31.49	8.92	7.86	3.5	2.011	99.1
340	11/24/2008 4:46	11.22	48.615	31.61	8.89	7.86	3.5	2.076	99
341	11/24/2008 5:01	11.29	48.705	31.68	8.87	8.25	3.1	2.149	99
342	11/24/2008 5:16	11.32	48.836	31.78	8.82	7.84	2.9	2.224	98.4

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
343	11/24/2008 5:31	11.32	48.914	31.83	8.8	7.84	3.2	2.3	98.3
344	11/24/2008 5:46	11.32	49.001	31.9	8.79	7.84	3.2	2.368	98.2
345	11/24/2008 6:01	11.35	49.049	31.93	8.78	7.83	3.6	2.448	98.2
346	11/24/2008 6:16	11.35	49.125	31.99	8.78	7.83	3.5	2.528	98.2
347	11/24/2008 6:31	11.32	49.258	32.08	8.77	7.83	3.9	2.606	98.1
348	11/24/2008 6:46	11.29	49.387	32.18	8.75	7.83	4.5	2.69	98
349	11/24/2008 7:01	11.25	49.507	32.26	8.75	7.83	4.9	2.764	97.9
350	11/24/2008 7:16	11.2	49.61	32.33	8.76	8.23	5.2	2.857	97.9
351	11/24/2008 7:31	11.13	49.745	32.43	8.77	7.84	5.7	2.936	98
352	11/24/2008 7:46	11.07	49.887	32.53	8.79	7.84	5.4	3.015	98.1
353	11/24/2008 8:01	11.04	49.951	32.57	8.79	7.84	4.9	3.083	98
354	11/24/2008 8:16	11.02	49.968	32.58	8.78	8.24	4.4	3.153	98
355	11/24/2008 8:31	10.98	50.064	32.65	8.77	7.84	4	3.215	97.8
356	11/24/2008 8:46	10.96	50.09	32.67	8.75	7.84	3.1	3.261	97.5
357	11/24/2008 9:01	10.96	50.08	32.66	8.73	7.84	2.7	3.294	97.3
358	11/24/2008 9:16	10.98	50.003	32.6	8.65	7.83	2.1	3.314	96.4
359	11/24/2008 9:31	10.98	50.026	32.62	8.65	7.83	2.6	3.312	96.4
360	11/24/2008 9:46	10.96	50.118	32.69	8.69	7.83	2.7	3.287	96.8
361	11/24/2008 10:01	10.96	50.116	32.69	8.68	7.83	2.7	3.243	96.8
362	11/24/2008 10:16	11.04	49.97	32.58	8.83	7.83	2.9	3.178	98.5
363	11/24/2008 10:31	11.15	49.594	32.32	8.91	7.84	3.1	3.098	99.5
364	11/24/2008 10:46	11.15	49.584	32.31	8.87	7.83	3.4	3.009	99.1
365	11/24/2008 11:01	11.18	49.506	32.26	8.92	7.84	3.6	2.91	99.6
366	11/24/2008 11:16	11.19	49.522	32.27	8.95	7.84	3.6	2.793	100
367	11/24/2008 11:31	11.25	49.378	32.17	8.99	8.26	3.6	2.697	100.5
368	11/24/2008 11:46	11.31	49.251	32.08	9.05	8.26	3.2	2.581	101.2
369	11/24/2008 12:01	11.33	49.154	32.01	9.1	7.86	3.1	2.472	101.8
370	11/24/2008 12:16	11.36	49.061	31.94	9.15	8.27	3.4	2.365	102.4
371	11/24/2008 12:31	11.38	48.885	31.82	9.21	7.88	3.7	2.24	103
372	11/24/2008 12:46	11.47	49.144	32.01	9.32	7.87	3.2	2.126	104.5
373	11/24/2008 13:01	11.52	49.226	32.07	9.41	7.87	4.3	2.008	105.7
374	11/24/2008 13:16	11.57	49.159	32.03	9.49	7.89	3.6	1.887	106.7
375	11/24/2008 13:31	11.62	49.133	32.01	9.61	7.89	3.2	1.756	108.2
376	11/24/2008 13:46	11.61	48.971	31.89	9.91	8.31	3.5	1.623	111.4
377	11/24/2008 14:01	11.72	49.035	31.94	9.88	8.33	3.6	1.506	111.4
378	11/24/2008 14:16	11.72	48.955	31.88	9.96	8.33	3.7	1.384	112.2
379	11/24/2008 14:31	11.72	48.913	31.85	9.91	7.93	3.6	1.258	111.6
380	11/24/2008 14:46	11.64	48.791	31.76	9.79	7.92	4.5	1.155	110.1
381	11/24/2008 15:01	11.63	48.752	31.73	9.76	8.32	4.2	1.082	109.7
382	11/24/2008 15:16	11.61	48.652	31.66	9.81	8.33	4.5	1.006	110.1
383	11/24/2008 15:31	11.59	48.532	31.57	9.95	8.35	4.1	0.941	111.7
384	11/24/2008 15:46	11.57	48.473	31.53	10.01	8.36	3.4	0.935	112.2
385	11/24/2008 16:01	11.55	48.415	31.49	10.03	7.96	1.9	0.939	112.3
386	11/24/2008 16:16	11.53	48.427	31.49	10.14	7.97	2.9	0.951	113.5
387	11/24/2008 16:31	11.53	48.446	31.51	10.15	7.96	3.4	1.01	113.6
388	11/24/2008 16:46	11.47	48.44	31.5	10.14	7.97	2.7	1.063	113.4
389	11/24/2008 17:01	11.46	48.431	31.49	10.14	7.96	2.6	1.138	113.4
390	11/24/2008 17:16	11.33	48.276	31.37	10.07	7.96	3.2	1.223	112.1
391	11/24/2008 17:31	11.22	48.045	31.2	9.99	7.96	4.4	1.291	110.9

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
392	11/24/2008 17:46	11.22	48.011	31.18	9.94	7.96	4.3	1.36	110.4
393	11/24/2008 18:01	11.21	48.061	31.21	9.88	7.95	3.9	1.453	109.7
394	11/24/2008 18:16	11.28	48.243	31.35	9.8	7.94	3.7	1.53	109.1
395	11/24/2008 18:31	11.38	48.46	31.51	9.72	7.92	3.6	1.608	108.5
396	11/24/2008 18:46	11.39	48.52	31.55	9.66	7.92	3.2	1.691	107.9
397	11/24/2008 19:01	11.41	48.635	31.64	9.54	7.9	3.2	1.785	106.6
398	11/24/2008 19:16	11.42	48.746	31.72	9.35	7.88	3.4	1.863	104.6
399	11/24/2008 19:31	11.42	48.764	31.73	9.28	7.88	3.5	1.943	103.9
400	11/24/2008 19:46	11.44	48.807	31.76	9.25	7.87	3.7	2.039	103.6
401	11/24/2008 20:01	11.43	48.847	31.79	9.2	7.87	3.8	2.106	103
402	11/24/2008 20:16	11.41	48.944	31.86	9.14	7.86	3.7	2.187	102.3
403	11/24/2008 20:31	11.39	48.962	31.87	9.11	8.27	3.7	2.252	102
404	11/24/2008 20:46	11.37	49.039	31.93	9.09	7.86	3.7	2.325	101.7
405	11/24/2008 21:01	11.37	49.064	31.95	9.06	7.85	3.8	2.398	101.3
406	11/24/2008 21:16	11.34	49.113	31.98	9.03	7.85	4.1	2.45	101
407	11/24/2008 21:31	11.32	49.209	32.05	9	7.85	4	2.522	100.7
408	11/24/2008 21:46	11.3	49.284	32.1	8.97	8.25	3.7	2.579	100.4
409	11/24/2008 22:01	11.28	49.359	32.15	8.94	8.25	3.5	2.62	100
410	11/24/2008 22:16	11.25	49.491	32.25	8.92	8.25	3.3	2.669	99.8
411	11/24/2008 22:31	11.23	49.584	32.31	8.91	7.84	2.9	2.706	99.7
412	11/24/2008 22:46	11.21	49.63	32.35	8.88	7.84	2.7	2.731	99.2
413	11/24/2008 23:01	11.23	49.528	32.27	8.82	8.25	2.6	2.725	98.6
414	11/24/2008 23:16	11.2	49.675	32.38	8.84	7.84	2.9	2.707	98.9
415	11/24/2008 23:31	11.23	49.581	32.31	8.82	7.84	2.6	2.683	98.7
416	11/24/2008 23:46	11.19	49.448	32.21	8.82	8.25	2.7	2.622	98.5
417	11/25/2008 0:01	11.18	49.116	31.97	8.76	7.84	3.1	2.57	97.7
418	11/25/2008 0:16	11.24	49.136	31.99	8.88	7.84	3.4	2.493	99.1
419	11/25/2008 0:31	11.21	49.042	31.92	8.86	7.84	3.4	2.43	98.8
420	11/25/2008 0:46	11.23	49.058	31.93	8.84	7.84	3.5	2.355	98.7
421	11/25/2008 1:01	11.22	49.106	31.97	8.8	7.83	3	2.273	98.1
422	11/25/2008 1:16	11.24	49.027	31.91	8.82	7.84	3.2	2.215	98.5
423	11/25/2008 1:31	11.24	48.954	31.86	8.85	7.84	3.1	2.164	98.7
424	11/25/2008 1:46	11.24	48.915	31.83	8.86	7.84	3	2.106	98.8
425	11/25/2008 2:01	11.24	48.877	31.8	8.85	7.84	3.5	2.047	98.7
426	11/25/2008 2:16	11.24	48.881	31.81	8.85	7.84	3.1	1.998	98.6
427	11/25/2008 2:31	11.22	48.904	31.82	8.84	7.84	2.9	1.961	98.5
428	11/25/2008 2:46	11.23	48.856	31.79	8.9	7.85	2.7	1.917	99.2
429	11/25/2008 3:01	11.23	48.793	31.74	8.97	7.86	2.6	1.884	100
430	11/25/2008 3:16	11.24	48.737	31.7	9.02	7.86	2.4	1.873	100.5
431	11/25/2008 3:31	11.24	48.686	31.67	9.03	7.87	2.1	1.863	100.6
432	11/25/2008 3:46	11.19	48.663	31.65	9.07	7.87	2.5	1.878	101
433	11/25/2008 4:01	11.19	48.676	31.66	9.05	7.87	2.4	1.88	100.8
434	11/25/2008 4:16	11.2	48.764	31.72	9.01	7.86	2.6	1.93	100.3
435	11/25/2008 4:31	11.22	48.778	31.73	9.03	7.86	2.8	1.969	100.6
436	11/25/2008 4:46	11.24	48.815	31.76	9.01	7.86	3.2	2.013	100.4
437	11/25/2008 5:01	11.16	48.723	31.69	8.98	7.86	3.5	2.085	99.9
438	11/25/2008 5:16	11.07	48.648	31.63	8.96	7.86	3.5	2.149	99.4
439	11/25/2008 5:31	11.2	48.854	31.78	8.95	7.85	3.2	2.213	99.7
440	11/25/2008 5:46	11.21	48.939	31.85	8.92	7.85	3.2	2.278	99.4

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
441	11/25/2008 6:01	11.21	49.022	31.91	8.9	8.25	3.4	2.356	99.2
442	11/25/2008 6:16	11.21	49.153	32	8.9	8.25	3.1	2.409	99.3
443	11/25/2008 6:31	11.21	49.271	32.09	8.9	7.85	3.3	2.495	99.4
444	11/25/2008 6:46	11.22	49.343	32.14	8.9	7.85	3.1	2.572	99.3
445	11/25/2008 7:01	11.22	49.373	32.16	8.9	7.85	3.6	2.641	99.4
446	11/25/2008 7:16	11.19	49.46	32.22	8.89	7.85	3.5	2.73	99.2
447	11/25/2008 7:31	11.16	49.602	32.32	8.87	8.25	3.8	2.811	99.1
448	11/25/2008 7:46	11.14	49.721	32.41	8.85	7.85	3.9	2.894	98.9
449	11/25/2008 8:01	11.11	49.791	32.46	8.84	7.85	3.9	2.969	98.7
450	11/25/2008 8:16	11.07	49.924	32.55	8.82	7.85	4.2	3.047	98.5
451	11/25/2008 8:31	11.04	50.005	32.61	8.82	7.85	4	3.127	98.4
452	11/25/2008 8:46	11.02	50.023	32.62	8.8	8.25	3.8	3.186	98.1
453	11/25/2008 9:01	11	50.105	32.68	8.76	7.85	3.2	3.247	97.7
454	11/25/2008 9:16	11	50.105	32.68	8.74	7.84	2.8	3.288	97.5
455	11/25/2008 9:31	10.98	50.157	32.72	8.72	7.84	2.3	3.327	97.3
456	11/25/2008 9:46	10.98	50.161	32.72	8.67	7.84	1.9	3.349	96.7
457	11/25/2008 10:01	11	50.075	32.66	8.65	7.83	2.2	3.35	96.5
458	11/25/2008 10:16	10.98	50.138	32.7	8.65	8.24	2.3	3.331	96.5
459	11/25/2008 10:31	10.98	50.135	32.7	8.66	8.24	2.2	3.292	96.5
460	11/25/2008 10:46	11.06	49.997	32.6	8.76	8.25	2.9	3.232	97.8
461	11/25/2008 11:01	11.14	49.686	32.38	8.93	8.25	2.4	3.155	99.8
462	11/25/2008 11:16	11.18	49.725	32.41	8.95	8.25	2.4	3.071	100.1
463	11/25/2008 11:31	11.17	49.614	32.33	8.92	8.25	3	2.956	99.6
464	11/25/2008 11:46	11.17	49.572	32.3	8.94	8.25	3.1	2.862	99.8
465	11/25/2008 12:01	11.19	49.503	32.25	8.96	8.25	3.2	2.752	100.1
466	11/25/2008 12:16	11.2	49.488	32.24	8.96	7.86	3.2	2.621	100.1
467	11/25/2008 12:31	11.25	49.334	32.13	9.03	8.26	2.9	2.522	101
468	11/25/2008 12:46	11.29	49.182	32.03	9.1	7.86	3.4	2.405	101.7
469	11/25/2008 13:01	11.31	49.167	32.02	9.12	7.86	3.7	2.277	102
470	11/25/2008 13:16	11.39	49.239	32.07	9.28	7.88	3.2	2.159	104
471	11/25/2008 13:31	11.48	49.438	32.22	9.46	8.3	3.1	2.032	106.3
472	11/25/2008 13:46	11.43	49.293	32.11	9.53	8.29	3.1	1.906	107
473	11/25/2008 14:01	11.44	49.192	32.04	9.5	8.3	3.7	1.784	106.5
474	11/25/2008 14:16	11.51	49.156	32.02	9.72	7.91	4.2	1.644	109.1
475	11/25/2008 14:31	11.49	49.051	31.94	9.66	7.92	3.7	1.509	108.4
476	11/25/2008 14:46	11.54	49.01	31.92	9.91	7.93	3.8	1.389	111.3
477	11/25/2008 15:01	11.53	48.95	31.87	9.78	8.33	3.5	1.258	109.7
478	11/25/2008 15:16	11.5	48.881	31.82	9.72	8.32	3.4	1.132	109.1
479	11/25/2008 15:31	11.49	48.808	31.77	9.63	8.32	3	1.036	107.9
480	11/25/2008 15:46	11.5	48.792	31.76	9.66	8.32	3.2	0.944	108.3
481	11/25/2008 16:01	11.49	48.722	31.7	9.72	8.33	3.7	0.866	108.9
482	11/25/2008 16:16	11.49	48.665	31.66	9.73	7.94	3.3	0.834	109
483	11/25/2008 16:31	11.46	48.532	31.57	9.73	7.94	2.9	0.809	108.9
484	11/25/2008 16:46	11.45	48.519	31.56	9.76	7.94	2.6	0.822	109.2
485	11/25/2008 17:01	11.4	48.465	31.51	9.82	7.95	2.4	0.857	109.6
486	11/25/2008 17:16	11.39	48.518	31.55	9.78	7.94	2.4	0.897	109.3
487	11/25/2008 17:31	11.36	48.475	31.52	9.81	8.35	2.4	0.988	109.5
488	11/25/2008 17:46	11.36	48.503	31.54	9.75	8.34	2.7	1.066	108.8
489	11/25/2008 18:01	11.22	48.195	31.31	9.71	7.95	3.8	1.127	107.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
490	11/25/2008 18:16	11.17	48.037	31.19	9.69	7.95	3.8	1.205	107.4
491	11/25/2008 18:31	11.22	48.135	31.27	9.64	7.94	3.8	1.3	107.1
492	11/25/2008 18:46	11.2	48.11	31.25	9.6	7.93	3.9	1.369	106.6
493	11/25/2008 19:01	11.29	48.365	31.44	9.56	7.93	3.7	1.45	106.4
494	11/25/2008 19:16	11.33	48.498	31.53	9.52	8.31	3.2	1.542	106.2
495	11/25/2008 19:31	11.34	48.577	31.59	9.49	8.3	3.1	1.622	105.9
496	11/25/2008 19:46	11.34	48.706	31.69	9.36	7.91	3.2	1.727	104.6
497	11/25/2008 20:01	11.34	48.785	31.74	9.27	7.89	3.7	1.821	103.6
498	11/25/2008 20:16	11.34	48.813	31.76	9.23	7.89	3.7	1.905	103.2
499	11/25/2008 20:31	11.35	48.842	31.78	9.2	7.89	3.7	1.994	102.8
500	11/25/2008 20:46	11.34	48.916	31.84	9.15	7.88	3.9	2.085	102.3
501	11/25/2008 21:01	11.32	48.976	31.88	9.11	7.87	3.9	2.154	101.8
502	11/25/2008 21:16	11.31	49.009	31.9	9.08	7.87	3.9	2.24	101.5
503	11/25/2008 21:31	11.3	49.072	31.95	9.06	7.87	4.2	2.32	101.3
504	11/25/2008 21:46	11.29	49.115	31.98	9.02	7.87	4.5	2.382	100.8
505	11/25/2008 22:01	11.26	49.204	32.04	8.98	7.86	4.5	2.459	100.4
506	11/25/2008 22:16	11.24	49.278	32.09	8.96	7.86	4.5	2.523	100.1
507	11/25/2008 22:31	11.21	49.429	32.2	8.93	7.86	4	2.579	99.8
508	11/25/2008 22:46	11.19	49.54	32.28	8.95	7.86	4.4	2.64	100
509	11/25/2008 23:01	11.17	49.624	32.34	8.95	7.86	3.8	2.685	100
510	11/25/2008 23:16	11.17	49.635	32.35	8.92	7.85	3.5	2.727	99.7
511	11/25/2008 23:31	11.16	49.663	32.37	8.89	7.85	2.9	2.754	99.3
512	11/25/2008 23:46	11.18	49.559	32.29	8.83	7.85	3	2.755	98.7
513	11/26/2008 0:01	11.16	49.677	32.38	8.86	7.85	2.8	2.749	98.9
514	11/26/2008 0:16	11.15	49.701	32.4	8.86	7.85	2.8	2.732	99
515	11/26/2008 0:31	11.16	49.639	32.35	8.86	7.85	2.7	2.678	98.9
516	11/26/2008 0:46	11.16	49.252	32.07	8.77	7.85	2.9	2.621	97.8
517	11/26/2008 1:01	11.19	49.301	32.11	8.84	7.85	3.3	2.562	98.7
518	11/26/2008 1:16	11.17	49.223	32.05	8.82	7.85	3.5	2.488	98.4
519	11/26/2008 1:31	11.18	49.181	32.02	8.81	7.85	3.2	2.421	98.3
520	11/26/2008 1:46	11.18	49.262	32.08	8.75	7.84	3	2.35	97.6
521	11/26/2008 2:01	11.18	49.218	32.05	8.74	7.84	2.9	2.288	97.5
522	11/26/2008 2:16	11.19	49.079	31.95	8.79	7.85	3	2.224	97.9
523	11/26/2008 2:31	11.19	49.031	31.91	8.76	8.25	3.1	2.183	97.7
524	11/26/2008 2:46	11.21	48.956	31.86	8.78	7.86	3	2.131	97.9
525	11/26/2008 3:01	11.21	48.944	31.85	8.77	7.85	3.2	2.092	97.8
526	11/26/2008 3:16	11.23	48.902	31.82	8.78	7.85	2.7	2.055	97.9
527	11/26/2008 3:31	11.23	48.901	31.82	8.78	7.85	2.6	1.999	97.9
528	11/26/2008 3:46	11.23	48.869	31.8	8.78	7.85	2.6	1.991	97.8
529	11/26/2008 4:01	11.22	48.877	31.8	8.75	7.85	2.6	1.981	97.5
530	11/26/2008 4:16	11.21	48.861	31.79	8.78	7.85	2.3	1.959	97.8
531	11/26/2008 4:31	11.21	48.871	31.8	8.85	7.86	2.6	1.983	98.6
532	11/26/2008 4:46	11.22	48.863	31.79	8.88	7.86	2.5	1.998	98.9
533	11/26/2008 5:01	11.23	48.898	31.82	8.87	7.86	2.7	2.038	98.9
534	11/26/2008 5:16	11.23	48.912	31.83	8.9	7.86	2.9	2.073	99.2
535	11/26/2008 5:31	11.23	48.933	31.84	8.89	7.86	3.2	2.122	99.2
536	11/26/2008 5:46	11.17	48.826	31.76	8.85	8.25	3.6	2.193	98.6
537	11/26/2008 6:01	11.18	48.93	31.84	8.86	7.86	3.7	2.254	98.6
538	11/26/2008 6:16	11.19	49.043	31.92	8.84	7.86	3.2	2.314	98.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

TP #3

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
539	11/26/2008 6:31	11.19	49.156	32	8.82	7.85	3.1	2.388	98.3
540	11/26/2008 6:46	11.18	49.316	32.12	8.84	7.86	3.2	2.453	98.6
541	11/26/2008 7:01	11.17	49.447	32.21	8.87	7.85	3.2	2.531	99
542	11/26/2008 7:16	11.17	49.531	32.27	8.88	7.86	3.4	2.612	99.2
543	11/26/2008 7:31	11.17	49.572	32.3	8.9	7.86	3.4	2.69	99.4
544	11/26/2008 7:46	11.15	49.651	32.36	8.9	7.86	3.7	2.771	99.4
545	11/26/2008 8:01	11.14	49.718	32.41	8.9	7.86	3.6	2.859	99.4
546	11/26/2008 8:16	11.12	49.835	32.49	8.89	7.86	3.5	2.937	99.3
547	11/26/2008 8:31	11.1	49.896	32.53	8.88	7.86	4	3.009	99.1
548	11/26/2008 8:46	11.08	49.973	32.59	8.86	7.85	3.7	3.09	99
549	11/26/2008 9:01	11.05	50.027	32.63	8.83	7.85	3.6	3.16	98.6
550	11/26/2008 9:16	11.03	50.047	32.64	8.81	7.85	3.4	3.226	98.3
551	11/26/2008 9:31	11.02	50.079	32.66	8.77	7.85	2.8	3.276	97.9
552	11/26/2008 9:46	11.01	50.118	32.69	8.74	7.84	2.5	3.33	97.6
553	11/26/2008 10:01	11	50.133	32.7	8.72	7.84	2.8	3.368	97.3
Mean		11.60	48.93	31.86	8.94	8.07	3.35	2.18	100.47
Minimum		10.96	47.87	31.10	8.15	7.75	1.40	0.81	92.30
Maximum		12.78	50.16	32.72	10.15	8.36	12.50	3.37	114.00
Standard Dev.		0.44	0.53	0.37	0.44	0.20	0.84	0.60	4.98

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						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	11/26/2008 10:31	11.07	49.811	32.47	8.41	8.02	2.7	3.403	93.8
1	11/26/2008 10:46	11.06	49.973	32.59	8.4	8.05	2.4	3.388	93.7
2	11/26/2008 11:01	11.06	49.763	32.44	8.39	8.07	2.2	3.345	93.6
3	11/26/2008 11:16	11.17	49.91	32.55	8.72	8.1	2.4	3.284	97.5
4	11/26/2008 11:31	11.2	49.673	32.38	8.73	8.11	2.6	3.219	97.7
5	11/26/2008 11:46	11.24	49.571	32.31	8.76	8.11	2.8	3.122	98
6	11/26/2008 12:01	11.23	49.851	32.51	8.68	8.11	3.1	3.025	97.2
7	11/26/2008 12:16	11.2	49.367	32.16	8.65	8.11	4	2.913	96.6
8	11/26/2008 12:31	11.2	49.26	32.08	8.67	8.11	3.2	2.813	96.7
9	11/26/2008 12:46	11.24	49.241	32.07	8.75	8.12	2.7	2.706	97.7
10	11/26/2008 13:01	11.28	49.221	32.05	8.8	8.12	3	2.579	98.3
11	11/26/2008 13:16	11.34	49.192	32.04	8.84	8.15	3	2.457	99
12	11/26/2008 13:31	11.34	49.111	31.98	8.83	8.15	3.3	2.343	98.8
13	11/26/2008 13:46	11.39	48.903	31.83	8.9	8.14	3.5	2.226	99.5
14	11/26/2008 14:01	11.38	48.645	31.64	8.99	8.3	3.7	2.097	100.5
15	11/26/2008 14:16	11.38	48.954	31.87	8.99	8.15	4.5	1.963	100.6
16	11/26/2008 14:31	11.41	48.95	31.87	9.08	8.18	4.3	1.824	101.7
17	11/26/2008 14:46	11.42	48.916	31.84	9.09	8.18	4.5	1.694	101.8
18	11/26/2008 15:01	11.45	48.654	31.65	9.18	8.19	4	1.558	102.7
19	11/26/2008 15:16	11.49	48.877	31.82	9.3	8.19	4.6	1.428	104.3
20	11/26/2008 15:31	11.49	48.725	31.71	9.32	8.21	4	1.289	104.5
21	11/26/2008 15:46	11.5	48.842	31.79	9.26	8.21	4.2	1.165	103.8
22	11/26/2008 16:01	11.49	48.734	31.71	9.17	8.2	3.8	1.041	102.8
23	11/26/2008 16:16	11.49	48.101	31.26	9.19	8.13	3.8	0.957	102.6
24	11/26/2008 16:31	11.49	48.134	31.28	9.24	8.34	6	0.871	103.2
25	11/26/2008 16:46	11.49	48.793	31.76	9.26	7.86	4.6	0.817	103.7
26	11/26/2008 17:01	11.48	48.026	31.2	9.3	7.86	3.7	0.776	103.9
27	11/26/2008 17:16	11.46	48.51	31.55	9.31	8.2	3.1	0.751	104.1
28	11/26/2008 17:31	11.44	48.196	31.32	9.29	8.23	3.3	0.786	103.7
29	11/26/2008 17:46	11.45	48.096	31.25	9.27	8.23	2.6	0.834	103.5
30	11/26/2008 18:01	11.44	48.392	31.46	9.21	8.23	2.7	0.884	102.9
31	11/26/2008 18:16	11.41	48.514	31.55	9.14	8.22	2.9	0.972	102.1
32	11/26/2008 18:31	11.39	48.428	31.49	9.09	8.22	3.1	1.049	101.5
33	11/26/2008 18:46	11.29	47.491	30.81	9.08	8.24	4.9	1.116	100.7
34	11/26/2008 19:01	11.32	47.609	30.89	9.06	8.34	4.6	1.211	100.6
35	11/26/2008 19:16	11.3	48.006	31.18	9.03	8.18	4.7	1.302	100.4
36	11/26/2008 19:31	11.3	47.354	30.71	9.01	8.2	4.3	1.377	99.9
37	11/26/2008 19:46	11.35	48.357	31.43	8.91	8.2	4	1.483	99.4
38	11/26/2008 20:01	11.38	48.545	31.57	8.88	8.19	3.6	1.566	99.1
39	11/26/2008 20:16	11.38	47.993	31.17	8.85	8.1	3.6	1.664	98.6
40	11/26/2008 20:31	11.37	48.198	31.32	8.78	8.31	3.7	1.77	97.9
41	11/26/2008 20:46	11.37	48.217	31.33	8.75	8.3	4	1.865	97.6
42	11/26/2008 21:01	11.37	48.801	31.76	8.72	8.14	4.3	1.95	97.5
43	11/26/2008 21:16	11.37	48.711	31.69	8.7	8.17	4	2.051	97.2
44	11/26/2008 21:31	11.36	48.699	31.68	8.66	8.16	4.3	2.138	96.7
45	11/26/2008 21:46	11.34	48.385	31.45	8.65	8.08	4.7	2.228	96.4
46	11/26/2008 22:01	11.33	48.812	31.76	8.62	8.13	4.5	2.306	96.3
47	11/26/2008 22:16	11.31	48.842	31.78	8.59	8.15	4.7	2.39	96
48	11/26/2008 22:31	11.29	48.508	31.54	8.58	8.28	5.2	2.468	95.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
49	11/26/2008 22:46	11.26	48.692	31.67	8.56	8.28	5.1	2.539	95.5
50	11/26/2008 23:01	11.23	49.323	32.13	8.55	8.12	5.1	2.6	95.5
51	11/26/2008 23:16	11.21	48.918	31.83	8.6	8.06	4.9	2.681	95.9
52	11/26/2008 23:31	11.21	49.3	32.11	8.58	8.12	4.6	2.727	95.8
53	11/26/2008 23:46	11.2	49.661	32.37	8.54	8.14	4	2.762	95.4
54	11/27/2008 0:01	11.2	49.471	32.23	8.52	8.14	3.7	2.805	95.2
55	11/27/2008 0:16	11.18	49.523	32.27	8.49	8.14	3.4	2.827	94.8
56	11/27/2008 0:31	11.2	49.468	32.23	8.42	8.14	3.2	2.826	94.1
57	11/27/2008 0:46	11.18	49.484	32.24	8.47	8.14	3.3	2.816	94.5
58	11/27/2008 1:01	11.19	49.584	32.31	8.45	8.14	3.4	2.793	94.5
59	11/27/2008 1:16	11.18	48.991	31.88	8.36	8.14	3.4	2.75	93.1
60	11/27/2008 1:31	11.22	48.858	31.79	8.36	8.14	3.9	2.693	93.2
61	11/27/2008 1:46	11.22	49.078	31.95	8.43	8.14	3.8	2.643	94
62	11/27/2008 2:01	11.21	49.13	31.98	8.41	8.14	4.2	2.569	93.9
63	11/27/2008 2:16	11.22	49.052	31.93	8.38	8.14	3.9	2.505	93.5
64	11/27/2008 2:31	11.22	48.92	31.83	8.34	8.13	3.5	2.442	93
65	11/27/2008 2:46	11.21	49.123	31.98	8.32	8.13	3.5	2.38	92.8
66	11/27/2008 3:01	11.22	48.924	31.84	8.34	8.13	3.4	2.311	92.9
67	11/27/2008 3:16	11.22	48.76	31.72	8.32	8.14	3.3	2.269	92.6
68	11/27/2008 3:31	11.24	48.569	31.58	8.33	8.14	3.3	2.237	92.7
69	11/27/2008 3:46	11.24	48.542	31.56	8.31	8.14	3.2	2.196	92.5
70	11/27/2008 4:01	11.25	48.653	31.64	8.31	8.14	3.3	2.145	92.5
71	11/27/2008 4:16	11.25	48.6	31.6	8.3	8.14	3	2.123	92.5
72	11/27/2008 4:31	11.25	48.575	31.59	8.24	8.14	2.4	2.12	91.7
73	11/27/2008 4:46	11.26	48.557	31.57	8.14	8.13	1.8	2.082	90.7
74	11/27/2008 5:01	11.27	48.479	31.52	8.28	8.14	2.5	2.076	92.3
75	11/27/2008 5:16	11.25	48.661	31.65	8.34	8.14	2.9	2.116	93
76	11/27/2008 5:31	11.26	48.892	31.82	8.37	8.14	2.9	2.136	93.4
77	11/27/2008 5:46	11.26	48.26	31.36	8.42	8.06	3.1	2.168	93.6
78	11/27/2008 6:01	11.26	49.021	31.91	8.4	8.15	3.2	2.19	93.8
79	11/27/2008 6:16	11.26	49.25	32.07	8.38	8.14	3.7	2.258	93.7
80	11/27/2008 6:31	11.23	48.929	31.84	8.36	8.14	4.3	2.318	93.2
81	11/27/2008 6:46	11.23	48.935	31.85	8.37	8.11	3.8	2.374	93.4
82	11/27/2008 7:01	11.23	49.115	31.98	8.37	8.16	3.6	2.431	93.5
83	11/27/2008 7:16	11.21	49.031	31.91	8.38	8.16	3.5	2.502	93.4
84	11/27/2008 7:31	11.2	49.504	32.26	8.41	8.16	3.5	2.583	94
85	11/27/2008 7:46	11.18	49.69	32.39	8.44	8.16	3.3	2.664	94.3
86	11/27/2008 8:01	11.18	49.654	32.36	8.45	8.16	3.5	2.736	94.4
87	11/27/2008 8:16	11.18	49.681	32.38	8.45	8.16	3.4	2.828	94.5
88	11/27/2008 8:31	11.17	49.83	32.49	8.45	8.16	4	2.913	94.4
89	11/27/2008 8:46	11.13	49.599	32.32	8.43	8.04	3.8	2.98	94.1
90	11/27/2008 9:01	11.11	49.91	32.55	8.4	8.04	3.7	3.045	93.8
91	11/27/2008 9:16	11.11	49.684	32.38	8.38	8.04	4	3.14	93.5
92	11/27/2008 9:31	11.07	49.935	32.56	8.35	8.04	4	3.204	93.2
93	11/27/2008 9:46	11.05	50.135	32.7	8.32	8.15	4.2	3.265	93
94	11/27/2008 10:01	11.04	49.756	32.43	8.32	8.03	3.4	3.319	92.7
95	11/27/2008 10:16	11.02	50.219	32.76	8.28	8.03	3.5	3.373	92.5
96	11/27/2008 10:31	11.01	50.216	32.76	8.27	8.14	2.9	3.407	92.3
97	11/27/2008 10:46	11.01	50.118	32.69	8.24	8.02	2.4	3.415	91.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
98	11/27/2008 11:01	11.04	50.61	33.05	8.22	8.11	2.8	3.423	92
99	11/27/2008 11:16	11.01	50.059	32.65	8.2	8.13	3.4	3.41	91.5
100	11/27/2008 11:31	11.02	50.116	32.69	8.23	8.02	2.7	3.369	91.9
101	11/27/2008 11:46	11.09	50.028	32.63	8.38	8.04	2.7	3.314	93.7
102	11/27/2008 12:01	11.13	49.767	32.44	8.46	8.04	3.4	3.241	94.5
103	11/27/2008 12:16	11.21	49.204	32.04	8.63	7.77	2.7	3.165	96.3
104	11/27/2008 12:31	11.22	49.812	32.48	8.57	8.05	2.9	3.056	95.9
105	11/27/2008 12:46	11.19	49.563	32.3	8.51	8.05	4	2.96	95.1
106	11/27/2008 13:01	11.19	49.929	32.56	8.48	8.16	4.4	2.861	94.9
107	11/27/2008 13:16	11.21	49.781	32.46	8.53	8.16	3.2	2.733	95.5
108	11/27/2008 13:31	11.26	49.545	32.29	8.59	8.17	3.2	2.628	96.2
109	11/27/2008 13:46	11.3	49.569	32.31	8.64	8.18	3.6	2.505	96.8
110	11/27/2008 14:01	11.31	49.457	32.23	8.66	8.18	4.3	2.384	97
111	11/27/2008 14:16	11.36	49.469	32.24	8.75	8.19	3.2	2.262	98
112	11/27/2008 14:31	11.34	49.423	32.2	8.79	8.19	3.2	2.131	98.5
113	11/27/2008 14:46	11.36	49.24	32.07	8.87	8.19	4.3	1.986	99.3
114	11/27/2008 15:01	11.38	49.478	32.25	8.89	8.2	4.3	1.867	99.7
115	11/27/2008 15:16	11.4	49.232	32.07	8.94	8.21	4	1.725	100.2
116	11/27/2008 15:31	11.43	49.009	31.91	9.12	8.1	4	1.572	102.2
117	11/27/2008 15:46	11.44	49.193	32.04	9.24	8.23	4.9	1.437	103.6
118	11/27/2008 16:01	11.45	49.009	31.91	9.21	8.23	4.3	1.312	103.2
119	11/27/2008 16:16	11.44	48.975	31.88	9.05	8.22	4.3	1.175	101.4
120	11/27/2008 16:31	11.44	48.758	31.73	8.99	8.1	4	1.041	100.6
121	11/27/2008 16:46	11.44	48.771	31.74	8.98	8.1	3.7	0.935	100.5
122	11/27/2008 17:01	11.43	48.724	31.7	9	8.1	3.7	0.852	100.7
123	11/27/2008 17:16	11.42	48.852	31.8	8.97	8.1	3.7	0.803	100.4
124	11/27/2008 17:31	11.42	48.633	31.64	9	8.11	3.3	0.739	100.6
125	11/27/2008 17:46	11.44	48.816	31.77	9	8.24	2.6	0.737	100.8
126	11/27/2008 18:01	11.41	48.928	31.85	9.09	8.24	3.2	0.778	101.7
127	11/27/2008 18:16	11.42	48.534	31.57	9.13	8.13	2.8	0.823	102.1
128	11/27/2008 18:31	11.4	48.562	31.58	9.07	8.12	2.9	0.877	101.3
129	11/27/2008 18:46	11.39	48.697	31.68	9.04	8.12	3	0.952	101
130	11/27/2008 19:01	11.36	48.702	31.68	9.01	8.11	2.9	1.044	100.7
131	11/27/2008 19:16	11.31	48.601	31.61	8.95	8.22	3.9	1.112	99.8
132	11/27/2008 19:31	11.34	48.451	31.5	8.95	8.1	3.4	1.185	99.8
133	11/27/2008 19:46	11.34	48.445	31.5	8.92	8.1	3.7	1.263	99.5
134	11/27/2008 20:01	11.32	48.295	31.39	8.88	8.09	3.8	1.367	98.9
135	11/27/2008 20:16	11.3	48.275	31.37	8.85	8.09	3.8	1.424	98.6
136	11/27/2008 20:31	11.33	48.567	31.58	8.81	8.08	3.7	1.509	98.2
137	11/27/2008 20:46	11.33	48.733	31.7	8.78	8.08	3.4	1.628	98
138	11/27/2008 21:01	11.36	48.821	31.77	8.73	8.07	3.7	1.712	97.6
139	11/27/2008 21:16	11.34	48.894	31.82	8.69	8.07	3.7	1.812	97.1
140	11/27/2008 21:31	11.33	48.929	31.85	8.66	8.07	3.8	1.917	96.8
141	11/27/2008 21:46	11.33	49.027	31.92	8.66	8.07	4.2	2.008	96.8
142	11/27/2008 22:01	11.32	49.094	31.96	8.64	8.06	4.5	2.102	96.6
143	11/27/2008 22:16	11.3	49.228	32.06	8.62	8.06	4.5	2.186	96.4
144	11/27/2008 22:31	11.29	49.125	31.99	8.6	8.06	4.3	2.27	96.1
145	11/27/2008 22:46	11.29	49.181	32.03	8.58	8.06	4.6	2.352	95.9
146	11/27/2008 23:01	11.27	49.264	32.09	8.56	8.05	4.8	2.42	95.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
147	11/27/2008 23:16	11.23	49.399	32.18	8.55	8.05	5.2	2.492	95.5
148	11/27/2008 23:31	11.19	49.382	32.17	8.54	8.04	4.9	2.562	95.3
149	11/27/2008 23:46	11.16	49.579	32.31	8.52	8.04	4.9	2.628	95.2
150	11/28/2008 0:01	11.12	49.593	32.32	8.51	8.04	4.6	2.693	95
151	11/28/2008 0:16	11.09	49.729	32.41	8.51	8.03	4.6	2.733	95
152	11/28/2008 0:31	11.08	49.784	32.45	8.52	8.04	4.4	2.786	95
153	11/28/2008 0:46	11.06	49.88	32.52	8.51	8.03	3.6	2.822	94.9
154	11/28/2008 1:01	11.06	49.813	32.47	8.42	8.03	4.2	2.841	93.9
155	11/28/2008 1:16	11.08	49.548	32.28	8.4	8.03	3.2	2.84	93.6
156	11/28/2008 1:31	11.07	49.872	32.52	8.42	8.03	3.5	2.815	93.9
157	11/28/2008 1:46	11.06	49.851	32.5	8.44	8.03	3.4	2.782	94.1
158	11/28/2008 2:01	10.78	49.171	31.99	8.29	8.02	3.8	2.735	91.7
159	11/28/2008 2:16	10.92	49.403	32.17	8.33	8.03	3.8	2.672	92.5
160	11/28/2008 2:31	10.98	49.404	32.17	8.37	8.04	3.8	2.625	93.1
161	11/28/2008 2:46	11	49.339	32.13	8.37	8.04	3.8	2.543	93.1
162	11/28/2008 3:01	10.95	49.187	32.01	8.35	8.03	3.5	2.469	92.7
163	11/28/2008 3:16	10.91	49.349	32.13	8.33	8.03	3.4	2.421	92.5
164	11/28/2008 3:31	10.87	49.242	32.05	8.32	8.03	3.5	2.348	92.2
165	11/28/2008 3:46	10.87	49.263	32.06	8.32	8.03	3.4	2.299	92.2
166	11/28/2008 4:01	10.85	49.14	31.97	8.32	8.04	3.5	2.255	92.1
167	11/28/2008 4:16	10.89	49.147	31.98	8.34	8.04	3.4	2.227	92.4
168	11/28/2008 4:31	10.88	49.166	31.99	8.33	8.04	3.4	2.173	92.3
169	11/28/2008 4:46	10.87	49.006	31.88	8.33	8.04	3.5	2.163	92.2
170	11/28/2008 5:01	10.88	49.134	31.97	8.31	8.04	3.2	2.134	92
171	11/28/2008 5:16	10.93	49.146	31.98	8.31	8.04	2.4	2.116	92.2
172	11/28/2008 5:31	10.9	48.98	31.86	8.38	8.04	2.9	2.131	92.8
173	11/28/2008 5:46	10.86	48.985	31.86	8.38	8.04	3.1	2.133	92.8
174	11/28/2008 6:01	10.92	49.241	32.05	8.39	8.04	2.9	2.148	93
175	11/28/2008 6:16	10.95	49.058	31.92	8.4	8.04	3.1	2.172	93.1
176	11/28/2008 6:31	10.97	49.231	32.05	8.43	8.05	3.3	2.227	93.6
177	11/28/2008 6:46	10.99	49.257	32.07	8.43	8.04	3.5	2.264	93.6
178	11/28/2008 7:01	10.95	48.885	31.79	8.42	8.04	3.7	2.334	93.3
179	11/28/2008 7:16	10.96	49.103	31.95	8.4	8.04	3.8	2.385	93.2
180	11/28/2008 7:31	10.96	49.259	32.06	8.4	8.04	3.4	2.463	93.2
181	11/28/2008 7:46	10.95	49.426	32.19	8.38	8.03	3.4	2.507	93.1
182	11/28/2008 8:01	10.98	49.593	32.31	8.38	8.03	3.4	2.564	93.2
183	11/28/2008 8:16	10.99	49.457	32.21	8.42	8.03	3.4	2.663	93.6
184	11/28/2008 8:31	11.01	49.638	32.34	8.46	8.04	3.3	2.7	94.2
185	11/28/2008 8:46	11.02	49.744	32.42	8.47	8.04	3.2	2.764	94.3
186	11/28/2008 9:01	11.03	49.841	32.49	8.47	8.04	3.5	2.876	94.5
187	11/28/2008 9:16	11.02	49.966	32.58	8.49	8.04	3.3	2.924	94.7
188	11/28/2008 9:31	11.01	49.929	32.55	8.51	8.03	3.3	3.004	94.9
189	11/28/2008 9:46	11.01	50.195	32.75	8.51	8.04	3.4	3.054	95
190	11/28/2008 10:01	11	50.528	32.99	8.5	8.13	3.1	3.107	95
191	11/28/2008 10:16	10.99	50.244	32.78	8.5	8.16	2.8	3.235	94.8
192	11/28/2008 10:31	10.99	50.339	32.85	8.55	8.04	2.7	3.26	95.4
193	11/28/2008 10:46	10.97	50.246	32.78	8.53	8.04	2.4	3.287	95.2
194	11/28/2008 11:01	10.96	49.986	32.59	8.57	8.04	2.4	3.372	95.4
195	11/28/2008 11:16	10.96	49.948	32.56	8.55	8.04	2.3	3.352	95.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
196	11/28/2008 11:31	10.99	49.996	32.6	8.53	8.04	2	3.383	95.1
197	11/28/2008 11:46	10.98	50.046	32.64	8.46	8.03	2.1	3.353	94.3
198	11/28/2008 12:01	10.96	50.283	32.81	8.49	8.03	2.3	3.299	94.7
199	11/28/2008 12:16	11.03	50.105	32.68	8.58	8.04	2.1	3.287	95.8
200	11/28/2008 12:31	11.11	49.587	32.31	8.69	8.05	2.1	3.216	97
201	11/28/2008 12:46	11.2	49.824	32.49	8.99	8.07	2.4	3.118	100.6
202	11/28/2008 13:01	11.18	49.912	32.55	8.83	8.06	3.1	3.038	98.8
203	11/28/2008 13:16	11.19	49.85	32.51	8.79	8.06	3.1	2.952	98.3
204	11/28/2008 13:31	11.12	49.168	32.01	8.85	7.78	3.3	2.849	98.5
205	11/28/2008 13:46	11.15	49.646	32.36	8.87	8.31	3.4	2.748	99
206	11/28/2008 14:01	11.17	49.427	32.2	8.88	8.07	3.5	2.64	99.1
207	11/28/2008 14:16	11.2	49.513	32.26	9	8.07	3.5	2.522	100.5
208	11/28/2008 14:31	11.2	49.407	32.19	9.06	8.08	3.8	2.415	101.1
209	11/28/2008 14:46	11.2	49.415	32.19	9.15	8.09	4.1	2.301	102.2
210	11/28/2008 15:01	11.29	49.565	32.3	9.2	8.1	3.2	2.153	103
211	11/28/2008 15:16	11.3	49.432	32.21	9.2	8.1	4.5	2.022	103
212	11/28/2008 15:31	11.35	49.528	32.28	9.35	8.12	3.8	1.884	104.9
213	11/28/2008 15:46	11.34	49.259	32.09	9.39	8.11	4.6	1.769	105.1
214	11/28/2008 16:01	11.34	49.416	32.2	9.47	8.12	4.3	1.626	106.1
215	11/28/2008 16:16	11.34	49.345	32.15	9.54	8.13	4.3	1.489	106.9
216	11/28/2008 16:31	11.33	49.232	32.07	9.39	8.13	4.6	1.318	105.1
217	11/28/2008 16:46	11.31	49.124	31.99	9.35	8.12	4.3	1.218	104.5
218	11/28/2008 17:01	11.3	49.109	31.97	9.32	8.11	4	1.051	104.2
219	11/28/2008 17:16	11.29	49.179	32.02	9.33	8.12	4.1	0.963	104.3
220	11/28/2008 17:31	11.28	49.112	31.98	9.34	8.12	4.5	0.884	104.4
221	11/28/2008 17:46	11.27	49.039	31.92	9.3	8.12	4.5	0.792	103.9
222	11/28/2008 18:01	11.26	49.078	31.95	9.31	8.12	4.2	0.705	104
223	11/28/2008 18:16	11.25	48.991	31.89	9.26	8.11	6.2	0.712	103.4
224	11/28/2008 18:31	11.25	49.054	31.93	9.39	8.13	3.9	0.725	104.8
225	11/28/2008 18:46	11.25	48.867	31.8	9.55	8.14	3.1	0.795	106.5
226	11/28/2008 19:01	11.19	48.827	31.76	9.57	8.15	3.2	0.826	106.5
227	11/28/2008 19:16	11.19	48.654	31.64	9.57	8.14	3.5	0.93	106.5
228	11/28/2008 19:31	11.17	48.734	31.7	9.59	8.15	3.7	0.988	106.7
229	11/28/2008 19:46	11.18	48.896	31.81	9.56	8.15	3.5	1.067	106.4
230	11/28/2008 20:01	10.99	48.48	31.5	9.49	8.12	5.8	1.138	105
231	11/28/2008 20:16	10.99	48.513	31.53	9.43	8.12	5.3	1.195	104.4
232	11/28/2008 20:31	10.97	48.556	31.56	9.42	8.12	5.2	1.27	104.2
233	11/28/2008 20:46	11.04	48.644	31.62	9.43	8.12	4.7	1.371	104.6
234	11/28/2008 21:01	11.09	48.875	31.79	9.39	8.12	4.6	1.461	104.4
235	11/28/2008 21:16	11.12	48.844	31.77	9.34	8.12	4.6	1.544	103.9
236	11/28/2008 21:31	11.11	48.803	31.74	9.3	8.11	4.5	1.64	103.4
237	11/28/2008 21:46	11.16	49.081	31.95	9.22	8.1	4.6	1.757	102.8
238	11/28/2008 22:01	11.18	48.988	31.88	9.14	8.1	4.6	1.852	101.8
239	11/28/2008 22:16	11.2	49.113	31.97	9.1	8.09	4.8	1.932	101.5
240	11/28/2008 22:31	11.23	49.201	32.04	9.04	8.21	4.8	2.05	100.9
241	11/28/2008 22:46	11.22	49.185	32.03	9.01	8.08	5.4	2.123	100.6
242	11/28/2008 23:01	11.21	49.244	32.07	8.97	8.08	4.8	2.212	100.1
243	11/28/2008 23:16	11.21	49.209	32.04	8.94	8.07	4.9	2.299	99.7
244	11/28/2008 23:31	11.21	49.356	32.15	8.92	8.07	4.9	2.386	99.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
245	11/28/2008 23:46	11.2	49.249	32.07	8.89	8.07	5.4	2.447	99.3
246	11/29/2008 0:01	11.18	49.295	32.1	8.84	8.06	5.3	2.526	98.6
247	11/29/2008 0:16	11.14	49.761	32.44	8.82	8.18	4.8	2.578	98.5
248	11/29/2008 0:31	11.12	49.609	32.33	8.82	8.05	4.7	2.641	98.4
249	11/29/2008 0:46	11.1	49.919	32.55	8.81	8.17	4.6	2.682	98.4
250	11/29/2008 1:01	11.09	49.833	32.49	8.82	8.05	4.3	2.719	98.5
251	11/29/2008 1:16	11.08	49.71	32.4	8.84	8.04	3.9	2.758	98.6
252	11/29/2008 1:31	11.07	50.022	32.62	8.8	8.17	3.3	2.761	98.3
253	11/29/2008 1:46	11.09	49.723	32.41	8.74	8.17	3.1	2.795	97.5
254	11/29/2008 2:01	11.08	49.933	32.56	8.76	8.16	3.4	2.796	97.8
255	11/29/2008 2:16	11.07	49.732	32.41	8.79	8.04	3.3	2.756	98
256	11/29/2008 2:31	11.09	49.361	32.15	8.75	8.05	3.2	2.713	97.5
257	11/29/2008 2:46	11.06	49.519	32.26	8.65	8.17	3.1	2.691	96.3
258	11/29/2008 3:01	11.09	49.604	32.32	8.68	8.17	3.5	2.615	96.8
259	11/29/2008 3:16	11.1	49.406	32.18	8.69	8.05	4.1	2.521	96.8
260	11/29/2008 3:31	11.09	49.112	31.97	8.69	8.05	4	2.479	96.7
261	11/29/2008 3:46	11.1	49.256	32.07	8.66	8.18	3.8	2.449	96.4
262	11/29/2008 4:01	11.09	49.461	32.22	8.63	8.17	3.5	2.349	96.2
263	11/29/2008 4:16	11.07	49.333	32.12	8.59	8.17	3.2	2.33	95.6
264	11/29/2008 4:31	11.1	49.415	32.18	8.64	8.18	3.4	2.251	96.3
265	11/29/2008 4:46	11.1	49.261	32.07	8.62	8.18	3.4	2.221	96
266	11/29/2008 5:01	11.09	49.08	31.94	8.62	8.05	3.4	2.176	95.9
267	11/29/2008 5:16	11.1	49.255	32.07	8.62	8.18	3.2	2.166	96
268	11/29/2008 5:31	11.11	49.124	31.98	8.57	8.18	2.3	2.125	95.4
269	11/29/2008 5:46	11.11	49.245	32.06	8.57	8.18	2.8	2.131	95.4
270	11/29/2008 6:01	11.09	49.131	31.98	8.59	8.18	3.1	2.084	95.5
271	11/29/2008 6:16	11.08	49.078	31.94	8.64	8.18	2.9	2.105	96.1
272	11/29/2008 6:31	11.11	49.293	32.1	8.69	8.18	2.8	2.14	96.8
273	11/29/2008 6:46	11.11	49.29	32.1	8.71	8.18	2.9	2.156	97
274	11/29/2008 7:01	11.12	49.173	32.01	8.74	8.19	3.1	2.22	97.3
275	11/29/2008 7:16	11.11	49.042	31.92	8.73	8.18	3.4	2.28	97.2
276	11/29/2008 7:31	11.09	49.208	32.03	8.73	8.18	3.2	2.314	97.1
277	11/29/2008 7:46	11.04	49.008	31.89	8.71	8.18	4.3	2.374	96.8
278	11/29/2008 8:01	11.08	49.395	32.17	8.71	8.18	3.5	2.446	97
279	11/29/2008 8:16	11.07	49.393	32.17	8.68	8.17	3.5	2.489	96.7
280	11/29/2008 8:31	11.07	49.559	32.29	8.68	8.17	3.4	2.546	96.8
281	11/29/2008 8:46	11.06	49.627	32.34	8.8	8.17	3.6	2.569	98.1
282	11/29/2008 9:01	11.04	49.89	32.53	8.86	8.16	3.4	2.74	98.9
283	11/29/2008 9:16	11.05	49.861	32.51	8.92	8.16	3.4	2.712	99.5
284	11/29/2008 9:31	11.05	49.89	32.53	8.93	8.16	3.2	2.779	99.7
285	11/29/2008 9:46	11.05	50.049	32.64	8.95	8.16	3.4	2.85	100
286	11/29/2008 10:01	11.02	50.052	32.64	8.99	8.16	3.6	2.971	100.3
287	11/29/2008 10:16	11.02	50.097	32.68	9.02	8.16	3.7	2.963	100.7
288	11/29/2008 10:31	11.01	50.253	32.79	9.05	8.16	3.9	3.088	101
289	11/29/2008 10:46	11.02	50.156	32.72	9.07	8.16	3.7	3.099	101.2
290	11/29/2008 11:01	11.01	50.366	32.87	9.06	8.15	4	3.205	101.2
291	11/29/2008 11:16	11.01	50.151	32.71	9.07	8.15	3.4	3.163	101.2
292	11/29/2008 11:31	11.01	50.206	32.75	8.98	8.15	3.2	3.258	100.2
293	11/29/2008 11:46	11.02	50.49	32.96	8.94	8.15	2.7	3.315	100

sonde #1			Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
294	11/29/2008 12:01	11.03	50.215	32.76	8.96	8.15	2.3	3.289	100
295	11/29/2008 12:16	11.04	50.162	32.72	9	8.15	3.1	3.271	100.6
296	11/29/2008 12:31	11.01	50.525	32.99	8.98	8.15	2.7	3.259	100.4
297	11/29/2008 12:46	11.01	50.196	32.75	8.97	8.15	3.1	3.244	100.1
298	11/29/2008 13:01	11.07	50.233	32.78	9.14	8.16	3.4	3.151	102.2
299	11/29/2008 13:16	11.42	50.155	32.74	9.56	8.21	3.1	3.07	107.6
300	11/29/2008 13:31	11.4	49.867	32.53	9.56	8.21	2.8	3.031	107.4
301	11/29/2008 13:46	11.41	49.678	32.39	9.41	8.2	3.7	2.902	105.7
302	11/29/2008 14:01	11.36	49.888	32.54	9.39	8.2	3.6	2.834	105.4
303	11/29/2008 14:16	11.34	49.873	32.53	9.43	8.2	3.5	2.711	105.8
304	11/29/2008 14:31	11.41	49.589	32.33	9.52	8.22	3.5	2.571	106.9
305	11/29/2008 14:46	11.51	50.01	32.64	9.55	8.19	3.4	2.52	107.6
306	11/29/2008 15:01	11.54	49.53	32.29	9.62	8.18	4	2.39	108.3
307	11/29/2008 15:16	11.56	49.191	32.05	9.69	8.25	3.3	2.275	109
308	11/29/2008 15:31	11.56	49.423	32.22	9.75	8.25	3.5	2.152	109.8
309	11/29/2008 15:46	11.56	49.573	32.32	9.82	8.25	3.6	2.002	110.7
310	11/29/2008 16:01	11.55	49.437	32.23	9.8	8.25	4.2	1.919	110.3
311	11/29/2008 16:16	11.56	49.523	32.29	9.86	8.26	4.2	1.796	111
312	11/29/2008 16:31	11.56	49.463	32.24	9.91	8.27	5.4	1.633	111.6
313	11/29/2008 16:46	11.55	49.335	32.15	9.89	8.27	4.5	1.507	111.3
314	11/29/2008 17:01	11.55	49.137	32.01	9.95	8.28	4.7	1.373	111.8
315	11/29/2008 17:16	11.55	49.353	32.16	9.79	8.27	4.6	1.274	110.1
316	11/29/2008 17:31	11.54	49.177	32.04	9.72	8.26	4.2	1.142	109.2
317	11/29/2008 17:46	11.55	49.161	32.03	9.74	8.27	4.4	1.065	109.5
318	11/29/2008 18:01	11.55	49.177	32.04	9.74	8.27	4.5	0.916	109.5
319	11/29/2008 18:16	11.54	49.028	31.93	9.74	8.27	6.5	0.892	109.4
320	11/29/2008 18:31	11.56	49.061	31.95	9.79	8.28	5.1	0.827	110
321	11/29/2008 18:46	11.54	49.009	31.91	9.78	8.28	4.5	0.804	109.8
322	11/29/2008 19:01	11.5	48.992	31.9	9.7	8.27	5.2	0.827	108.9
323	11/29/2008 19:16	11.56	48.917	31.85	9.87	8.28	3.1	0.891	110.8
324	11/29/2008 19:31	11.52	49.063	31.95	9.86	8.28	2.7	0.869	110.7
325	11/29/2008 19:46	11.51	48.949	31.87	9.9	8.28	2.6	0.87	111.1
326	11/29/2008 20:01	11.5	48.924	31.85	9.93	8.28	2.7	0.983	111.3
327	11/29/2008 20:16	11.49	48.978	31.89	9.95	8.29	3.4	1.101	111.7
328	11/29/2008 20:31	11.46	48.681	31.67	9.8	8.27	4.9	1.165	109.7
329	11/29/2008 20:46	11.46	48.749	31.72	9.75	8.26	4.5	1.18	109.2
330	11/29/2008 21:01	11.47	48.758	31.73	9.7	8.26	4.4	1.286	108.7
331	11/29/2008 21:16	11.47	47.948	31.14	9.72	8.37	4.1	1.344	108.5
332	11/29/2008 21:31	11.49	48.73	31.71	9.71	8.13	4.2	1.438	108.8
333	11/29/2008 21:46	11.52	48.991	31.9	9.73	8.26	3.9	1.578	109.3
334	11/29/2008 22:01	11.52	49.072	31.96	9.71	8.25	3.9	1.614	109
335	11/29/2008 22:16	11.52	49.171	32.03	9.65	8.25	3.6	1.719	108.5
336	11/29/2008 22:31	11.5	49.201	32.05	9.52	8.24	3.7	1.806	106.9
337	11/29/2008 22:46	11.5	49.087	31.97	9.49	8.23	3.7	1.9	106.5
338	11/29/2008 23:01	11.52	49.322	32.14	9.48	8.23	4	1.989	106.5
339	11/29/2008 23:16	11.51	49.383	32.18	9.46	8.23	4.1	2.061	106.3
340	11/29/2008 23:31	11.5	49.149	32.01	9.45	8.22	4.5	2.149	106
341	11/29/2008 23:46	11.46	49.37	32.17	9.4	8.22	4.4	2.266	105.5
342	11/30/2008 0:01	11.44	49.491	32.26	9.35	8.21	4.7	2.308	105

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
343	11/30/2008 0:16	11.42	49.524	32.28	9.32	8.2	5.3	2.353	104.7
344	11/30/2008 0:31	11.37	49.57	32.31	9.28	8.2	5.1	2.448	104.1
345	11/30/2008 0:46	11.33	49.598	32.33	9.26	8.19	5.1	2.518	103.8
346	11/30/2008 1:01	11.27	49.923	32.56	9.21	8.18	5.3	2.619	103.3
347	11/30/2008 1:16	11.21	49.92	32.56	9.18	8.17	5.4	2.667	102.8
348	11/30/2008 1:31	11.18	49.921	32.56	9.16	8.17	5.2	2.672	102.5
349	11/30/2008 1:46	11.17	49.95	32.58	9.11	8.17	4.7	2.772	101.9
350	11/30/2008 2:01	11.14	50.13	32.71	9.07	8.16	4.5	2.774	101.5
351	11/30/2008 2:16	11.14	49.862	32.51	9.01	8.16	4	2.755	100.7
352	11/30/2008 2:31	11.15	49.983	32.6	8.97	8.16	4.3	2.799	100.3
353	11/30/2008 2:46	11.11	50.073	32.66	8.96	8.16	4.3	2.777	100.2
354	11/30/2008 3:01	11.13	50.038	32.64	8.96	8.17	3.7	2.727	100.2
355	11/30/2008 3:16	11.14	49.822	32.48	8.99	8.18	3.7	2.672	100.5
356	11/30/2008 3:31	11	49.615	32.32	8.94	8.19	3.5	2.64	99.5
357	11/30/2008 3:46	11.15	49.937	32.57	9.02	8.19	3.8	2.59	100.9
358	11/30/2008 4:01	11.14	49.801	32.47	9.03	8.2	3.4	2.579	100.9
359	11/30/2008 4:16	11.04	49.504	32.25	8.99	8.2	3.4	2.516	100.1
360	11/30/2008 4:31	10.94	49.64	32.34	8.93	8.19	3.2	2.461	99.3
361	11/30/2008 4:46	11.09	49.351	32.14	9	8.2	3.1	2.393	100.3
362	11/30/2008 5:01	11.11	49.629	32.34	9.03	8.2	3.3	2.308	100.7
363	11/30/2008 5:16	11.09	49.591	32.31	8.97	8.2	2.9	2.293	100.1
364	11/30/2008 5:31	11.12	49.508	32.25	9	8.21	3.1	2.225	100.3
365	11/30/2008 5:46	11.14	49.118	31.97	9.02	8.21	3.2	2.226	100.5
366	11/30/2008 6:01	11.17	49.41	32.19	8.96	8.21	2.1	2.218	100
367	11/30/2008 6:16	11.15	49.174	32.01	8.96	8.21	2.1	2.181	99.9
368	11/30/2008 6:31	11.19	49.189	32.03	9.05	8.22	2.6	2.182	101
369	11/30/2008 6:46	11.14	48.701	31.67	9.07	8.34	2.7	2.176	100.9
370	11/30/2008 7:01	11.16	49.395	32.17	9.1	8.22	2.5	2.159	101.5
371	11/30/2008 7:16	11.17	49.362	32.15	9.09	8.22	2.4	2.2	101.5
372	11/30/2008 7:31	11.21	49.355	32.15	9.12	8.22	2.7	2.231	101.8
373	11/30/2008 7:46	11.2	49.274	32.09	9.15	8.22	2.8	2.254	102.1
374	11/30/2008 8:01	11.17	49.487	32.24	9.12	8.21	3.3	2.311	101.9
375	11/30/2008 8:16	11.11	49.416	32.19	9.12	8.21	3.2	2.349	101.6
376	11/30/2008 8:31	11.12	49.527	32.27	9.1	8.2	3.3	2.402	101.5
377	11/30/2008 8:46	11.09	49.557	32.29	9.08	8.2	3.4	2.458	101.3
378	11/30/2008 9:01	11.07	49.637	32.34	9.06	8.2	3.5	2.5	101
379	11/30/2008 9:16	11.09	49.795	32.46	9.06	8.19	3.4	2.54	101.1
380	11/30/2008 9:31	11.09	49.872	32.52	9.11	8.18	3.7	2.662	101.7
381	11/30/2008 9:46	11.09	50.2	32.75	9.14	8.18	4	2.735	102.3
382	11/30/2008 10:01	11.1	50.021	32.62	9.18	8.17	3.6	2.759	102.6
383	11/30/2008 10:16	11.1	50.216	32.77	9.18	8.17	3.7	2.863	102.7
384	11/30/2008 10:31	11.08	50.287	32.82	9.22	8.17	4.2	2.958	103.1
385	11/30/2008 10:46	11.06	50.069	32.66	9.26	8.17	4.3	2.995	103.5
386	11/30/2008 11:01	11.05	50.039	32.63	9.29	8.16	4.5	3.02	103.7
387	11/30/2008 11:16	11.04	49.682	32.38	9.34	8.29	4.5	3.084	104.1
388	11/30/2008 11:31	11.03	50.435	32.92	9.32	8.16	4.5	3.15	104.2
389	11/30/2008 11:46	11.03	50.385	32.89	9.32	8.16	4.5	3.17	104.2
390	11/30/2008 12:01	11.04	50.218	32.76	9.37	8.16	3.9	3.211	104.6
391	11/30/2008 12:16	11.06	50.429	32.92	9.35	8.16	3.7	3.267	104.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
392	11/30/2008 12:31	11.09	50.433	32.92	9.32	8.17	3.7	3.274	104.3
393	11/30/2008 12:46	11.07	50.426	32.92	9.23	8.08	2.8	3.273	103.2
394	11/30/2008 13:01	11.03	50.267	32.8	9.28	8.16	3.4	3.258	103.6
395	11/30/2008 13:16	11.03	50.521	32.98	9.28	8.16	3.4	3.187	103.8
396	11/30/2008 13:31	11.05	50.241	32.78	9.31	8.16	3.5	3.148	104.1
397	11/30/2008 13:46	11.54	50.15	32.74	9.78	8.23	3.1	3.071	110.5
398	11/30/2008 14:01	11.6	50.034	32.66	10	8.25	3.7	3.014	113
399	11/30/2008 14:16	11.47	50.095	32.7	9.7	8.22	3.3	2.941	109.3
400	11/30/2008 14:31	11.52	50.013	32.64	9.76	8.23	3.2	2.816	110.1
401	11/30/2008 14:46	11.46	49.856	32.52	9.78	8.23	3.5	2.722	110.1
402	11/30/2008 15:01	11.48	49.689	32.4	9.83	8.24	3.2	2.602	110.6
403	11/30/2008 15:16	11.59	49.864	32.54	10.02	8.27	2.9	2.513	113.1
404	11/30/2008 15:31	11.6	49.633	32.37	10.07	8.27	3.1	2.427	113.6
405	11/30/2008 15:46	11.63	49.426	32.22	10.14	8.29	3.2	2.296	114.3
406	11/30/2008 16:01	11.59	49.587	32.34	10.06	8.28	4.4	2.2	113.4
407	11/30/2008 16:16	11.58	49.454	32.24	10.08	8.28	4.3	2.065	113.6
408	11/30/2008 16:31	11.58	49.298	32.13	10.03	8.28	4.2	1.965	112.9
409	11/30/2008 16:46	11.55	49.558	32.31	10.02	8.27	4	1.822	112.8
410	11/30/2008 17:01	11.56	49.479	32.26	9.99	8.28	4.8	1.722	112.5
411	11/30/2008 17:16	11.58	49.257	32.1	10.03	8.28	5.1	1.566	112.9
412	11/30/2008 17:31	11.54	49.377	32.18	10.03	8.29	4.9	1.465	112.8
413	11/30/2008 17:46	11.6	49.243	32.09	10	8.29	4.3	1.326	112.5
414	11/30/2008 18:01	11.59	49.03	31.93	9.94	8.29	4.2	1.226	111.8
415	11/30/2008 18:16	11.6	49.397	32.2	9.89	8.29	3.8	1.082	111.4
416	11/30/2008 18:31	11.63	49.035	31.94	9.96	8.29	3.9	1.024	112
417	11/30/2008 18:46	11.62	49.087	31.97	10.01	8.3	4.7	0.948	112.6
418	11/30/2008 19:01	11.64	48.921	31.86	10.07	8.3	4.3	0.867	113.3
419	11/30/2008 19:16	11.6	48.979	31.9	9.98	8.3	3.5	0.848	112.2
420	11/30/2008 19:31	11.58	48.846	31.8	9.89	8.3	2.1	0.852	111.1
421	11/30/2008 19:46	11.56	48.929	31.86	10	8.3	3.4	0.892	112.3
422	11/30/2008 20:01	11.58	48.91	31.84	10.12	8.31	2.7	0.884	113.7
423	11/30/2008 20:16	11.59	49.142	32.01	10.13	8.31	2.7	0.967	113.9
424	11/30/2008 20:31	11.52	48.934	31.86	10.16	8.31	2.7	1.035	114
425	11/30/2008 20:46	11.53	49.145	32.01	10.16	8.31	3.1	1.104	114.1
426	11/30/2008 21:01	11.4	48.752	31.72	9.99	8.28	3.4	1.166	111.7
427	11/30/2008 21:16	11.34	48.509	31.54	9.83	8.26	4	1.254	109.6
428	11/30/2008 21:31	11.32	48.743	31.71	9.82	8.26	3.8	1.318	109.6
429	11/30/2008 21:46	11.39	48.72	31.7	9.87	8.27	3.7	1.396	110.3
430	11/30/2008 22:01	11.5	48.868	31.81	9.99	8.28	3.4	1.474	112.1
431	11/30/2008 22:16	11.52	49.165	32.03	9.99	8.28	3.1	1.568	112.2
432	11/30/2008 22:31	11.53	48.968	31.88	9.99	8.28	3.1	1.66	112.2
433	11/30/2008 22:46	11.54	49.119	31.99	9.93	8.28	3.3	1.745	111.6
434	11/30/2008 23:01	11.54	49.054	31.95	9.84	8.27	3.5	1.842	110.6
435	11/30/2008 23:16	11.56	49.185	32.04	9.82	8.27	3.4	1.934	110.4
436	11/30/2008 23:31	11.58	49.176	32.04	9.84	8.27	3.6	2.021	110.6
437	11/30/2008 23:46	11.57	49.354	32.17	9.81	8.26	3.7	2.097	110.4
438	12/1/2008 0:01	11.54	49.454	32.24	9.76	8.26	4	2.174	109.9
439	12/1/2008 0:16	11.52	48.87	31.81	9.75	8.38	4	2.254	109.4
440	12/1/2008 0:31	11.5	49.417	32.21	9.68	8.09	4.1	2.326	108.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
441	12/1/2008 0:46	11.47	49.507	32.27	9.64	8.23	4.4	2.394	108.3
442	12/1/2008 1:01	11.43	49.689	32.4	9.58	8.23	4.7	2.475	107.7
443	12/1/2008 1:16	11.36	49.749	32.44	9.54	8.22	5.3	2.536	107.1
444	12/1/2008 1:31	11.33	49.756	32.45	9.51	8.21	5.2	2.578	106.6
445	12/1/2008 1:46	11.28	49.884	32.54	9.46	8.2	5.1	2.651	106.1
446	12/1/2008 2:01	11.24	49.823	32.49	9.45	8.19	5.5	2.696	105.8
447	12/1/2008 2:16	11.21	50.126	32.71	9.44	8.19	5	2.727	105.8
448	12/1/2008 2:31	11.2	49.849	32.5	9.43	8.19	5.1	2.756	105.5
449	12/1/2008 2:46	11.18	50.167	32.73	9.35	8.18	3.9	2.776	104.7
450	12/1/2008 3:01	11.22	49.904	32.55	9.31	8.19	3.5	2.817	104.3
451	12/1/2008 3:16	11.19	50.188	32.75	9.3	8.18	4	2.804	104.3
452	12/1/2008 3:31	11.17	50.055	32.65	9.34	8.18	4.6	2.747	104.5
453	12/1/2008 3:46	11.1	49.561	32.29	9.33	8.19	3.5	2.712	104.1
454	12/1/2008 4:01	11.01	49.581	32.3	9.18	8.2	3.2	2.681	102.2
455	12/1/2008 4:16	11.19	49.52	32.27	9.31	8.21	3.5	2.623	104
456	12/1/2008 4:31	11.13	49.681	32.38	9.26	8.21	3.8	2.549	103.3
457	12/1/2008 4:46	11.06	50.027	32.63	9.22	8.17	3.1	2.49	102.9
458	12/1/2008 5:01	11.15	49.529	32.27	9.28	8.14	3.1	2.461	103.6
459	12/1/2008 5:16	11.14	49.483	32.24	9.26	8.21	2.8	2.401	103.3
460	12/1/2008 5:31	11.13	49.272	32.08	9.27	8.21	3	2.334	103.3
461	12/1/2008 5:46	11.14	49.373	32.16	9.26	8.21	2.7	2.286	103.2
462	12/1/2008 6:01	11.16	49.371	32.16	9.26	8.22	2.9	2.274	103.3
463	12/1/2008 6:16	11.17	49.378	32.16	9.24	8.22	2.6	2.239	103.1
464	12/1/2008 6:31	11.16	49.404	32.18	9.23	8.22	2.8	2.223	103
465	12/1/2008 6:46	11.21	49.231	32.06	9.23	8.23	2.4	2.225	103
466	12/1/2008 7:01	11.26	49.391	32.18	9.18	8.23	1.6	2.204	102.6
467	12/1/2008 7:16	11.21	49.23	32.06	9.29	8.23	2.4	2.22	103.7
468	12/1/2008 7:31	11.22	49.077	31.95	9.29	8.23	2.4	2.206	103.6
469	12/1/2008 7:46	11.22	49.254	32.08	9.37	8.23	2.5	2.212	104.6
470	12/1/2008 8:01	11.23	49.085	31.95	9.4	8.23	2.4	2.251	104.9
471	12/1/2008 8:16	11.25	49.362	32.15	9.41	8.23	2.6	2.263	105.1
472	12/1/2008 8:31	11.25	49.515	32.27	9.4	8.23	2.4	2.305	105.1
473	12/1/2008 8:46	11.24	49.205	32.04	9.4	8.22	2.9	2.343	104.9
474	12/1/2008 9:01	11.18	49.3	32.11	9.38	8.22	2.9	2.386	104.7
475	12/1/2008 9:16	11.18	49.612	32.33	9.37	8.22	3	2.455	104.7
476	12/1/2008 9:31	11.18	49.31	32.11	9.38	8.21	3.1	2.507	104.6
477	12/1/2008 9:46	11.16	49.646	32.36	9.35	8.21	2.7	2.546	104.4
478	12/1/2008 10:01	11.15	49.742	32.42	9.33	8.2	2.9	2.628	104.2
479	12/1/2008 10:16	11.14	49.747	32.43	9.37	8.2	3.2	2.68	104.6
480	12/1/2008 10:31	11.12	50.051	32.65	9.4	8.19	3.2	2.734	105.1
481	12/1/2008 10:46	11.13	50.012	32.62	9.41	8.19	3.3	2.788	105.3
482	12/1/2008 11:01	11.14	50.112	32.69	9.43	8.19	3.2	2.841	105.5
483	12/1/2008 11:16	11.15	49.952	32.58	9.44	8.18	3.2	2.896	105.6
484	12/1/2008 11:31	11.14	49.928	32.56	9.45	8.18	3.3	2.959	105.7
485	12/1/2008 11:46	11.11	50.149	32.72	9.43	8.18	3.1	3.007	105.5
486	12/1/2008 12:01	11.1	50.303	32.83	9.41	8.17	3.3	3.038	105.3
487	12/1/2008 12:16	11.1	50.293	32.82	9.4	8.17	3.4	3.087	105.2
488	12/1/2008 12:31	11.1	50.023	32.63	9.39	8.17	3.1	3.119	104.9
489	12/1/2008 12:46	11.09	50.334	32.85	9.34	8.17	3	3.142	104.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
490	12/1/2008 13:01	11.1	50.124	32.7	9.32	8.17	3.1	3.156	104.2
491	12/1/2008 13:16	11.14	50.23	32.78	9.33	8.17	2.9	3.164	104.5
492	12/1/2008 13:31	11.1	50.4	32.9	9.27	8.17	2.6	3.159	103.8
493	12/1/2008 13:46	11.09	50.359	32.87	9.27	8.16	2.4	3.124	103.8
494	12/1/2008 14:01	11.12	50.417	32.91	9.33	8.17	2.7	3.088	104.5
495	12/1/2008 14:16	11.34	50.028	32.64	9.72	8.2	2.4	3.044	109.1
496	12/1/2008 14:31	11.52	50.037	32.66	10.05	8.24	2.6	2.965	113.3
497	12/1/2008 14:46	11.57	49.914	32.57	10.05	8.25	2.6	2.892	113.3
498	12/1/2008 15:01	11.5	50.055	32.67	9.86	8.24	3.1	2.801	111.1
499	12/1/2008 15:16	11.48	49.875	32.54	9.89	8.24	3.6	2.724	111.4
500	12/1/2008 15:31	11.55	49.905	32.56	10.03	8.26	2.9	2.632	113.1
501	12/1/2008 15:46	11.59	49.734	32.44	10.22	8.27	2.9	2.524	115.3
502	12/1/2008 16:01	11.63	49.43	32.22	10.26	8.28	3	2.424	115.7
503	12/1/2008 16:16	11.67	49.381	32.19	10.31	8.3	3	2.323	116.3
504	12/1/2008 16:31	11.64	49.305	32.13	10.24	8.29	3.4	2.212	115.4
505	12/1/2008 16:46	11.62	49.373	32.18	10.31	8.29	2.7	2.099	116.2
506	12/1/2008 17:01	11.57	49.632	32.37	10.14	8.28	3.5	1.983	114.3
507	12/1/2008 17:16	11.55	49.421	32.21	10.01	8.27	3.4	1.869	112.7
508	12/1/2008 17:31	11.55	49.652	32.38	9.96	8.27	4.7	1.755	112.2
509	12/1/2008 17:46	11.6	49.204	32.06	10	8.28	5	1.632	112.6
510	12/1/2008 18:01	11.59	49.376	32.18	10	8.28	5.1	1.518	112.7
511	12/1/2008 18:16	11.59	49.273	32.11	9.94	8.28	4.7	1.383	111.9
512	12/1/2008 18:31	11.63	49.216	32.07	9.97	8.29	4.9	1.274	112.3
513	12/1/2008 18:46	11.66	49.242	32.09	10.03	8.3	4.2	1.203	113
514	12/1/2008 19:01	11.65	49.176	32.04	10	8.29	3.7	1.098	112.7
515	12/1/2008 19:16	11.67	49.21	32.07	10.05	8.3	3.8	1.007	113.3
516	12/1/2008 19:31	11.68	48.954	31.88	10.05	8.3	4.8	0.992	113.2
517	12/1/2008 19:46	11.69	48.924	31.86	9.97	8.3	3.5	0.962	112.3
518	12/1/2008 20:01	11.69	49.107	31.99	9.94	8.3	3.1	0.933	112
519	12/1/2008 20:16	11.66	48.771	31.75	10.02	8.3	3.5	0.941	112.7
520	12/1/2008 20:31	11.66	48.933	31.87	10.15	8.31	2.7	1.001	114.2
521	12/1/2008 20:46	11.66	48.94	31.87	10.17	8.31	2.7	1.042	114.5
522	12/1/2008 21:01	11.63	48.998	31.91	10.2	8.31	2.7	1.087	114.8
523	12/1/2008 21:16	11.65	48.762	31.74	10.25	8.31	2.9	1.156	115.2
524	12/1/2008 21:31	11.49	48.586	31.61	10.02	8.28	4.5	1.231	112.2
525	12/1/2008 21:46	11.43	48.379	31.45	9.84	8.26	4.6	1.292	110
526	12/1/2008 22:01	11.52	48.638	31.64	9.97	8.28	4	1.351	111.7
527	12/1/2008 22:16	11.51	48.742	31.72	9.98	8.28	3.8	1.431	111.9
528	12/1/2008 22:31	11.55	48.801	31.77	10.03	8.28	3.7	1.498	112.6
529	12/1/2008 22:46	11.58	48.901	31.84	10.04	8.28	3.6	1.578	112.8
530	12/1/2008 23:01	11.59	48.979	31.9	10.05	8.28	3.3	1.65	112.9
531	12/1/2008 23:16	11.59	49.011	31.92	10.06	8.28	3	1.736	113.1
532	12/1/2008 23:31	11.6	48.935	31.86	10.03	8.28	3.5	1.825	112.7
533	12/1/2008 23:46	11.61	49.354	32.17	9.96	8.27	3.3	1.906	112.2
534	12/2/2008 0:01	11.63	49.151	32.02	9.96	8.27	3.2	1.993	112.1
535	12/2/2008 0:16	11.65	49.451	32.24	9.95	8.27	3.4	2.077	112.3
536	12/2/2008 0:31	11.64	49.422	32.22	9.95	8.27	3.5	2.161	112.1
537	12/2/2008 0:46	11.62	49.425	32.22	9.92	8.27	3.5	2.227	111.9
538	12/2/2008 1:01	11.6	49.422	32.22	9.89	8.26	3.5	2.297	111.4

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
539	12/2/2008 1:16	11.57	49.245	32.09	9.85	8.25	3.6	2.376	110.8
540	12/2/2008 1:31	11.55	49.59	32.34	9.81	8.25	3.7	2.431	110.4
541	12/2/2008 1:46	11.51	49.611	32.35	9.77	8.24	3.8	2.498	110
542	12/2/2008 2:01	11.47	49.827	32.5	9.71	8.23	4	2.559	109.3
543	12/2/2008 2:16	11.45	49.583	32.33	9.67	8.22	4	2.617	108.7
544	12/2/2008 2:31	11.42	49.931	32.58	9.62	8.22	3.7	2.667	108.3
545	12/2/2008 2:46	11.4	49.728	32.43	9.59	8.21	3.4	2.709	107.7
546	12/2/2008 3:01	11.36	49.937	32.58	9.52	8.2	3.8	2.764	107
547	12/2/2008 3:16	11.34	50.092	32.69	9.48	8.2	3.3	2.775	106.6
548	12/2/2008 3:31	11.4	49.757	32.45	9.45	8.21	2.5	2.787	106.2
549	12/2/2008 3:46	11.34	49.944	32.58	9.38	8.19	2.7	2.799	105.4
550	12/2/2008 4:01	11.32	49.94	32.58	9.34	8.19	3.1	2.78	104.8
551	12/2/2008 4:16	11.32	50.082	32.68	9.38	8.19	3.2	2.755	105.3
552	12/2/2008 4:31	11.36	49.963	32.6	9.41	8.2	3.1	2.725	105.7
553	12/2/2008 4:46	11.44	49.624	32.36	9.38	8.21	2.9	2.683	105.4
554	12/2/2008 5:01	11.45	49.798	32.48	9.43	8.22	3.1	2.623	106.1
555	12/2/2008 5:16	11.47	49.519	32.28	9.44	8.22	3.5	2.574	106.1
556	12/2/2008 5:31	11.48	49.521	32.28	9.44	8.22	3.2	2.52	106.1
557	12/2/2008 5:46	11.48	49.46	32.24	9.41	8.22	2.9	2.47	105.8
558	12/2/2008 6:01	11.47	49.613	32.35	9.41	8.22	3.1	2.425	105.8
559	12/2/2008 6:16	11.47	49.618	32.35	9.37	8.22	2.9	2.365	105.4
560	12/2/2008 6:31	11.49	49.463	32.24	9.38	8.22	3.1	2.33	105.5
561	12/2/2008 6:46	11.5	49.497	32.27	9.39	8.22	2.7	2.3	105.6
562	12/2/2008 7:01	11.51	49.249	32.09	9.39	8.23	2.9	2.253	105.5
563	12/2/2008 7:16	11.53	49.469	32.25	9.38	8.23	2.9	2.238	105.5
564	12/2/2008 7:31	11.55	49.097	31.98	9.38	8.24	2	2.241	105.4
565	12/2/2008 7:46	11.56	49.424	32.22	9.35	8.23	2.1	2.218	105.2
566	12/2/2008 8:01	11.55	49.477	32.25	9.27	8.22	2	2.207	104.3
567	12/2/2008 8:16	11.56	49.319	32.14	9.5	8.24	2.7	2.221	106.9
568	12/2/2008 8:31	11.54	49.417	32.21	9.51	8.24	2.4	2.225	107
569	12/2/2008 8:46	11.54	49.293	32.12	9.56	8.24	2.4	2.266	107.4
570	12/2/2008 9:01	11.55	49.494	32.27	9.58	8.24	2.4	2.278	107.9
571	12/2/2008 9:16	11.54	49.548	32.31	9.57	8.24	2.4	2.306	107.8
572	12/2/2008 9:31	11.53	49.521	32.29	9.57	8.24	2.5	2.356	107.7
573	12/2/2008 9:46	11.5	49.383	32.18	9.56	8.23	2.5	2.396	107.5
574	12/2/2008 10:01	11.5	49.549	32.3	9.56	8.23	2.4	2.448	107.5
575	12/2/2008 10:16	11.49	48.959	31.88	9.57	8.36	2.4	2.516	107.3
576	12/2/2008 10:31	11.48	49.667	32.39	9.53	8.22	2.4	2.556	107.3
577	12/2/2008 10:46	11.46	49.699	32.41	9.51	8.22	2.3	2.582	106.9
578	12/2/2008 11:01	11.43	49.785	32.47	9.5	8.21	2.6	2.627	106.8
579	12/2/2008 11:16	11.39	49.789	32.47	9.51	8.15	2.4	2.687	106.8
580	12/2/2008 11:31	11.38	50.084	32.69	9.52	8.2	2.4	2.734	107
581	12/2/2008 11:46	11.39	49.736	32.43	9.53	8.2	2.3	2.776	107
582	12/2/2008 12:01	11.37	50.159	32.74	9.5	8.2	2.3	2.847	106.9
583	12/2/2008 12:16	11.37	50.029	32.64	9.52	8.2	2.4	2.876	107
584	12/2/2008 12:31	11.37	50.176	32.75	9.51	8.2	2.3	2.923	107
585	12/2/2008 12:46	11.37	49.984	32.61	9.52	8.2	2.2	2.964	107
586	12/2/2008 13:01	11.36	50.052	32.66	9.5	8.2	2.2	2.991	106.8
587	12/2/2008 13:16	11.36	50.063	32.67	9.46	8.19	2.1	3.023	106.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
588	12/2/2008 13:31	11.36	50.262	32.81	9.4	8.19	2.1	3.04	105.7
589	12/2/2008 13:46	11.36	50.174	32.75	9.34	8.13	1.5	3.061	105.1
590	12/2/2008 14:01	11.4	50.183	32.76	9.37	8.19	1.9	3.034	105.5
591	12/2/2008 14:16	11.37	50.005	32.63	9.32	8.18	1.8	3.015	104.8
592	12/2/2008 14:31	11.37	50.076	32.68	9.32	8.19	1.8	3.001	104.8
593	12/2/2008 14:46	11.37	50.236	32.8	9.34	8.13	1.9	2.954	105.1
594	12/2/2008 15:01	11.58	50.024	32.65	9.58	8.22	2	2.891	108.2
595	12/2/2008 15:16	11.63	49.993	32.63	9.74	8.17	2.9	2.832	110.1
596	12/2/2008 15:31	11.71	49.895	32.57	9.81	8.24	2.6	2.777	111
597	12/2/2008 15:46	11.73	49.79	32.49	9.92	8.25	2.6	2.693	112.2
598	12/2/2008 16:01	11.77	49.774	32.48	9.94	8.26	2.8	2.591	112.6
599	12/2/2008 16:16	11.78	49.806	32.5	10.03	8.27	2.7	2.509	113.7
600	12/2/2008 16:31	11.85	49.507	32.29	10.2	8.29	2.8	2.418	115.6
601	12/2/2008 16:46	11.89	49.708	32.44	10.29	8.23	2.7	2.33	116.9
602	12/2/2008 17:01	11.9	49.528	32.31	10.4	8.31	2.6	2.241	118
603	12/2/2008 17:16	11.82	49.56	32.33	10.28	8.3	2.8	2.133	116.5
604	12/2/2008 17:31	11.74	49.841	32.53	10.18	8.23	4.8	2.038	115.3
605	12/2/2008 17:46	11.71	49.492	32.27	10.1	8.29	3.2	1.925	114.1
606	12/2/2008 18:01	11.73	49.519	32.29	10	8.29	4	1.824	113
607	12/2/2008 18:16	11.7	49.616	32.36	9.89	8.29	3.8	1.698	111.7
608	12/2/2008 18:31	11.7	49.517	32.29	9.89	8.29	4.1	1.594	111.7
609	12/2/2008 18:46	11.76	49.095	31.99	9.92	8.29	4	1.492	111.9
610	12/2/2008 19:01	11.78	49.344	32.17	9.95	8.29	4.3	1.397	112.5
611	12/2/2008 19:16	11.8	49.127	32.01	9.97	8.3	4.2	1.299	112.7
612	12/2/2008 19:31	11.84	49.285	32.13	9.98	8.3	3.6	1.227	113
613	12/2/2008 19:46	11.87	49.125	32.01	10.04	8.3	3.5	1.151	113.7
614	12/2/2008 20:01	11.93	49.024	31.94	10.13	8.31	3.1	1.094	114.7
615	12/2/2008 20:16	11.95	48.926	31.87	10.12	8.31	2.7	1.084	114.6
616	12/2/2008 20:31	11.95	49.001	31.93	10.07	8.31	2.4	1.062	114
617	12/2/2008 20:46	11.97	48.813	31.79	10.02	8.31	2.2	1.05	113.5
618	12/2/2008 21:01	11.96	49	31.93	10.18	8.32	2.4	1.074	115.3
619	12/2/2008 21:16	11.99	48.79	31.78	10.31	8.32	2.4	1.109	116.8
620	12/2/2008 21:31	11.97	49.195	32.07	10.28	8.32	2.6	1.158	116.6
621	12/2/2008 21:46	11.95	48.986	31.92	10.34	8.32	2.6	1.205	117.1
622	12/2/2008 22:01	11.95	49.036	31.95	10.35	8.32	2.7	1.268	117.3
623	12/2/2008 22:16	11.93	48.858	31.82	10.29	8.31	2.9	1.33	116.4
624	12/2/2008 22:31	11.91	48.871	31.83	10.13	8.29	3.1	1.385	114.6
625	12/2/2008 22:46	11.92	48.345	31.45	10.15	8.42	2.9	1.458	114.5
626	12/2/2008 23:01	11.9	48.778	31.76	10.03	8.28	3.2	1.535	113.3
627	12/2/2008 23:16	11.88	49.007	31.93	10.11	8.29	2.9	1.611	114.4
628	12/2/2008 23:31	11.91	49.174	32.05	10.13	8.29	2.9	1.682	114.7
629	12/2/2008 23:46	11.91	48.884	31.84	10.16	8.29	2.8	1.763	114.9
630	12/3/2008 0:01	11.9	49.164	32.04	10.16	8.29	2.8	1.844	115
631	12/3/2008 0:16	11.87	49.158	32.04	10.08	8.16	2.9	1.912	114.1
632	12/3/2008 0:31	11.86	49.257	32.11	10.04	8.28	2.8	1.995	113.7
633	12/3/2008 0:46	11.87	49.242	32.1	10.05	8.28	3	2.068	113.8
634	12/3/2008 1:01	11.85	49.355	32.18	10.03	8.28	3	2.151	113.6
635	12/3/2008 1:16	11.83	49.581	32.34	9.97	8.22	3.2	2.227	113
636	12/3/2008 1:31	11.81	49.522	32.3	9.96	8.27	3.2	2.29	112.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
637	12/3/2008 1:46	11.78	49.382	32.2	9.92	8.26	3.2	2.361	112.2
638	12/3/2008 2:01	11.76	48.991	31.91	9.9	8.39	3.2	2.429	111.7
639	12/3/2008 2:16	11.73	49.676	32.41	9.84	8.25	3.2	2.495	111.3
640	12/3/2008 2:31	11.67	49.482	32.26	9.77	8.24	3.4	2.546	110.2
641	12/3/2008 2:46	11.64	49.444	32.24	9.72	8.23	3.3	2.606	109.7
642	12/3/2008 3:01	11.6	49.663	32.39	9.66	8.23	3.6	2.664	109
643	12/3/2008 3:16	11.56	50.3	32.85	9.56	8.19	3.1	2.702	108
644	12/3/2008 3:31	11.53	49.838	32.51	9.51	8.17	3.3	2.743	107.2
645	12/3/2008 3:46	11.5	50.005	32.63	9.48	8.21	3.3	2.773	106.8
646	12/3/2008 4:01	11.49	49.806	32.49	9.41	8.21	3	2.794	106
647	12/3/2008 4:16	11.54	49.842	32.52	9.38	8.21	2	2.795	105.8
648	12/3/2008 4:31	11.49	49.943	32.59	9.33	8.2	2.7	2.797	105.1
649	12/3/2008 4:46	11.5	49.919	32.57	9.35	8.21	2.4	2.779	105.4
650	12/3/2008 5:01	11.53	49.679	32.4	9.4	8.21	2.4	2.747	105.9
651	12/3/2008 5:16	11.52	49.539	32.3	9.36	8.22	2.5	2.707	105.4
652	12/3/2008 5:31	11.58	49.27	32.11	9.39	8.23	2.6	2.667	105.7
653	12/3/2008 5:46	11.6	49.609	32.35	9.48	8.23	2.7	2.61	106.9
654	12/3/2008 6:01	11.62	49.523	32.29	9.47	8.23	2.7	2.557	106.7
655	12/3/2008 6:16	11.64	49.196	32.05	9.48	8.24	2.5	2.502	106.8
656	12/3/2008 6:31	11.65	49.68	32.41	9.49	8.18	2.6	2.453	107.1
657	12/3/2008 6:46	11.63	49.734	32.44	9.39	8.17	2.6	2.4	106
658	12/3/2008 7:01	11.63	49.601	32.35	9.39	8.18	2.6	2.352	106
659	12/3/2008 7:16	11.65	49.707	32.43	9.39	8.18	2.5	2.314	106.1
660	12/3/2008 7:31	11.65	49.47	32.25	9.37	8.18	2.3	2.267	105.7
661	12/3/2008 7:46	11.67	49.175	32.04	9.37	8.24	2.3	2.248	105.6
662	12/3/2008 8:01	11.7	49.334	32.16	9.37	8.19	2.4	2.21	105.7
663	12/3/2008 8:16	11.73	48.915	31.86	9.43	8.25	2.2	2.191	106.3
664	12/3/2008 8:31	11.73	49.346	32.17	9.33	8.18	2	2.193	105.3
665	12/3/2008 8:46	11.72	49.543	32.31	9.37	8.19	1.9	2.171	105.9
666	12/3/2008 9:01	11.71	49.28	32.12	9.4	8.19	2.4	2.168	106.1
667	12/3/2008 9:16	11.72	49.297	32.13	9.5	8.2	2	2.181	107.2
668	12/3/2008 9:31	11.73	49.19	32.06	9.58	8.26	2	2.196	108.2
669	12/3/2008 9:46	11.73	49.329	32.16	9.58	8.2	2	2.222	108.1
670	12/3/2008 10:01	11.74	49.242	32.09	9.63	8.25	2.1	2.242	108.7
671	12/3/2008 10:16	11.73	49.19	32.06	9.63	8.25	2.2	2.286	108.7
672	12/3/2008 10:31	11.72	49.46	32.25	9.61	8.24	2	2.328	108.5
673	12/3/2008 10:46	11.7	49.171	32.04	9.6	8.24	2.2	2.354	108.3
674	12/3/2008 11:01	11.7	49.282	32.12	9.59	8.24	2.3	2.39	108.2
675	12/3/2008 11:16	11.69	49.477	32.26	9.57	8.19	2.1	2.44	108
676	12/3/2008 11:31	11.66	49.443	32.24	9.54	8.23	2	2.481	107.6
677	12/3/2008 11:46	11.64	49.124	32	9.53	8.23	2	2.516	107.3
678	12/3/2008 12:01	11.6	49.685	32.41	9.48	8.17	2	2.57	106.9
679	12/3/2008 12:16	11.57	49.465	32.25	9.47	8.22	2	2.611	106.7
680	12/3/2008 12:31	11.55	49.627	32.36	9.45	8.21	2	2.648	106.4
681	12/3/2008 12:46	11.53	49.878	32.54	9.45	8.17	1.8	2.697	106.5
682	12/3/2008 13:01	11.53	50.43	32.95	9.42		1.9	2.733	106.4
683	12/3/2008 13:16	11.53	49.767	32.46	9.45	8.17	2	2.769	106.5
684	12/3/2008 13:31	11.54	49.617	32.36	9.45	8.21	1.8	2.815	106.5
685	12/3/2008 13:46	11.53	49.768	32.46	9.43	8.21	1.9	2.836	106.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
686	12/3/2008 14:01	11.54	50.063	32.68	9.42	8.16	1.8	2.865	106.3
687	12/3/2008 14:16	11.52	49.926	32.58	9.4	8.21	1.8	2.89	105.9
688	12/3/2008 14:31	11.54	49.809	32.49	9.33	8.21	1.5	2.875	105.2
689	12/3/2008 14:46	11.53	49.926	32.58	9.3	8.16	1.7	2.879	104.9
690	12/3/2008 15:01	11.51	50.051	32.67	9.26	8.15	1.4	2.861	104.4
691	12/3/2008 15:16	11.51	49.649	32.38	9.29	8.2	1.6	2.838	104.5
692	12/3/2008 15:31	11.66	49.71	32.43	9.64	8.24	1.6	2.806	108.9
693	12/3/2008 15:46	11.64	49.806	32.5	9.93	8.19	1.8	2.737	112.1
694	12/3/2008 16:01	11.63	49.932	32.59	9.7	8.18	1.9	2.696	109.6
695	12/3/2008 16:16	11.64	49.645	32.38	9.72	8.19	1.9	2.623	109.7
696	12/3/2008 16:31	11.71	49.676	32.41	9.76	8.2	2	2.559	110.3
697	12/3/2008 16:46	11.7	49.62	32.37	9.73	8.19	2	2.486	110
698	12/3/2008 17:01	11.74	49.531	32.3	9.77	8.2	2.1	2.409	110.5
699	12/3/2008 17:16	11.78	49.428	32.23	9.91	8.21	2.1	2.329	112
700	12/3/2008 17:31	11.81	49.475	32.27	9.91	8.22	2.2	2.255	112.2
701	12/3/2008 17:46	11.81	49.402	32.21	9.92	8.22	2.3	2.148	112.2
702	12/3/2008 18:01	11.8	49.513	32.29	9.84	8.22	2.4	2.068	111.4
703	12/3/2008 18:16	11.72	49.171	32.04	9.64	8.2	2.2	1.97	108.7
704	12/3/2008 18:31	11.72	49.149	32.03	9.59	8.26	2.9	1.885	108.2
705	12/3/2008 18:46	11.76	49.431	32.23	9.62	8.21	3.1	1.776	108.7
706	12/3/2008 19:01	11.72	49.333	32.16	9.55	8.2	2.9	1.675	107.8
707	12/3/2008 19:16	11.73	49.26	32.11	9.53	8.26	2.9	1.591	107.6
708	12/3/2008 19:31	11.76	49.368	32.19	9.56	8.21	2.9	1.511	108
709	12/3/2008 19:46	11.74	49.25	32.1	9.51	8.2	2.8	1.423	107.3
710	12/3/2008 20:01	11.77	49.156	32.03	9.52	8.26	2.8	1.33	107.6
711	12/3/2008 20:16	11.79	49.055	31.96	9.55	8.26	3	1.286	107.9
712	12/3/2008 20:31	11.81	49.724	32.45	9.53		2.5	1.231	108
713	12/3/2008 20:46	11.82	48.503	31.56	9.59	8.14	2.6	1.185	108.1
714	12/3/2008 21:01	11.83	48.599	31.63	9.57	8.39	2.6	1.147	108
715	12/3/2008 21:16	11.85	49.576	32.34	9.48	8.23	1.3	1.157	107.4
716	12/3/2008 21:31	11.83	48.836	31.8	9.58	8.22	2.3	1.148	108.2
717	12/3/2008 21:46	11.83	49.082	31.98	9.68	8.28	1.8	1.151	109.4
718	12/3/2008 22:01	11.83	49.042	31.95	9.73	8.22	2	1.208	110
719	12/3/2008 22:16	11.78	48.795	31.77	9.72	8.27	2	1.235	109.6
720	12/3/2008 22:31	11.79	48.906	31.85	9.73	8.27	2.1	1.268	109.8
721	12/3/2008 22:46	11.79	49.105	32	9.72	8.27	2.3	1.319	109.8
722	12/3/2008 23:01	11.74	48.816	31.78	9.62	8.2	2.9	1.395	108.4
723	12/3/2008 23:16	11.75	48.85	31.81	9.59	8.25	2.9	1.45	108.1
724	12/3/2008 23:31	11.75	48.843	31.8	9.58	8.25	2.6	1.505	108
725	12/3/2008 23:46	11.74	48.811	31.78	9.56	8.24	3.2	1.594	107.7
726	12/4/2008 0:01	11.74	48.686	31.69	9.6	8.25	3.1	1.669	108.1
727	12/4/2008 0:16	11.78	49.051	31.96	9.67	8.26	2.7	1.734	109.2
728	12/4/2008 0:31	11.78	49.1	31.99	9.69	8.26	2.4	1.805	109.4
729	12/4/2008 0:46	11.76	49.048	31.95	9.7	8.26	2.6	1.888	109.5
730	12/4/2008 1:01	11.77	49.233	32.09	9.69	8.21	2.4	1.954	109.5
731	12/4/2008 1:16	11.76	48.955	31.89	9.7	8.26	2.4	2.03	109.4
732	12/4/2008 1:31	11.75	49.413	32.22	9.68	8.26	2.6	2.101	109.4
733	12/4/2008 1:46	11.74	49.537	32.31	9.66	8.21	2.7	2.17	109.2
734	12/4/2008 2:01	11.72	49.466	32.26	9.65	8.25	2.6	2.25	109

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
735	12/4/2008 2:16	11.7	49.374	32.19	9.64	8.25	2.7	2.31	108.8
736	12/4/2008 2:31	11.68	49.611	32.36	9.59	8.25	2.7	2.363	108.3
737	12/4/2008 2:46	11.65	49.299	32.13	9.58	8.24	2.9	2.422	108
738	12/4/2008 3:01	11.63	49.686	32.41	9.52	8.18	2.8	2.507	107.4
739	12/4/2008 3:16	11.57	49.35	32.16	9.47	8.17	3.2	2.59	106.5
740	12/4/2008 3:31	11.55	49.74	32.44	9.41	8.17	3.4	2.594	106.1
741	12/4/2008 3:46	11.53	49.688	32.41	9.38	8.22	2.8	2.669	105.6
742	12/4/2008 4:01	11.49	49.585	32.33	9.34	8.22	2.9	2.72	105
743	12/4/2008 4:16	11.47	49.9	32.56	9.27	8.16	2.9	2.772	104.3
744	12/4/2008 4:31	11.45	49.612	32.35	9.22	8.16	2.5	2.812	103.6
745	12/4/2008 4:46	11.45	49.934	32.58	9.19	8.16	2.6	2.83	103.4
746	12/4/2008 5:01	11.46	49.415	32.2	9.11	8.15	2	2.821	102.3
747	12/4/2008 5:16	11.45	49.864	32.53	9.08	8.15	2.9	2.82	102.2
748	12/4/2008 5:31	11.45	49.86	32.53	9.11	8.15	2.6	2.813	102.5
749	12/4/2008 5:46	11.46	49.615	32.35	9.13	8.21	2.3	2.755	102.6
750	12/4/2008 6:01	11.43	49.609	32.34	9.12	8.16	2.6	2.701	102.5
751	12/4/2008 6:16	11.41	49.659	32.38	9.1	8.16	2.4	2.67	102.2
752	12/4/2008 6:31	11.42	49.599	32.34	9.11	8.16	2.4	2.596	102.3
753	12/4/2008 6:46	11.43	49.714	32.42	9.16	8.16	2.6	2.559	102.9
754	12/4/2008 7:01	11.43	49.712	32.42	9.16	8.16	4.2	2.507	103
755	12/4/2008 7:16	11.45	49.739	32.44	9.16	8.16	2.6	2.449	103
756	12/4/2008 7:31	11.41	49.596	32.33	9.16	8.16	2.3	2.382	102.8
757	12/4/2008 7:46	11.41	49.572	32.32	9.13	8.16	2.1	2.352	102.5
758	12/4/2008 8:01	11.44	50.061	32.67	9.11		2.1	2.287	102.5
759	12/4/2008 8:16	11.43	49.539	32.29	9.11	8.19	2.2	2.263	102.3
760	12/4/2008 8:31	11.43	49.325	32.14	9.12	8.17	2.4	2.228	102.3
761	12/4/2008 8:46	11.44	49.522	32.28	9.11	8.18	2	2.17	102.3
762	12/4/2008 9:01	11.45	49.444	32.23	9.17	8.18	2	2.178	103
763	12/4/2008 9:16	11.46	48.864	31.81	9.25	8.11	2	2.124	103.6
764	12/4/2008 9:31	11.48	49.365	32.17	9.26	8.24	2	2.09	104
765	12/4/2008 9:46	11.49	49.261	32.09	9.27	8.19	1.6	2.116	104.1
766	12/4/2008 10:01	11.53	49.863	32.53	9.21		1.1	2.094	103.8
767	12/4/2008 10:16	11.55	49.302	32.13	9.28	8.19	1.6	2.085	104.4
768	12/4/2008 10:31	11.55	49.205	32.06	9.37	8.19	1.8	2.087	105.3
769	12/4/2008 10:46	11.57	49.461	32.24	9.35	8.19	1.8	2.101	105.3
770	12/4/2008 11:01	11.59	49.368	32.18	9.36	8.19	1.9	2.133	105.4
771	12/4/2008 11:16	11.61	49.341	32.16	9.37	8.19	1.8	2.165	105.6
772	12/4/2008 11:31	11.59	49.47	32.25	9.33	8.19	1.9	2.193	105.1
773	12/4/2008 11:46	11.6	49.454	32.24	9.37	8.19	2	2.231	105.5
774	12/4/2008 12:01	11.62	49.418	32.21	9.3	8.18	2	2.274	104.8
775	12/4/2008 12:16	11.61	49.035	31.94	9.38	8.23	2	2.317	105.5
776	12/4/2008 12:31	11.62	49.446	32.24	9.35	8.19	1.9	2.344	105.4
777	12/4/2008 12:46	11.59	49.426	32.22	9.35	8.18	1.8	2.404	105.3
778	12/4/2008 13:01	11.57	49.631	32.37	9.31	8.18	1.9	2.442	104.9
779	12/4/2008 13:16	11.57	49.852	32.53	9.29	8.18	2	2.498	104.8
780	12/4/2008 13:31	11.55	49.631	32.37	9.3	8.17	1.9	2.512	104.7
781	12/4/2008 13:46	11.55	49.769	32.47	9.31	8.17	1.8	2.558	104.9
782	12/4/2008 14:01	11.55	49.841	32.52	9.33	8.17	1.6	2.592	105.2
783	12/4/2008 14:16	11.55	49.825	32.51	9.32	8.17	1.6	2.643	105.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
784	12/4/2008 14:31	11.55	49.931	32.58	9.32	8.17	1.6	2.671	105.1
785	12/4/2008 14:46	11.56	49.793	32.48	9.32	8.17	1.6	2.677	105
786	12/4/2008 15:01	11.56	49.684	32.41	9.31	8.17	1.6	2.71	104.9
787	12/4/2008 15:16	11.59	49.852	32.53	9.18	8.18	1.1	2.726	103.6
788	12/4/2008 15:31	11.59	49.82	32.51	9.21	8.17	1.3	2.74	103.9
789	12/4/2008 15:46	11.56	49.807	32.49	9.19	8.16	1.3	2.742	103.6
790	12/4/2008 16:01	11.56	49.804	32.49	9.18	8.17	1.3	2.716	103.6
791	12/4/2008 16:16	11.57	49.765	32.46	9.16	8.16	1.4	2.71	103.3
792	12/4/2008 16:31	11.59	49.803	32.49	9.19	8.17	1.3	2.649	103.7
793	12/4/2008 16:46	11.65	49.963	32.61	9.27	8.18	1.5	2.613	104.8
794	12/4/2008 17:01	11.86	49.685	32.42	9.81	8.22	1.6	2.545	111.3
795	12/4/2008 17:16	11.8	49.746	32.46	9.86	8.21	2	2.489	111.8
796	12/4/2008 17:31	11.83	49.561	32.33	9.79	8.22	1.9	2.446	110.9
797	12/4/2008 17:46	11.8	49.472	32.26	9.75	8.22	1.9	2.387	110.4
798	12/4/2008 18:01	11.72	49.438	32.23	9.65	8.21	1.9	2.313	109
799	12/4/2008 18:16	11.75	49.519	32.29	9.82	8.22	2.3	2.247	111
800	12/4/2008 18:31	11.62	49.564	32.32	9.63	8.21	2.2	2.16	108.6
801	12/4/2008 18:46	11.71	48.995	31.91	9.98	8.17	2.3	2.096	112.5
802	12/4/2008 19:01	11.68	48.931	31.87	9.99	8.17	2.1	2.02	112.5
803	12/4/2008 19:16	11.59	49.634	32.37	9.72	8.23	2.3	1.913	109.6
804	12/4/2008 19:31	11.52	49.59	32.34	9.56	8.23	2.6	1.824	107.6
805	12/4/2008 19:46	11.55	49.355	32.17	9.61	8.22	3.2	1.772	108.2
806	12/4/2008 20:01	11.55	49.356	32.17	9.63	8.23	2.7	1.7	108.3
807	12/4/2008 20:16	11.54	49.288	32.12	9.66	8.23	2.8	1.606	108.6
808	12/4/2008 20:31	11.52	49.238	32.08	9.64	8.23	2.5	1.52	108.3
809	12/4/2008 20:46	11.52	49.187	32.04	9.66	8.23	2.6	1.475	108.5
810	12/4/2008 21:01	11.52	49.122	32	9.72	8.24	2.6	1.392	109.2
811	12/4/2008 21:16	11.54	49.122	32	9.84	8.25	2.6	1.348	110.6
812	12/4/2008 21:31	11.57	49.307	32.13	9.99	8.27	2.3	1.291	112.4
813	12/4/2008 21:46	11.56	49.026	31.93	10.02	8.26	2.3	1.278	112.5
814	12/4/2008 22:01	11.57	48.974	31.89	9.94	8.26	1.2	1.28	111.7
815	12/4/2008 22:16	11.52	48.936	31.86	9.98	8.26	1.5	1.255	112
816	12/4/2008 22:31	11.57	49.341	32.16	10.1	8.27	2.2	1.293	113.7
817	12/4/2008 22:46	11.52	49.173	32.03	10.06	8.26	2.1	1.316	113
818	12/4/2008 23:01	11.51	49.641	32.37	10	8.26	2.2	1.353	112.5
819	12/4/2008 23:16	11.61	49.601	32.35	10.15	8.27	2	1.392	114.5
820	12/4/2008 23:31	11.6	49.604	32.35	10.12	8.27	2	1.448	114.1
821	12/4/2008 23:46	11.56	49.442	32.23	10	8.26	2.5	1.525	112.6
822	12/5/2008 0:01	11.57	49.442	32.23	9.95	8.25	2.6	1.574	112.1
823	12/5/2008 0:16	11.54	49.317	32.14	9.93	8.25	2.6	1.646	111.6
824	12/5/2008 0:31	11.56	49.382	32.19	9.92	8.25	2.6	1.698	111.6
825	12/5/2008 0:46	11.6	49.512	32.28	9.93	8.25	3.8	1.768	111.9
826	12/5/2008 1:01	11.64	49.644	32.38	9.9	8.25	2.2	1.85	111.7
827	12/5/2008 1:16	11.64	49.654	32.39	9.85	8.25	2.2	1.896	111.1
828	12/5/2008 1:31	11.64	49.771	32.47	9.79	8.24	2.2	1.965	110.6
829	12/5/2008 1:46	11.61	49.758	32.46	9.67	8.23	2.2	2.052	109.1
830	12/5/2008 2:01	11.59	49.875	32.54	9.58	8.22	2.3	2.111	108.1
831	12/5/2008 2:16	11.58	48.737	31.72	9.6	8.38	2.6	2.186	107.8
832	12/5/2008 2:31	11.57	49.531	32.29	9.54	8.21	2.4	2.256	107.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
833	12/5/2008 2:46	11.55	49.445	32.23	9.51	8.21	2.6	2.333	107
834	12/5/2008 3:01	11.53	49.474	32.25	9.47	8.2	2.9	2.403	106.5
835	12/5/2008 3:16	11.51	49.649	32.38	9.42	8.2	3.1	2.478	106
836	12/5/2008 3:31	11.51	49.588	32.33	9.38	8.19	3	2.544	105.6
837	12/5/2008 3:46	11.48	49.388	32.19	9.35	8.19	3.4	2.612	105.1
838	12/5/2008 4:01	11.39	49.566	32.31	9.28	8.18	3.6	2.668	104.2
839	12/5/2008 4:16	11.35	49.629	32.35	9.23	8.17	3.6	2.726	103.6
840	12/5/2008 4:31	11.34	49.775	32.46	9.2	8.22	3.7	2.79	103.2
841	12/5/2008 4:46	11.28	49.758	32.44	9.16	8.17	3.2	2.836	102.7
842	12/5/2008 5:01	11.25	49.963	32.59	9.11	8.16	3	2.872	102.1
843	12/5/2008 5:16	11.23	50.055	32.66	9.08	8.16	2.9	2.909	101.7
844	12/5/2008 5:31	11.22	50.064	32.66	8.99	8.17	2.3	2.92	100.8
845	12/5/2008 5:46	11.22	50.384	32.9	8.95	8.16	3.6	2.914	100.5
846	12/5/2008 6:01	11.23	50.46	32.95	8.95	8.16	2.4	2.909	100.5
847	12/5/2008 6:16	11.06	50.229	32.77	8.95	8.16	2.2	2.879	100
848	12/5/2008 6:31	11.08	50.254	32.79	8.99	8.1	2.4	2.828	100.5
849	12/5/2008 6:46	11.09	49.313	32.11	9.07	8.18	2.4	2.792	101
850	12/5/2008 7:01	10.92	49.612	32.32	9.01	8.18	2.4	2.729	100.2
851	12/5/2008 7:16	10.94	49.296	32.09	9.09	8.18	2.7	2.67	100.9
852	12/5/2008 7:31	11.08	49.56	32.29	9.08	8.18	2.4	2.62	101.2
853	12/5/2008 7:46	11.08	49.515	32.26	9.09	8.18	2.2	2.547	101.3
854	12/5/2008 8:01	11.03	49.666	32.36	9.07	8.18	2.1	2.483	101
855	12/5/2008 8:16	10.97	49.67	32.36	9.08	8.19	1.9	2.431	101
856	12/5/2008 8:31	10.92	49.588	32.3	9.11	8.2	1.9	2.385	101.2
857	12/5/2008 8:46	10.88	49.513	32.24	9.12	8.2	2	2.32	101.2
858	12/5/2008 9:01	10.86	49.445	32.19	9.18	8.21	1.9	2.273	101.8
859	12/5/2008 9:16	10.85	49.515	32.24	9.21	8.21	2	2.232	102.2
860	12/5/2008 9:31	10.92	49.414	32.17	9.28	8.22	1.7	2.177	103
861	12/5/2008 9:46	11.01	49.42	32.18	9.36	8.22	1.8	2.136	104.1
862	12/5/2008 10:01	11.1	49.329	32.12	9.47	8.23	1.8	2.102	105.5
863	12/5/2008 10:16	11.17	48.875	31.8	9.55	8.23	1.8	2.053	106.3
864	12/5/2008 10:31	11.22	49.46	32.22	9.52	8.23	1.8	2.033	106.4
865	12/5/2008 10:46	11.24	49.268	32.09	9.58	8.24	1.6	2	107
866	12/5/2008 11:01	11.26	49.32	32.13	9.58	8.24	1.6	1.991	107.1
867	12/5/2008 11:16	11.3	49.467	32.23	9.39	8.23	1	1.992	105.1
868	12/5/2008 11:31	11.32	49.604	32.33	9.52	8.23	1.5	1.98	106.7
869	12/5/2008 11:46	11.32	49.365	32.16	9.57	8.24	1.6	1.983	107.1
870	12/5/2008 12:01	11.35	49.247	32.08	9.54	8.23	1.5	2.01	106.9
871	12/5/2008 12:16	11.37	49.305	32.12	9.5	8.22	1.5	2.026	106.4
872	12/5/2008 12:31	11.39	49.424	32.21	9.5	8.22	1.6	2.049	106.6
873	12/5/2008 12:46	11.35	49.301	32.12	9.48	8.22	1.5	2.083	106.2
874	12/5/2008 13:01	11.34	49.261	32.09	9.44	8.22	1.6	2.125	105.6
875	12/5/2008 13:16	11.39	49.341	32.15	9.38	8.22	1.9	2.157	105.2
876	12/5/2008 13:31	11.35	49.438	32.22	9.31	8.21	1.8	2.201	104.4
877	12/5/2008 13:46	11.36	49.359	32.16	9.29	8.21	1.7	2.245	104.1
878	12/5/2008 14:01	11.36	49.365	32.16	9.31	8.21	1.6	2.276	104.4
879	12/5/2008 14:16	11.35	49.369	32.17	9.33	8.21	1.5	2.329	104.6
880	12/5/2008 14:31	11.33	49.57	32.31	9.31	8.21	1.6	2.359	104.3
881	12/5/2008 14:46	11.31	49.58	32.32	9.28	8.2	1.7	2.402	103.9

sonde #1			Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
882	12/5/2008 15:01	11.3	49.601	32.33	9.25	8.2	1.8	2.439	103.7
883	12/5/2008 15:16	11.32	49.57	32.31	9.23	8.2	1.5	2.467	103.4
884	12/5/2008 15:31	11.35	49.336	32.14	9.23	8.2	1.5	2.506	103.4
885	12/5/2008 15:46	11.37	49.445	32.22	9.24	8.19	1.4	2.526	103.6
886	12/5/2008 16:01	11.37	49.602	32.34	9.23	8.19	1.4	2.547	103.5
887	12/5/2008 16:16	11.37	49.841	32.51	9.2	8.19	1.3	2.569	103.3
888	12/5/2008 16:31	11.37	49.815	32.49	9.13	8.19	1.7	2.58	102.5
889	12/5/2008 16:46	11.38	49.743	32.44	9.08	8.19	1.3	2.577	101.9
890	12/5/2008 17:01	11.38	49.464	32.24	9.09	8.19	1.3	2.581	102
891	12/5/2008 17:16	11.38	49.489	32.25	9.12	8.19	1.3	2.565	102.3
892	12/5/2008 17:31	11.38	49.722	32.42	9.11	8.19	1.4	2.538	102.3
893	12/5/2008 17:46	11.38	49.646	32.37	9.17	8.19	1.6	2.505	102.9
894	12/5/2008 18:01	11.41	49.582	32.32	9.22	8.2	1.6	2.467	103.6
895	12/5/2008 18:16	11.47	49.344	32.15	9.4	8.22	1.6	2.415	105.6
896	12/5/2008 18:31	11.61	49.667	32.39	9.67	8.24	1.8	2.361	109.1
897	12/5/2008 18:46	11.65	49.455	32.24	9.76	8.25	2	2.296	110.1
898	12/5/2008 19:01	11.58	49.449	32.24	9.77	8.25	2	2.224	110
899	12/5/2008 19:16	11.48	49.496	32.26	9.61	8.24	2.1	2.168	108
900	12/5/2008 19:31	11.5	48.807	31.77	9.79	8.29	2.2	2.096	109.7
901	12/5/2008 19:46	11.49	49.326	32.14	9.91	8.26	2	2.024	111.3
902	12/5/2008 20:01	11.41	49.376	32.17	9.85	8.26	2.3	1.96	110.5
903	12/5/2008 20:16	11.39	49.377	32.17	9.75	8.26	2.3	1.887	109.4
904	12/5/2008 20:31	11.3	49.536	32.28	9.59	8.25	2.1	1.806	107.4
905	12/5/2008 20:46	11.28	49.465	32.23	9.63	8.25	2.3	1.746	107.8
906	12/5/2008 21:01	11.24	49.408	32.19	9.67	8.26	2.4	1.675	108.1
907	12/5/2008 21:16	11.23	49.228	32.06	9.77	8.27	2.2	1.605	109.1
908	12/5/2008 21:31	11.2	49.289	32.1	9.77	8.27	2.2	1.564	109
909	12/5/2008 21:46	11.19	49.408	32.19	9.84	8.28	2.1	1.522	109.8
910	12/5/2008 22:01	11.2	49.115	31.97	9.93	8.28	2.2	1.464	110.8
911	12/5/2008 22:16	11.21	49.302	32.11	10.08	8.3	1.9	1.449	112.6
912	12/5/2008 22:31	11.18	49.17	32.01	10.24	8.31	1	1.446	114.2
913	12/5/2008 22:46	11.16	49.152	32	10.12	8.31	1.2	1.421	112.7
914	12/5/2008 23:01	11.15	49.219	32.05	10.33	8.32	1.6	1.439	115.1
915	12/5/2008 23:16	11.19	48.578	31.58	10.43	8.34	1.6	1.45	116
916	12/5/2008 23:31	11.19	49.109	31.97	10.37	8.31	1.6	1.468	115.6
917	12/5/2008 23:46	11.22	49.251	32.07	10.29	8.3	1.7	1.499	114.9
918	12/6/2008 0:01	11.21	49.247	32.07	10.27	8.3	1.9	1.536	114.6
919	12/6/2008 0:16	11.22	49.236	32.06	10.23	8.3	1.8	1.584	114.2
920	12/6/2008 0:31	11.22	49.266	32.08	10.16	8.29	2	1.639	113.5
921	12/6/2008 0:46	11.05	49.364	32.15	9.9	8.27	2.4	1.696	110.1
922	12/6/2008 1:01	11.02	48.814	31.75	9.86	8.26	2.4	1.757	109.4
923	12/6/2008 1:16	11	49.002	31.88	9.83	8.26	2.6	1.822	109.1
924	12/6/2008 1:31	11.06	49.18	32.01	9.76	8.25	2.3	1.88	108.6
925	12/6/2008 1:46	11.16	49.25	32.07	9.77	8.26	2.1	1.957	108.9
926	12/6/2008 2:01	11.25	49.101	31.97	9.73	8.25	2.1	2.025	108.6
927	12/6/2008 2:16	11.25	48.8	31.75	9.62	8.24	2.1	2.095	107.3
928	12/6/2008 2:31	11.24	49.544	32.29	9.46	8.23	2	2.167	105.8
929	12/6/2008 2:46	11.25	49.382	32.17	9.39	8.22	2.1	2.24	104.9
930	12/6/2008 3:01	11.25	49.279	32.1	9.36	8.22	2.4	2.312	104.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
931	12/6/2008 3:16	11.24	49.269	32.09	9.37	8.22	2.4	2.378	104.7
932	12/6/2008 3:31	11.24	49.66	32.37	9.33	8.21	2.7	2.448	104.4
933	12/6/2008 3:46	11.22	49.419	32.2	9.3	8.2	2.7	2.512	103.9
934	12/6/2008 4:01	11.21	49.032	31.91	9.25	8.22	2.9	2.592	103.2
935	12/6/2008 4:16	11.23	49.779	32.46	9.19	8.19	2.9	2.648	102.8
936	12/6/2008 4:31	11.19	49.867	32.52	9.15	8.19	3.2	2.727	102.4
937	12/6/2008 4:46	11.13	49.825	32.48	9.09	8.18	3.8	2.795	101.5
938	12/6/2008 5:01	11.11	49.893	32.53	9.06	8.18	3.8	2.85	101.3
939	12/6/2008 5:16	11.08	50.018	32.62	9.04	8.17	3.7	2.911	101
940	12/6/2008 5:31	11.05	47.809	31.02	9.1	8.17	3.2	2.958	100.5
941	12/6/2008 5:46	11.02	45.696	29.5	9.17	8.17	3.1	3.002	100.3
942	12/6/2008 6:01	10.94	45.943	29.68	9.18	8.17	3.1	3.033	100.3
943	12/6/2008 6:16	10.98	45.364	29.27	9.14	8.17	2.8	3.042	99.7
944	12/6/2008 6:31	10.97	46.082	29.78	9.09	8.16	2.4	3.037	99.5
945	12/6/2008 6:46	10.96	45.545	29.39	9.08	8.16	2.7	3.024	99.2
946	12/6/2008 7:01	10.91	45.353	29.25	9.07	8.17	53	2.984	98.8
947	12/6/2008 7:16	10.86	45.411	29.29	9.06	8.17	2.7	2.942	98.6
948	12/6/2008 7:31	10.82	45.791	29.56	9.11	8.18	2.3	2.876	99.3
949	12/6/2008 7:46	10.68	46.23	29.87	9.08	8.18	2.4	2.819	98.8
950	12/6/2008 8:01	10.77	45.639	29.45	9.13	8.18	2.3	2.745	99.2
951	12/6/2008 8:16	10.87	45.254	29.18	9.15	8.19	2.2	2.68	99.6
952	12/6/2008 8:31	10.83	46.663	30.19	9.11	8.18	2	2.607	99.7
953	12/6/2008 8:46	10.78	46.62	30.15	9.18	8.2	2.2	2.537	100.3
954	12/6/2008 9:01	10.68	45.474	29.33	9.26	8.2	2	2.479	100.4
955	12/6/2008 9:16	10.61	45.244	29.16	9.34	8.21	2	2.407	101.1
956	12/6/2008 9:31	10.56	44.87	28.89	9.4	8.22	1.9	2.353	101.4
957	12/6/2008 9:46	10.53	44.74	28.8	9.49	8.24	1.9	2.278	102.3
958	12/6/2008 10:01	10.51	44.882	28.9	9.6	8.25	2.1	2.214	103.4
959	12/6/2008 10:16	10.59	44.861	28.89	9.71	8.24	1.7	2.162	104.8
960	12/6/2008 10:31	10.78	45.078	29.05	9.77	8.25	1.6	2.093	106
961	12/6/2008 10:46	10.92	44.936	28.96	9.89	8.25	1.6	2.028	107.5
962	12/6/2008 11:01	11.04	45.113	29.09	9.94	8.25	1.6	1.977	108.5
963	12/6/2008 11:16	11.1	45.074	29.06	10.07	8.26	1.6	1.926	110
964	12/6/2008 11:31	11.13	45.131	29.11	10.09	8.26	1.4	1.877	110.3
965	12/6/2008 11:46	11.18	45.137	29.11	10.2	8.27	1.4	1.829	111.6
966	12/6/2008 12:01	11.22	45.014	29.03	10.23	8.28	1.4	1.815	112.1
967	12/6/2008 12:16	11.21	45.115	29.1	10.21	8.28	1.1	1.794	111.8
968	12/6/2008 12:31	11.25	44.72	28.82	10.24	8.27	1.7	1.789	112
969	12/6/2008 12:46	11.15	44.879	28.93	10.11	8.27	1.5	1.797	110.5
970	12/6/2008 13:01	11.11	46.13	29.82	9.96	8.26	1.3	1.811	109.3
971	12/6/2008 13:16	11.09	44.385	28.57	9.95	8.26	1.6	1.847	108.3
972	12/6/2008 13:31	11.07	44.405	28.58	9.85	8.25	1.5	1.872	107.2
973	12/6/2008 13:46	11.03	44.292	28.5	9.77	8.24	1.5	1.916	106.2
974	12/6/2008 14:01	11.05	44.399	28.58	9.78	8.25	1.5	1.971	106.4
975	12/6/2008 14:16	11.02	44.492	28.64	9.71	8.24	1.8	2.011	105.6
976	12/6/2008 14:31	11.02	44.196	28.43	9.7	8.24	2	2.049	105.3
977	12/6/2008 14:46	10.99	44.399	28.58	9.59	8.23	1.6	2.09	104.2
978	12/6/2008 15:01	11.03	44.104	28.37	9.62	8.23	1.5	2.145	104.4
979	12/6/2008 15:16	11.04	44.349	28.54	9.59	8.24	1.5	2.182	104.3

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
980	12/6/2008 15:31	11	44.4	28.58	9.51	8.22	1.5	2.218	103.3
981	12/6/2008 15:46	10.98	44.354	28.54	9.42	8.21	1.6	2.266	102.4
982	12/6/2008 16:01	10.98	44.055	28.33	9.41	8.21	1.7	2.309	102.1
983	12/6/2008 16:16	11.03	44.846	28.9	9.4	8.22	1.6	2.34	102.5
984	12/6/2008 16:31	11.06	44.549	28.69	9.39	8.2	1.8	2.367	102.3
985	12/6/2008 16:46	11.08	44.941	28.97	9.36	8.2	1.6	2.411	102.2
986	12/6/2008 17:01	11.08	44.72	28.81	9.36	8.2	1.5	2.448	102.1
987	12/6/2008 17:16	11.09	44.843	28.9	9.36	8.2	1.5	2.458	102.1
988	12/6/2008 17:31	11.09	44.632	28.75	9.33	8.2	1.6	2.494	101.7
989	12/6/2008 17:46	11.09	45.003	29.01	9.33	8.2	1.5	2.515	101.8
990	12/6/2008 18:01	11.09	44.931	28.96	9.24	8.2	1.6	2.531	100.9
991	12/6/2008 18:16	11.09	44.575	28.71	9.16	8.2	1.3	2.524	99.9
992	12/6/2008 18:31	11.09	45.205	29.16	9.22	8.2	1.5	2.528	100.8
993	12/6/2008 18:46	11.08	45.171	29.13	9.23	8.2	1.3	2.509	100.9
994	12/6/2008 19:01	11.09	44.887	28.93	9.26	8.2	1.3	2.475	101.1
995	12/6/2008 19:16	11.08	44.63	28.75	9.28	8.2	1.6	2.426	101.2
996	12/6/2008 19:31	11.07	44.737	28.82	9.35	8.21	1.8	2.385	101.9
997	12/6/2008 19:46	11.22	44.628	28.75	9.67	8.24	1.9	2.329	105.7
998	12/6/2008 20:01	11.27	44.382	28.58	9.71	8.24	2.1	2.274	106.1
999	12/6/2008 20:16	11.32	44.456	28.63	9.63	8.24	2.1	2.201	105.4
1000	12/6/2008 20:31	11.26	44.491	28.65	9.55	8.24	2.1	2.143	104.4
1001	12/6/2008 20:46	11.24	44.432	28.61	9.37	8.23	2	2.079	102.4
1002	12/6/2008 21:01	11.32	44.501	28.67	9.62	8.25	2.3	2.022	105.4
1003	12/6/2008 21:16	11.38	44.447	28.63	9.73	8.27	2.1	1.959	106.7
1004	12/6/2008 21:31	11.25	44.495	28.66	9.75	8.26	2.1	1.911	106.6
1005	12/6/2008 21:46	11.21	44.509	28.67	9.74	8.25	2	1.856	106.4
1006	12/6/2008 22:01	11.2	44.554	28.7	9.73	8.25	2	1.808	106.2
1007	12/6/2008 22:16	11.16	44.501	28.66	9.67	8.25	2	1.753	105.5
1008	12/6/2008 22:31	11.1	44.344	28.54	9.55	8.25	2.2	1.708	104
1009	12/6/2008 22:46	11.08	44.539	28.68	9.57	8.25	2.2	1.672	104.3
1010	12/6/2008 23:01	11.1	44.368	28.56	9.65	8.26	1.9	1.63	105.1
1011	12/6/2008 23:16	11.08	44.46	28.62	9.78	8.27	2.1	1.604	106.5
1012	12/6/2008 23:31	11.07	44.39	28.57	9.91	8.29	1.9	1.582	107.8
1013	12/6/2008 23:46	11.05	44.408	28.59	10.14	8.3	1.6	1.592	110.4
1014	12/7/2008 0:01	11.06	44.497	28.65	10.1	8.3	1.8	1.588	110
1015	12/7/2008 0:16	11.06	44.589	28.72	10.11	8.3	1.8	1.607	110.1
1016	12/7/2008 0:31	11.05	44.208	28.44	10.13	8.29	1.6	1.64	110.2
1017	12/7/2008 0:46	11.04	44.476	28.63	10.09	8.29	1.6	1.692	109.8
1018	12/7/2008 1:01	11.03	44.334	28.53	10.04	8.28	1.6	1.736	109.2
1019	12/7/2008 1:16	11.08	44.304	28.51	9.92	8.27	1.9	1.776	108
1020	12/7/2008 1:31	10.84	44.161	28.4	9.71	8.25	2.3	1.845	105.1
1021	12/7/2008 1:46	10.79	44.273	28.48	9.66	8.25	2.5	1.908	104.5
1022	12/7/2008 2:01	10.79	44.122	28.37	9.64	8.24	2.4	1.971	104.1
1023	12/7/2008 2:16	10.98	44.312	28.51	9.66	8.24	2.4	2.036	104.9
1024	12/7/2008 2:31	11.02	44.535	28.68	9.64	8.24	2.1	2.102	104.9
1025	12/7/2008 2:46	11.03	44.363	28.55	9.59	8.23	2.1	2.176	104.3
1026	12/7/2008 3:01	11.03	44.671	28.77	9.48	8.22	2.5	2.239	103.2
1027	12/7/2008 3:16	11.05	44.711	28.8	9.4	8.22	2.2	2.309	102.4
1028	12/7/2008 3:31	11.06	44.728	28.81	9.36	8.21	2.3	2.379	102

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1029	12/7/2008 3:46	11.05	44.811	28.87	9.33	8.21	2.6	2.45	101.7
1030	12/7/2008 4:01	11.05	45.082	29.07	9.28	8.2	3	2.522	101.3
1031	12/7/2008 4:16	11.05	44.945	28.97	9.25	8.19	3.2	2.589	100.9
1032	12/7/2008 4:31	11.05	44.908	28.94	9.21	8.19	3.2	2.671	100.5
1033	12/7/2008 4:46	11.05	45.165	29.13	9.19	8.19	3.7	2.737	100.3
1034	12/7/2008 5:01	11.04	45.297	29.22	9.17	8.18	3.9	2.824	100.2
1035	12/7/2008 5:16	11.02	45.181	29.14	9.16	8.18	4.4	2.892	100
1036	12/7/2008 5:31	11.01	45.157	29.12	9.16	8.17	4.2	2.962	99.9
1037	12/7/2008 5:46	11	45.258	29.19	9.16	8.17	4.2	3.031	99.9
1038	12/7/2008 6:01	10.99	45.482	29.35	9.16	8.17	3.5	3.087	100
1039	12/7/2008 6:16	10.99	45.337	29.25	9.1	8.17	3.6	3.141	99.3
1040	12/7/2008 6:31	10.97	45.376	29.27	9.1	8.17	3.7	3.169	99.3
1041	12/7/2008 6:46	10.94	45.016	29.01	9.04	8.17	2.7	3.189	98.4
1042	12/7/2008 7:01	10.96	45.029	29.02	9.01	8.17	2.6	3.205	98.2
1043	12/7/2008 7:16	10.97	45.266	29.19	8.99	8.17	2.4	3.188	98.1
1044	12/7/2008 7:31	10.95	45.305	29.22	9.03	8.16	3.1	3.146	98.5
1045	12/7/2008 7:46	10.96	45.562	29.41	8.97	8.16	2.9	3.086	97.9
1046	12/7/2008 8:01	10.92	44.843	28.89	8.95	8.17	2.9	3.052	97.3
1047	12/7/2008 8:16	10.92	45.411	29.3	8.93	8.17	2.6	2.958	97.4
1048	12/7/2008 8:31	10.93	44.827	28.88	9.03	8.18	3	2.884	98.2
1049	12/7/2008 8:46	10.92	44.92	28.95	9.03	8.18	2.5	2.808	98.2
1050	12/7/2008 9:01	10.92	44.754	28.83	9.07	8.18	2.6	2.718	98.5
1051	12/7/2008 9:16	10.91	44.864	28.9	9.09	8.19	2	2.646	98.8
1052	12/7/2008 9:31	10.9	44.644	28.75	9.16	8.2	2.3	2.552	99.5
1053	12/7/2008 9:46	10.9	44.724	28.8	9.23	8.21	2.1	2.487	100.2
1054	12/7/2008 10:01	10.92	44.668	28.77	9.28	8.21	2.1	2.391	100.8
1055	12/7/2008 10:16	10.92	44.514	28.66	9.34	8.22	2.1	2.309	101.4
1056	12/7/2008 10:31	10.91	44.657	28.76	9.34	8.22	2.1	2.234	101.5
1057	12/7/2008 10:46	10.93	44.599	28.72	9.47	8.23	2.1	2.129	102.8
1058	12/7/2008 11:01	11.03	44.618	28.74	9.61	8.23	2.2	2.049	104.7
1059	12/7/2008 11:16	11.16	44.69	28.79	9.76	8.24	2.7	1.967	106.6
1060	12/7/2008 11:31	11.15	44.526	28.68	9.87	8.25	2	1.876	107.6
1061	12/7/2008 11:46	11.27	44.518	28.68	10.06	8.26	1.8	1.806	110
1062	12/7/2008 12:01	11.3	44.685	28.8	10.1	8.27	2	1.711	110.7
1063	12/7/2008 12:16	11.27	44.531	28.68	10.12	8.27	1.6	1.647	110.7
1064	12/7/2008 12:31	11.34	44.782	28.87	10.32	8.28	1.8	1.581	113.2
1065	12/7/2008 12:46	11.34	44.724	28.82	10.29	8.29	1.8	1.532	112.9
1066	12/7/2008 13:01	11.36	44.639	28.77	10.33	8.29	1.7	1.497	113.3
1067	12/7/2008 13:16	11.26	44.63	28.75	10.13	8.29	1.3	1.477	110.8
1068	12/7/2008 13:31	11.37	44.554	28.71	10.25	8.28	2.6	1.483	112.4
1069	12/7/2008 13:46	11.27	44.693	28.8	10.19	8.29	1.5	1.468	111.5
1070	12/7/2008 14:01	11.17	44.596	28.73	10.11	8.29	1.6	1.525	110.4
1071	12/7/2008 14:16	11.16	44.344	28.55	10.01	8.28	1.8	1.549	109.2
1072	12/7/2008 14:31	11.09	44.183	28.43	9.99	8.28	1.6	1.603	108.6
1073	12/7/2008 14:46	11.1	44.519	28.67	9.92	8.28	1.8	1.657	108.1
1074	12/7/2008 15:01	11.01	44.34	28.54	9.82	8.27	2.7	1.696	106.7
1075	12/7/2008 15:16	10.96	44.39	28.57	9.76	8.26	3	1.771	106
1076	12/7/2008 15:31	10.94	44.207	28.44	9.7	8.25	2.6	1.824	105.2
1077	12/7/2008 15:46	10.96	44.335	28.53	9.63	8.25	2.3	1.875	104.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1078	12/7/2008 16:01	11.02	44.455	28.62	9.62	8.24	2	1.928	104.6
1079	12/7/2008 16:16	11.03	43.997	28.29	9.63	8.25	1.9	1.995	104.5
1080	12/7/2008 16:31	11.02	44.453	28.62	9.59	8.24	1.8	2.032	104.3
1081	12/7/2008 16:46	11.01	44.413	28.59	9.5	8.23	1.8	2.096	103.3
1082	12/7/2008 17:01	11.02	44.493	28.65	9.38	8.22	1.8	2.149	102
1083	12/7/2008 17:16	11.02	44.829	28.89	9.32	8.21	1.9	2.2	101.5
1084	12/7/2008 17:31	11.02	44.634	28.75	9.28	8.21	2	2.253	101.1
1085	12/7/2008 17:46	11.02	45.111	29.09	9.25	8.34	2	2.299	100.9
1086	12/7/2008 18:01	11.02	45.105	29.08	9.26		2	2.342	101.1
1087	12/7/2008 18:16	11.02	45.178	29.13	9.26	8.35	2	2.39	101
1088	12/7/2008 18:31	11.02	44.772	28.84	9.27	8.21	2	2.42	101
1089	12/7/2008 18:46	11.02	45.135	29.1	9.22	8.2	2	2.462	100.6
1090	12/7/2008 19:01	11.02	44.674	28.77	9.21	8.21	1.8	2.495	100.3
1091	12/7/2008 19:16	11.02	44.66	28.76	9.19	8.2	2.1	2.518	100.1
1092	12/7/2008 19:31	11.02	44.632	28.75	9.14	8.19	1.6	2.537	99.5
1093	12/7/2008 19:46	11.02	44.489	28.64	9.04	8.2	2.4	2.536	98.3
1094	12/7/2008 20:01	11.02	44.715	28.8	9.08	8.2	1.7	2.54	98.9
1095	12/7/2008 20:16	11.02	45.086	29.07	9.08	8.33	1.8	2.51	99
1096	12/7/2008 20:31	11.02	44.77	28.84	9.09	8.2	1.7	2.473	99
1097	12/7/2008 20:46	11.01	44.241	28.47	9.07	8.2	2	2.436	98.6
1098	12/7/2008 21:01	11.01	44.66	28.76	9.08	8.21	2.1	2.378	98.8
1099	12/7/2008 21:16	11.1	44.57	28.7	9.22	8.23	2.2	2.322	100.4
1100	12/7/2008 21:31	11.07	44.697	28.79	9.2	8.23	2.7	2.256	100.2
1101	12/7/2008 21:46	11.06	44.599	28.72	9.24	8.23	2.5	2.197	100.6
1102	12/7/2008 22:01	11.07	44.654	28.76	9.29	8.23	2.3	2.137	101.3
1103	12/7/2008 22:16	11.1	44.603	28.73	9.42	8.25	2.3	2.082	102.7
1104	12/7/2008 22:31	11.07	44.324	28.53	9.35	8.23	2.2	2.009	101.7
1105	12/7/2008 22:46	11.05	44.554	28.69	9.2	8.22	2.6	1.945	100.2
1106	12/7/2008 23:01	11.04	44.568	28.7	9.13	8.22	2.3	1.908	99.4
1107	12/7/2008 23:16	11.06	44.551	28.69	9.34	8.24	2.3	1.863	101.7
1108	12/7/2008 23:31	11.02	44.488	28.64	9.06	8.21	2.1	1.812	98.5
1109	12/7/2008 23:46	11.02	44.433	28.6	9.03	8.22	2.2	1.761	98.3
1110	12/8/2008 0:01	11.02	44.515	28.66	9.01	8.22	2	1.743	98.1
1111	12/8/2008 0:16	11.03	44.977	28.99	8.76	8.2	10.5	1.716	95.5
1112	12/8/2008 0:31	11.07	44.227	28.46	8.99	8.22	3.2	1.695	97.8
1113	12/8/2008 0:46	11.05	44.052	28.33	9.15	8.22	2.7	1.713	99.4
1114	12/8/2008 1:01	11.04	44.594	28.72	9.25	8.23	2.4	1.72	100.7
1115	12/8/2008 1:16	11.05	44.531	28.67	9.37	8.25	2.1	1.743	102
1116	12/8/2008 1:31	11.04	44.389	28.57	9.46	8.25	2.3	1.777	102.9
1117	12/8/2008 1:46	11	44.337	28.53	9.5	8.26	1.9	1.817	103.2
1118	12/8/2008 2:01	11.01	44.499	28.65	9.52	8.26	2	1.875	103.5
1119	12/8/2008 2:16	10.98	44.583	28.71	9.49	8.25	2	1.932	103.2
1120	12/8/2008 2:31	10.94	44.407	28.58	9.39	8.24	2.5	2.007	102
1121	12/8/2008 2:46	10.91	44.33	28.52	9.34	8.24	2.5	2.058	101.3
1122	12/8/2008 3:01	10.99	44.328	28.53	9.33	8.23	2.5	2.116	101.3
1123	12/8/2008 3:16	11.01	44.517	28.66	9.27	8.22	2.4	2.194	100.8
1124	12/8/2008 3:31	11	44.425	28.6	9.26	8.23	2.6	2.262	100.7
1125	12/8/2008 3:46	11	44.598	28.72	9.18	8.21	2.5	2.32	99.9
1126	12/8/2008 4:01	11	44.721	28.81	9.13	8.21	2.4	2.396	99.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1127	12/8/2008 4:16	10.99	44.674	28.77	9.14	8.2	2.8	2.472	99.4
1128	12/8/2008 4:31	11	44.693	28.79	9.12	8.2	3	2.549	99.2
1129	12/8/2008 4:46	11	45.297	29.22	9.06	8.19	3.5	2.629	98.9
1130	12/8/2008 5:01	11	44.757	28.83	9.07	8.19	3.1	2.7	98.7
1131	12/8/2008 5:16	11	44.662	28.77	9.09	8.19	3.4	2.791	98.9
1132	12/8/2008 5:31	11	44.601	28.72	9.09	8.18	3.8	2.871	98.9
1133	12/8/2008 5:46	11.01	44.971	28.99	9.08	8.18	4.3	2.944	99
1134	12/8/2008 6:01	11.01	45.048	29.04	9.09	8.18	4.7	3.027	99.1
1135	12/8/2008 6:16	11	44.921	28.95	9.09	8.18	4.3	3.095	99
1136	12/8/2008 6:31	11	45.101	29.08	9.07	8.18	4.1	3.171	98.9
1137	12/8/2008 6:46	11	45.096	29.07	9.06	8.18	3.4	3.223	98.8
1138	12/8/2008 7:01	10.98	44.959	28.98	9.07	8.18	3.2	3.277	98.7
1139	12/8/2008 7:16	10.96	45.028	29.02	8.99	8.18	3.1	3.31	97.9
1140	12/8/2008 7:31	10.95	45.072	29.05	8.94	8.17	2.9	3.331	97.3
1141	12/8/2008 7:46	10.98	45.578	29.42	8.9	8.17	2.6	3.327	97.2
1142	12/8/2008 8:01	10.98	45.012	29.01	8.93	8.17	2.5	3.313	97.3
1143	12/8/2008 8:16	10.94	45.209	29.15	8.88	8.17	2.3	3.282	96.7
1144	12/8/2008 8:31	10.94	44.912	28.94	8.94	8.17	2.7	3.213	97.3
1145	12/8/2008 8:46	10.93	45.046	29.04	8.93	8.18	2.8	3.147	97.2
1146	12/8/2008 9:01	10.92	44.78	28.85	9	8.18	2.9	3.078	97.8
1147	12/8/2008 9:16	10.95	44.843	28.89	9.07	8.18	2.9	2.978	98.7
1148	12/8/2008 9:31	10.96	44.9	28.93	9.12	8.19	2.9	2.89	99.3
1149	12/8/2008 9:46	10.95	44.966	28.98	9.15	8.19	2.8	2.791	99.6
1150	12/8/2008 10:01	10.94	44.552	28.68	9.23	8.21	2.7	2.696	100.3
1151	12/8/2008 10:16	10.95	44.748	28.82	9.18	8.21	3.1	2.596	99.8
1152	12/8/2008 10:31	10.96	44.549	28.68	9.24	8.22	2.9	2.492	100.4
1153	12/8/2008 10:46	10.98	44.515	28.66	9.26	8.22	2.7	2.396	100.6
1154	12/8/2008 11:01	11.02	44.525	28.67	9.36	8.23	2.5	2.301	101.8
1155	12/8/2008 11:16	11.1	44.605	28.73	9.52	8.23	2.3	2.184	103.8
1156	12/8/2008 11:31	11.2	44.643	28.76	9.72	8.24	2.6	2.071	106.2
1157	12/8/2008 11:46	11.21	44.706	28.81	9.81	8.25	2.7	1.964	107.2
1158	12/8/2008 12:01	11.3	44.731	28.83	10	8.27	2.9	1.844	109.6
1159	12/8/2008 12:16	11.31	44.188	28.44	10.06	8.28	2.9	1.726	109.9
1160	12/8/2008 12:31	11.24	44.593	28.73	9.98	8.27	3.7	1.617	109.2
1161	12/8/2008 12:46	11.25	44.413	28.6	10.01	8.27	2.7	1.513	109.4
1162	12/8/2008 13:01	11.28	44.55	28.7	10	8.28	3.1	1.411	109.4
1163	12/8/2008 13:16	11.32	44.439	28.62	10.04	8.29	3.2	1.328	109.9
1164	12/8/2008 13:31	11.29	44.049	28.34	9.98	8.29	2.9	1.26	109
1165	12/8/2008 13:46	11.29	44.51	28.67	9.93	8.28	2.8	1.203	108.7
1166	12/8/2008 14:01	11.3	44.937	28.98	9.9	8.42	2.7	1.162	108.6
1167	12/8/2008 14:16	11.59	44.405	28.61	10.17		3.9	1.165	112
1168	12/8/2008 14:31	11.45	44.395	28.6	10.19	8.3	3.3	1.158	111.9
1169	12/8/2008 14:46	11.37	44.033	28.33	10.07	8.29	2.6	1.17	110.1
1170	12/8/2008 15:01	11.33	44.515	28.68	10.08	8.29	2.7	1.234	110.4
1171	12/8/2008 15:16	11.28	44.945	28.98	10.13	8.26	2.4	1.264	111.1
1172	12/8/2008 15:31	11.29	44.411	28.6	10.12		2.8	1.335	110.7
1173	12/8/2008 15:46	11.25	43.987	28.3	10.14	8.32	2.4	1.407	110.6
1174	12/8/2008 16:01	11.24	44.439	28.62	10.02	8.29	2.5	1.451	109.5
1175	12/8/2008 16:16	11.21	44.388	28.58	10	8.31	2.9	1.55	109.2

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1176	12/8/2008 16:31	11.2	45.134	29.11	9.95	8.31	2.8	1.614	108.9
1177	12/8/2008 16:46	11.19	44.676	28.78	9.9	8.29	2.8	1.67	108.2
1178	12/8/2008 17:01	11.2	44.506	28.66	9.85	8.29	2.5	1.733	107.5
1179	12/8/2008 17:16	11.19	44.947	28.98	9.8		2.5	1.809	107.2
1180	12/8/2008 17:31	11.17	44.216	28.46	9.78	8.27	2.7	1.881	106.6
1181	12/8/2008 17:46	11.16	44.368	28.56	9.7	8.27	2.6	1.936	105.8
1182	12/8/2008 18:01	11.11	44.413	28.59	9.55	8.25	2.6	2.014	104.1
1183	12/8/2008 18:16	11.07	45.034	29.03	9.44	8.37	2.7	2.074	103.1
1184	12/8/2008 18:31	11.05	44.296	28.51	9.42		2.9	2.152	102.5
1185	12/8/2008 18:46	11.02	45.018	29.02	9.36		2.9	2.206	102.1
1186	12/8/2008 19:01	11.02	44.787	28.85	9.35	8.18	2.7	2.256	101.8
1187	12/8/2008 19:16	11.01	44.055	28.33	9.33	8.22	2.7	2.318	101.3
1188	12/8/2008 19:31	11	44.13	28.39	9.28	8.23	2.8	2.375	100.8
1189	12/8/2008 19:46	10.98	45.069	29.05	9.23	8.22	2.7	2.402	100.6
1190	12/8/2008 20:01	10.99	45.149	29.11	9.2	8.35	2.6	2.45	100.3
1191	12/8/2008 20:16	10.98	44.14	28.39	9.22	8.22	2.5	2.488	100.1
1192	12/8/2008 20:31	10.97	44.132	28.39	9.22	8.21	2.6	2.514	100
1193	12/8/2008 20:46	10.94	44.278	28.49	9.14	8.22	2.7	2.538	99.2
1194	12/8/2008 21:01	10.88	44.176	28.41	9.1	8.22	2.6	2.531	98.5
1195	12/8/2008 21:16	10.94	44.742	28.82	9.08		2.3	2.53	98.7
1196	12/8/2008 21:31	10.89	44.379	28.56	9.11	8.22	2.3	2.514	98.7
1197	12/8/2008 21:46	10.8	44.583	28.7	9.03	8.22	2.4	2.488	97.8
1198	12/8/2008 22:01	10.77	44.387	28.56	9.06	8.22	2.5	2.438	97.9
1199	12/8/2008 22:16	10.72	44.691	28.77	9.02	8.21	2.6	2.378	97.6
1200	12/8/2008 22:31	10.62	45.103	29.06	8.9	8.17	2.6	2.338	96.2
1201	12/8/2008 22:46	10.47	44.61	28.7	8.95		3.1	2.257	96.3
1202	12/8/2008 23:01	10.48	44.72	28.78	9.04	8.25	4.2	2.187	97.3
1203	12/8/2008 23:16	10.54	44.724	28.79	9.15	8.25	4.4	2.133	98.6
1204	12/8/2008 23:31	10.53	44.233	28.44	9.23	8.26	6.8	2.064	99.2
1205	12/8/2008 23:46	10.59	44.6	28.7	9.28	8.27	3.6	2.021	100
1206	12/9/2008 0:01	10.56	44.657	28.74	9.3	8.27	3.6	1.942	100.2
1207	12/9/2008 0:16	10.55	44.588	28.69	9.22	8.26	3.4	1.909	99.3
1208	12/9/2008 0:31	10.53	44.578	28.68	9.16	8.26	3.3	1.876	98.6
1209	12/9/2008 0:46	10.56	44.014	28.28	9.24	8.27	3.4	1.813	99.2
1210	12/9/2008 1:01	10.56	44.567	28.68	9.21	8.26	3.1	1.792	99.2
1211	12/9/2008 1:16	10.62	44.491	28.62	9.21	8.27	2	1.791	99.3
1212	12/9/2008 1:31	10.66	44.59	28.7	9.14		1.5	1.768	98.7
1213	12/9/2008 1:46	10.64	43.977	28.26	9.21	8.28	2.1	1.764	99.2
1214	12/9/2008 2:01	10.66	44.301	28.49	9.44	8.27	2.9	1.804	101.8
1215	12/9/2008 2:16	10.64	44.487	28.62	9.39	8.27	2.5	1.826	101.3
1216	12/9/2008 2:31	10.69	44.629	28.73	9.39	8.27	2.5	1.861	101.5
1217	12/9/2008 2:46	10.69	44.53	28.66	9.43	8.27	2.9	1.917	101.8
1218	12/9/2008 3:01	10.67	44.315	28.5	9.42	8.26	2.9	1.972	101.6
1219	12/9/2008 3:16	10.59	44.27	28.47	9.3	8.26	3.4	2.036	100.2
1220	12/9/2008 3:31	10.65	44.413	28.57	9.26	8.25	3.2	2.101	99.9
1221	12/9/2008 3:46	10.64	44.963	28.96	9.21	8.24	3.4	2.163	99.6
1222	12/9/2008 4:01	10.65	44.424	28.58	9.18		3	2.237	99
1223	12/9/2008 4:16	10.68	42.498	27.21	9.29	8.19	3.4	2.316	99.4
1224	12/9/2008 4:31	10.73	42.529	27.24	9.24	8.18	3.7	2.387	99

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1225	12/9/2008 4:46	10.81	42.617	27.3	9.21	8.17	3.8	2.468	98.9
1226	12/9/2008 5:01	10.83	42.632	27.32	9.2	8.16	4.6	2.544	98.8
1227	12/9/2008 5:16	10.84	43.09	27.64	9.16	8.16	4.7	2.629	98.6
1228	12/9/2008 5:31	10.86	43.225	27.74	9.14	8.15	5.4	2.712	98.5
1229	12/9/2008 5:46	10.86	45.127	29.09	9.04	8.2	4.8	2.792	98.2
1230	12/9/2008 6:01	10.86	45.574	29.41	9	8.19	5.2	2.888	98.1
1231	12/9/2008 6:16	10.83	45.639	29.45	9.01	8.19	6	2.973	98.1
1232	12/9/2008 6:31	10.8	45.37	29.26	9.03	8.19	6.8	3.058	98.1
1233	12/9/2008 6:46	10.77	45.67	29.47	9.02	8.18	6	3.146	98.1
1234	12/9/2008 7:01	10.72	45.01	29	9.01	8.18	6.2	3.229	97.6
1235	12/9/2008 7:16	10.68	45.15	29.1	8.98	8.17	5.5	3.29	97.3
1236	12/9/2008 7:31	10.66	45.248	29.17	8.95	8.17	4.1	3.341	96.9
1237	12/9/2008 7:46	10.55	45.553	29.38	8.91	8.17	3.4	3.41	96.3
1238	12/9/2008 8:01	10.5	46.155	29.81	8.79	8.17	3.3	3.432	95.2
1239	12/9/2008 8:16	10.31	45.175	29.1	8.7	8.17	2.9	3.444	93.4
1240	12/9/2008 8:31	10.54	45.479	29.32	8.77	8.17	2.9	3.444	94.8
1241	12/9/2008 8:46	10.59	44.93	28.94	8.83	8.18	2.9	3.425	95.3
1242	12/9/2008 9:01	10.59	44.768	28.82	8.88	8.17	3.1	3.383	95.8
1243	12/9/2008 9:16	10.63	45.595	29.41	8.93		3.3	3.317	96.8
1244	12/9/2008 9:31	10.56	44.416	28.57	8.97	8.19	3.5	3.246	96.6
1245	12/9/2008 9:46	10.63	45.158	29.1	9.07	8.17	3.3	3.157	98.1
1246	12/9/2008 10:01	10.63	44.706	28.78	9.09	8.2	3.8	3.051	98.1
1247	12/9/2008 10:16	10.58	45.636	29.44	9.08	8.2	3.9	2.941	98.3
1248	12/9/2008 10:31	10.52	44.868	28.89	9.16	8.21	3.9	2.833	98.7
1249	12/9/2008 10:46	10.57	45.676	29.47	9.18	8.22	3.6	2.724	99.4
1250	12/9/2008 11:01	10.57	44.398	28.56	9.35	8.23	3.5	2.61	100.7
1251	12/9/2008 11:16	10.68	44.433	28.59	9.39	8.24	3.1	2.48	101.3
1252	12/9/2008 11:31	10.67	44.825	28.87	9.42	8.24	3.7	2.365	101.8
1253	12/9/2008 11:46	10.76	44.384	28.56	9.51	8.24	4.5	2.233	102.8
1254	12/9/2008 12:01	10.87	44.643	28.74	9.64	8.25	4	2.116	104.6
1255	12/9/2008 12:16	10.95	44.621	28.73	9.73	8.26	5.1	1.972	105.7
1256	12/9/2008 12:31	11.09	44.958	28.98	9.97	7.92	4	1.832	108.9
1257	12/9/2008 12:46	11.06	44.944	28.97	9.99	8.4	4.2	1.7	109
1258	12/9/2008 13:01	11.07	44.9	28.94	10.02	8.27	3.7	1.556	109.4
1259	12/9/2008 13:16	11.24	44.771	28.85	10.17		3.6	1.414	111.3
1260	12/9/2008 13:31	11.22	44.296	28.51	10.13	8.29	3.2	1.285	110.6
1261	12/9/2008 13:46	11.09	44.716	28.81	10.04	8.3	3.1	1.165	109.5
1262	12/9/2008 14:01	11.11	44.761	28.84	10.03	7.94	2.8	1.051	109.5
1263	12/9/2008 14:16	11.12	44.875	28.92	10.08		2.9	0.953	110.1
1264	12/9/2008 14:31	11.17	45.573	29.42	10.07		2.8	0.893	110.4
1265	12/9/2008 14:46	11.14	45.421	29.31	10.01	7.95	2.3	0.838	109.7
1266	12/9/2008 15:01	11.25	44.411	28.6	10.23	8.31	3.4	0.815	111.8
1267	12/9/2008 15:16	11.21	44.701	28.8	10.19	8.3	2.8	0.849	111.5
1268	12/9/2008 15:31	11.21	45.462	29.35	10.14	8.3	2.8	0.876	111.2
1269	12/9/2008 15:46	11	44.825	28.88	10.12	8.3	2.6	0.917	110.2
1270	12/9/2008 16:01	10.92	45.608	29.44	10.1	8.32	2.7	1.001	110.1
1271	12/9/2008 16:16	10.86	45.537	29.38	10.08	8.32	2.7	1.07	109.8
1272	12/9/2008 16:31	10.92	45.984	29.71	10.01	8.32	2.6	1.112	109.4
1273	12/9/2008 16:46	10.5	44.836	28.86	10	8.33	3.5	1.207	107.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1274	12/9/2008 17:01	10.49	44.256	28.45	9.99	8.31	5.9	1.281	107.3
1275	12/9/2008 17:16	10.57	44.198	28.41	9.96	8.3	3.5	1.341	107.2
1276	12/9/2008 17:31	10.6	45.106	29.06	9.89	8.32	3.4	1.428	106.9
1277	12/9/2008 17:46	10.74	45.411	29.29	9.84	8.42	3.3	1.511	106.8
1278	12/9/2008 18:01	10.75	44.44	28.59	9.87	8.3	3.3	1.598	106.7
1279	12/9/2008 18:16	10.71	44.418	28.58	9.84	8.3	3.5	1.675	106.3
1280	12/9/2008 18:31	10.69	45.413	29.29	9.72	8.29	3.3	1.779	105.4
1281	12/9/2008 18:46	10.68	46.203	29.85	9.55	8.28	3.6	1.863	103.9
1282	12/9/2008 19:01	10.67	46.058	29.75	9.46	8.27	3.6	1.95	102.8
1283	12/9/2008 19:16	10.67	45.108	29.07	9.45	8.27	3.7	2.036	102.3
1284	12/9/2008 19:31	10.68	45.742	29.52	9.38	8.25	3.7	2.122	101.9
1285	12/9/2008 19:46	10.68	45.375	29.26	9.36	8.25	3.8	2.207	101.4
1286	12/9/2008 20:01	10.68	45.41	29.28	9.31	8.24	3.7	2.267	100.9
1287	12/9/2008 20:16	10.68	45.102	29.06	9.3	8.24	3.6	2.345	100.6
1288	12/9/2008 20:31	10.69	45.531	29.37	9.24	8.23	4	2.415	100.3
1289	12/9/2008 20:46	10.69	45.897	29.63	9.2	8.23	3.8	2.456	99.9
1290	12/9/2008 21:01	10.7	45.931	29.66	9.16	8.22	3.7	2.519	99.6
1291	12/9/2008 21:16	10.7	45.082	29.05	9.16	8.21	3.5	2.572	99.2
1292	12/9/2008 21:31	10.71	45.269	29.18	9.12	8.21	3.5	2.601	98.8
1293	12/9/2008 21:46	10.69	44.996	28.99	9.07	8.2	3.2	2.645	98.2
1294	12/9/2008 22:01	10.66	45.116	29.07	9.04	8.21	3.3	2.663	97.8
1295	12/9/2008 22:16	10.65	45.413	29.28	9	8.2	2.8	2.658	97.5
1296	12/9/2008 22:31	10.65	45.104	29.06	8.94	8.2	2.4	2.649	96.8
1297	12/9/2008 22:46	10.61	44.952	28.95	9	8.2	2.7	2.63	97.3
1298	12/9/2008 23:01	10.49	44.963	28.95	8.99	8.21	2.9	2.56	96.9
1299	12/9/2008 23:16	10.42	44.948	28.94	8.98	8.22	2.9	2.518	96.6
1300	12/9/2008 23:31	10.38	44.885	28.89	8.96	8.22	3.4	2.459	96.3
1301	12/9/2008 23:46	10.25	46.097	29.75	8.97	8.23	3.4	2.383	96.6
1302	12/10/2008 0:01	10.14	44.587	28.67	9.08	8.24	4	2.301	96.9
1303	12/10/2008 0:16	10.2	44.806	28.83	9.07	8.25	3.3	2.234	97.1
1304	12/10/2008 0:31	10.24	45.509	29.33	9.12	8.26	3.2	2.186	98
1305	12/10/2008 0:46	10.26	44.957	28.94	9.18	8.25	3.2	2.099	98.4
1306	12/10/2008 1:01	10.21	45.204	29.11	9.08	8.25	2.8	2.05	97.3
1307	12/10/2008 1:16	10.19	44.836	28.85	9.12	8.25	3.1	1.996	97.6
1308	12/10/2008 1:31	10.2	44.865	28.87	9.09	8.25	3	1.959	97.3
1309	12/10/2008 1:46	10.2	44.793	28.82	9.11	8.25	2.9	1.908	97.4
1310	12/10/2008 2:01	10.16	44.925	28.91	9.08	8.24	3	1.87	97.1
1311	12/10/2008 2:16	10.22	45.972	29.66	9.08	8.25	2.6	1.888	97.7
1312	12/10/2008 2:31	10.17	45.232	29.13	9.11	8.25	2.7	1.863	97.6
1313	12/10/2008 2:46	10.21	45.33	29.2	9.19	8.26	2.6	1.874	98.6
1314	12/10/2008 3:01	10.25	44.939	28.92	9.23	8.27	2.6	1.901	98.9
1315	12/10/2008 3:16	10.3	44.572	28.67	9.31	8.26	2.7	1.938	99.7
1316	12/10/2008 3:31	10.29	45.174	29.09	9.27	8.27	2.9	1.988	99.5
1317	12/10/2008 3:46	10.31	44.764	28.8	9.26	8.25	3.1	2.043	99.3
1318	12/10/2008 4:01	10.2	44.744	28.78	9.2	8.25	3.5	2.103	98.4
1319	12/10/2008 4:16	10.23	44.74	28.78	9.18	8.25	3.8	2.182	98.3
1320	12/10/2008 4:31	10.29	45.009	28.98	9.14	8.24	3.5	2.257	98
1321	12/10/2008 4:46	10.29	44.859	28.87	9.12	8.23	3.2	2.323	97.8
1322	12/10/2008 5:01	10.34	44.992	28.97	9.1	8.23	3.3	2.399	97.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1323	12/10/2008 5:16	10.46	46.016	29.7	9.03	8.22	3.4	2.472	97.7
1324	12/10/2008 5:31	10.51	46.085	29.76	9.02	8.21	3.3	2.552	97.7
1325	12/10/2008 5:46	10.54	45.796	29.55	9.01	8.21	4.1	2.629	97.6
1326	12/10/2008 6:01	10.55	45.549	29.38	9	8.2	4.6	2.713	97.4
1327	12/10/2008 6:16	10.55	45.309	29.2	8.95	8.19	5	2.807	96.8
1328	12/10/2008 6:31	10.52	45.646	29.44	8.91	8.19	6	2.89	96.3
1329	12/10/2008 6:46	10.49	46.23	29.86	8.86	8.18	5.7	2.982	96
1330	12/10/2008 7:01	10.44	45.371	29.24	8.85	8.18	7.3	3.083	95.4
1331	12/10/2008 7:16	10.37	45.555	29.37	8.77	8.17	7.3	3.169	94.5
1332	12/10/2008 7:31	10.31	45.775	29.52	8.69	8.15	6.7	3.256	93.7
1333	12/10/2008 7:46	10.27	45.868	29.59	8.64	8.15	5.7	3.338	93
1334	12/10/2008 8:01	10.22	46.267	29.87	8.6	8.14	6	3.406	92.7
1335	12/10/2008 8:16	10.21	45.169	29.09	8.65	8.14	4.1	3.476	92.7
1336	12/10/2008 8:31	10.19	45.137	29.06	8.62	8.14	3.8	3.534	92.3
1337	12/10/2008 8:46	10.2	46.411	29.97	8.57	8.14	4.3	3.568	92.3
1338	12/10/2008 9:01	10.13	46.775	30.23	8.48	8.15	2.6	3.589	91.3
1339	12/10/2008 9:16	10.17	46.166	29.79	8.5	8.14	2.7	3.603	91.5
1340	12/10/2008 9:31	10.17	45.758	29.5	8.53	8.14	3.1	3.584	91.5
1341	12/10/2008 9:46	10.25	45.481	29.31	8.66	8.15	3.1	3.542	93
1342	12/10/2008 10:01	10.3	45.674	29.45	8.77	8.16	3.9	3.483	94.4
1343	12/10/2008 10:16	10.32	45.117	29.06	8.75	8.17	3.7	3.396	94
1344	12/10/2008 10:31	10.41	45.156	29.09	8.97	8.18	3.4	3.307	96.6
1345	12/10/2008 10:46	10.45	45.308	29.2	9	8.18	4	3.186	97.1
1346	12/10/2008 11:01	10.36	45.203	29.12	9.02	8.18	3.7	3.056	97.1
1347	12/10/2008 11:16	10.32	45.847	29.58	9.04	8.19	4	2.948	97.4
1348	12/10/2008 11:31	10.36	46.108	29.76	9.13	8.21	3.2	2.819	98.6
1349	12/10/2008 11:46	10.43	45.743	29.51	9.28	8.23	3.7	2.679	100.2
1350	12/10/2008 12:01	10.42	45.435	29.29	9.47	8.24	3.3	2.54	102.1
1351	12/10/2008 12:16	10.47	45.491	29.33	9.42	8.23	4.6	2.416	101.6
1352	12/10/2008 12:31	10.6	45.436	29.3	9.49	8.24	4.3	2.269	102.8
1353	12/10/2008 12:46	10.62	45.381	29.26	9.53	8.24	5.2	2.116	103.2
1354	12/10/2008 13:01	10.66	45.431	29.3	9.62	8.25	4.9	1.97	104.3
1355	12/10/2008 13:16	10.86	45.182	29.13	9.86	8.26	3	1.816	107.2
1356	12/10/2008 13:31	10.84	45.46	29.33	9.86	8.27	3.8	1.674	107.2
1357	12/10/2008 13:46	10.93	45.413	29.3	9.99	8.28	4.7	1.498	108.9
1358	12/10/2008 14:01	10.85	45.895	29.64	9.88	8.27	4.2	1.333	107.8
1359	12/10/2008 14:16	10.85	45.549	29.39	9.9	8.28	3.7	1.182	107.8
1360	12/10/2008 14:31	10.83	45.371	29.26	9.96	8.28	3.5	1.03	108.3
1361	12/10/2008 14:46	10.86	45.201	29.14	10.03	8.29	3.2	0.877	109.1
1362	12/10/2008 15:01	10.84	45.208	29.15	10.09	8.3	3.2	0.76	109.6
1363	12/10/2008 15:16	10.85	45.324	29.23	10.09	8.3	3.5	0.667	109.8
1364	12/10/2008 15:31	10.94	45.274	29.2	10.06	8.29	4	0.58	109.6
1365	12/10/2008 15:46	10.87	45.117	29.08	10.17	8.31	4.3	0.568	110.6
1366	12/10/2008 16:01	10.71	45.076	29.05	10.23	8.32	3.4	0.59	110.8
1367	12/10/2008 16:16	10.63	44.94	28.94	10.21	8.32	3.4	0.626	110.4
1368	12/10/2008 16:31	10.66	44.799	28.85	10.17	8.32	4.3	0.725	109.9
1369	12/10/2008 16:46	10.55	44.839	28.87	10.21	8.33	4.2	0.799	110.1
1370	12/10/2008 17:01	10.56	45.192	29.12	10.16	8.33	3.8	0.875	109.7
1371	12/10/2008 17:16	10.55	45.377	29.25	10.13	8.33	3.9	0.941	109.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1372	12/10/2008 17:31	10.01	44.616	28.68	10.05	8.33	4.8	1	107
1373	12/10/2008 17:46	10.06	44.689	28.74	10.02	8.33	4.3	1.081	106.9
1374	12/10/2008 18:01	10.12	45.23	29.12	9.97	8.33	4.5	1.141	106.7
1375	12/10/2008 18:16	10.14	44.374	28.52	9.98	8.32	4.8	1.226	106.4
1376	12/10/2008 18:31	10.2	45.301	29.18	9.92	8.33	4.5	1.317	106.4
1377	12/10/2008 18:46	10.31	44.223	28.42	9.95	8.31	4.6	1.409	106.5
1378	12/10/2008 19:01	10.33	45.334	29.21	9.87	8.31	4.5	1.509	106.2
1379	12/10/2008 19:16	10.37	44.955	28.94	9.88	8.3	4.3	1.614	106.1
1380	12/10/2008 19:31	10.38	46.054	29.73	9.75	8.3	4.3	1.723	105.3
1381	12/10/2008 19:46	10.37	44.659	28.73	9.7	8.29	4.8	1.833	104.1
1382	12/10/2008 20:01	10.41	45.673	29.46	9.59	8.28	5.6	1.937	103.4
1383	12/10/2008 20:16	10.43	45.375	29.24	9.56		5.6	2.037	103.1
1384	12/10/2008 20:31	10.43	45.454	29.3	9.52		5.8	2.136	102.6
1385	12/10/2008 20:46	10.43	44.96	28.95	9.45	8.26	5.9	2.223	101.7
1386	12/10/2008 21:01	10.44	45.019	28.99	9.43	8.26	5.9	2.301	101.5
1387	12/10/2008 21:16	10.46	44.792	28.83	9.39	8.25	6.1	2.377	101
1388	12/10/2008 21:31	10.45	44.941	28.94	9.31	8.21	6	2.455	100.2
1389	12/10/2008 21:46	10.44	45.633	29.43	9.18	8.22	6.5	2.516	99.1
1390	12/10/2008 22:01	10.43	45.819	29.56	9.06	8.2	6	2.568	97.9
1391	12/10/2008 22:16	10.41	45.612	29.41	8.99	8.19	5.6	2.635	97
1392	12/10/2008 22:31	10.4	46.072	29.74	8.93	8.18	4.5	2.675	96.6
1393	12/10/2008 22:46	10.39	46.065	29.74	8.9		4.2	2.722	96.1
1394	12/10/2008 23:01	10.37	45.978	29.67	8.89	8.19	4	2.746	96
1395	12/10/2008 23:16	10.36	45.694	29.47	8.84	8.19	2.7	2.765	95.2
1396	12/10/2008 23:31	10.38	45.285	29.18	8.84	8.17	3.4	2.746	95.1
1397	12/10/2008 23:46	10.38	45.7	29.47	8.82	8.18	3.7	2.707	95.2
1398	12/11/2008 0:01	10.21	45.213	29.12	8.95	8.2	3.7	2.666	96
1399	12/11/2008 0:16	10.06	45.013	28.97	8.96	8.22	4	2.604	95.6
1400	12/11/2008 0:31	9.97	45.163	29.07	9.01	8.23	4	2.54	96
1401	12/11/2008 0:46	10.08	45.062	29	9.05	8.23	4.3	2.463	96.7
1402	12/11/2008 1:01	10.09	45.072	29.01	9.13	8.24	4.2	2.39	97.5
1403	12/11/2008 1:16	10.09	44.881	28.87	9.16	8.24	4	2.332	97.7
1404	12/11/2008 1:31	10.1	44.885	28.88	9.12	8.24	3.7	2.259	97.4
1405	12/11/2008 1:46	10.09	44.746	28.78	9.08	8.23	3.5	2.19	96.9
1406	12/11/2008 2:01	10.07	45.425	29.26	9.09	8.23	3.5	2.139	97.2
1407	12/11/2008 2:16	10.04	45.138	29.05	9.04	8.23	3.3	2.077	96.5
1408	12/11/2008 2:31	10.07	45.389	29.23	9.04	8.24	3.4	2.038	96.7
1409	12/11/2008 2:46	10.05	45.308	29.18	9.07	8.24	3.1	2.011	97
1410	12/11/2008 3:01	10.05	45.021	28.97	9.07	8.24	3.2	1.97	96.8
1411	12/11/2008 3:16	10.08	44.737	28.77	9.13	8.24	3	1.94	97.3
1412	12/11/2008 3:31	10.07	45.249	29.13	9.17	8.25	3.1	1.959	98
1413	12/11/2008 3:46	10.05	44.886	28.88	9.19	8.25	3.1	1.952	98
1414	12/11/2008 4:01	10.05	44.446	28.56	9.23	8.25	3.1	1.991	98.3
1415	12/11/2008 4:16	10.09	44.219	28.4	9.29	8.26	3.4	2.03	98.8
1416	12/11/2008 4:31	10.1	44.89	28.88	9.27	8.25	3.6	2.074	98.9
1417	12/11/2008 4:46	10.13	45.157	29.07	9.22	8.25	4.4	2.142	98.6
1418	12/11/2008 5:01	10.07	45.162	29.07	9.19	8.24	5.7	2.2	98.2
1419	12/11/2008 5:16	10.06	44.871	28.87	9.17	8.23	4.9	2.286	97.9
1420	12/11/2008 5:31	10.09	44.783	28.8	9.12	8.23	4.4	2.359	97.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1421	12/11/2008 5:46	10.1	44.86	28.86	9.1	8.23	4.5	2.438	97.1
1422	12/11/2008 6:01	10.21	45.017	28.98	9.02	8.21	4.7	2.524	96.6
1423	12/11/2008 6:16	10.24	45.77	29.52	8.95	8.19	4.6	2.61	96.2
1424	12/11/2008 6:31	10.25	45.551	29.36	8.91	8.18	5.4	2.685	95.8
1425	12/11/2008 6:46	10.24	45.75	29.5	8.81	8.17	6.3	2.773	94.8
1426	12/11/2008 7:01	10.22	45.481	29.31	8.76	8.17	7.1	2.86	94
1427	12/11/2008 7:16	10.21	45.503	29.32	8.72	8.16	7.6	2.953	93.6
1428	12/11/2008 7:31	10.17	45.966	29.65	8.66	8.15	8.7	3.076	93
1429	12/11/2008 7:46	10.12	45.144	29.06	8.64	8.15	9.8	3.179	92.4
1430	12/11/2008 8:01	10.08	45.206	29.1	8.6	8.13	7.9	3.255	91.9
1431	12/11/2008 8:16	10.06	45.528	29.33	8.54	8.13	7.7	3.362	91.4
1432	12/11/2008 8:31	10.05	45.284	29.16	8.55	8.13	6.9	3.453	91.3
1433	12/11/2008 8:46	10.05	44.962	28.93	8.6	8.13	5.9	3.527	91.8
1434	12/11/2008 9:01	10.05	45.537	29.34	8.59	8.13	4.9	3.597	91.9
1435	12/11/2008 9:16	10.06	46.234	29.84	8.58	8.13	4.9	3.656	92.1
1436	12/11/2008 9:31	10.05	45.778	29.51	8.59	8.13	3.5	3.697	92
1437	12/11/2008 9:46	10	46.197	29.81	8.55	8.15	2.6	3.723	91.7
1438	12/11/2008 10:01	10	45.884	29.58	8.54	8.14	3.2	3.732	91.5
1439	12/11/2008 10:16	10.1	46.055	29.71	8.63	8.14	3.4	3.71	92.7
1440	12/11/2008 10:31	10.12	45.708	29.46	8.63	8.14	3.1	3.654	92.6
1441	12/11/2008 10:46	10.16	45.318	29.19	8.76	8.14	3.6	3.576	93.9
1442	12/11/2008 11:01	10.24	45.24	29.14	8.87	8.16	3.3	3.484	95.2
1443	12/11/2008 11:16	10.24	44.922	28.91	8.83	8.15	3.1	3.376	94.6
1444	12/11/2008 11:31	10.28	45.243	29.14	8.94	8.17	3.7	3.253	96.1
1445	12/11/2008 11:46	10.19	45.214	29.12	8.9	8.16	4.5	3.129	95.3
1446	12/11/2008 12:01	10.2	45.234	29.13	8.92	8.17	4.3	2.995	95.6
1447	12/11/2008 12:16	10.23	45.059	29.01	8.98	8.17	5.2	2.857	96.3
1448	12/11/2008 12:31	10.29	44.968	28.95	9.09	8.19	4.3	2.724	97.5
1449	12/11/2008 12:46	10.31	45.026	28.99	9.11	8.19	4.9	2.578	97.8
1450	12/11/2008 13:01	10.36	44.901	28.9	9.37	8.21	5.4	2.406	100.6
1451	12/11/2008 13:16	10.44	45.012	28.99	9.34	8.2	5.6	2.27	100.6
1452	12/11/2008 13:31	10.46	45.388	29.26	9.43	8.21	3.8	2.121	101.8
1453	12/11/2008 13:46	10.57	45.359	29.24	9.54		3.2	1.944	103.2
1454	12/11/2008 14:01	10.58	45.059	29.03	9.72	8.24	4.2	1.781	105
1455	12/11/2008 14:16	10.6	45.064	29.03	9.82	8.25	4.7	1.632	106.1
1456	12/11/2008 14:31	10.61	44.745	28.81	9.9	8.26	5.9	1.455	106.8
1457	12/11/2008 14:46	10.67	44.842	28.88	9.94	8.27	5.6	1.274	107.5
1458	12/11/2008 15:01	10.64	44.861	28.89	9.91	8.27	4.7	1.084	107
1459	12/11/2008 15:16	10.61	44.958	28.96	9.97	8.28	4.9	0.917	107.7
1460	12/11/2008 15:31	10.59	44.996	28.98	10.02	8.29	5.1	0.755	108.2
1461	12/11/2008 15:46	10.58	44.769	28.82	10.1	8.3	5.4	0.594	108.9
1462	12/11/2008 16:01	10.58	44.963	28.96	10.06	8.3	4.7	0.464	108.6
1463	12/11/2008 16:16	10.59	44.714	28.78	10.05	8.31	3.3	0.354	108.4
1464	12/11/2008 16:31	10.53	44.87	28.89	10.16	8.31	5.4	0.309	109.5
1465	12/11/2008 16:46	10.53	44.971	28.96	10.12	8.31	4.8	0.329	109.1
1466	12/11/2008 17:01	10.4	44.914	28.91	10.2	8.33	4.7	0.394	109.6
1467	12/11/2008 17:16	10.44	44.805	28.84	10.16	8.31	4.8	0.493	109.2
1468	12/11/2008 17:31	10.33	44.761	28.8	10.17	8.33	4.7	0.614	109.1
1469	12/11/2008 17:46	10.31	44.996	28.97	10.18	8.33	4.6	0.699	109.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1470	12/11/2008 18:01	10.33	44.828	28.85	10.11	8.32	4.3	0.75	108.5
1471	12/11/2008 18:16	10.06	44.945	28.92	10.03	8.34	4.8	0.833	107
1472	12/11/2008 18:31	9.9	44.4	28.52	9.98	8.34	4.9	0.888	105.9
1473	12/11/2008 18:46	9.99	44.516	28.61	10	8.34	4.7	0.954	106.3
1474	12/11/2008 19:01	9.96	45.389	29.23	9.96	8.33	4.9	1.046	106.3
1475	12/11/2008 19:16	10.06	44.359	28.5	9.93	8.28	4.9	1.147	105.6
1476	12/11/2008 19:31	10.14	44.62	28.69	9.89	8.3	4.9	1.248	105.6
1477	12/11/2008 19:46	10.17	45.041	28.99	9.85	8.29	5.4	1.364	105.4
1478	12/11/2008 20:01	10.22	45.218	29.12	9.83	8.3	5.1	1.475	105.5
1479	12/11/2008 20:16	10.25	45.101	29.04	9.8	8.29	5.1	1.595	105.1
1480	12/11/2008 20:31	10.25	44.949	28.93	9.72	8.28	5.8	1.719	104.2
1481	12/11/2008 20:46	10.28	45.145	29.07	9.64	8.28	7.2	1.84	103.4
1482	12/11/2008 21:01	10.31	44.916	28.91	9.63	8.27	7.5	1.956	103.3
1483	12/11/2008 21:16	10.32	45.471	29.31	9.53	8.25	7.1	2.052	102.6
1484	12/11/2008 21:31	10.32	45.518	29.34	9.46	8.25	7.2	2.158	101.8
1485	12/11/2008 21:46	10.32	45.783	29.53	9.4	8.25	8.9	2.251	101.3
1486	12/11/2008 22:01	10.32	47.146	30.51	9.25	8.23	8.2	2.343	100.3
1487	12/11/2008 22:16	10.31	47.099	30.47	9.16		9.1	2.417	99.2
1488	12/11/2008 22:31	10.3	46.126	29.77	9.18	8.17	9	2.508	99
1489	12/11/2008 22:46	10.3	45.79	29.53	9.17	8.21	9.3	2.578	98.7
1490	12/11/2008 23:01	10.31	46.264	29.87	9.14	8.15	7.8	2.634	98.7
1491	12/11/2008 23:16	10.31	46.568	30.09	9.09	8.15	6.6	2.694	98.3
1492	12/11/2008 23:31	10.3	46.642	30.14	9.04	8.15	5	2.752	97.8
1493	12/11/2008 23:46	10.29	46.665	30.16	9.01	8.19	4.9	2.794	97.4
1494	12/12/2008 0:01	10.25	46.793	30.25	9.03	8.21	4.3	2.808	97.6
1495	12/12/2008 0:16	10.28	46.42	29.98	8.96	8.2	3.7	2.811	96.7
1496	12/12/2008 0:31	10.29	46.514	30.05	8.97		4.2	2.802	96.9
1497	12/12/2008 0:46	10.29	46.98	30.38	8.97	8.19	4.2	2.761	97.1
1498	12/12/2008 1:01	10.23	46.453	30	8.94	8.2	4.8	2.708	96.4
1499	12/12/2008 1:16	10.19	46.988	30.38	8.95	8.21	5	2.637	96.7
1500	12/12/2008 1:31	10.23	46.494	30.03	9.02	8.21	5.5	2.574	97.4
1501	12/12/2008 1:46	10.2	45.878	29.59	9.08	8.22	5.7	2.494	97.6
1502	12/12/2008 2:01	10.18	45.531	29.34	9.1	8.23	5.2	2.402	97.6
1503	12/12/2008 2:16	10.16	45.99	29.67	9.04	8.22	4.3	2.342	97.1
1504	12/12/2008 2:31	10.13	46.377	29.94	9.01	7.89	4.4	2.271	97
1505	12/12/2008 2:46	10.13	46.377	29.94	9.01	8.18	4.2	2.211	96.9
1506	12/12/2008 3:01	10.13	45.734	29.48	9.01	8.23	3.7	2.136	96.6
1507	12/12/2008 3:16	10.13	45.975	29.66	9.02	8.24	3.8	2.095	96.9
1508	12/12/2008 3:31	10.14	46.3	29.89	9.01	8.24	4	2.033	97
1509	12/12/2008 3:46	10.15	46.374	29.94	9.03	8.24	3.7	1.99	97.1
1510	12/12/2008 4:01	10.15	46.341	29.92	9.02	8.24	3.7	1.954	97
1511	12/12/2008 4:16	10.17	45.885	29.59	9.1	8.25	3.6	1.921	97.7
1512	12/12/2008 4:31	10.16	46.053	29.71	9.08	8.25	3.6	1.923	97.6
1513	12/12/2008 4:46	10.13	45.846	29.56	9.1	8.25	3.5	1.933	97.7
1514	12/12/2008 5:01	10.14	46.298	29.89	9.09	8.25	3.7	1.967	97.8
1515	12/12/2008 5:16	10.16	46.625	30.12	9.11	8.21	4	2.009	98.2
1516	12/12/2008 5:31	10.17	46.211	29.83	9.15	8.25	4.5	2.076	98.4
1517	12/12/2008 5:46	10.1	46.037	29.7	9.14	8.25	6.3	2.141	98.1
1518	12/12/2008 6:01	10.11	46.283	29.88	9.11		6.5	2.224	97.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1519	12/12/2008 6:16	10.13	46.245	29.85	9.06	8.23	5.7	2.301	97.4
1520	12/12/2008 6:31	10.14	46.113	29.76	9.06	8.23	5.4	2.393	97.4
1521	12/12/2008 6:46	10.2	46.695	30.18	9.04	8.21	5.3	2.473	97.5
1522	12/12/2008 7:01	10.25	46.731	30.2	9.04	7.87	5.9	2.561	97.7
1523	12/12/2008 7:16	10.26	46.189	29.82	9.06		6.1	2.647	97.7
1524	12/12/2008 7:31	10.28	45.887	29.6	9.06	7.86	6.8	2.737	97.5
1525	12/12/2008 7:46	10.29	46.144	29.79	9.03	8.19	7.4	2.835	97.4
1526	12/12/2008 8:01	10.32	46.128	29.78	9.02	8.18	7.3	2.929	97.3
1527	12/12/2008 8:16	10.32	46.04	29.71	8.98	8.14	8.5	3.037	96.8
1528	12/12/2008 8:31	10.32	46.936	30.35	8.91	7.84	7.8	3.137	96.5
1529	12/12/2008 8:46	10.34	46.455	30.01	8.93	8.23	8	3.243	96.5
1530	12/12/2008 9:01	10.36	46.527	30.06	8.93	8.23	7	3.341	96.6
1531	12/12/2008 9:16	10.37	46.109	29.77	8.96	8.11	6.8	3.429	96.8
1532	12/12/2008 9:31	10.38	46.563	30.09	8.97	8.13	5.6	3.519	97.2
1533	12/12/2008 9:46	10.39	46.181	29.82	9	8.19	5.8	3.602	97.3
Mean		11.11	47.72	30.97	9.33	8.21	3.29	2.22	103.26
Minimum		9.90	42.50	27.21	8.14	7.77	1.00	0.31	90.70
Maximum		11.99	50.61	33.05	10.43	8.42	53.00	3.73	118.00
Standard Dev.		0.45	2.20	1.60	0.48	0.07	1.77	0.66	5.92

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					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	12/12/2008 10:16	10.32	50.089	32.63	9.22			3.008	101.3
1	12/12/2008 10:31	10.33	50.109	32.64	9		8.3	3.054	98.9
2	12/12/2008 10:46	10.31	50.129	32.66	8.99		6	3.055	98.9
3	12/12/2008 11:01	10.28	50.125	32.65	8.98		4.7	3.052	98.6
4	12/12/2008 11:16	10.27	50.131	32.65	8.98		4.4	3.019	98.6
5	12/12/2008 11:31	10.28	50.106	32.64	8.96		3.1	2.956	98.4
6	12/12/2008 11:46	10.3	50.042	32.59	8.87		4	2.852	97.4
7	12/12/2008 12:01	10.32	49.991	32.56	8.81		4.1	2.749	96.8
8	12/12/2008 12:16	10.34	49.968	32.54	8.8		3.7	2.64	96.6
9	12/12/2008 12:31	10.34	49.948	32.53	8.8		4	2.511	96.7
10	12/12/2008 12:46	10.34	49.886	32.48	8.81		3.7	2.358	96.8
11	12/12/2008 13:01	10.34	49.814	32.43	8.83		3.4	2.214	96.9
12	12/12/2008 13:16	10.34	49.752	32.38	8.85		3.1	2.086	97.2
13	12/12/2008 13:31	10.34	49.676	32.33	8.87		3.1	1.932	97.3
14	12/12/2008 13:46	10.34	49.589	32.27	8.93		2.9	1.766	97.9
15	12/12/2008 14:01	10.35	49.54	32.23	8.98		3.9	1.606	98.5
16	12/12/2008 14:16	10.36	49.496	32.2	9		3.1	1.46	98.8
17	12/12/2008 14:31	10.37	49.435	32.16	9.08		3.5	1.263	99.6
18	12/12/2008 14:46	10.37	49.418	32.14	9.11		3.8	1.115	100
19	12/12/2008 15:01	10.37	49.343	32.09	9.12		3.9	0.945	100
20	12/12/2008 15:16	10.36	49.282	32.05	9.15		4.9	0.752	100.3
21	12/12/2008 15:31	10.36	49.283	32.05	9.17		5.4	0.583	100.5
22	12/12/2008 15:46	10.35	49.284	32.05	9.19		5.4	0.417	100.7
23	12/12/2008 16:01	10.34	49.259	32.03	9.13		4.9	0.227	100
24	12/12/2008 16:16	10.34	49.274	32.04	9.1		8.3	0.17	99.7
25	12/12/2008 16:31	10.34	49.245	32.02	9.09		6.9	0.001	99.6
26	12/12/2008 16:46								
27	12/12/2008 17:01								
28	12/12/2008 17:16								
29	12/12/2008 17:31								
30	12/12/2008 17:46								
31	12/12/2008 18:01								
32	12/12/2008 18:16								
33	12/12/2008 18:31								
34	12/12/2008 18:46	10.23	49.411	32.13	9.23		3.5	0.054	100.9
35	12/12/2008 19:01	10.23	49.426	32.14	9.22		3.2	0.13	100.8
36	12/12/2008 19:16	10.23	49.415	32.13	9.18		2.9	0.205	100.4
37	12/12/2008 19:31	10.2	49.409	32.13	9.16		2.6	0.265	100.1
38	12/12/2008 19:46	10.13	49.383	32.1	9.18		2.9	0.371	100.2
39	12/12/2008 20:01	10.08	49.296	32.04	9.27		3.8	0.481	101
40	12/12/2008 20:16	10.09	49.291	32.04	9.27		3.1	0.576	100.9
41	12/12/2008 20:31	10.11	49.331	32.07	9.29		2.4	0.693	101.2
42	12/12/2008 20:46	10.14	49.399	32.12	9.32		3	0.825	101.6
43	12/12/2008 21:01	10.18	49.478	32.18	9.33		3.2	0.949	101.9
44	12/12/2008 21:16	10.19	49.562	32.24	9.31		3.5	1.073	101.8
45	12/12/2008 21:31	10.18	49.578	32.25	9.31		4	1.199	101.7
46	12/12/2008 21:46	10.18	49.587	32.25	9.32		5.3	1.33	101.9
47	12/12/2008 22:01	10.18	49.583	32.25	9.33		4.5	1.44	102
48	12/12/2008 22:16	10.19	49.623	32.28	9.31		5.7	1.544	101.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
49	12/12/2008 22:31	10.19	49.656	32.31	9.28		5.7	1.651	101.5
50	12/12/2008 22:46	10.2	49.69	32.33	9.23		7.2	1.749	101
51	12/12/2008 23:01	10.21	49.748	32.37	9.17		4.4	1.859	100.4
52	12/12/2008 23:16	10.23	49.853	32.45	9.08		3.3	1.923	99.5
53	12/12/2008 23:31	10.24	49.952	32.52	9.06		3.7	1.997	99.3
54	12/12/2008 23:46	10.23	50.02	32.57	9.05		3.2	2.085	99.2
55	12/13/2008 0:01	10.23	50.038	32.58	9.04		3	2.167	99.1
56	12/13/2008 0:16	10.22	50.053	32.59	8.99		2.3	2.201	98.6
57	12/13/2008 0:31	10.21	50.043	32.59	8.97		2	2.249	98.3
58	12/13/2008 0:46	10.18	50.07	32.6	8.95		2.4	2.297	98
59	12/13/2008 1:01	10.15	50.055	32.59	8.88		2.9	2.33	97.2
60	12/13/2008 1:16	10.1	50.008	32.55	8.94		3.4	2.307	97.7
61	12/13/2008 1:31	10.06	50.005	32.55	8.94		3.2	2.234	97.7
62	12/13/2008 1:46	10.04	49.977	32.53	8.89		1.5	2.225	97.1
63	12/13/2008 2:01	10.04	50.054	32.58	8.89		5.6	2.155	97.1
64	12/13/2008 2:16	10.02	50.061	32.59	8.94		7.7	2.079	97.6
65	12/13/2008 2:31	10.02	50.03	32.56	8.93		7.8	1.999	97.5
66	12/13/2008 2:46	10.01	49.947	32.5	8.89		6.7	1.925	96.9
67	12/13/2008 3:01	10	49.863	32.44	8.91		5.5	1.84	97.1
68	12/13/2008 3:16	10.01	49.793	32.39	8.84		1.8	1.8	96.4
69	12/13/2008 3:31	10.01	49.711	32.33	8.9		2.3	1.709	97
70	12/13/2008 3:46	9.98	49.698	32.32	8.91		2.1	1.65	97
71	12/13/2008 4:01	9.96	49.667	32.3	8.93		1.9	1.604	97.1
72	12/13/2008 4:16	9.94	49.661	32.29	8.93		1.7	1.53	97.2
73	12/13/2008 4:31	9.9	49.676	32.3	8.9		2.1	1.501	96.7
74	12/13/2008 4:46	9.9	49.647	32.28	8.93		1.7	1.446	97
75	12/13/2008 5:01	9.88	49.634	32.27	8.91		1.8	1.434	96.7
76	12/13/2008 5:16	9.86	49.633	32.27	8.92		1.8	1.387	96.8
77	12/13/2008 5:31	9.84	49.621	32.26	8.86		1.3	1.392	96.1
78	12/13/2008 5:46	9.84	49.629	32.26	8.79		1.6	1.373	95.4
79	12/13/2008 6:01	9.8	49.649	32.27	8.76		2.1	1.401	95
80	12/13/2008 6:16	9.76	49.679	32.29	8.91		5.4	1.465	96.5
81	12/13/2008 6:31	9.78	49.675	32.29	9.02		6.5	1.513	97.8
82	12/13/2008 6:46	9.79	49.679	32.3	9.05		7.2	1.566	98.1
83	12/13/2008 7:01	9.68	49.615	32.24	9.06		8.2	1.633	98
84	12/13/2008 7:16	9.73	49.611	32.24	9.05		7.8	1.755	98
85	12/13/2008 7:31	9.76	49.723	32.32	9.04		7.9	1.831	98
86	12/13/2008 7:46	9.79	49.743	32.34	9.02		7.9	1.903	97.8
87	12/13/2008 8:01	9.95	49.931	32.49	9.03		7.5	2.025	98.4
88	12/13/2008 8:16	9.99	49.986	32.53	9.03		7.8	2.133	98.5
89	12/13/2008 8:31	10.02	50.009	32.55	9.03		6.2	2.222	98.6
90	12/13/2008 8:46	10.03	50.098	32.61	9.02		5.1	2.304	98.5
91	12/13/2008 9:01	10.03	50.142	32.65	9.01		5.4	2.468	98.4
92	12/13/2008 9:16	10.03	50.166	32.66	9		7.3	2.554	98.3
93	12/13/2008 9:31	10.01	50.169	32.66	8.98		5.1	2.644	98
94	12/13/2008 9:46	9.98	50.183	32.67	8.98		4.6	2.748	97.9
95	12/13/2008 10:01	9.95	50.19	32.68	8.96		6.4	2.901	97.7
96	12/13/2008 10:16	9.96	50.21	32.69	9.03		3.5	2.968	98.5
97	12/13/2008 10:31	10.01	50.204	32.69	9.31		3.1	3.044	101.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
98	12/13/2008 10:46	10.02	50.223	32.7	9.32		2.3	3.104	101.8
99	12/13/2008 11:01	9.93	50.169	32.66	9.31		3	3.181	101.4
100	12/13/2008 11:16	9.9	50.121	32.62	9.23		2.2	3.2	100.5
101	12/13/2008 11:31	9.83	50.057	32.57	9.11		4.3	3.192	99
102	12/13/2008 11:46	9.85	50.056	32.57	9.05		3	3.19	98.5
103	12/13/2008 12:01	9.91	50.051	32.57	8.99		2.4	3.136	97.8
104	12/13/2008 12:16	9.98	50.108	32.62	8.99		1.6	3.075	98.1
105	12/13/2008 12:31	10.01	50.127	32.63	8.95		2	2.998	97.7
106	12/13/2008 12:46	9.99	50.161	32.66	9.08		2.5	2.895	99.1
107	12/13/2008 13:01	10.05	50.129	32.64	9.07		2.6	2.803	99.1
108	12/13/2008 13:16	10.06	50.145	32.65	9.13		2.9	2.701	99.8
109	12/13/2008 13:31	10.02	50.13	32.64	9.16		2.9	2.537	100
110	12/13/2008 13:46	9.96	50.12	32.63	9.1		3.9	2.445	99.2
111	12/13/2008 14:01	9.95	50.092	32.6	9.07		3.8	2.287	98.9
112	12/13/2008 14:16	9.94	50.05	32.57	9.06		3.6	2.181	98.7
113	12/13/2008 14:31	9.93	49.978	32.52	9.07		3.3	2.053	98.8
114	12/13/2008 14:46	9.92	49.912	32.47	9.08		3.7	1.915	98.8
115	12/13/2008 15:01	9.95	49.814	32.4	9.06		3.8	1.743	98.6
116	12/13/2008 15:16	9.94	49.834	32.42	9.07		3.7	1.578	98.7
117	12/13/2008 15:31	9.89	49.812	32.4	9.12		4.8	1.423	99.2
118	12/13/2008 15:46	9.86	49.795	32.38	9.14		5	1.248	99.3
119	12/13/2008 16:01	9.8	49.756	32.35	9.2		5.4	1.082	99.8
120	12/13/2008 16:16	9.74	49.669	32.28	9.16		6.7	0.89	99.2
121	12/13/2008 16:31	9.68	49.621	32.25	9.19		6.7	0.731	99.4
122	12/13/2008 16:46	9.65	49.555	32.2	9.13		6.8	0.574	98.6
123	12/13/2008 17:01	9.62	49.436	32.11	9.02		6.4	0.39	97.3
124	12/13/2008 17:16	9.7	48.857	31.7	8.81		3.5	0.194	94.9
125	12/13/2008 17:31	9.69	48.695	31.58	8.77		3.3	0.046	94.4
126	12/13/2008 17:46								
127	12/13/2008 18:01								
128	12/13/2008 18:16								
129	12/13/2008 18:31								
130	12/13/2008 18:46								
131	12/13/2008 19:01								
132	12/13/2008 19:16								
133	12/13/2008 19:31								
134	12/13/2008 19:46	8.78	48.545	31.41	9.16		6.3	0.12	96.5
135	12/13/2008 20:01	8.8	48.349	31.27	9.14		5.7	0.255	96.3
136	12/13/2008 20:16	8.82	48.33	31.25	9.16		6.1	0.3	96.5
137	12/13/2008 20:31	8.87	48.191	31.16	9.14		5.8	0.379	96.4
138	12/13/2008 20:46	8.87	47.919	30.96	9.15		6	0.494	96.3
139	12/13/2008 21:01	8.95	47.976	31.01	9.14		5.2	0.596	96.5
140	12/13/2008 21:16	9.11	48.394	31.32	9.12		5.1	0.703	96.8
141	12/13/2008 21:31	9.19	48.421	31.35	9.09		5.4	0.812	96.7
142	12/13/2008 21:46	9.34	48.606	31.49	9.14		4.9	0.94	97.6
143	12/13/2008 22:01	9.41	48.763	31.61	9.18		6.2	1.059	98.2
144	12/13/2008 22:16	9.41	48.84	31.66	9.2		6.6	1.202	98.5
145	12/13/2008 22:31	9.42	48.829	31.66	9.19		6.3	1.299	98.4
146	12/13/2008 22:46	9.47	48.933	31.74	9.18		6	1.448	98.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
147	12/13/2008 23:01	9.51	48.935	31.74	9.18		7.3	1.548	98.5
148	12/13/2008 23:16	9.57	48.958	31.76	9.2		8.3	1.663	98.9
149	12/13/2008 23:31	9.61	49.185	31.93	9.15		6.3	1.769	98.6
150	12/13/2008 23:46	9.65	49.249	31.98	9.2		6.1	1.856	99.2
151	12/14/2008 0:01	9.66	49.287	32	9.24		7	1.959	99.7
152	12/14/2008 0:16	9.68	49.246	31.97	9.31		7.1	2.056	100.5
153	12/14/2008 0:31	9.69	49.501	32.16	9.38		4.3	2.094	101.3
154	12/14/2008 0:46	9.73	49.583	32.22	9.51		5.3	2.207	102.9
155	12/14/2008 1:01	9.76	49.552	32.2	9.61		4.3	2.235	104
156	12/14/2008 1:16	9.77	49.55	32.2	9.61		3.1	2.268	104
157	12/14/2008 1:31	9.75	49.698	32.31	9.61		3.1	2.326	104.1
158	12/14/2008 1:46	9.56	49.678	32.28	9.62		4	2.36	103.7
159	12/14/2008 2:01	9.59	49.453	32.12	9.44		2.6	2.334	101.8
160	12/14/2008 2:16	9.6	49.58	32.21	9.37		2.2	2.303	101.1
161	12/14/2008 2:31	9.5	49.574	32.2	9.39		4.1	2.309	101.1
162	12/14/2008 2:46	9.4	49.528	32.16	9.23		3.7	2.209	99.1
163	12/14/2008 3:01	9.21	49.182	31.9	9.14		3.5	2.142	97.5
164	12/14/2008 3:16	9.31	49.265	31.96	9.09		3.2	2.075	97.2
165	12/14/2008 3:31	9.33	49.227	31.94	9.09		3.2	2.002	97.4
166	12/14/2008 3:46	9.28	49.376	32.04	9.09		3.7	1.932	97.3
167	12/14/2008 4:01	9.24	49.22	31.92	9.1		3.8	1.837	97.2
168	12/14/2008 4:16	9.22	49.307	31.99	9.06		3.4	1.764	96.7
169	12/14/2008 4:31	9.15	49.36	32.02	9		3.2	1.692	96
170	12/14/2008 4:46	9.11	49.135	31.85	8.99		3.5	1.637	95.7
171	12/14/2008 5:01	9.1	49.26	31.94	8.96		3	1.569	95.4
172	12/14/2008 5:16	9.07	49.167	31.87	8.94		3.3	1.532	95.1
173	12/14/2008 5:31	9.07	49.161	31.87	8.92		2.3	1.456	95
174	12/14/2008 5:46	9.04	48.992	31.75	8.91		2.4	1.422	94.6
175	12/14/2008 6:01	9.02	49.011	31.76	8.92		2.3	1.408	94.7
176	12/14/2008 6:16	9.02	49.046	31.78	8.92		2.5	1.363	94.7
177	12/14/2008 6:31	8.9	49.021	31.76	8.91		2.9	1.403	94.4
178	12/14/2008 6:46	8.88	48.894	31.66	8.9		2.9	1.351	94.2
179	12/14/2008 7:01	8.87	48.935	31.69	8.9		2.7	1.384	94.1
180	12/14/2008 7:16	8.92	49	31.74	8.83		1.8	1.426	93.5
181	12/14/2008 7:31	9.01	49.096	31.82	8.98		3.3	1.491	95.4
182	12/14/2008 7:46	8.98	49.053	31.79	9.03		5.1	1.572	95.8
183	12/14/2008 8:01	8.92	49.001	31.74	8.99		4.3	1.633	95.3
184	12/14/2008 8:16	9.05	49.102	31.83	9.05		3.8	1.711	96.2
185	12/14/2008 8:31	9.1	49.124	31.85	9.07		3.5	1.799	96.5
186	12/14/2008 8:46	9.21	49.104	31.84	9.09		4.2	1.909	96.9
187	12/14/2008 9:01	9.42	49.574	32.19	9.42		3.8	1.983	101.2
188	12/14/2008 9:16	9.51	49.484	32.13	9.51		5.2	2.124	102.4
189	12/14/2008 9:31	9.57	49.6	32.22	9.64		6.2	2.193	104
190	12/14/2008 9:46	9.65	49.644	32.26	9.78		6.8	2.331	105.7
191	12/14/2008 10:01	9.7	49.789	32.37	9.84		6.2	2.442	106.5
192	12/14/2008 10:16	9.73	49.778	32.36	9.95		7.8	2.569	107.8
193	12/14/2008 10:31	9.75	49.861	32.42	9.98		6.2	2.66	108.2
194	12/14/2008 10:46	9.75	49.93	32.47	10.01		4.9	2.764	108.5
195	12/14/2008 11:01	9.75	50.053	32.56	10.02		4.5	2.865	108.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
196	12/14/2008 11:16	9.76	49.985	32.51	10		4.6	2.951	108.5
197	12/14/2008 11:31	9.78	50.068	32.58	9.93		4.8	3.044	107.9
198	12/14/2008 11:46	9.8	50.225	32.69	9.85		4.5	3.09	107.1
199	12/14/2008 12:01	9.77	50.115	32.61	9.83		3.7	3.145	106.8
200	12/14/2008 12:16	9.63	49.843	32.4	9.72		2.9	3.163	105.1
201	12/14/2008 12:31	9.58	50.051	32.55	9.61		3.1	3.167	103.8
202	12/14/2008 12:46	9.59	49.852	32.41	9.51		2.7	3.161	102.7
203	12/14/2008 13:01	9.66	49.959	32.49	9.62		3.8	3.11	104.1
204	12/14/2008 13:16	9.74	49.901	32.45	9.83		4.1	3.023	106.6
205	12/14/2008 13:31	9.77	49.988	32.52	9.88		3.7	2.935	107.2
206	12/14/2008 13:46	9.77	50.028	32.55	9.81		3.9	2.838	106.4
207	12/14/2008 14:01	9.74	49.943	32.48	9.86		3.9	2.714	106.9
208	12/14/2008 14:16	9.72	49.866	32.43	9.8		4	2.59	106.1
209	12/14/2008 14:31	9.72	49.805	32.38	9.79		5.2	2.451	106
210	12/14/2008 14:46	9.7	49.815	32.39	9.78		4.5	2.322	105.8
211	12/14/2008 15:01	9.67	49.684	32.29	9.68		4	2.184	104.7
212	12/14/2008 15:16	9.63	49.619	32.24	9.63		3.5	2.035	104
213	12/14/2008 15:31	9.61	49.38	32.07	9.59		3.9	1.875	103.4
214	12/14/2008 15:46	9.6	49.343	32.04	9.59		4.3	1.73	103.3
215	12/14/2008 16:01	9.6	49.31	32.02	9.43		4	1.569	101.6
216	12/14/2008 16:16	9.55	49.33	32.03	8.98		3.9	1.376	96.7
217	12/14/2008 16:31	9.51	49.381	32.06	9.37		4.7	1.225	100.8
218	12/14/2008 16:46	9.44	49.274	31.98	9.23		4.3	1.04	99.1
219	12/14/2008 17:01	9.34	49.063	31.82	9.32		5.6	0.878	99.8
220	12/14/2008 17:16	9.32	48.958	31.74	9.06		6.6	0.725	96.8
221	12/14/2008 17:31	9.32	48.557	31.45	8.96		6	0.534	95.6
222	12/14/2008 17:46	9.26	48.289	31.26	9.08		4.7	0.33	96.6
223	12/14/2008 18:01	9.18	48.317	31.27	9.05		2.6	0.177	96.2
224	12/14/2008 18:16	9.18	48.056	31.08	9		2.2	0.019	95.5
225	12/14/2008 18:31								
226	12/14/2008 18:46								
227	12/14/2008 19:01								
228	12/14/2008 19:16								
229	12/14/2008 19:31								
230	12/14/2008 19:46								
231	12/14/2008 20:01								
232	12/14/2008 20:16	8.27	49.015	31.7	9.33		6.1	0.022	97.4
233	12/14/2008 20:31	8.11	48.129	31.05	9.41		7.3	0.118	97.4
234	12/14/2008 20:46	8.03	47.647	30.7	9.43		7.5	0.206	97.3
235	12/14/2008 21:01	7.93	47.115	30.31	9.44		6.7	0.286	96.9
236	12/14/2008 21:16	7.9	46.897	30.16	9.44		5.6	0.356	96.8
237	12/14/2008 21:31	8.01	47.179	30.37	9.36		5.3	0.484	96.3
238	12/14/2008 21:46	8.39	48.258	31.17	9.33		4.6	0.583	97.4
239	12/14/2008 22:01	8.42	48.37	31.25	9.34		4.7	0.702	97.6
240	12/14/2008 22:16	8.47	48.541	31.38	9.37		5.1	0.809	98
241	12/14/2008 22:31	8.67	48.948	31.69	9.38		4.6	0.938	98.8
242	12/14/2008 22:46	8.79	49.11	31.81	9.39		4.5	1.07	99.3
243	12/14/2008 23:01	8.84	49.277	31.94	9.45		5	1.204	100
244	12/14/2008 23:16	8.85	49.304	31.96	9.47		5.5	1.333	100.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
245	12/14/2008 23:31	8.93	49.377	32.01	9.46		6.2	1.442	100.5
246	12/14/2008 23:46	8.98	49.413	32.04	9.48		6	1.555	100.7
247	12/15/2008 0:01	9.07	49.453	32.08	9.47		6.2	1.658	100.9
248	12/15/2008 0:16	9.17	49.505	32.12	9.53		6.7	1.753	101.8
249	12/15/2008 0:31	9.25	49.724	32.29	9.61		6.8	1.86	102.9
250	12/15/2008 0:46	9.28	49.805	32.35	9.64		6.7	1.958	103.3
251	12/15/2008 1:01	9.34	49.915	32.43	9.61		6.2	2.035	103.2
252	12/15/2008 1:16	9.38	50.023	32.51	9.57		6	2.13	103
253	12/15/2008 1:31	9.4	50.075	32.55	9.55		5.3	2.211	102.8
254	12/15/2008 1:46	9.42	50.066	32.55	9.51		5.4	2.294	102.4
255	12/15/2008 2:01	9.44	50.115	32.58	9.46		4.1	2.336	102
256	12/15/2008 2:16	9.42	50.178	32.63	9.42		3.6	2.387	101.5
257	12/15/2008 2:31	9.34	50.177	32.62	9.36		3.5	2.432	100.6
258	12/15/2008 2:46	9.3	50.13	32.59	9.27		2.9	2.427	99.6
259	12/15/2008 3:01	9.28	50.105	32.57	9.23		2.3	2.399	99.1
260	12/15/2008 3:16	9.27	50.105	32.57	9.15		2.2	2.362	98.3
261	12/15/2008 3:31	9.23	50.102	32.56	9.24		4.6	2.302	99.1
262	12/15/2008 3:46	9	49.818	32.34	9.34		4.5	2.238	99.5
263	12/15/2008 4:01	9.07	49.878	32.39	9.35		4.6	2.147	99.8
264	12/15/2008 4:16	9.07	49.872	32.38	9.4		5.4	2.055	100.3
265	12/15/2008 4:31	9.05	49.81	32.34	9.4		4.9	1.982	100.3
266	12/15/2008 4:46	9	49.837	32.35	9.34		4.2	1.882	99.5
267	12/15/2008 5:01	8.87	49.674	32.22	9.31		3.8	1.796	98.9
268	12/15/2008 5:16	8.8	49.663	32.21	9.27		3.4	1.727	98.3
269	12/15/2008 5:31	8.79	49.593	32.16	9.23		3.2	1.644	97.8
270	12/15/2008 5:46	8.8	49.541	32.12	9.19		2.6	1.593	97.4
271	12/15/2008 6:01	8.76	49.502	32.09	9.17		2.7	1.531	97.1
272	12/15/2008 6:16	8.69	49.482	32.07	9.18		3.2	1.48	96.9
273	12/15/2008 6:31	8.73	49.369	31.99	9.14		2.3	1.417	96.6
274	12/15/2008 6:46	8.74	49.395	32.01	9.08		2.2	1.383	96
275	12/15/2008 7:01	8.69	49.359	31.98	9.06		2.3	1.345	95.6
276	12/15/2008 7:16	8.62	49.346	31.97	9.05		2	1.341	95.4
277	12/15/2008 7:31	8.52	49.335	31.95	9.03		1.9	1.335	94.9
278	12/15/2008 7:46	8.45	49.209	31.85	9.02		2.2	1.341	94.7
279	12/15/2008 8:01	8.39	49.249	31.88	9.05		2.1	1.381	94.9
280	12/15/2008 8:16	8.44	49.284	31.91	9.16		5.1	1.418	96.1
281	12/15/2008 8:31	8.5	49.314	31.93	9.21		3.7	1.483	96.8
282	12/15/2008 8:46	8.35	49.02	31.71	9.27		4.6	1.547	97
283	12/15/2008 9:01	8.46	49.057	31.75	9.24		3.6	1.629	96.9
284	12/15/2008 9:16	8.66	49.323	31.95	9.32		3.7	1.714	98.3
285	12/15/2008 9:31	8.74	49.481	32.07	9.35		3.7	1.814	98.9
286	12/15/2008 9:46	8.91	49.561	32.15	9.38		3.7	1.888	99.7
287	12/15/2008 10:01	9.01	49.794	32.32	9.41		4.1	1.987	100.3
288	12/15/2008 10:16	9.08	49.88	32.39	9.41		4.5	2.099	100.4
289	12/15/2008 10:31	9.15	49.944	32.44	9.38		4.9	2.179	100.3
290	12/15/2008 10:46	9.23	49.991	32.48	9.36		4.9	2.274	100.3
291	12/15/2008 11:01	9.29	50.056	32.53	9.34		4.8	2.384	100.3
292	12/15/2008 11:16	9.35	50.118	32.58	9.33		5.7	2.486	100.3
293	12/15/2008 11:31	9.39	50.188	32.63	9.3		5.1	2.56	100.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
294	12/15/2008 11:46	9.4	50.205	32.65	9.28		4.6	2.647	99.9
295	12/15/2008 12:01	9.41	50.24	32.67	9.26		4.2	2.735	99.7
296	12/15/2008 12:16	9.42	50.253	32.68	9.23		3.4	2.804	99.5
297	12/15/2008 12:31	9.45	50.295	32.72	9.24		3.2	2.862	99.7
298	12/15/2008 12:46	9.47	50.297	32.72	9.2		3.2	2.917	99.3
299	12/15/2008 13:01	9.41	50.313	32.73	9.19		2.6	2.945	99.1
300	12/15/2008 13:16	9.38	50.281	32.7	9.11		2.1	2.969	98.1
301	12/15/2008 13:31	9.35	50.277	32.7	9.06		1.6	2.968	97.5
302	12/15/2008 13:46	9.32	50.268	32.69	9.02		1.8	2.954	97.1
303	12/15/2008 14:01	9.31	50.215	32.65	9.04		2.1	2.904	97.2
304	12/15/2008 14:16	9.39	50.167	32.62	8.98		3.5	2.835	96.7
305	12/15/2008 14:31	9.35	50.229	32.66	9.17		3.7	2.769	98.7
306	12/15/2008 14:46	9.36	50.206	32.64	9.26		3.4	2.652	99.6
307	12/15/2008 15:01	9.35	50.186	32.63	9.22		3.1	2.525	99.2
308	12/15/2008 15:16	9.28	50.117	32.57	9.3		3.7	2.411	99.9
309	12/15/2008 15:31	9.24	50.084	32.55	9.34		4.5	2.267	100.2
310	12/15/2008 15:46	9.24	50.025	32.51	9.18		4.5	2.143	98.5
311	12/15/2008 16:01	9.2	49.873	32.39	9.08		3.7	2.009	97.2
312	12/15/2008 16:16	9.1	49.767	32.31	9.09		3.1	1.872	97.1
313	12/15/2008 16:31	9.09	49.428	32.06	8.98		2.6	1.728	95.7
314	12/15/2008 16:46	9.11	49.214	31.91	9.02		2.4	1.569	96.1
315	12/15/2008 17:01	8.96	49.42	32.05	9.08		3.8	1.433	96.4
316	12/15/2008 17:16	9.05	49.141	31.85	8.87		2	1.27	94.3
317	12/15/2008 17:31	8.85	49.344	31.98	9.22		3.7	1.103	97.7
318	12/15/2008 17:46	8.66	49.301	31.94	9.3		4.8	0.943	98.1
319	12/15/2008 18:01	8.7	48.765	31.56	9.09		4.7	0.775	95.7
320	12/15/2008 18:16	8.69	48.178	31.14	9.07		3.4	0.612	95.3
321	12/15/2008 18:31	8.69	47.407	30.58	9.09		3.4	0.454	95.1
322	12/15/2008 18:46	8.65	46.918	30.23	9.17		2.7	0.275	95.6
323	12/15/2008 19:01	8.6	46.647	30.03	9.18		3.1	0.143	95.5
324	12/15/2008 19:16	8.55	46.492	29.92	9.14		2.7	0.016	94.9
325	12/15/2008 19:31								
326	12/15/2008 19:46								
327	12/15/2008 20:01								
328	12/15/2008 20:16								
329	12/15/2008 20:31								
330	12/15/2008 20:46	8.07	46.452	29.85	8.6		1.3	0.026	88.3
331	12/15/2008 21:01	7.91	46.777	30.07	8.32		1.2	0.132	85.2
332	12/15/2008 21:16	7.28	47.281	30.38	8.99		4.3	0.224	91
333	12/15/2008 21:31	7.28	46.292	29.67	9.45		4.2	0.304	95.1
334	12/15/2008 21:46	7.47	46.947	30.16	9.5		3.7	0.396	96.4
335	12/15/2008 22:01	7.59	47.354	30.46	9.49		3.5	0.483	96.8
336	12/15/2008 22:16	7.64	47.338	30.45	9.49		3.7	0.569	96.9
337	12/15/2008 22:31	7.64	47.159	30.32	9.5		3.9	0.673	96.9
338	12/15/2008 22:46	7.67	47.119	30.3	9.48		3.8	0.791	96.7
339	12/15/2008 23:01	7.67	46.963	30.18	9.49		3.8	0.908	96.7
340	12/15/2008 23:16	7.93	47.668	30.71	9.46		3.7	1.024	97.4
341	12/15/2008 23:31	8.07	48.306	31.18	9.5		4	1.142	98.4
342	12/15/2008 23:46	8.08	48.421	31.26	9.55		4.3	1.263	99

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
343	12/16/2008 0:01	8.17	48.795	31.53	9.54		5.3	1.393	99.3
344	12/16/2008 0:16	8.25	48.909	31.62	9.53		4.5	1.496	99.4
345	12/16/2008 0:31	8.35	49.039	31.72	9.51		5	1.599	99.5
346	12/16/2008 0:46	8.44	49.155	31.82	9.49		4.9	1.711	99.6
347	12/16/2008 1:01	8.57	49.213	31.87	9.47		5.2	1.814	99.7
348	12/16/2008 1:16	8.68	49.442	32.04	9.48		5.6	1.909	100.1
349	12/16/2008 1:31	8.77	49.598	32.16	9.49		5.3	1.994	100.5
350	12/16/2008 1:46	8.83	49.73	32.26	9.5		4.2	2.09	100.8
351	12/16/2008 2:01	8.87	49.812	32.32	9.47		4.7	2.181	100.6
352	12/16/2008 2:16	8.9	49.852	32.35	9.42		4.5	2.254	100.2
353	12/16/2008 2:31	8.96	49.873	32.37	9.35		3.3	2.338	99.6
354	12/16/2008 2:46	9	49.929	32.42	9.33		2.4	2.394	99.4
355	12/16/2008 3:01	9.02	49.947	32.43	9.23		2.1	2.439	98.4
356	12/16/2008 3:16	9.03	49.956	32.44	9.16		2	2.464	97.7
357	12/16/2008 3:31	8.88	49.85	32.35	9.19		6.8	2.463	97.7
358	12/16/2008 3:46	8.87	49.838	32.34	9.13		4.5	2.447	97
359	12/16/2008 4:01	8.86	49.861	32.36	9.06		2.6	2.396	96.3
360	12/16/2008 4:16	8.78	49.898	32.38	9.16		3.1	2.343	97.1
361	12/16/2008 4:31	8.5	49.656	32.18	9.29		3.2	2.267	97.8
362	12/16/2008 4:46	8.55	49.65	32.18	9.3		3.6	2.177	98
363	12/16/2008 5:01	8.55	49.639	32.17	9.31		3.7	2.093	98.1
364	12/16/2008 5:16	8.51	49.617	32.15	9.29		3.4	1.996	97.8
365	12/16/2008 5:31	8.47	49.494	32.06	9.27		3.2	1.92	97.4
366	12/16/2008 5:46	8.38	49.42	32	9.26		3.3	1.835	97.1
367	12/16/2008 6:01	8.34	49.319	31.93	9.23		2.9	1.759	96.7
368	12/16/2008 6:16	8.29	49.259	31.88	9.17		2.3	1.685	95.9
369	12/16/2008 6:31	8.29	49.116	31.78	9.12		1.7	1.611	95.3
370	12/16/2008 6:46	8.27	48.99	31.68	9.13		2.4	1.533	95.3
371	12/16/2008 7:01	8.15	49.092	31.75	9.23		3.1	1.479	96.2
372	12/16/2008 7:16	8.17	48.879	31.59	9.15		2.4	1.425	95.2
373	12/16/2008 7:31	8.05	48.913	31.61	9.22		3.6	1.363	95.7
374	12/16/2008 7:46	8.05	48.844	31.56	9.16		2.3	1.327	95
375	12/16/2008 8:01	8.06	48.658	31.43	9.08		2	1.295	94.2
376	12/16/2008 8:16	7.98	48.601	31.38	9.07		1.8	1.282	93.9
377	12/16/2008 8:31	7.72	48.644	31.39	9.12		1.8	1.277	93.8
378	12/16/2008 8:46	7.67	48.619	31.36	9.13		1	1.291	93.8
379	12/16/2008 9:01	7.6	48.611	31.35	9.13		1.2	1.335	93.7
380	12/16/2008 9:16	7.6	48.599	31.34	9.08		1.9	1.381	93.2
381	12/16/2008 9:31	7.7	48.665	31.4	9.15		2.6	1.438	94.1
382	12/16/2008 9:46	7.59	48.507	31.28	9.35		2.9	1.515	95.9
383	12/16/2008 10:01	7.58	48.313	31.14	9.36		3.4	1.594	95.8
384	12/16/2008 10:16	7.87	48.589	31.36	9.35		3.4	1.673	96.5
385	12/16/2008 10:31	8.03	48.902	31.6	9.35		3.1	1.754	97
386	12/16/2008 10:46	8.19	49.073	31.74	9.33		2.9	1.833	97.2
387	12/16/2008 11:01	8.42	49.315	31.93	9.37		2.6	1.916	98.3
388	12/16/2008 11:16	8.55	49.494	32.07	9.39		2.3	1.991	98.9
389	12/16/2008 11:31	8.6	49.572	32.13	9.39		2.9	2.072	99.1
390	12/16/2008 11:46	8.7	49.617	32.17	9.38		2.8	2.152	99.2
391	12/16/2008 12:01	8.76	49.639	32.19	9.37		3	2.239	99.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
392	12/16/2008 12:16	8.84	49.717	32.25	9.36		2.6	2.318	99.4
393	12/16/2008 12:31	8.92	49.766	32.29	9.35		2.7	2.395	99.4
394	12/16/2008 12:46	9.01	49.852	32.36	9.32		2.6	2.477	99.4
395	12/16/2008 13:01	9.09	49.952	32.44	9.32		2.2	2.536	99.6
396	12/16/2008 13:16	9.15	50.005	32.48	9.31		2.3	2.61	99.7
397	12/16/2008 13:31	9.18	50.044	32.51	9.31		1.9	2.667	99.7
398	12/16/2008 13:46	9.21	50.056	32.53	9.26		1.3	2.7	99.3
399	12/16/2008 14:01	9.22	50.078	32.54	9.26		2	2.736	99.3
400	12/16/2008 14:16	9.21	50.057	32.53	9.18		1	2.749	98.4
401	12/16/2008 14:31	9.2	50.067	32.53	9.08		0.9	2.738	97.3
402	12/16/2008 14:46	9.19	50.065	32.53	8.96		0.6	2.701	96
403	12/16/2008 15:01	9.18	50.026	32.5	8.98		0.6	2.651	96.2
404	12/16/2008 15:16	9.18	49.996	32.48	9.14		3.3	2.584	97.8
405	12/16/2008 15:31	9.11	49.923	32.42	9.43		2.3	2.497	100.8
406	12/16/2008 15:46	9.06	49.8	32.33	9.42		2.4	2.392	100.5
407	12/16/2008 16:01	8.97	49.709	32.26	9.57		2.4	2.288	101.9
408	12/16/2008 16:16	8.92	49.657	32.21	9.51		2.8	2.184	101.1
409	12/16/2008 16:31	8.88	49.61	32.18	9.42		2.4	2.064	100
410	12/16/2008 16:46	8.78	49.498	32.09	9.48		2.5	1.937	100.3
411	12/16/2008 17:01	8.73	49.197	31.87	9.46		2.3	1.826	99.9
412	12/16/2008 17:16	8.71	48.802	31.58	8.99		2.6	1.704	94.8
413	12/16/2008 17:31	8.71	48.417	31.31	8.84		1.5	1.562	93
414	12/16/2008 17:46	8.67	48.461	31.34	9		2.7	1.43	94.6
415	12/16/2008 18:01	8.59	48.477	31.34	8.99		2.9	1.292	94.3
416	12/16/2008 18:16	8.44	48.189	31.12	9.08		3.5	1.133	94.8
417	12/16/2008 18:31	8.36	47.573	30.68	9.24		3.7	0.995	96
418	12/16/2008 18:46	8.33	47.212	30.42	9.12		4.2	0.847	94.6
419	12/16/2008 19:01	8.25	47.21	30.41	9.21		3.5	0.686	95.3
420	12/16/2008 19:16	8.29	46.847	30.15	9.04		2.7	0.538	93.4
421	12/16/2008 19:31	8.24	46.443	29.86	8.95		2	0.416	92.2
422	12/16/2008 19:46	8.22	46.132	29.64	8.89		2.2	0.283	91.4
423	12/16/2008 20:01	8.17	46.013	29.55	8.85		2.3	0.18	90.9
424	12/16/2008 20:16	8.11	45.869	29.44	8.84		2.4	0.096	90.7
425	12/16/2008 20:31	8.05	45.81	29.4	8.82		2.4	0.047	90.3
426	12/16/2008 20:46	8	45.844	29.42	8.75		2.2	0.057	89.5
427	12/16/2008 21:01	7.95	45.905	29.46	8.61		2.1	0.094	88
428	12/16/2008 21:16	7.9	45.981	29.51	8.49		1.4	0.158	86.7
429	12/16/2008 21:31	7.83	46.095	29.58	8.27		0.9	0.243	84.3
430	12/16/2008 21:46	7.73	46.231	29.67	8.02		0.6	0.322	81.6
431	12/16/2008 22:01	7.05	47.158	30.27	9.43		2.7	0.402	94.9
432	12/16/2008 22:16	7.14	46.76	29.99	10.07		2.8	0.483	101.3
433	12/16/2008 22:31	7.28	47.015	30.19	10.09		2.6	0.554	101.9
434	12/16/2008 22:46	7.39	47.29	30.39	10.07		2.6	0.648	102.2
435	12/16/2008 23:01	7.39	47.243	30.36	10.02		2.7	0.741	101.7
436	12/16/2008 23:16	7.42	47.106	30.26	9.99		2.7	0.814	101.3
437	12/16/2008 23:31	7.44	47.075	30.24	9.99		3	0.921	101.4
438	12/16/2008 23:46	7.51	47.159	30.31	9.95		2.9	1.039	101.2
439	12/17/2008 0:01	7.78	47.98	30.92	9.89		2.7	1.147	101.6
440	12/17/2008 0:16	7.88	48.233	31.11	9.82		2.8	1.256	101.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
441	12/17/2008 0:31	7.96	48.496	31.3	9.83		3	1.374	101.7
442	12/17/2008 0:46	7.95	48.499	31.3	9.8		3.3	1.483	101.3
443	12/17/2008 1:01	8.04	48.619	31.4	9.78		3.2	1.582	101.3
444	12/17/2008 1:16	8.12	48.779	31.52	9.76		3.2	1.691	101.4
445	12/17/2008 1:31	8.19	48.93	31.63	9.76		3.3	1.788	101.7
446	12/17/2008 1:46	8.26	49.051	31.72	9.72		3.5	1.881	101.4
447	12/17/2008 2:01	8.34	49.169	31.82	9.68		2.8	1.98	101.3
448	12/17/2008 2:16	8.46	49.292	31.92	9.61		2.7	2.062	100.9
449	12/17/2008 2:31	8.58	49.526	32.09	9.58		2.7	2.152	101
450	12/17/2008 2:46	8.6	49.624	32.17	9.58		2.4	2.229	101.1
451	12/17/2008 3:01	8.61	49.675	32.2	9.56		2.3	2.317	100.9
452	12/17/2008 3:16	8.65	49.685	32.21	9.49		2	2.391	100.2
453	12/17/2008 3:31	8.7	49.722	32.24	9.42		1.2	2.432	99.6
454	12/17/2008 3:46	8.71	49.808	32.31	9.35		1.8	2.484	98.9
455	12/17/2008 4:01	8.71	49.825	32.32	9.27		1.4	2.513	98.1
456	12/17/2008 4:16	8.69	49.839	32.33	9.23		1.2	2.516	97.7
457	12/17/2008 4:31	8.65	49.759	32.27	9.14		0.8	2.508	96.5
458	12/17/2008 4:46	8.63	49.753	32.26	9.01		0.5	2.475	95.2
459	12/17/2008 5:01	8.55	49.775	32.27	9.12		1.2	2.413	96.2
460	12/17/2008 5:16	8.05	49.534	32.05	9.39		2.4	2.356	97.8
461	12/17/2008 5:31	8.03	49.437	31.98	9.45		2.8	2.266	98.3
462	12/17/2008 5:46	8.03	49.445	31.99	9.47		2.7	2.182	98.5
463	12/17/2008 6:01	8.06	49.436	31.98	9.48		2.9	2.096	98.7
464	12/17/2008 6:16	8.03	49.383	31.94	9.47		2.8	1.998	98.5
465	12/17/2008 6:31	8	49.247	31.84	9.39		2	1.907	97.5
466	12/17/2008 6:46	7.88	49.148	31.76	9.46		3.4	1.828	97.9
467	12/17/2008 7:01	7.82	49.035	31.68	9.39		2.1	1.749	97
468	12/17/2008 7:16	7.79	48.902	31.58	9.32		1.9	1.671	96.2
469	12/17/2008 7:31	7.69	48.885	31.56	9.32		2.4	1.594	95.9
470	12/17/2008 7:46	7.69	48.976	31.62	9.57		3.5	1.52	98.6
471	12/17/2008 8:01	7.62	48.904	31.56	9.61		2.9	1.463	98.8
472	12/17/2008 8:16	7.52	48.791	31.47	9.52		2.5	1.383	97.6
473	12/17/2008 8:31	7.47	48.619	31.35	9.56		2.3	1.332	97.7
474	12/17/2008 8:46	7.49	48.559	31.3	9.39		1.3	1.296	96
475	12/17/2008 9:01	7.5	48.397	31.19	9.33		1.2	1.254	95.4
476	12/17/2008 9:16	7.46	48.341	31.15	9.32		1.3	1.23	95.2
477	12/17/2008 9:31	7.35	48.339	31.14	9.3		0.9	1.231	94.8
478	12/17/2008 9:46	7.11	48.289	31.08	9.33		1.2	1.249	94.5
479	12/17/2008 10:01	7.04	48.305	31.08	9.53		1.6	1.274	96.3
480	12/17/2008 10:16	7.04	48.277	31.06	9.59		1.5	1.323	96.9
481	12/17/2008 10:31	7.17	48.395	31.16	9.67		1.8	1.378	98.1
482	12/17/2008 10:46	7.1	48.31	31.09	9.75		2.3	1.447	98.7
483	12/17/2008 11:01	7.09	48.151	30.98	9.73		2.3	1.519	98.5
484	12/17/2008 11:16	7.26	48.246	31.06	9.69		2.1	1.587	98.4
485	12/17/2008 11:31	7.47	48.567	31.31	9.66		2	1.656	98.8
486	12/17/2008 11:46	7.62	48.718	31.43	9.62		2	1.723	98.8
487	12/17/2008 12:01	7.78	48.937	31.6	9.6		1.8	1.793	99
488	12/17/2008 12:16	7.99	49.12	31.75	9.6		1.7	1.856	99.6
489	12/17/2008 12:31	8.15	49.293	31.89	9.61		2	1.917	100.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
490	12/17/2008 12:46	8.2	49.339	31.93	9.61		1.8	1.99	100.3
491	12/17/2008 13:01	8.26	49.396	31.97	9.6		1.8	2.061	100.4
492	12/17/2008 13:16	8.34	49.431	32.01	9.61		1.6	2.12	100.7
493	12/17/2008 13:31	8.44	49.526	32.08	9.56		1.6	2.192	100.4
494	12/17/2008 13:46	8.49	49.585	32.13	9.55		1.5	2.258	100.5
495	12/17/2008 14:01	8.55	49.635	32.17	9.46		1.5	2.315	99.7
496	12/17/2008 14:16	8.6	49.674	32.2	9.47		1.2	2.369	100
497	12/17/2008 14:31	8.66	49.719	32.24	9.46		1.2	2.418	100
498	12/17/2008 14:46	8.71	49.753	32.27	9.41		1.3	2.457	99.6
499	12/17/2008 15:01	8.75	49.8	32.3	9.37		0.6	2.475	99.2
500	12/17/2008 15:16	8.76	49.81	32.31	9.3		0.5	2.478	98.5
501	12/17/2008 15:31	8.75	49.834	32.33	9.23		0.5	2.481	97.8
502	12/17/2008 15:46	8.74	49.807	32.31	9.07		0.4	2.44	96
503	12/17/2008 16:01	8.74	49.733	32.26	9.02		0.4	2.384	95.5
504	12/17/2008 16:16	8.68	49.681	32.21	9.13		1.4	2.33	96.5
505	12/17/2008 16:31	8.48	49.543	32.1	9.81		1.9	2.251	103.2
506	12/17/2008 16:46	8.44	49.445	32.02	9.79		1.9	2.164	102.9
507	12/17/2008 17:01	8.39	49.401	31.99	9.82		1.9	2.074	103
508	12/17/2008 17:16	8.35	49.364	31.96	9.79		2	1.973	102.5
509	12/17/2008 17:31	8.27	49.257	31.87	9.78		1.8	1.867	102.2
510	12/17/2008 17:46	8.2	49.098	31.75	9.76		1.7	1.763	101.7
511	12/17/2008 18:01	8.11	48.845	31.57	9.55		1.7	1.659	99.2
512	12/17/2008 18:16	8.06	48.481	31.3	9.44		1.8	1.543	97.9
513	12/17/2008 18:31	8.01	48.451	31.27	9.41		2.7	1.422	97.3
514	12/17/2008 18:46	7.99	48.358	31.21	9.41		2.7	1.323	97.4
515	12/17/2008 19:01	7.95	48.251	31.13	9.31		2.6	1.193	96.1
516	12/17/2008 19:16	7.75	48.238	31.1	9.64		3.2	1.077	99.1
517	12/17/2008 19:31	7.76	47.664	30.69	9.58		2.7	0.957	98.2
518	12/17/2008 19:46	7.74	47.377	30.48	9.52		2.5	0.83	97.4
519	12/17/2008 20:01	7.71	47.154	30.32	9.42		1.8	0.712	96.2
520	12/17/2008 20:16	7.65	47.124	30.3	9.4		1.6	0.608	95.9
521	12/17/2008 20:31	7.63	46.948	30.17	9.34		1.5	0.51	95.1
522	12/17/2008 20:46	7.57	46.78	30.05	9.26		1.6	0.423	94.2
523	12/17/2008 21:01	7.51	46.636	29.94	9.16		1.8	0.378	92.9
524	12/17/2008 21:16	7.46	46.523	29.85	9.03		1.8	0.343	91.4
525	12/17/2008 21:31	7.39	46.454	29.8	8.95		1.5	0.325	90.4
526	12/17/2008 21:46	7.34	46.537	29.85	8.87		1.1	0.346	89.6
527	12/17/2008 22:01	7.28	46.659	29.93	8.73		0.5	0.383	88.1
528	12/17/2008 22:16	7.18	46.871	30.07	8.54		0.2	0.43	86
529	12/17/2008 22:31	6.95	48.155	30.97	10.31		1.6	0.5	104
530	12/17/2008 22:46	6.92	48.2	30.99	10.6		2.1	0.583	106.8
531	12/17/2008 23:01	6.89	47.962	30.82	10.61		2	0.659	106.7
532	12/17/2008 23:16	6.91	47.923	30.8	10.6		2	0.735	106.7
533	12/17/2008 23:31	6.93	47.804	30.71	10.52		1.9	0.821	105.8
534	12/17/2008 23:46	7.02	47.795	30.72	10.49		1.8	0.901	105.7
535	12/18/2008 0:01	7.11	47.902	30.8	10.44		1.6	0.993	105.6
536	12/18/2008 0:16	7.18	48.041	30.91	10.4		1.2	1.084	105.4
537	12/18/2008 0:31	7.28	48.156	31	10.32		1.6	1.178	104.9
538	12/18/2008 0:46	7.39	48.237	31.07	10.21		2.3	1.276	104

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
539	12/18/2008 1:01	7.46	48.321	31.13	10.1		2.2	1.367	103.1
540	12/18/2008 1:16	7.56	48.564	31.32	10.08		2.3	1.472	103.3
541	12/18/2008 1:31	7.68	48.775	31.48	10.03		2.6	1.57	103.2
542	12/18/2008 1:46	7.73	48.826	31.52	10		2.7	1.662	103
543	12/18/2008 2:01	7.84	48.912	31.59	9.94		2.7	1.759	102.6
544	12/18/2008 2:16	7.92	49.049	31.69	9.91		2.3	1.852	102.6
545	12/18/2008 2:31	8.01	49.12	31.75	9.84		2.4	1.94	102.1
546	12/18/2008 2:46	8.15	49.288	31.89	9.75		3	2.031	101.6
547	12/18/2008 3:01	8.29	49.438	32.01	9.66		2.6	2.127	101.1
548	12/18/2008 3:16	8.44	49.626	32.15	9.54		2.1	2.214	100.2
549	12/18/2008 3:31	8.51	49.752	32.25	9.5		2.6	2.298	100
550	12/18/2008 3:46	8.55	49.856	32.33	9.45		1.6	2.38	99.7
551	12/18/2008 4:01	8.58	49.908	32.37	9.39		1.8	2.458	99.2
552	12/18/2008 4:16	8.61	49.947	32.4	9.37		1.4	2.514	99
553	12/18/2008 4:31	8.64	49.982	32.43	9.35		0.5	2.555	98.8
554	12/18/2008 4:46	8.65	50.022	32.46	9.28		0.9	2.602	98.2
555	12/18/2008 5:01	8.65	50.034	32.47	9.21		0.8	2.612	97.4
556	12/18/2008 5:16	8.63	50.031	32.46	9.1		0.5	2.6	96.3
557	12/18/2008 5:31	8.59	49.985	32.42	8.95		0.2	2.568	94.5
558	12/18/2008 5:46	8.56	49.971	32.41	8.96		0.7	2.517	94.6
559	12/18/2008 6:01	8.25	49.714	32.2	9.42		2.2	2.448	98.6
560	12/18/2008 6:16	8.09	49.604	32.11	9.48		2	2.361	98.8
561	12/18/2008 6:31	8.14	49.617	32.12	9.45		2	2.278	98.7
562	12/18/2008 6:46	8.13	49.596	32.11	9.49		2.1	2.184	99
563	12/18/2008 7:01	8.05	49.462	32	9.52		2.1	2.091	99.1
564	12/18/2008 7:16	8	49.376	31.94	9.51		2	2.003	98.8
565	12/18/2008 7:31	8	49.248	31.84	9.44		1.8	1.909	98
566	12/18/2008 7:46	7.87	49.176	31.78	9.55		2	1.823	98.8
567	12/18/2008 8:01	7.84	49.118	31.74	9.46		1.6	1.757	97.8
568	12/18/2008 8:16	7.78	48.97	31.63	9.52		1.6	1.666	98.3
569	12/18/2008 8:31	7.68	48.978	31.62	9.69		2	1.597	99.8
570	12/18/2008 8:46	7.67	48.894	31.56	9.68		1.9	1.527	99.6
571	12/18/2008 9:01	7.66	48.75	31.46	9.72		1.8	1.458	99.9
572	12/18/2008 9:16	7.54	48.701	31.41	9.76		2.5	1.392	100
573	12/18/2008 9:31	7.61	48.455	31.24	9.58		1.2	1.332	98.3
574	12/18/2008 9:46	7.59	48.367	31.18	9.55		0.9	1.283	97.8
575	12/18/2008 10:01	7.58	48.262	31.1	9.55		1	1.242	97.8
576	12/18/2008 10:16	7.53	48.237	31.08	9.55		0.9	1.21	97.6
577	12/18/2008 10:31	7.48	48.228	31.07	9.55		0.7	1.189	97.5
578	12/18/2008 10:46	7.44	48.227	31.06	9.49		0.8	1.189	96.9
579	12/18/2008 11:01	7.38	48.241	31.07	9.38		0.4	1.19	95.6
580	12/18/2008 11:16	7.28	48.334	31.13	9.42		0.7	1.223	95.8
581	12/18/2008 11:31	7.22	48.334	31.12	9.7		0.7	1.263	98.5
582	12/18/2008 11:46	7.25	48.302	31.1	9.73		1.2	1.309	98.9
583	12/18/2008 12:01	7.23	48.361	31.14	9.97		1.6	1.363	101.2
584	12/18/2008 12:16	7.18	48.074	30.93	9.95		2.1	1.431	100.8
585	12/18/2008 12:31	7.27	48.078	30.94	9.85		1.8	1.494	100
586	12/18/2008 12:46	7.35	48.251	31.07	9.88		1.8	1.562	100.6
587	12/18/2008 13:01	7.42	48.373	31.17	9.82		1.5	1.612	100.2

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
588	12/18/2008 13:16	7.53	48.531	31.29	9.76		1.2	1.668	99.9
589	12/18/2008 13:31	7.72	48.798	31.5	9.71		1.3	1.745	100
590	12/18/2008 13:46	7.82	48.912	31.59	9.68		1.2	1.786	99.9
591	12/18/2008 14:01	7.9	49.077	31.71	9.67		1.3	1.844	100.2
592	12/18/2008 14:16	7.95	49.152	31.77	9.7		1.4	1.908	100.6
593	12/18/2008 14:31	7.98	49.181	31.79	9.71		1	1.968	100.7
594	12/18/2008 14:46	8.02	49.224	31.83	9.67		1.2	2.02	100.4
595	12/18/2008 15:01	8.09	49.287	31.88	9.63		1.2	2.069	100.2
596	12/18/2008 15:16	8.15	49.352	31.93	9.61		1	2.126	100.2
597	12/18/2008 15:31	8.19	49.406	31.97	9.53		1.2	2.164	99.5
598	12/18/2008 15:46	8.23	49.461	32.02	9.52		1	2.198	99.5
599	12/18/2008 16:01	8.25	49.465	32.02	9.48		0.5	2.23	99.1
600	12/18/2008 16:16	8.26	49.503	32.05	9.46		0.5	2.244	99
601	12/18/2008 16:31	8.26	49.486	32.04	9.35		0.5	2.25	97.8
602	12/18/2008 16:46	8.26	49.493	32.04	9.27		0.2	2.235	97
603	12/18/2008 17:01	8.26	49.482	32.04	9.14		0	2.217	95.6
604	12/18/2008 17:16	8.27	49.461	32.02	8.98		0.1	2.182	94
605	12/18/2008 17:31	8.25	49.331	31.93	9.07		0.6	2.116	94.8
606	12/18/2008 17:46	8.14	49.29	31.89	9.33		1	2.044	97.2
607	12/18/2008 18:01	8.08	49.226	31.84	9.46		1.3	1.983	98.5
608	12/18/2008 18:16	8.02	49.113	31.75	9.58		1.5	1.899	99.5
609	12/18/2008 18:31	7.95	49.001	31.66	9.69		1.5	1.824	100.4
610	12/18/2008 18:46	7.92	48.81	31.52	9.58		1.6	1.733	99.1
611	12/18/2008 19:01	7.92	48.486	31.29	9.34		1.5	1.642	96.5
612	12/18/2008 19:16	7.89	48.291	31.15	9.26		1.7	1.556	95.5
613	12/18/2008 19:31	7.86	48.171	31.06	9.32		1.6	1.459	96
614	12/18/2008 19:46	7.86	48.104	31.01	9.2		1.2	1.364	94.8
615	12/18/2008 20:01	7.86	48.045	30.97	9.19		1.1	1.263	94.7
616	12/18/2008 20:16	7.81	48.086	31	9.31		1.6	1.172	95.7
617	12/18/2008 20:31	7.62	48.35	31.17	9.67		2	1.072	99.1
618	12/18/2008 20:46	7.48	48.335	31.14	9.89		2.1	0.986	101
619	12/18/2008 21:01	7.55	47.927	30.86	9.76		1.6	0.883	99.7
620	12/18/2008 21:16	7.47	47.878	30.82	9.64		1.4	0.813	98.3
621	12/18/2008 21:31	7.54	47.688	30.69	9.56		1.2	0.759	97.5
622	12/18/2008 21:46	7.48	47.694	30.69	9.52		1.2	0.713	97
623	12/18/2008 22:01	7.42	47.639	30.64	9.5		1	0.674	96.6
624	12/18/2008 22:16	7.38	47.613	30.62	9.46		0.9	0.655	96.1
625	12/18/2008 22:31	7.35	47.595	30.61	9.4		0.9	0.645	95.4
626	12/18/2008 22:46	7.32	47.651	30.64	9.28		0.4	0.677	94.2
627	12/18/2008 23:01	7.3	47.663	30.65	9.15		0.4	0.693	92.8
628	12/18/2008 23:16	7.19	47.856	30.78	9.41		0.6	0.733	95.3
629	12/18/2008 23:31	7.11	48.034	30.89	10.21		1.3	0.823	103.3
630	12/18/2008 23:46	7.14	47.989	30.87	10.25		1.6	0.881	103.7
631	12/19/2008 0:01	7.12	47.769	30.71	10.13		1.8	0.942	102.4
632	12/19/2008 0:16	7.05	46.871	30.06	10.17		2.7	1.044	102.2
633	12/19/2008 0:31	7.06	46.718	29.96	10.12		2.4	1.119	101.6
634	12/19/2008 0:46	7.14	47.039	30.19	9.97		2	1.201	100.4
635	12/19/2008 1:01	7.3	47.778	30.73	10.04		1.7	1.295	101.9
636	12/19/2008 1:16	7.41	48.108	30.98	10		1.6	1.369	101.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
637	12/19/2008 1:31	7.53	48.293	31.12	9.92		1.6	1.457	101.4
638	12/19/2008 1:46	7.59	48.493	31.27	9.88		1.5	1.541	101.3
639	12/19/2008 2:01	7.62	48.667	31.39	9.86		1.6	1.626	101.2
640	12/19/2008 2:16	7.62	48.719	31.43	9.86		1.6	1.715	101.3
641	12/19/2008 2:31	7.66	48.773	31.47	9.83		1.7	1.793	101
642	12/19/2008 2:46	7.73	48.822	31.51	9.79		1.9	1.875	100.9
643	12/19/2008 3:01	7.82	48.831	31.53	9.72		2	1.961	100.3
644	12/19/2008 3:16	7.89	48.968	31.63	9.69		2.4	2.046	100.2
645	12/19/2008 3:31	8.01	49.067	31.72	9.64		2.2	2.139	100
646	12/19/2008 3:46	8.11	49.224	31.84	9.57		1.8	2.223	99.7
647	12/19/2008 4:01	8.23	49.342	31.93	9.53		2	2.305	99.6
648	12/19/2008 4:16	8.37	49.517	32.07	9.52		2.3	2.386	99.8
649	12/19/2008 4:31	8.44	49.64	32.16	9.5		1.7	2.456	99.9
650	12/19/2008 4:46	8.51	49.769	32.26	9.48		1.3	2.518	99.8
651	12/19/2008 5:01	8.53	49.833	32.31	9.44		1.4	2.569	99.6
652	12/19/2008 5:16	8.53	49.858	32.33	9.41		0.9	2.62	99.2
653	12/19/2008 5:31	8.52	49.865	32.33	9.38		0.9	2.645	98.9
654	12/19/2008 5:46	8.48	49.854	32.32	9.31		0.7	2.656	98.1
655	12/19/2008 6:01	8.44	49.775	32.26	9.23		0.7	2.641	97.1
656	12/19/2008 6:16	8.43	49.762	32.25	9.13		0.5	2.606	96
657	12/19/2008 6:31	8.42	49.75	32.24	9.1		0.9	2.567	95.6
658	12/19/2008 6:46	8	49.468	32	9.43		1.6	2.501	98
659	12/19/2008 7:01	7.83	49.244	31.83	9.44		1.6	2.428	97.7
660	12/19/2008 7:16	7.98	49.318	31.89	9.42		1.8	2.32	97.8
661	12/19/2008 7:31	7.94	49.269	31.85	9.45		2	2.231	98
662	12/19/2008 7:46	7.94	49.221	31.82	9.45		2.1	2.157	98
663	12/19/2008 8:01	7.83	49.15	31.76	9.43		1.7	2.08	97.5
664	12/19/2008 8:16	7.75	48.994	31.64	9.5		1.7	1.973	97.9
665	12/19/2008 8:31	7.66	48.937	31.59	9.55		1.8	1.902	98.2
666	12/19/2008 8:46	7.66	48.854	31.53	9.51		1.5	1.823	97.8
667	12/19/2008 9:01	7.58	48.887	31.55	9.46		1.6	1.726	97.1
668	12/19/2008 9:16	7.56	48.74	31.44	9.61		2.1	1.635	98.6
669	12/19/2008 9:31	7.62	48.712	31.43	9.69		2	1.564	99.5
670	12/19/2008 9:46	7.57	48.582	31.33	9.7		1.9	1.483	99.5
671	12/19/2008 10:01	7.55	48.471	31.25	9.78		2.1	1.393	100.2
672	12/19/2008 10:16	7.48	48.083	30.96	9.58		1.8	1.317	97.8
673	12/19/2008 10:31	7.51	47.419	30.49	9.52		2	1.242	96.9
674	12/19/2008 10:46	7.51	47.216	30.35	9.37		1.3	1.181	95.3
675	12/19/2008 11:01	7.48	47.066	30.24	9.34		1.3	1.136	94.8
676	12/19/2008 11:16	7.43	47.009	30.2	9.34		1.5	1.075	94.7
677	12/19/2008 11:31	7.4	47.001	30.19	9.33		1.5	1.037	94.5
678	12/19/2008 11:46	7.38	46.984	30.17	9.28		0.7	1.03	94.1
679	12/19/2008 12:01	7.36	47.016	30.19	9.19		0.9	1.034	93
680	12/19/2008 12:16	7.35	47.006	30.19	9.11		0.2	1.042	92.2
681	12/19/2008 12:31	7.34	47.008	30.19	8.91		0.4	1.087	90.2
682	12/19/2008 12:46	7.34	47.751	30.72	9.76		0.9	1.134	99.2
683	12/19/2008 13:01	7.35	48.089	30.96	10.01		1.2	1.199	101.8
684	12/19/2008 13:16	7.35	47.98	30.88	10.01		1.2	1.252	101.8
685	12/19/2008 13:31	7.35	47.998	30.89	9.95		1.3	1.315	101.2

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
686	12/19/2008 13:46	7.35	47.988	30.88	9.92		1.4	1.378	100.9
687	12/19/2008 14:01	7.35	47.977	30.88	9.86		1.2	1.433	100.2
688	12/19/2008 14:16	7.35	47.955	30.86	9.82		0.7	1.493	99.9
689	12/19/2008 14:31	7.36	47.995	30.89	9.74		0.7	1.538	99.1
690	12/19/2008 14:46	7.39	48.087	30.96	9.75		0.6	1.587	99.3
691	12/19/2008 15:01	7.44	48.181	31.03	9.74		0.7	1.646	99.3
692	12/19/2008 15:16	7.49	48.292	31.11	9.71		0.7	1.696	99.2
693	12/19/2008 15:31	7.57	48.37	31.18	9.63		0.6	1.736	98.6
694	12/19/2008 15:46	7.67	48.51	31.29	9.67		1.2	1.787	99.4
695	12/19/2008 16:01	7.7	48.585	31.34	9.66		0.7	1.832	99.4
696	12/19/2008 16:16	7.72	48.655	31.4	9.66		0.9	1.871	99.4
697	12/19/2008 16:31	7.73	48.704	31.43	9.66		0.7	1.913	99.4
698	12/19/2008 16:46	7.73	48.734	31.45	9.61		0.5	1.954	99
699	12/19/2008 17:01	7.74	48.761	31.47	9.57		0.6	1.984	98.6
700	12/19/2008 17:16	7.75	48.776	31.48	9.51		0.7	2.013	98
701	12/19/2008 17:31	7.75	48.806	31.51	9.45		0.3	2.035	97.4
702	12/19/2008 17:46	7.75	48.803	31.5	9.43		0.7	2.046	97.2
703	12/19/2008 18:01	7.75	48.803	31.5	9.44		0	2.029	97.3
704	12/19/2008 18:16	7.76	48.792	31.5	9.28		0.2	1.989	95.6
705	12/19/2008 18:31	7.77	48.773	31.48	9.11		0.3	1.969	94
706	12/19/2008 18:46	7.75	48.726	31.45	9.16		0.5	1.912	94.4
707	12/19/2008 19:01	7.62	48.649	31.38	9.36		1	1.854	96.1
708	12/19/2008 19:16	7.62	48.563	31.32	9.27		0.9	1.799	95.2
709	12/19/2008 19:31	7.57	48.393	31.19	9.23		1	1.723	94.5
710	12/19/2008 19:46	7.57	48.216	31.07	9.07		0.9	1.651	92.8
711	12/19/2008 20:01	7.51	48.149	31.01	9.34		1.4	1.573	95.4
712	12/19/2008 20:16	7.45	48.154	31.01	9.56		1.8	1.502	97.5
713	12/19/2008 20:31	7.5	47.979	30.89	9.28		0.9	1.424	94.7
714	12/19/2008 20:46	7.46	47.972	30.88	9.3		0.9	1.342	94.8
715	12/19/2008 21:01	7.42	47.957	30.87	9.3		0.9	1.279	94.7
716	12/19/2008 21:16	7.4	47.849	30.79	9.27		1	1.202	94.3
717	12/19/2008 21:31	7.35	47.34	30.42	8.93		1.2	1.134	90.6
718	12/19/2008 21:46	7.31	47.121	30.26	8.64		1.5	1.081	87.4
719	12/19/2008 22:01	7.27	47.015	30.19	8.63		1.8	1.023	87.2
720	12/19/2008 22:16	7.23	47.015	30.18	8.72		2	0.974	88
721	12/19/2008 22:31	7.2	47.001	30.17	8.81		2.1	0.94	88.8
722	12/19/2008 22:46	7.17	47.009	30.17	8.81		1.4	0.921	88.8
723	12/19/2008 23:01	7.15	46.995	30.16	8.77		0.9	0.918	88.3
724	12/19/2008 23:16	7.12	47.019	30.18	8.72		1.6	0.92	87.8
725	12/19/2008 23:31	7.11	47.027	30.18	8.57		0.9	0.931	86.3
726	12/19/2008 23:46	7.1	47.02	30.17	8.28		0.5	0.974	83.3
727	12/20/2008 0:01	7.08	47.107	30.23	8.32		0.4	1.009	83.7
728	12/20/2008 0:16	7.07	47.807	30.73	9.98		0.6	1.052	100.8
729	12/20/2008 0:31	7.06	47.873	30.78	10.25		1	1.112	103.5
730	12/20/2008 0:46	7.05	47.727	30.67	10.17		1.2	1.178	102.5
731	12/20/2008 1:01	7.08	47.587	30.57	10.12		1.4	1.245	102
732	12/20/2008 1:16	7.1	47.508	30.52	10.07		1	1.294	101.6
733	12/20/2008 1:31	7.13	47.46	30.49	10.09		1.3	1.365	101.8
734	12/20/2008 1:46	7.17	47.511	30.53	10.07		1.1	1.439	101.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
735	12/20/2008 2:01	7.22	47.571	30.58	10.04		1	1.515	101.6
736	12/20/2008 2:16	7.33	47.648	30.64	9.97		1.3	1.585	101.2
737	12/20/2008 2:31	7.45	48.003	30.91	9.85		1	1.66	100.4
738	12/20/2008 2:46	7.51	48.413	31.2	9.77		1.3	1.743	100
739	12/20/2008 3:01	7.52	48.453	31.23	9.77		1.6	1.816	100
740	12/20/2008 3:16	7.52	48.484	31.26	9.76		1.7	1.881	99.9
741	12/20/2008 3:31	7.54	48.476	31.25	9.72		1.3	1.967	99.5
742	12/20/2008 3:46	7.68	48.681	31.41	9.65		1.4	2.052	99.3
743	12/20/2008 4:01	7.75	48.82	31.52	9.61		1.6	2.13	99
744	12/20/2008 4:16	7.84	48.953	31.62	9.57		1.7	2.208	98.9
745	12/20/2008 4:31	7.94	49.069	31.71	9.55		1.7	2.281	98.9
746	12/20/2008 4:46	8.04	49.278	31.87	9.52		1.6	2.367	99
747	12/20/2008 5:01	8.12	49.386	31.95	9.5		1.7	2.438	99
748	12/20/2008 5:16	8.2	49.484	32.03	9.51		1.3	2.5	99.3
749	12/20/2008 5:31	8.27	49.627	32.14	9.51		1	2.561	99.6
750	12/20/2008 5:46	8.31	49.703	32.2	9.46		0.9	2.617	99.1
751	12/20/2008 6:01	8.32	49.777	32.25	9.41		0.8	2.643	98.7
752	12/20/2008 6:16	8.33	49.805	32.27	9.35		0	2.67	98.1
753	12/20/2008 6:31	8.31	49.784	32.26	9.31		0.5	2.679	97.7
754	12/20/2008 6:46	8.28	49.748	32.23	9.23		0.2	2.675	96.7
755	12/20/2008 7:01	8.28	49.7	32.19	9.12		0.1	2.628	95.5
756	12/20/2008 7:16	8.04	49.866	32.29	9.26		1.2	2.581	96.5
757	12/20/2008 7:31	7.61	49.366	31.89	9.42		1.4	2.518	97
758	12/20/2008 7:46	7.45	49.01	31.62	9.45		1.4	2.453	96.7
759	12/20/2008 8:01	7.48	48.964	31.59	9.43		1.6	2.362	96.6
760	12/20/2008 8:16	7.55	49.02	31.64	9.45		1.5	2.264	97
761	12/20/2008 8:31	7.53	48.974	31.61	9.48		1.5	2.192	97.3
762	12/20/2008 8:46	7.45	48.876	31.53	9.5		1.3	2.105	97.3
763	12/20/2008 9:01	7.38	48.743	31.43	9.56		1.5	2	97.7
764	12/20/2008 9:16	7.36	48.663	31.37	9.6		1.6	1.927	98
765	12/20/2008 9:31	7.28	48.581	31.3	9.62		1.5	1.836	97.9
766	12/20/2008 9:46	7.27	48.428	31.19	9.65		1.2	1.75	98.2
767	12/20/2008 10:01	7.26	48.234	31.05	9.55		1.5	1.654	97
768	12/20/2008 10:16	7.26	48.087	30.95	9.75		1.7	1.557	99
769	12/20/2008 10:31	7.27	47.816	30.76	9.59		1.6	1.476	97.2
770	12/20/2008 10:46	7.21	47.804	30.74	9.73		1.6	1.374	98.5
771	12/20/2008 11:01	7.23	47.579	30.58	9.71		1.2	1.29	98.3
772	12/20/2008 11:16	7.15	47.693	30.66	9.86		1.3	1.211	99.7
773	12/20/2008 11:31	7.21	47.442	30.48	9.43		1	1.124	95.4
774	12/20/2008 11:46	7.19	47.358	30.42	9.22		1.1	1.04	93.1
775	12/20/2008 12:01	7.17	47.233	30.33	8.97		1	0.981	90.5
776	12/20/2008 12:16	7.14	47.145	30.27	8.82		1.5	0.945	89
777	12/20/2008 12:31	7.12	47.102	30.23	8.63		1.6	0.903	86.9
778	12/20/2008 12:46	7.11	47.057	30.2	8.59		1.5	0.885	86.4
779	12/20/2008 13:01	7.09	47.069	30.21	8.53		1	0.883	85.9
780	12/20/2008 13:16	7.08	47.103	30.23	8.5		1	0.905	85.5
781	12/20/2008 13:31	7.07	47.172	30.28	8.43		0.4	0.942	84.8
782	12/20/2008 13:46	7.06	47.268	30.35	8.57		0.4	0.96	86.3
783	12/20/2008 14:01	7.08	47.91	30.8	10.2		0.4	1.019	103

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
784	12/20/2008 14:16	7.04	47.801	30.72	10.38		1	1.069	104.7
785	12/20/2008 14:31	6.92	47.02	30.16	10.37		1.8	1.134	103.9
786	12/20/2008 14:46	6.91	47.014	30.15	10.31		1.3	1.18	103.3
787	12/20/2008 15:01	6.92	46.977	30.13	10.27		1.4	1.235	102.8
788	12/20/2008 15:16	6.94	47	30.14	10.11		1.4	1.303	101.4
789	12/20/2008 15:31	6.96	47.039	30.17	10.15		1.2	1.348	101.8
790	12/20/2008 15:46	7	47.244	30.32	10.16		1	1.404	102.1
791	12/20/2008 16:01	7.01	47.254	30.33	10.14		0.9	1.456	102
792	12/20/2008 16:16	7.05	47.273	30.35	10.02		1	1.515	100.8
793	12/20/2008 16:31	7.13	47.495	30.51	9.97		1	1.573	100.6
794	12/20/2008 16:46	7.23	47.703	30.67	9.88		1	1.616	100.1
795	12/20/2008 17:01	7.33	48.063	30.94	9.79		1.4	1.673	99.6
796	12/20/2008 17:16	7.34	48.184	31.02	9.72		0.9	1.72	98.9
797	12/20/2008 17:31	7.36	48.272	31.09	9.67		0.7	1.766	98.5
798	12/20/2008 17:46	7.37	48.399	31.18	9.66		0.7	1.807	98.5
799	12/20/2008 18:01	7.39	48.439	31.21	9.67		0.5	1.834	98.6
800	12/20/2008 18:16	7.4	48.479	31.24	9.62		0.7	1.875	98.2
801	12/20/2008 18:31	7.41	48.485	31.25	9.57		0.1	1.89	97.7
802	12/20/2008 18:46	7.42	48.503	31.26	9.49		0.2	1.902	96.9
803	12/20/2008 19:01	7.44	48.523	31.27	9.41		0.2	1.917	96.1
804	12/20/2008 19:16	7.44	48.516	31.27	9.34		0	1.9	95.4
805	12/20/2008 19:31	7.45	48.533	31.28	9.26		0	1.905	94.7
806	12/20/2008 19:46	7.45	48.52	31.27	9.26		0	1.873	94.6
807	12/20/2008 20:01	7.44	48.487	31.25	9.17		0.1	1.84	93.7
808	12/20/2008 20:16	7.44	48.453	31.23	9.14		0.1	1.812	93.3
809	12/20/2008 20:31	7.44	48.34	31.14	9.16		0.4	1.759	93.5
810	12/20/2008 20:46	7.42	48.226	31.06	9.12		1	1.705	93
811	12/20/2008 21:01	7.33	48.153	31	9.43		1.5	1.647	95.9
812	12/20/2008 21:16	7.33	47.868	30.8	9.34		1.1	1.585	94.9
813	12/20/2008 21:31	7.32	47.579	30.59	9.31		1	1.528	94.4
814	12/20/2008 21:46	7.28	47.347	30.42	9.45		1.2	1.47	95.6
815	12/20/2008 22:01	7.29	47.286	30.38	9.4		1	1.424	95.1
816	12/20/2008 22:16	7.27	47.188	30.31	9.4		1.1	1.359	95
817	12/20/2008 22:31	7.26	47.135	30.27	9.33		0.7	1.32	94.3
818	12/20/2008 22:46	7.26	47.058	30.21	9.2		1.3	1.267	93
819	12/20/2008 23:01	7.25	47.006	30.18	9.05		1.6	1.221	91.4
820	12/20/2008 23:16	7.23	47.031	30.19	8.97		0.9	1.2	90.6
821	12/20/2008 23:31	7.22	46.997	30.17	8.94		1.8	1.159	90.2
822	12/20/2008 23:46	7.2	46.998	30.17	8.87		1	1.155	89.5
823	12/21/2008 0:01	7.19	47.009	30.17	8.79		1.2	1.15	88.6
824	12/21/2008 0:16	7.19	46.977	30.15	8.7		0.7	1.16	87.8
825	12/21/2008 0:31	7.18	47.027	30.19	8.67		0.7	1.179	87.4
826	12/21/2008 0:46	7.18	47.038	30.19	8.62		0.4	1.216	86.9
827	12/21/2008 1:01	7.18	47.349	30.41	9.4		0.5	1.25	94.9
828	12/21/2008 1:16	7.18	47.618	30.61	10.06		0.4	1.294	101.7
829	12/21/2008 1:31	7.18	47.601	30.59	10.05		0.7	1.342	101.6
830	12/21/2008 1:46	7.19	47.612	30.6	10.01		1	1.399	101.2
831	12/21/2008 2:01	7.2	47.626	30.61	9.95		0.9	1.468	100.7
832	12/21/2008 2:16	7.23	47.658	30.64	9.93		0.9	1.513	100.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
833	12/21/2008 2:31	7.25	47.655	30.64	9.91		1.1	1.578	100.4
834	12/21/2008 2:46	7.29	47.744	30.71	9.83		1	1.643	99.8
835	12/21/2008 3:01	7.35	47.898	30.82	9.8		1	1.703	99.6
836	12/21/2008 3:16	7.45	48.156	31.01	9.73		1.3	1.766	99.3
837	12/21/2008 3:31	7.51	48.415	31.2	9.69		1.2	1.831	99.1
838	12/21/2008 3:46	7.54	48.553	31.31	9.7		1.3	1.906	99.4
839	12/21/2008 4:01	7.59	48.638	31.37	9.68		1.6	1.975	99.2
840	12/21/2008 4:16	7.69	48.759	31.47	9.64		1.9	2.042	99.2
841	12/21/2008 4:31	7.81	48.829	31.53	9.6		1.8	2.124	99.1
842	12/21/2008 4:46	7.96	49	31.66	9.58		1.7	2.204	99.3
843	12/21/2008 5:01	8.08	49.141	31.77	9.53		1.8	2.279	99.1
844	12/21/2008 5:16	8.21	49.363	31.95	9.52		1.6	2.359	99.4
845	12/21/2008 5:31	8.28	49.475	32.03	9.51		1.6	2.433	99.5
846	12/21/2008 5:46	8.37	49.629	32.15	9.47		1.4	2.506	99.3
847	12/21/2008 6:01	8.43	49.701	32.21	9.43		1.5	2.568	99.1
848	12/21/2008 6:16	8.48	49.782	32.27	9.42		1	2.626	99.1
849	12/21/2008 6:31	8.52	49.788	32.28	9.38		0.9	2.673	98.8
850	12/21/2008 6:46	8.52	49.803	32.29	9.32		0.5	2.703	98.2
851	12/21/2008 7:01	8.54	49.826	32.31	9.25		0.2	2.736	97.5
852	12/21/2008 7:16	8.51	49.845	32.32	9.22		0.9	2.731	97.1
853	12/21/2008 7:31	8.51	49.821	32.3	9.17		0.3	2.728	96.6
854	12/21/2008 7:46	8.52	49.785	32.27	9.1		0.1	2.702	95.9
855	12/21/2008 8:01	8.53	49.812	32.29	9		0	2.657	94.9
856	12/21/2008 8:16	8.38	49.686	32.19	9.09		0.6	2.609	95.5
857	12/21/2008 8:31	8.21	49.336	31.93	9.36		1.4	2.533	97.8
858	12/21/2008 8:46	8.17	49.304	31.9	9.43		1.5	2.448	98.3
859	12/21/2008 9:01	8.13	49.188	31.81	9.46		1.5	2.369	98.5
860	12/21/2008 9:16	8.14	49.193	31.82	9.51		1.7	2.287	99.1
861	12/21/2008 9:31	8.13	49.126	31.77	9.5		1.8	2.194	99
862	12/21/2008 9:46	8.12	48.975	31.66	9.37		1.7	2.09	97.4
863	12/21/2008 10:01	8.05	48.886	31.59	9.47		1.3	2.006	98.3
864	12/21/2008 10:16	8.06	48.738	31.48	9.35		1.3	1.929	97.1
865	12/21/2008 10:31	8.07	48.462	31.29	9.21		1.3	1.817	95.5
866	12/21/2008 10:46	8.04	48.305	31.17	9.31		1.5	1.7	96.4
867	12/21/2008 11:01	8.05	47.898	30.88	9.25		1.2	1.622	95.5
868	12/21/2008 11:16	8.04	48.121	31.04	9.56		1.8	1.53	98.8
869	12/21/2008 11:31	8.06	47.655	30.71	9.36		1.5	1.402	96.6
870	12/21/2008 11:46	8.02	47.921	30.9	9.38		2.1	1.314	96.9
871	12/21/2008 12:01	7.97	47.683	30.72	9.45		2	1.215	97.4
872	12/21/2008 12:16	7.96	47.524	30.61	9.3		2.2	1.125	95.8
873	12/21/2008 12:31	7.96	47.149	30.34	8.9		1.8	1.038	91.4
874	12/21/2008 12:46	7.91	47.094	30.3	8.88		2	0.939	91.1
875	12/21/2008 13:01	7.9	46.933	30.18	8.63		1.6	0.871	88.5
876	12/21/2008 13:16	7.89	46.917	30.17	8.59		1.3	0.838	88
877	12/21/2008 13:31	7.87	46.862	30.13	8.56		1.5	0.772	87.7
878	12/21/2008 13:46	7.82	46.898	30.15	8.52		1.2	0.747	87.1
879	12/21/2008 14:01	7.77	46.977	30.2	8.75		0.8	0.746	89.4
880	12/21/2008 14:16	7.77	47.041	30.25	8.68		0.7	0.754	88.8
881	12/21/2008 14:31	7.76	47.156	30.33	8.78		0.2	0.784	89.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
882	12/21/2008 14:46	7.75	47.209	30.37	8.82		0.4	0.809	90.3
883	12/21/2008 15:01	7.74	47.543	30.6	9.75		2.7	0.865	99.9
884	12/21/2008 15:16	7.78	46.716	30.02	10.03		3.9	0.927	102.5
885	12/21/2008 15:31	7.78	46.615	29.95	10.11		3.2	0.984	103.2
886	12/21/2008 15:46	7.77	46.745	30.04	9.88		2.1	1.031	100.9
887	12/21/2008 16:01	7.8	46.704	30.01	10.02		2.2	1.107	102.4
888	12/21/2008 16:16	7.8	46.721	30.02	10.03		2.1	1.158	102.5
889	12/21/2008 16:31	7.8	46.828	30.1	10		1.9	1.209	102.3
890	12/21/2008 16:46	7.8	47.313	30.44	9.91		1.5	1.282	101.5
891	12/21/2008 17:01	7.8	47.538	30.6	9.92		1.1	1.33	101.8
892	12/21/2008 17:16	7.81	47.658	30.69	9.83		1	1.378	100.9
893	12/21/2008 17:31	7.83	47.816	30.81	9.84		1	1.445	101.1
894	12/21/2008 17:46	7.83	47.873	30.85	9.76		1.4	1.491	100.3
895	12/21/2008 18:01	7.79	48.028	30.95	9.79		2	1.544	100.6
896	12/21/2008 18:16	7.76	48.168	31.05	9.73		2.1	1.602	100
897	12/21/2008 18:31	7.73	48.239	31.1	9.8		2.4	1.674	100.7
898	12/21/2008 18:46	7.71	48.247	31.1	9.79		2.2	1.739	100.6
899	12/21/2008 19:01	7.74	48.282	31.13	9.73		2	1.765	100
900	12/21/2008 19:16	7.78	48.341	31.18	9.64		1.5	1.822	99.1
901	12/21/2008 19:31	7.8	48.421	31.24	9.64		1	1.87	99.3
902	12/21/2008 19:46	7.81	48.433	31.24	9.59		1	1.884	98.8
903	12/21/2008 20:01	7.83	48.425	31.24	9.48		0.9	1.907	97.7
904	12/21/2008 20:16	7.84	48.44	31.25	9.48		0.9	1.934	97.7
905	12/21/2008 20:31	7.84	48.469	31.27	9.4		0.4	1.929	96.9
906	12/21/2008 20:46	7.84	48.474	31.28	9.34		0.5	1.926	96.3
907	12/21/2008 21:01	7.84	48.469	31.27	9.3		0.2	1.902	95.9
908	12/21/2008 21:16	7.85	48.453	31.26	9.22		0.3	1.879	95.1
909	12/21/2008 21:31	7.85	48.413	31.23	9.18		0.3	1.847	94.7
910	12/21/2008 21:46	7.85	48.374	31.21	9.16		0.7	1.806	94.4
911	12/21/2008 22:01	7.85	48.275	31.13	9.14		1.5	1.76	94.2
912	12/21/2008 22:16	7.84	48.252	31.12	9.15		1.3	1.715	94.3
913	12/21/2008 22:31	7.83	48.21	31.09	9.19		1.3	1.667	94.6
914	12/21/2008 22:46	7.8	48.168	31.05	9.32		2	1.614	95.9
915	12/21/2008 23:01	7.8	48.105	31.01	9.38		1.3	1.574	96.5
916	12/21/2008 23:16	7.79	47.996	30.93	9.18		1.1	1.53	94.3
917	12/21/2008 23:31	7.79	47.925	30.88	9.15		1	1.489	94
918	12/21/2008 23:46	7.78	47.877	30.84	9.13		0.9	1.458	93.8
919	12/22/2008 0:01	7.77	47.794	30.78	9.12		1	1.416	93.6
920	12/22/2008 0:16	7.77	47.705	30.72	9.12		0.9	1.38	93.6
921	12/22/2008 0:31	7.76	47.713	30.73	9.07		0.8	1.375	93
922	12/22/2008 0:46	7.75	47.7	30.72	9.03		0.7	1.365	92.5
923	12/22/2008 1:01	7.75	47.605	30.65	9.05		1	1.331	92.8
924	12/22/2008 1:16	7.73	47.679	30.7	8.92		0.7	1.358	91.4
925	12/22/2008 1:31	7.71	47.696	30.71	8.87		1	1.366	90.8
926	12/22/2008 1:46	7.67	47.679	30.69	9.27		1	1.386	94.8
927	12/22/2008 2:01	7.66	47.7	30.71	9.36		0.9	1.421	95.8
928	12/22/2008 2:16	7.66	47.724	30.72	9.41		1	1.452	96.3
929	12/22/2008 2:31	7.67	47.709	30.72	9.41		1.3	1.507	96.3
930	12/22/2008 2:46	7.68	47.728	30.73	9.62		1	1.546	98.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
931	12/22/2008 3:01	7.69	47.757	30.75	9.63		2	1.595	98.6
932	12/22/2008 3:16	7.68	47.738	30.74	9.62		2	1.65	98.5
933	12/22/2008 3:31	7.71	47.829	30.8	9.6		1.8	1.708	98.4
934	12/22/2008 3:46	7.74	48.005	30.93	9.64		1.6	1.783	98.9
935	12/22/2008 4:01	7.79	48.102	31.01	9.59		1.6	1.835	98.6
936	12/22/2008 4:16	7.85	48.354	31.19	9.58		1.8	1.906	98.7
937	12/22/2008 4:31	7.86	48.459	31.27	9.59		1.6	1.976	98.9
938	12/22/2008 4:46	7.98	48.64	31.41	9.58		1.5	2.054	99.1
939	12/22/2008 5:01	8.04	48.776	31.51	9.54		1.4	2.114	98.9
940	12/22/2008 5:16	8.11	48.855	31.57	9.54		1.2	2.195	99.1
941	12/22/2008 5:31	8.2	48.952	31.65	9.5		1.2	2.285	99
942	12/22/2008 5:46	8.29	49.113	31.77	9.48		1.1	2.351	99
943	12/22/2008 6:01	8.38	49.247	31.88	9.45		1.2	2.43	99
944	12/22/2008 6:16	8.44	49.378	31.98	9.43		1	2.491	99
945	12/22/2008 6:31	8.51	49.503	32.07	9.39		1	2.581	98.8
946	12/22/2008 6:46	8.55	49.564	32.12	9.35		0.8	2.621	98.5
947	12/22/2008 7:01	8.55	49.625	32.16	9.34		0.5	2.657	98.4
948	12/22/2008 7:16	8.56	49.636	32.17	9.29		0.5	2.701	97.9
949	12/22/2008 7:31	8.58	49.636	32.17	9.19		0.2	2.728	96.9
950	12/22/2008 7:46	8.59	49.653	32.19	9.08		0	2.746	95.8
951	12/22/2008 8:01	8.58	49.661	32.19	9.12		0.1	2.733	96.2
952	12/22/2008 8:16	8.57	49.656	32.19	9.05		0	2.716	95.5
953	12/22/2008 8:31	8.58	49.643	32.18	8.99		0	2.701	94.8
954	12/22/2008 8:46	8.59	49.618	32.16	8.9		0	2.664	93.9
955	12/22/2008 9:01	8.52	49.622	32.16	9.06		0.7	2.607	95.4
956	12/22/2008 9:16	8.43	49.45	32.03	9.26		1.2	2.53	97.3
957	12/22/2008 9:31	8.32	49.226	31.86	9.35		1.5	2.451	97.8
958	12/22/2008 9:46	8.27	49.145	31.79	9.31		1.2	2.348	97.3
959	12/22/2008 10:01	8.14	49.053	31.72	9.37		1.5	2.255	97.6
960	12/22/2008 10:16	8.16	48.872	31.59	9.46		1.5	2.176	98.5
961	12/22/2008 10:31	8.13	48.774	31.52	9.37		1.7	2.082	97.4
962	12/22/2008 10:46	8.09	48.548	31.35	9.39		1.7	1.967	97.4
963	12/22/2008 11:01	8.06	48.403	31.24	9.45		1.8	1.888	97.9
964	12/22/2008 11:16	7.96	48.318	31.18	9.61		2.1	1.804	99.3
965	12/22/2008 11:31	8.06	47.899	30.89	9.3		1.3	1.678	96.2
966	12/22/2008 11:46	7.98	48.01	30.96	9.43		1.7	1.593	97.4
967	12/22/2008 12:01	8.03	47.75	30.78	9.05		1.3	1.49	93.4
968	12/22/2008 12:16	8.03	47.774	30.79	9.49		2	1.387	97.9
969	12/22/2008 12:31	8.03	47.653	30.71	9.44		1.9	1.293	97.3
970	12/22/2008 12:46	8.03	47.284	30.44	9.42		1.8	1.166	97
971	12/22/2008 13:01	8	47.16	30.35	9.32		2	1.068	95.9
972	12/22/2008 13:16	7.96	46.967	30.21	9.39		2.3	0.982	96.4
973	12/22/2008 13:31	7.97	46.744	30.05	9.01		1.8	0.861	92.5
974	12/22/2008 13:46	7.95	46.733	30.04	8.93		1.7	0.768	91.6
975	12/22/2008 14:01	7.93	46.826	30.11	9.28		1.8	0.706	95.1
976	12/22/2008 14:16	7.93	46.736	30.04	8.93		1.6	0.66	91.5
977	12/22/2008 14:31	7.91	46.712	30.03	8.79		1.6	0.626	90.1
978	12/22/2008 14:46	7.89	46.674	30	8.71		1.6	0.582	89.2
979	12/22/2008 15:01	7.88	46.691	30.01	8.65		1.1	0.586	88.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
980	12/22/2008 15:16	7.87	46.688	30.01	8.56		1.2	0.585	87.6
981	12/22/2008 15:31	7.86	46.827	30.1	8.82		1	0.622	90.3
982	12/22/2008 15:46	7.85	46.877	30.14	9.02		1	0.626	92.3
983	12/22/2008 16:01	7.82	47.307	30.44	10.19		1.5	0.701	104.5
984	12/22/2008 16:16	7.82	46.287	29.72	10.23		2.6	0.746	104.4
985	12/22/2008 16:31	7.81	46.291	29.72	10.08		2.6	0.801	102.8
986	12/22/2008 16:46	7.81	46.244	29.68	10.16		2.1	0.878	103.6
987	12/22/2008 17:01	7.78	46.098	29.58	10.11		2.3	0.96	103
988	12/22/2008 17:16	7.79	46	29.51	10.06		2.6	1.026	102.4
989	12/22/2008 17:31	7.8	45.746	29.33	10.08		2.9	1.087	102.5
990	12/22/2008 17:46	7.81	46.117	29.59	9.92		1.9	1.178	101.1
991	12/22/2008 18:01	7.81	46.35	29.76	10.04		1.8	1.226	102.4
992	12/22/2008 18:16	7.82	46.556	29.91	9.98		1.7	1.296	102
993	12/22/2008 18:31	7.83	46.825	30.1	9.9		1.8	1.38	101.3
994	12/22/2008 18:46	7.82	47.107	30.3	9.85		1.8	1.447	100.8
995	12/22/2008 19:01	7.8	47.207	30.37	9.85		1.7	1.501	100.8
996	12/22/2008 19:16	7.79	47.437	30.53	9.79		1.7	1.564	100.4
997	12/22/2008 19:31	7.79	47.592	30.64	9.74		1.4	1.611	99.9
998	12/22/2008 19:46	7.82	47.75	30.76	9.72		1.3	1.67	99.8
999	12/22/2008 20:01	7.84	47.908	30.87	9.69		1.1	1.715	99.7
1000	12/22/2008 20:16	7.86	47.972	30.92	9.63		1.4	1.784	99.1
1001	12/22/2008 20:31	7.89	47.984	30.93	9.64		1	1.831	99.3
1002	12/22/2008 20:46	7.9	48.034	30.97	9.6		0.9	1.866	98.9
1003	12/22/2008 21:01	7.92	48.047	30.98	9.54		1	1.891	98.3
1004	12/22/2008 21:16	7.94	48.093	31.01	9.56		1	1.922	98.6
1005	12/22/2008 21:31	7.96	48.086	31.01	9.48		0.7	1.931	97.8
1006	12/22/2008 21:46	7.97	48.139	31.05	9.47		0.8	1.952	97.8
1007	12/22/2008 22:01	7.97	48.131	31.04	9.44		0.3	1.949	97.4
1008	12/22/2008 22:16	7.94	48.094	31.01	9.33		0.4	1.93	96.2
1009	12/22/2008 22:31	7.87	47.95	30.9	9.32		0.7	1.909	95.9
1010	12/22/2008 22:46	7.86	47.924	30.89	9.23		0.5	1.869	95
1011	12/22/2008 23:01	7.86	47.922	30.88	9.19		0.7	1.852	94.5
1012	12/22/2008 23:16	7.82	47.779	30.78	9.28		0.9	1.805	95.3
1013	12/22/2008 23:31	7.79	47.733	30.74	9.27		1	1.751	95.1
1014	12/22/2008 23:46	7.75	47.668	30.69	9.34		0.9	1.712	95.7
1015	12/23/2008 0:01	7.76	47.642	30.68	9.38		0.6	1.67	96.2
1016	12/23/2008 0:16	7.76	47.611	30.65	9.42		0.8	1.619	96.5
1017	12/23/2008 0:31	7.76	47.478	30.56	9.37		1.1	1.575	96
1018	12/23/2008 0:46	7.72	47.357	30.47	9.38		1.5	1.551	95.9
1019	12/23/2008 1:01	7.64	47.27	30.4	9.46		1.8	1.539	96.5
1020	12/23/2008 1:16	7.61	47.19	30.34	9.6		1.5	1.5	97.9
1021	12/23/2008 1:31	7.62	47.079	30.26	9.51		1.2	1.447	96.9
1022	12/23/2008 1:46	7.6	47.033	30.23	9.53		0.9	1.436	97.1
1023	12/23/2008 2:01	7.6	47.025	30.22	9.46		0.6	1.447	96.3
1024	12/23/2008 2:16	7.61	47.002	30.21	9.39		0.5	1.421	95.6
1025	12/23/2008 2:31	7.63	47.006	30.21	9.3		0.6	1.443	94.8
1026	12/23/2008 2:46	7.57	47.11	30.28	9.46		1.5	1.485	96.3
1027	12/23/2008 3:01	7.57	47.099	30.27	9.55		1.3	1.506	97.3
1028	12/23/2008 3:16	7.59	47.093	30.27	9.48		1.2	1.541	96.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1029	12/23/2008 3:31	7.62	47.143	30.31	9.61		1.6	1.583	98
1030	12/23/2008 3:46	7.61	47.096	30.27	9.61		1.3	1.618	97.9
1031	12/23/2008 4:01	7.68	47.129	30.3	9.58		1.2	1.683	97.8
1032	12/23/2008 4:16	7.77	47.465	30.55	9.63		1.2	1.744	98.7
1033	12/23/2008 4:31	7.87	47.642	30.69	9.6		1.4	1.813	98.6
1034	12/23/2008 4:46	7.85	47.718	30.74	9.64		1.8	1.883	99
1035	12/23/2008 5:01	7.95	47.798	30.8	9.56		1.5	1.962	98.5
1036	12/23/2008 5:16	8	48.093	31.02	9.57		1.1	1.992	98.8
1037	12/23/2008 5:31	8.08	48.375	31.23	9.57		1.4	2.092	99.1
1038	12/23/2008 5:46	8.11	48.419	31.26	9.55		1.2	2.128	99.1
1039	12/23/2008 6:01	8.21	48.599	31.4	9.57		1.3	2.228	99.6
1040	12/23/2008 6:16	8.3	48.698	31.48	9.58		1.2	2.303	99.9
1041	12/23/2008 6:31	8.36	48.74	31.51	9.58		1.3	2.367	100.1
1042	12/23/2008 6:46	8.55	48.812	31.58	9.66		1.3	2.434	101.4
1043	12/23/2008 7:01	8.65	49.059	31.76	9.71		1.1	2.505	102.3
1044	12/23/2008 7:16	8.71	49.128	31.82	9.72		1	2.552	102.6
1045	12/23/2008 7:31	8.76	49.208	31.88	9.72		0.7	2.602	102.8
1046	12/23/2008 7:46	8.79	49.29	31.94	9.7		0.7	2.654	102.6
1047	12/23/2008 8:01	8.84	49.286	31.94	9.69		0.3	2.687	102.6
1048	12/23/2008 8:16	8.88	49.386	32.02	9.64		0.9	2.718	102.2
1049	12/23/2008 8:31	8.88	49.422	32.04	9.62		0.2	2.72	102
1050	12/23/2008 8:46	8.82	49.382	32.01	9.49		0.7	2.707	100.6
1051	12/23/2008 9:01	8.83	49.372	32	9.45		0.4	2.696	100.1
1052	12/23/2008 9:16	8.83	49.335	31.98	9.33		0.2	2.652	98.9
1053	12/23/2008 9:31	8.76	49.242	31.9	9.28		0.4	2.603	98.1
1054	12/23/2008 9:46	8.37	49.058	31.74	9.52		1.1	2.534	99.6
1055	12/23/2008 10:01	8.21	48.745	31.5	9.64		1.5	2.442	100.4
1056	12/23/2008 10:16	7.98	48.379	31.22	9.68		1.6	2.381	100
1057	12/23/2008 10:31	7.85	48.042	30.97	9.67		1.6	2.287	99.6
1058	12/23/2008 10:46	7.87	48.001	30.94	9.7		1.6	2.178	99.9
1059	12/23/2008 11:01	7.85	47.912	30.88	9.78		1.8	2.083	100.6
1060	12/23/2008 11:16	7.84	47.796	30.79	9.83		1.6	1.986	101
1061	12/23/2008 11:31	7.81	47.636	30.68	9.86		1.5	1.889	101.2
1062	12/23/2008 11:46	7.8	47.562	30.62	9.87		1.6	1.771	101.2
1063	12/23/2008 12:01	7.79	47.467	30.55	9.79		1.6	1.665	100.3
1064	12/23/2008 12:16	7.76	47.421	30.52	9.83		1.6	1.556	100.7
1065	12/23/2008 12:31	7.74	47.265	30.41	9.81		2	1.445	100.4
1066	12/23/2008 12:46	7.75	47.081	30.27	9.58		1.9	1.337	97.9
1067	12/23/2008 13:01	7.77	46.546	29.9	9.24		2.1	1.201	94.2
1068	12/23/2008 13:16	7.76	46.454	29.83	9.63		2.3	1.101	98.2
1069	12/23/2008 13:31	7.72	46.419	29.8	9.69		2.1	0.991	98.7
1070	12/23/2008 13:46	7.71	46.451	29.82	9.98		1.9	0.863	101.7
1071	12/23/2008 14:01	7.71	46.227	29.66	9.29		1.8	0.755	94.5
1072	12/23/2008 14:16	7.7	46.193	29.64	9.18		2.2	0.632	93.4
1073	12/23/2008 14:31	7.66	46.242	29.67	9.44		1.7	0.549	95.9
1074	12/23/2008 14:46	7.66	46.174	29.62	9.07		1.8	0.494	92.1
1075	12/23/2008 15:01	7.63	46.159	29.61	9.05		2.1	0.397	91.8
1076	12/23/2008 15:16	7.6	46.211	29.64	9.02		1.8	0.355	91.5
1077	12/23/2008 15:31	7.59	46.21	29.64	8.9		1.6	0.368	90.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1078	12/23/2008 15:46	7.57	46.21	29.64	8.88		1.6	0.348	90
1079	12/23/2008 16:01	7.55	46.24	29.66	8.66		0.7	0.377	87.7
1080	12/23/2008 16:16	7.53	46.31	29.71	8.63		0.2	0.422	87.5
1081	12/23/2008 16:31	7.49	46.834	30.08	9.61		1.5	0.469	97.6
1082	12/23/2008 16:46	7.47	46.67	29.96	10.28		1.8	0.569	104.2
1083	12/23/2008 17:01	7.47	45.744	29.3	10.39		2.7	0.641	104.9
1084	12/23/2008 17:16	7.47	45.516	29.14	10.32		2.3	0.677	104
1085	12/23/2008 17:31	7.49	45.647	29.24	10.22		2	0.783	103.1
1086	12/23/2008 17:46	7.53	45.761	29.32	10.25		1.8	0.858	103.6
1087	12/23/2008 18:01	7.54	45.762	29.32	10.26		2	0.919	103.7
1088	12/23/2008 18:16	7.55	45.833	29.37	10.22		1.9	0.991	103.3
1089	12/23/2008 18:31	7.55	45.927	29.44	10.23		1.6	1.066	103.6
1090	12/23/2008 18:46	7.58	45.988	29.48	10.17		1.8	1.136	103
1091	12/23/2008 19:01	7.59	45.879	29.41	10.09		2.1	1.216	102.1
1092	12/23/2008 19:16	7.6	45.892	29.42	10.03		1.9	1.269	101.7
1093	12/23/2008 19:31	7.62	46.116	29.58	9.95		1.5	1.349	100.9
1094	12/23/2008 19:46	7.64	46.945	30.17	9.89		1.5	1.43	100.7
1095	12/23/2008 20:01	7.63	46.929	30.16	9.89		1.6	1.491	100.8
1096	12/23/2008 20:16	7.64	46.897	30.13	9.88		1.6	1.561	100.6
1097	12/23/2008 20:31	7.66	47.038	30.24	9.84		1.7	1.627	100.3
1098	12/23/2008 20:46	7.7	47.233	30.38	9.8		1.5	1.692	100.1
1099	12/23/2008 21:01	7.74	47.344	30.46	9.77		1.6	1.754	99.9
1100	12/23/2008 21:16	7.8	47.465	30.55	9.75		1.5	1.821	100
1101	12/23/2008 21:31	7.84	47.533	30.6	9.73		1.3	1.861	99.8
1102	12/23/2008 21:46	7.88	47.64	30.68	9.71		1.1	1.917	99.8
1103	12/23/2008 22:01	7.92	47.717	30.74	9.68		1.2	1.966	99.7
1104	12/23/2008 22:16	7.96	47.781	30.79	9.68		1	1.987	99.7
1105	12/23/2008 22:31	8.04	47.906	30.89	9.66		0.9	2.027	99.8
1106	12/23/2008 22:46	8.07	47.971	30.94	9.63		0.6	2.043	99.6
1107	12/23/2008 23:01	8.04	47.957	30.92	9.59		0.4	2.038	99.1
1108	12/23/2008 23:16	8.03	47.935	30.91	9.5		0.2	2.032	98.1
1109	12/23/2008 23:31	8.01	47.862	30.85	9.4		0.4	2.003	97
1110	12/23/2008 23:46	7.94	47.69	30.73	9.3		0.5	1.964	95.7
1111	12/24/2008 0:01	7.93	47.636	30.69	9.31		0.5	1.913	95.8
1112	12/24/2008 0:16	7.92	47.569	30.64	9.19		0.9	1.866	94.5
1113	12/24/2008 0:31	7.86	47.485	30.57	9.32		1.1	1.814	95.6
1114	12/24/2008 0:46	7.82	47.419	30.52	9.3		1	1.764	95.4
1115	12/24/2008 1:01	7.78	47.272	30.41	9.31		1.2	1.699	95.3
1116	12/24/2008 1:16	7.77	47.145	30.32	9.28		1	1.654	94.9
1117	12/24/2008 1:31	7.75	47.072	30.27	9.25		0.9	1.63	94.5
1118	12/24/2008 1:46	7.72	46.991	30.21	9.23		0.8	1.59	94.3
1119	12/24/2008 2:01	7.69	46.913	30.15	9.22		1.2	1.558	94.1
1120	12/24/2008 2:16	7.67	46.929	30.16	9.22		0.9	1.55	94
1121	12/24/2008 2:31	7.65	46.907	30.14	9.2		0.5	1.538	93.7
1122	12/24/2008 2:46	7.63	46.919	30.15	9.18		0.5	1.531	93.5
1123	12/24/2008 3:01	7.62	46.907	30.14	9.08		0.3	1.525	92.5
1124	12/24/2008 3:16	7.61	46.889	30.13	9.02		0.4	1.527	91.8
1125	12/24/2008 3:31	7.58	46.894	30.13	9.25		1.2	1.566	94.1
1126	12/24/2008 3:46	7.57	46.853	30.1	9.22		0.6	1.579	93.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1127	12/24/2008 4:01	7.57	46.86	30.1	9.07		0.7	1.603	92.2
1128	12/24/2008 4:16	7.62	46.946	30.17	9.34		0.9	1.654	95.2
1129	12/24/2008 4:31	7.55	46.835	30.08	9.67		1.7	1.71	98.3
1130	12/24/2008 4:46	7.58	46.783	30.05	9.45		1.2	1.752	96.1
1131	12/24/2008 5:01	7.68	46.988	30.2	9.57		1.1	1.807	97.6
1132	12/24/2008 5:16	7.86	47.391	30.51	9.69		1.2	1.877	99.4
1133	12/24/2008 5:31	7.9	47.538	30.61	9.72		1.4	1.939	99.9
1134	12/24/2008 5:46	7.97	47.625	30.68	9.72		1.2	2.008	100.2
1135	12/24/2008 6:01	8.13	48.077	31.02	9.73		1.2	2.082	100.8
1136	12/24/2008 6:16	8.16	48.157	31.08	9.75		1.2	2.162	101.2
1137	12/24/2008 6:31	8.2	48.221	31.13	9.74		1.2	2.237	101.1
1138	12/24/2008 6:46	8.26	48.295	31.18	9.75		0.9	2.305	101.4
1139	12/24/2008 7:01	8.4	48.523	31.36	9.72		1	2.381	101.5
1140	12/24/2008 7:16	8.48	48.586	31.41	9.72		0.8	2.452	101.8
1141	12/24/2008 7:31	8.55	48.608	31.43	9.68		0.9	2.502	101.5
1142	12/24/2008 7:46	8.7	48.836	31.61	9.7		0.8	2.567	102.2
1143	12/24/2008 8:01	8.77	49.019	31.74	9.68		0.7	2.629	102.2
1144	12/24/2008 8:16	8.79	49.089	31.8	9.64		0.4	2.676	101.9
1145	12/24/2008 8:31	8.83	49.113	31.82	9.63		0.3	2.715	101.8
1146	12/24/2008 8:46	8.86	49.209	31.89	9.58		0.7	2.745	101.5
Mean		8.31	48.58	31.39	9.40	0.00	2.27	1.69	98.01
Minimum		6.89	45.52	29.14	8.02	0.00	0.00	0.00	81.60
Maximum		10.37	50.31	32.73	10.61	0.00	8.30	3.20	108.70
Standard Dev.		0.90	1.12	0.86	0.37	0.00	1.64	0.68	3.71

pH probe malfunction

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					TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	12/24/2008 9:16	8.77	48.472	31.35	9.72	8.05		2.691	102.3
1	12/24/2008 9:31	8.78	48.665	31.49	9.42	8.03		2.69	99.4
2	12/24/2008 9:46	8.78	48.769	31.57	9.42	8.01	5.7	2.668	99.4
3	12/24/2008 10:01	8.79	48.769	31.57	9.44	8	4.7	2.643	99.6
4	12/24/2008 10:16	8.81	48.446	31.34	9.47	7.98	4.2	2.606	99.8
5	12/24/2008 10:31	8.81	48.13	31.11	9.28	7.91	6.2	2.525	97.6
6	12/24/2008 10:46	8.73	48.057	31.05	9.14	7.93	5.7	2.462	96
7	12/24/2008 11:01	8.65	48.203	31.15	9.11	7.93	5.3	2.371	95.6
8	12/24/2008 11:16	8.55	48.035	31.02	9.13	7.93	4.6	2.261	95.5
9	12/24/2008 11:31	8.44	47.523	30.65	9.35	7.95	3.5	2.166	97.3
10	12/24/2008 11:46	8.34	47.967	30.96	9.4	7.95	3.2	2.068	97.9
11	12/24/2008 12:01	8.36	47.782	30.83	9.23	7.94	3.5	1.93	96
12	12/24/2008 12:16	8.35	47.641	30.72	9.23	7.94	3.4	1.835	95.9
13	12/24/2008 12:31	8.34	47.298	30.48	9.19	7.94	3.2	1.729	95.4
14	12/24/2008 12:46	8.33	47.066	30.31	9.11	7.93	3.1	1.604	94.4
15	12/24/2008 13:01	8.29	46.858	30.16	9.12	7.94	3.2	1.487	94.4
16	12/24/2008 13:16	8.27	46.519	29.92	9.13	7.94	3.3	1.366	94.2
17	12/24/2008 13:31	8.24	46.482	29.89	9.16	7.94	3.1	1.265	94.4
18	12/24/2008 13:46	8.21	46.426	29.85	9.15	7.94	3.1	1.137	94.2
19	12/24/2008 14:01	8.19	46.184	29.67	9.17	7.94	3.1	1.019	94.3
20	12/24/2008 14:16	8.16	45.944	29.5	9.2	7.94	3.7	0.892	94.4
21	12/24/2008 14:31	8.13	45.742	29.35	9.22	7.94	3.7	0.77	94.5
22	12/24/2008 14:46	8.09	45.947	29.5	9.26	7.94	3.7	0.658	94.9
23	12/24/2008 15:01	8.07	45.599	29.25	9.2	7.94	5.2	0.538	94.1
24	12/24/2008 15:16	8.04	45.618	29.26	9.16	7.93	3.8	0.445	93.7
25	12/24/2008 15:31	8.01	45.32	29.05	9.13	7.93	3.7	0.39	93.2
26	12/24/2008 15:46	7.98	45.151	28.92	9.12	7.93	5.1	0.313	92.9
27	12/24/2008 16:01	7.96	45.281	29.02	9.09	7.93	5.9	0.273	92.6
28	12/24/2008 16:16	7.95	45.299	29.03	9.06	7.93	5.5	0.256	92.3
29	12/24/2008 16:31	7.94	45.21	28.96	9.05	7.92	5.2	0.267	92.2
30	12/24/2008 16:46	7.93	45.335	29.05	8.87	7.91	2.9	0.293	90.3
31	12/24/2008 17:01	7.92	45.567	29.21	8.62	7.88	1.8	0.339	87.8
32	12/24/2008 17:16	7.88	45.652	29.27	8.77	7.88	2	0.398	89.4
33	12/24/2008 17:31	7.88	44.915	28.75	9.8	7.99	3.8	0.483	99.5
34	12/24/2008 17:46	7.87	44.738	28.62	9.83	8	3.9	0.543	99.7
35	12/24/2008 18:01	7.86	45.035	28.83	9.83	8.08	4	0.626	99.8
36	12/24/2008 18:16	7.85	44.645	28.56	9.85	7.99	3.4	0.713	99.8
37	12/24/2008 18:31	7.85	44.987	28.8	10.08	8.01	3.2	0.803	102.3
38	12/24/2008 18:46	7.85	45.11	28.89	10.07	8.01	3.4	0.863	102.3
39	12/24/2008 19:01	7.86	44.983	28.8	10.04	8.01	2.9	0.947	101.9
40	12/24/2008 19:16	7.86	44.956	28.78	10	8	2.9	1.048	101.4
41	12/24/2008 19:31	7.87	44.917	28.75	9.99	8	2.7	1.114	101.4
42	12/24/2008 19:46	7.92	45.265	29	9.92	7.99	2.4	1.189	101
43	12/24/2008 20:01	7.95	45.849	29.42	9.85	7.98	2.1	1.26	100.6
44	12/24/2008 20:16	7.94	46.652	29.99	9.8	7.98	2.4	1.335	100.4
45	12/24/2008 20:31	7.95	46.549	29.91	9.85	7.98	2.3	1.414	100.9
46	12/24/2008 20:46	7.97	46.689	30.01	9.81	7.98	2.6	1.479	100.6
47	12/24/2008 21:01	8	46.719	30.04	9.8	7.98	2.9	1.557	100.6
48	12/24/2008 21:16	8.03	46.538	29.91	9.76	7.97	2.8	1.63	100.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
49	12/24/2008 21:31	8.08	46.935	30.2	9.74	7.97	2.6	1.697	100.3
50	12/24/2008 21:46	8.13	46.971	30.23	9.71	7.97	2.4	1.765	100.1
51	12/24/2008 22:01	8.19	47.097	30.32	9.7	7.97	2.2	1.833	100.2
52	12/24/2008 22:16	8.27	47.349	30.51	9.66	7.96	2.2	1.904	100.1
53	12/24/2008 22:31	8.32	47.229	30.43	9.64	7.96	2.2	1.953	99.9
54	12/24/2008 22:46	8.43	47.485	30.62	9.6	7.96	2.2	2.019	99.8
55	12/24/2008 23:01	8.51	47.981	30.98	9.53	8.08	2	2.059	99.6
56	12/24/2008 23:16	8.57	47.651	30.75	9.54	7.96	1.6	2.087	99.6
57	12/24/2008 23:31	8.63	47.893	30.93	9.44	7.95	1.6	2.125	98.8
58	12/24/2008 23:46	8.6	47.876	30.91	9.42	7.94	1.9	2.1	98.5
59	12/25/2008 0:01	8.6	47.644	30.75	9.39	7.94	1.6	2.08	98.2
60	12/25/2008 0:16	8.62	47.818	30.87	9.37	7.94	1.5	2.083	98.1
61	12/25/2008 0:31	8.62	47.828	30.88	9.34	7.93	1.3	2.05	97.7
62	12/25/2008 0:46	8.62	47.286	30.49	9.33	7.93	1.2	1.999	97.4
63	12/25/2008 1:01	8.57	47.262	30.47	9.27	7.92	2	1.911	96.7
64	12/25/2008 1:16	8.51	46.974	30.26	9.27	7.92	2.1	1.872	96.4
65	12/25/2008 1:31	8.44	47.178	30.4	9.27	7.92	2	1.813	96.3
66	12/25/2008 1:46	8.39	46.966	30.25	9.31	7.93	1.9	1.739	96.5
67	12/25/2008 2:01	8.36	47.128	30.36	9.3	7.93	1.8	1.688	96.5
68	12/25/2008 2:16	8.34	46.692	30.05	9.32	7.93	1.9	1.649	96.4
69	12/25/2008 2:31	8.32	47.111	30.34	9.29	8.05	1.9	1.615	96.3
70	12/25/2008 2:46	8.29	46.739	30.08	9.3	8.05	1.9	1.582	96.1
71	12/25/2008 3:01	8.25	46.663	30.02	9.3	7.93	2.1	1.544	96
72	12/25/2008 3:16	8.23	46.883	30.17	9.25	8.04	2	1.544	95.5
73	12/25/2008 3:31	8.21	46.831	30.14	9.2	8.04	2.1	1.537	95
74	12/25/2008 3:46	8.17	46.799	30.11	9.21	8.04	2.2	1.528	94.9
75	12/25/2008 4:01	8.12	46.84	30.13	9.22	8.04	2.6	1.54	94.9
76	12/25/2008 4:16	8.05	46.93	30.19	9.23	8.03	3.4	1.569	94.9
77	12/25/2008 4:31	8.04	46.963	30.22	9.19	8.03	2.9	1.606	94.5
78	12/25/2008 4:46	8.03	46.954	30.21	9.14	8.03	3.1	1.629	94
79	12/25/2008 5:01	8.03	46.717	30.04	9.22	8.02	2.8	1.672	94.7
80	12/25/2008 5:16	8.03	47.003	30.24	9.38	8.04	4	1.718	96.4
81	12/25/2008 5:31	8.07	47.017	30.26	9.48	8.05	4.3	1.763	97.6
82	12/25/2008 5:46	8.1	46.978	30.23	9.45	8.06	3.5	1.81	97.4
83	12/25/2008 6:01	8.14	46.907	30.18	9.55	7.95	3.5	1.884	98.4
84	12/25/2008 6:16	8.17	47.284	30.45	9.49	8.07	3	1.939	98
85	12/25/2008 6:31	8.2	46.951	30.22	9.51	7.95	3.2	2.009	98.2
86	12/25/2008 6:46	8.25	47.574	30.67	9.52	7.95	2.9	2.083	98.7
87	12/25/2008 7:01	8.34	47.244	30.44	9.53	7.95	2.5	2.164	98.8
88	12/25/2008 7:16	8.48	47.965	30.97	9.52	7.96	2.1	2.229	99.4
89	12/25/2008 7:31	8.56	48.139	31.1	9.5	7.96	2.1	2.308	99.5
90	12/25/2008 7:46	8.64	48.368	31.27	9.52	7.96	2.1	2.384	100
91	12/25/2008 8:01	8.71	48.62	31.45	9.44	8.1	1.8	2.453	99.4
92	12/25/2008 8:16	8.79	48.641	31.47	9.41	8.1	1.8	2.519	99.2
93	12/25/2008 8:31	8.87	48.792	31.59	9.34	8.1	1.6	2.576	98.8
94	12/25/2008 8:46	8.94	48.655	31.5	9.37	7.96	1.6	2.617	99.2
95	12/25/2008 9:01	8.97	49.013	31.76	9.34	8.1	1.4	2.662	99.1
96	12/25/2008 9:16	8.99	49.062	31.79	9.26	8.1	1.6	2.698	98.3
97	12/25/2008 9:31	9.01	48.983	31.74	9.23	7.95	1.2	2.73	97.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
98	12/25/2008 9:46	9.03	49.166	31.87	9.18	8.1	1.3	2.771	97.6
99	12/25/2008 10:01	9.03	48.687	31.53	9.19	7.94	1.2	2.765	97.5
100	12/25/2008 10:16	9.02	49.184	31.88	9.17	8.09	1.2	2.738	97.5
101	12/25/2008 10:31	9.02	48.794	31.6	9.09	7.94	1.2	2.725	96.5
102	12/25/2008 10:46	9.02	48.901	31.68	9.09	7.93	1	2.687	96.5
103	12/25/2008 11:01	9.01	49.036	31.78	9.01	8.08	1.2	2.59	95.7
104	12/25/2008 11:16	8.81	48.5	31.38	9.21	7.94	2.3	2.505	97.2
105	12/25/2008 11:31	8.46	48.288	31.2	9.43	7.95	2.6	2.448	98.5
106	12/25/2008 11:46	8.45	47.83	30.87	9.44	7.94	2.5	2.345	98.4
107	12/25/2008 12:01	8.45	47.798	30.84	9.35	7.93	2.1	2.244	97.4
108	12/25/2008 12:16	8.46	47.719	30.79	9.19	8.06	2.1	2.134	95.8
109	12/25/2008 12:31	8.35	47.116	30.35	9.24	7.92	3	2.042	95.8
110	12/25/2008 12:46	8.3	47.148	30.37	9.26	7.92	3.3	1.919	95.9
111	12/25/2008 13:01	8.23	46.74	30.07	9.3	7.92	3.8	1.826	96
112	12/25/2008 13:16	8.25	46.868	30.16	9.08	7.9	2.9	1.706	93.8
113	12/25/2008 13:31	8.26	47.127	30.35	9.11	8.04	3.7	1.574	94.2
114	12/25/2008 13:46	8.24	46.918	30.2	9.13	8.04	3	1.466	94.4
115	12/25/2008 14:01	8.22	46.228	29.71	9.23	7.93	3.4	1.341	95.1
116	12/25/2008 14:16	8.21	45.724	29.35	9.26	7.93	2.7	1.193	95.1
117	12/25/2008 14:31	8.17	45.828	29.42	9.3	8.05	3	1.138	95.5
118	12/25/2008 14:46	8.14	45.318	29.05	9.32	7.94	2.7	1.021	95.3
119	12/25/2008 15:01	8.11	45.241	29	9.29	8.05	2.7	0.894	95
120	12/25/2008 15:16	8.06	45.296	29.03	9.25	8.04	2.8	0.783	94.5
121	12/25/2008 15:31	8.02	45.018	28.83	9.21	8.03	2.6	0.675	93.9
122	12/25/2008 15:46	7.98	44.809	28.68	9.22	7.93	2.7	0.581	93.7
123	12/25/2008 16:01	7.95	44.959	28.79	9.24	8.03	3.1	0.461	93.9
124	12/25/2008 16:16	7.92	44.969	28.79	9.22	8.03	3.3	0.369	93.7
125	12/25/2008 16:31	7.9	44.891	28.73	9.18	8.02	3.1	0.327	93.2
126	12/25/2008 16:46	7.87	44.826	28.69	9.16	8.02	3.2	0.283	92.9
127	12/25/2008 17:01	7.82	44.797	28.66	9.17	8	3.5	0.248	92.9
128	12/25/2008 17:16	7.81	44.771	28.64	9.02	7.98	2.1	0.298	91.3
129	12/25/2008 17:31	7.77	45.1	28.87	8.81	7.95	1.3	0.335	89.3
130	12/25/2008 17:46	7.7	45.037	28.82	8.77	7.95	4.2	0.397	88.7
131	12/25/2008 18:01	7.61	45.238	28.96	9.27	8	13.4	0.393	93.6
132	12/25/2008 18:16	7.51	45.636	29.23	9.56	8.03	21.1	0.492	96.5
133	12/25/2008 18:31	7.52	44.95	28.75	9.58	8.03	22	0.612	96.4
134	12/25/2008 18:46	7.52	44.533	28.45	9.64	7.99	19	0.7	96.9
135	12/25/2008 19:01	7.53	44.564	28.47	9.54	8.03	17.3	0.738	95.9
136	12/25/2008 19:16	7.55	44.525	28.45	9.59	8.03	15.7	0.815	96.4
137	12/25/2008 19:31	7.57	44.463	28.41	9.63	8.03	17.7	0.984	96.8
138	12/25/2008 19:46	7.57	44.459	28.4	9.53	7.98	15	0.993	95.9
139	12/25/2008 20:01	7.66	44.688	28.57	9.69	7.99	13.2	1.114	97.8
140	12/25/2008 20:16	7.67	45.342	29.03	9.65	8.05	11	1.153	97.7
141	12/25/2008 20:31	7.71	44.834	28.68	9.69	8.04	9	1.253	97.9
142	12/25/2008 20:46	7.73	45.063	28.84	9.67	8.04	8.2	1.28	97.9
143	12/25/2008 21:01	7.77	45.09	28.86	9.69	8.05	8	1.436	98.2
144	12/25/2008 21:16	7.79	44.919	28.75	9.68	7.99	6.6	1.47	98.1
145	12/25/2008 21:31	7.85	45.573	29.21	9.72	8.05	6.7	1.564	98.9
146	12/25/2008 21:46	7.85	45.518	29.17	9.69	8.05	7.1	1.634	98.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
147	12/25/2008 22:01	7.94	45.892	29.45	9.62	7.99	4.9	1.704	98.2
148	12/25/2008 22:16	7.99	46.584	29.94	9.63	8.06	4.8	1.769	98.8
149	12/25/2008 22:31	8	46.47	29.86	9.65	8.06	4.9	1.818	98.9
150	12/25/2008 22:46	8.03	46.174	29.65	9.61	7.98	5.1	1.934	98.5
151	12/25/2008 23:01	8.08	46.362	29.79	9.63	7.98	4.4	1.999	98.8
152	12/25/2008 23:16	8.11	46.539	29.92	9.6	8.06	4	2.005	98.8
153	12/25/2008 23:31	8.16	46.613	29.98	9.51	8.06	3.8	2.063	97.9
154	12/25/2008 23:46	8.2	46.816	30.12	9.5	8.06	3.2	2.101	98
155	12/26/2008 0:01	8.21	46.666	30.02	9.45	7.97	2.6	2.107	97.5
156	12/26/2008 0:16	8.19	46.543	29.93	9.45	7.96	2.7	2.052	97.3
157	12/26/2008 0:31	8.21	46.765	30.09	9.37	8.05	2.3	2.077	96.7
158	12/26/2008 0:46	8.2	46.618	29.98	9.36	7.96	2.5	2.031	96.5
159	12/26/2008 1:01	8.17	46.338	29.78	9.32	7.95	2.7	2.016	95.9
160	12/26/2008 1:16	8.12	46.395	29.82	9.29	7.95	2.9	2.001	95.5
161	12/26/2008 1:31	7.98	46.616	29.96	9.22	8.04	3.5	1.925	94.5
162	12/26/2008 1:46	7.89	46.498	29.87	9.25	8.04	4.2	1.922	94.6
163	12/26/2008 2:01	7.81	46.409	29.8	9.34	8.04	4.9	1.889	95.3
164	12/26/2008 2:16	7.79	46.178	29.64	9.34	7.95	4.8	1.808	95.2
165	12/26/2008 2:31	7.73	46.218	29.66	9.33	8.04	4.4	1.754	94.9
166	12/26/2008 2:46	7.74	45.827	29.38	9.25	7.95	4	1.706	94
167	12/26/2008 3:01	7.73	45.594	29.22	9.26	8.03	4.2	1.649	94
168	12/26/2008 3:16	7.69	45.494	29.14	9.23	8.03	4.8	1.602	93.6
169	12/26/2008 3:31	7.67	45.406	29.08	9.22	8.03	4.9	1.591	93.3
170	12/26/2008 3:46	7.63	45.84	29.38	9.16	8.01	4.7	1.536	92.8
171	12/26/2008 4:01	7.58	45.051	28.82	9.18	8.02	5.6	1.53	92.6
172	12/26/2008 4:16	7.58	44.85	28.68	9.13	7.95	4.3	1.519	92
173	12/26/2008 4:31	7.56	45.07	28.83	9.13	7.94	4.9	1.471	92
174	12/26/2008 4:46	7.54	45.052	28.82	9.11	8.02	5.4	1.495	91.8
175	12/26/2008 5:01	7.55	45.014	28.79	8.87	7.92	3.1	1.519	89.4
176	12/26/2008 5:16	7.55	45.189	28.92	8.94	8.01	4.3	1.512	90.2
177	12/26/2008 5:31	7.4	44.924	28.72	9.12	7.94	5.8	1.587	91.5
178	12/26/2008 5:46	7.4	45.372	29.03	9.08	7.94	5.2	1.613	91.4
179	12/26/2008 6:01	7.51	45.529	29.15	9.33	8.02	6.5	1.67	94.2
180	12/26/2008 6:16	7.52	45.193	28.92	9.34	7.95	6.1	1.753	94.1
181	12/26/2008 6:31	7.61	45.477	29.13	9.32	8.03	5	1.763	94.3
182	12/26/2008 6:46	7.8	45.882	29.43	9.51	8.06	5.3	1.827	96.8
183	12/26/2008 7:01	7.89	45.974	29.5	9.57	7.97	5.8	1.946	97.6
184	12/26/2008 7:16	7.92	46.14	29.62	9.5	8.06	4.9	1.997	97.1
185	12/26/2008 7:31	8.03	46.474	29.87	9.56	8.07	4.4	2.033	98.1
186	12/26/2008 7:46	8.16	46.031	29.56	9.65	7.67	5.4	2.173	99.2
187	12/26/2008 8:01	8.23	46.855	30.15	9.65	7.97	6.5	2.26	99.6
188	12/26/2008 8:16	8.31	47.068	30.31	9.7	7.98	4.9	2.339	100.4
189	12/26/2008 8:31	8.32	47.297	30.48	9.75	7.97	6.8	2.36	101.1
190	12/26/2008 8:46	8.35	47.018	30.28	9.75	7.98	4.9	2.503	101
191	12/26/2008 9:01	8.55	47.157	30.39	9.88	7.98	4.3	2.542	102.9
192	12/26/2008 9:16	8.62	47.654	30.75	9.97	7.98	4.3	2.611	104.3
193	12/26/2008 9:31	8.65	47.612	30.73	9.93	7.98	3.7	2.639	103.9
194	12/26/2008 9:46	8.7	47.631	30.74	9.94	7.97	3.6	2.697	104.1
195	12/26/2008 10:01	8.72	47.714	30.81	9.95	7.97	3.4	2.758	104.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
196	12/26/2008 10:16	8.73	47.802	30.87	9.93	7.96	2.7	2.753	104.2
197	12/26/2008 10:31	8.71	47.577	30.71	9.92	7.96	2.9	2.738	103.9
198	12/26/2008 10:46	8.69	47.544	30.68	9.79	7.96	2.8	2.719	102.5
199	12/26/2008 11:01	8.69	47.743	30.82	9.78	7.96	2.7	2.719	102.5
200	12/26/2008 11:16	8.59	47.521	30.66	9.57	7.95	2.9	2.656	100
201	12/26/2008 11:31	8.41	47.155	30.38	9.62	7.96	3.6	2.603	99.9
202	12/26/2008 11:46	8.25	47.003	30.26	9.66	7.96	4.9	2.546	99.9
203	12/26/2008 12:01	8.2	46.629	29.99	9.62	7.95	4	2.469	99.2
204	12/26/2008 12:16	8.17	46.546	29.93	9.59	7.95	3.9	2.4	98.7
205	12/26/2008 12:31	8.13	46.361	29.79	9.6	7.95	3.7	2.302	98.6
206	12/26/2008 12:46	8.14	46.421	29.84	9.51	7.95	3.4	2.207	97.8
207	12/26/2008 13:01	8.12	46.842	30.14	9.48	8.03	4.3	2.108	97.6
208	12/26/2008 13:16	8.09	46.002	29.54	9.49	8.05	4	2.003	97.3
209	12/26/2008 13:31	8.09	45.96	29.51	9.38	8.03	3.9	1.86	96.2
210	12/26/2008 13:46	8.1	45.442	29.14	9.22	7.93	3.8	1.784	94.3
211	12/26/2008 14:01	8.11	45.383	29.1	9.04	7.92	3.6	1.648	92.4
212	12/26/2008 14:16	8.11	45.176	28.95	8.88	7.91	4	1.528	90.7
213	12/26/2008 14:31	8.11	45.01	28.83	8.85	7.91	4.5	1.41	90.3
214	12/26/2008 14:46	8.09	44.729	28.63	8.99	7.92	12.4	1.264	91.7
215	12/26/2008 15:01	8.07	44.588	28.53	9.1	7.92	7.9	1.106	92.6
216	12/26/2008 15:16	8.04	44.459	28.44	9.09	7.92	7.1	0.989	92.4
217	12/26/2008 15:31	7.99	44.583	28.52	9.09	7.91	6.3	0.88	92.3
218	12/26/2008 15:46	7.95	44.433	28.41	9.1	7.91	6.8	0.687	92.3
219	12/26/2008 16:01	7.91	44.621	28.54	9.06	8	7	0.613	91.9
220	12/26/2008 16:16	7.85	44.531	28.48	9.04	7.99	6.6	0.465	91.6
221	12/26/2008 16:31	7.81	44.334	28.33	9.02	7.98	6	0.356	91.2
222	12/26/2008 16:46	7.78	44.14	28.19	9.03	7.98	6.1	0.285	91.1
223	12/26/2008 17:01								
224	12/26/2008 17:16								
225	12/26/2008 17:31								
226	12/26/2008 17:46								
227	12/26/2008 18:01								
228	12/26/2008 18:16	7.59	43.821	27.95	8.72	7.87	4.9	0.215	87.5
229	12/26/2008 18:31	7.55	44.566	28.48	8.47	7.92	3.7	0.294	85.2
230	12/26/2008 18:46	7.49	43.734	27.89	8.7	7.95	7	0.365	87
231	12/26/2008 19:01	7.44	43.783	27.92	9.44	7.94	7.2	0.437	94.3
232	12/26/2008 19:16	7.43	43.717	27.87	9.6	7.95	8.1	0.519	95.9
233	12/26/2008 19:31	7.43	43.536	27.74	9.66	7.96	7.4	0.588	96.5
234	12/26/2008 19:46	7.44	43.436	27.67	9.65	7.96	7.4	0.655	96.3
235	12/26/2008 20:01	7.48	43.541	27.75	9.77	7.97	7.9	0.749	97.6
236	12/26/2008 20:16	7.49	43.904	28.01	9.75	8.03	6.8	0.842	97.6
237	12/26/2008 20:31	7.5	43.605	27.8	9.7	7.97	6.9	0.923	97
238	12/26/2008 20:46	7.55	43.671	27.85	9.74	7.97	6.9	1.016	97.5
239	12/26/2008 21:01	7.63	43.72	27.89	9.79	7.98	7.1	1.117	98.2
240	12/26/2008 21:16	7.62	43.605	27.81	9.73	7.98	6.2	1.204	97.6
241	12/26/2008 21:31	7.66	43.848	27.98	9.73	8.03	6.4	1.311	97.8
242	12/26/2008 21:46	7.73	45.367	29.06	9.76	8.04	5.7	1.4	99
243	12/26/2008 22:01	7.73	45.257	28.98	9.72	7.98	5.9	1.477	98.5
244	12/26/2008 22:16	7.73	45.227	28.96	9.72	7.98	6	1.57	98.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
245	12/26/2008 22:31	7.77	45.4	29.08	9.73	8.05	5.7	1.654	98.8
246	12/26/2008 22:46	7.83	45.352	29.06	9.69	7.97	5.4	1.723	98.4
247	12/26/2008 23:01	7.89	45.54	29.19	9.71	7.97	5.6	1.79	98.9
248	12/26/2008 23:16	7.97	45.559	29.21	9.67	7.97	5.4	1.854	98.6
249	12/26/2008 23:31	8.02	45.769	29.37	9.73	7.97	5.3	1.911	99.5
250	12/26/2008 23:46	8.09	46.073	29.59	9.7	7.97	5.1	1.984	99.5
251	12/27/2008 0:01	8.14	45.951	29.5	9.63	7.96	4.7	2.01	98.8
252	12/27/2008 0:16	8.23	46.406	29.83	9.72	7.97	4.4	2.041	100.1
253	12/27/2008 0:31	8.31	46.571	29.96	9.79	7.96	4.1	2.085	101.2
254	12/27/2008 0:46	8.33	46.67	30.03	9.74	7.96	3.8	2.094	100.7
255	12/27/2008 1:01	8.34	46.459	29.88	9.69	7.96	3.6	2.091	100.2
256	12/27/2008 1:16	8.35	46.452	29.88	9.61	7.96	3.6	2.092	99.3
257	12/27/2008 1:31	8.34	46.327	29.79	9.46	7.95	3.7	2.064	97.7
258	12/27/2008 1:46	8.31	46.197	29.69	9.04	7.93	3.2	1.992	93.2
259	12/27/2008 2:01	8.29	45.917	29.49	8.99	7.92	3.3	1.954	92.6
260	12/27/2008 2:16	8.21	46.035	29.57	8.92	8.01	3.5	1.893	91.7
261	12/27/2008 2:31	8.14	45.654	29.29	9.03	7.92	3.7	1.832	92.6
262	12/27/2008 2:46	8.09	45.41	29.12	9.02	7.92	4	1.775	92.2
263	12/27/2008 3:01	8.04	45.501	29.18	9.05	8.01	4.1	1.707	92.5
264	12/27/2008 3:16	7.98	45.156	28.93	9.12	7.93	4.3	1.643	93
265	12/27/2008 3:31	7.94	45.153	28.92	9.11	7.93	4.4	1.602	92.7
266	12/27/2008 3:46	7.9	45.269	29	9.09	7.93	4.3	1.58	92.5
267	12/27/2008 4:01	7.82	45.126	28.89	9.11	7.93	4.3	1.516	92.4
268	12/27/2008 4:16	7.77	45.057	28.84	9.21	7.93	4.6	1.504	93.3
269	12/27/2008 4:31	7.72	44.834	28.68	9.23	7.93	4.5	1.501	93.3
270	12/27/2008 4:46	7.7	44.874	28.71	9.23	7.93	4.2	1.484	93.3
271	12/27/2008 5:01	7.69	44.905	28.73	9.19	7.92	4	1.458	92.8
272	12/27/2008 5:16	7.68	44.891	28.72	9.07	7.99	2.9	1.478	91.7
273	12/27/2008 5:31	7.68	44.761	28.63	8.99	7.91	3.2	1.509	90.7
274	12/27/2008 5:46	7.68	44.661	28.55	9.03	7.93	3.2	1.526	91.1
275	12/27/2008 6:01	7.68	44.983	28.78	8.87	7.92	2.9	1.567	89.6
276	12/27/2008 6:16	7.71	45.085	28.86	9.01	7.95	3.4	1.611	91.1
277	12/27/2008 6:31	7.74	45.099	28.87	9.52	8	4.5	1.655	96.4
278	12/27/2008 6:46	7.77	45.332	29.04	9.56	8.01	4.3	1.709	96.9
279	12/27/2008 7:01	7.85	45.297	29.02	9.58	8.02	4.4	1.781	97.4
280	12/27/2008 7:16	7.95	45.486	29.16	9.7	7.97	4.5	1.818	98.9
281	12/27/2008 7:31	8	45.833	29.41	9.75	7.98	4.3	1.89	99.7
282	12/27/2008 7:46	8.06	46.028	29.55	9.74	8.04	4.2	1.954	99.8
283	12/27/2008 8:01	8.23	46.466	29.88	9.81	7.98	4	2.023	101.1
284	12/27/2008 8:16	8.3	46.537	29.93	9.82	7.99	4.2	2.086	101.4
285	12/27/2008 8:31	8.35	46.664	30.03	9.93	7.99	4.2	2.164	102.7
286	12/27/2008 8:46	8.42	46.933	30.22	9.86	7.98	3.7	2.232	102.3
287	12/27/2008 9:01	8.56	47.356	30.54	9.95	7.99	3.7	2.314	103.7
288	12/27/2008 9:16	8.6	47.517	30.66	9.93	7.99	4.2	2.388	103.8
289	12/27/2008 9:31	8.65	47.562	30.69	9.96	7.99	3.8	2.453	104.2
290	12/27/2008 9:46	8.73	47.975	30.99	9.93	7.98	4.2	2.521	104.3
291	12/27/2008 10:01	8.79	47.945	30.98	9.94	7.98	3.7	2.59	104.5
292	12/27/2008 10:16	8.86	47.962	30.99	9.91	7.99	4	2.657	104.4
293	12/27/2008 10:31	8.88	48.324	31.25	9.81	7.98	3.2	2.684	103.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
294	12/27/2008 10:46	8.91	48.173	31.15	9.72	7.97	3	2.722	102.6
295	12/27/2008 11:01	8.94	48.433	31.34	9.56	7.96	2.6	2.753	101.1
296	12/27/2008 11:16	8.96	48.192	31.17	9.51	7.96	2.7	2.756	100.5
297	12/27/2008 11:31	8.95	47.547	30.7	9.42	8.17	2.7	2.73	99.2
298	12/27/2008 11:46	8.96	48.369	31.29	9.27	7.93	2.5	2.703	98
299	12/27/2008 12:01	8.95	48.17	31.15	8.99	7.92	2.3	2.663	94.9
300	12/27/2008 12:16	8.84	47.12	30.39	9.42	7.64	3	2.579	98.8
301	12/27/2008 12:31	8.77	47.807	30.88	9.57	7.95	3.4	2.496	100.5
302	12/27/2008 12:46	8.73	47.342	30.54	9.55	7.95	3.3	2.414	100
303	12/27/2008 13:01	8.66	47.321	30.52	9.49	7.95	3	2.305	99.1
304	12/27/2008 13:16	8.62	46.99	30.28	9.47	7.94	3.2	2.186	98.7
305	12/27/2008 13:31	8.62	46.581	29.99	9.27	7.93	3.2	2.072	96.4
306	12/27/2008 13:46	8.62	46.348	29.82	9.11	7.92	2.9	1.964	94.7
307	12/27/2008 14:01	8.61	45.862	29.48	8.97	7.9	3.2	1.833	93
308	12/27/2008 14:16	8.58	45.676	29.34	8.91	7.9	3.8	1.715	92.3
309	12/27/2008 14:31	8.55	45.375	29.13	8.73	7.89	3	1.594	90.2
310	12/27/2008 14:46	8.53	45.126	28.95	8.66	7.88	3.5	1.462	89.3
311	12/27/2008 15:01	8.52	44.619	28.59	8.71	7.89	3.6	1.34	89.6
312	12/27/2008 15:16	8.48	44.145	28.25	8.97	7.99	4.7	1.193	92
313	12/27/2008 15:31	8.44	43.913	28.08	9.09	7.91	4.5	1.064	93
314	12/27/2008 15:46	8.38	43.674	27.91	9.11	7.91	4.2	0.922	93.1
315	12/27/2008 16:01	8.33	43.599	27.85	9.08	7.91	4.2	0.785	92.6
316	12/27/2008 16:16	8.29	43.416	27.72	9.09	7.9	4.2	0.653	92.5
317	12/27/2008 16:31	8.25	43.533	27.8	9.06	7.91	4.3	0.503	92.2
318	12/27/2008 16:46	8.2	43.391	27.7	9.02	7.9	4	0.406	91.6
319	12/27/2008 17:01	8.18	43.424	27.72	9.01	7.9	4.5	0.301	91.4
320	12/27/2008 17:16	8.14	43.26	27.6	8.9	7.89	6.2	0.214	90.2
321	12/27/2008 17:31								
322	12/27/2008 17:46								
323	12/27/2008 18:01								
324	12/27/2008 18:16								
325	12/27/2008 18:31								
326	12/27/2008 18:46	8.05	43.548	27.8	8.04	7.89	2.6	0.274	81.4
327	12/27/2008 19:01	8.05	43.482	27.75	7.7	7.8	3	0.315	77.9
328	12/27/2008 19:16	8.06	43.566	27.81	8.05	7.82	3.3	0.368	81.5
329	12/27/2008 19:31	8.06	43.423	27.71	8.56	7.87	4.2	0.446	86.7
330	12/27/2008 19:46	8.04	43.686	27.89	9.5	7.91	5.1	0.524	96.3
331	12/27/2008 20:01	8.03	43.67	27.88	9.82	7.95	5.4	0.587	99.5
332	12/27/2008 20:16	8.03	43.726	27.92	9.76	7.95	6.4	0.667	98.9
333	12/27/2008 20:31	8.04	43.622	27.85	9.82	7.96	5.9	0.752	99.4
334	12/27/2008 20:46	8.04	43.814	27.98	9.69	7.95	5.1	0.841	98.2
335	12/27/2008 21:01	8.06	43.513	27.77	9.79	7.95	5.1	0.94	99.2
336	12/27/2008 21:16	8.09	43.172	27.54	9.73	7.95	5.2	1.036	98.4
337	12/27/2008 21:31	8.12	43.233	27.58	9.67	7.93	5.1	1.142	97.9
338	12/27/2008 21:46	8.16	44.026	28.14	9.88	7.96	5.4	1.24	100.6
339	12/27/2008 22:01	8.16	44.362	28.38	9.81	7.96	5.6	1.341	100
340	12/27/2008 22:16	8.14	44.549	28.51	9.82	7.96	6.2	1.435	100.1
341	12/27/2008 22:31	8.16	44.897	28.76	9.82	7.96	5.6	1.523	100.3
342	12/27/2008 22:46	8.19	45.263	29.02	9.79	7.96	5.9	1.609	100.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
343	12/27/2008 23:01	8.26	45.261	29.02	9.79	7.96	5.9	1.697	100.4
344	12/27/2008 23:16	8.31	44.913	28.78	9.8	7.64	5.6	1.761	100.5
345	12/27/2008 23:31	8.38	45.759	29.39	9.78	8.18	4.9	1.837	100.8
346	12/27/2008 23:46	8.45	46.074	29.61	9.78	7.97	4.9	1.917	101.1
347	12/28/2008 0:01	8.51	46.12	29.65	9.76	7.97	4.7	1.974	101.1
348	12/28/2008 0:16	8.6	46.421	29.87	9.73	7.96	4	2.024	101.2
349	12/28/2008 0:31	8.72	46.911	30.23	9.69	7.97	4.2	2.094	101.2
350	12/28/2008 0:46	8.77	46.995	30.29	9.7	7.96	3.6	2.142	101.5
351	12/28/2008 1:01	8.79	47.243	30.47	9.63	7.96	3.5	2.159	100.9
352	12/28/2008 1:16	8.82	47.142	30.4	9.46	7.95	3	2.196	99.1
353	12/28/2008 1:31	8.84	47.052	30.34	9.26	7.94	2.7	2.21	97
354	12/28/2008 1:46	8.82	47.109	30.38	9.29	7.94	2.8	2.185	97.4
355	12/28/2008 2:01	8.81	47.076	30.36	9.03	7.91	2.5	2.152	94.6
356	12/28/2008 2:16	8.82	46.774	30.14	9.14	7.92	3.1	2.106	95.6
357	12/28/2008 2:31	8.79	47.079	30.36	8.91	7.98	3.2	2.056	93.2
358	12/28/2008 2:46	8.76	46.327	29.82	8.89	8.01	3.1	1.991	92.7
359	12/28/2008 3:01	8.74	45.86	29.48	8.88	7.9	3.2	1.919	92.4
360	12/28/2008 3:16	8.7	45.727	29.39	8.92	7.9	3.3	1.849	92.7
361	12/28/2008 3:31	8.68	45.702	29.37	8.84	7.89	3.1	1.788	91.7
362	12/28/2008 3:46	8.64	45.598	29.29	8.88	7.9	3.5	1.731	92
363	12/28/2008 4:01	8.6	45.256	29.05	8.88	7.9	3.3	1.678	91.9
364	12/28/2008 4:16	8.56	45.259	29.04	8.88	7.9	3.8	1.625	91.7
365	12/28/2008 4:31	8.54	45.014	28.87	8.91	7.9	3.7	1.573	91.9
366	12/28/2008 4:46	8.53	44.921	28.8	8.88	7.9	3.7	1.551	91.5
367	12/28/2008 5:01	8.51	44.752	28.68	8.83	7.89	3.9	1.523	90.9
368	12/28/2008 5:16	8.5	44.757	28.68	8.8	7.89	3.8	1.508	90.6
369	12/28/2008 5:31	8.5	44.728	28.66	8.66	7.88	3.7	1.489	89.1
370	12/28/2008 5:46	8.49	44.756	28.68	8.67	7.88	3.6	1.499	89.2
371	12/28/2008 6:01	8.48	44.852	28.75	8.57	7.87	2.8	1.51	88.2
372	12/28/2008 6:16	8.47	44.646	28.6	8.52	7.87	2.3	1.523	87.6
373	12/28/2008 6:31	8.47	44.755	28.68	8.49	7.87	2.3	1.548	87.3
374	12/28/2008 6:46	8.48	44.881	28.77	8.39	7.83	2.3	1.589	86.3
375	12/28/2008 7:01	8.51	45.039	28.88	9.02	7.9	4.1	1.644	93
376	12/28/2008 7:16	8.54	45.04	28.89	9.14	7.99	4	1.682	94.3
377	12/28/2008 7:31	8.54	44.935	28.81	9.15	7.91	3.6	1.733	94.3
378	12/28/2008 7:46	8.56	45.3	29.07	9.53	8.01	3.7	1.799	98.5
379	12/28/2008 8:01	8.61	45.772	29.41	9.64	7.94	3.8	1.863	100
380	12/28/2008 8:16	8.66	45.644	29.33	9.56	7.95	4.2	1.928	99.1
381	12/28/2008 8:31	8.7	45.801	29.44	9.53	7.94	3.8	1.992	99
382	12/28/2008 8:46	8.78	46.267	29.78	9.64	7.96	3.8	2.073	100.6
383	12/28/2008 9:01	8.8	46.539	29.97	9.68	7.96	3.7	2.144	101.2
384	12/28/2008 9:16	8.84	46.516	29.96	9.67	7.96	3.6	2.212	101.1
385	12/28/2008 9:31	8.89	46.597	30.02	9.69	7.96	3.7	2.289	101.4
386	12/28/2008 9:46	8.95	47.08	30.37	9.59	7.96	3.4	2.354	100.8
387	12/28/2008 10:01	8.98	47.325	30.55	9.59	7.96	3.3	2.435	101
388	12/28/2008 10:16	9.02	46.48	29.95	9.64	8.2	3.4	2.506	101.2
389	12/28/2008 10:31	9.07	47.448	30.64	9.51	7.95	3.2	2.56	100.3
390	12/28/2008 10:46	9.12	47.451	30.65	9.46	7.95	2.9	2.604	100
391	12/28/2008 11:01	9.18	48.136	31.14	9.4	8.03	2.8	2.66	99.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
392	12/28/2008 11:16	9.21	47.702	30.83	9.32	8.06	2.7	2.691	98.8
393	12/28/2008 11:31	9.23	47.721	30.85	9.08	7.94	2.6	2.701	96.3
394	12/28/2008 11:46	9.25	47.629	30.78	9.05	7.94	2.7	2.709	96
395	12/28/2008 12:01	9.26	47.961	31.02	9	7.93	2.6	2.712	95.6
396	12/28/2008 12:16	9.25	47.786	30.9	8.81	7.91	2.3	2.672	93.5
397	12/28/2008 12:31	9.25	47.286	30.54	8.21	7.87	2.3	2.633	87
398	12/28/2008 12:46	9.2	46.57	30.02	8.94	7.6	2.6	2.589	94.3
399	12/28/2008 13:01	9.15	46.94	30.28	9.14	8.18	3.2	2.502	96.4
400	12/28/2008 13:16	9.09	46.837	30.21	9.28	7.93	3.5	2.422	97.7
401	12/28/2008 13:31	9.05	46.408	29.9	9.39	7.93	3.2	2.327	98.6
402	12/28/2008 13:46	9.04	46.392	29.88	9.26	7.92	3.2	2.218	97.2
403	12/28/2008 14:01	9.01	46.229	29.77	9.29	7.92	3.5	2.109	97.4
404	12/28/2008 14:16	9	45.579	29.3	9.24	7.92	3.2	2.003	96.5
405	12/28/2008 14:31	8.97	45.575	29.3	9.23	7.91	3.7	1.876	96.4
406	12/28/2008 14:46	8.97	45.409	29.18	8.83	7.88	2.9	1.754	92.1
407	12/28/2008 15:01	8.97	45.179	29.02	8.63	7.86	3.1	1.64	89.9
408	12/28/2008 15:16	8.96	45.128	28.98	8.44	7.86	3	1.515	87.9
409	12/28/2008 15:31	8.94	44.792	28.74	8.51	7.87	3.3	1.383	88.4
410	12/28/2008 15:46	8.92	44.163	28.29	8.74	7.88	3.6	1.258	90.5
411	12/28/2008 16:01	8.92	43.782	28.02	8.83	7.87	3.4	1.125	91.4
412	12/28/2008 16:16	8.9	43.74	27.99	8.9	7.87	3.4	0.992	92
413	12/28/2008 16:31	8.88	43.464	27.8	8.88	7.87	3.3	0.856	91.6
414	12/28/2008 16:46	8.87	43.308	27.69	8.89	7.87	3.4	0.707	91.7
415	12/28/2008 17:01	8.86	43.256	27.65	8.83	7.86	3.2	0.598	91
416	12/28/2008 17:16	8.84	43.144	27.57	8.81	7.86	3.4	0.471	90.7
417	12/28/2008 17:31	8.84	43.285	27.67	8.7	7.85	3.4	0.349	89.6
418	12/28/2008 17:46	8.84	43.209	27.61	8.69	7.84	3.8	0.29	89.5
419	12/28/2008 18:01								
420	12/28/2008 18:16								
421	12/28/2008 18:31								
422	12/28/2008 18:46								
423	12/28/2008 19:01								
424	12/28/2008 19:16	8.86	42.953	27.43	7.58	7.76	3.2	0.24	78
425	12/28/2008 19:31	8.89	42.594	27.18	8.02	7.82	5.1	0.32	82.4
426	12/28/2008 19:46	8.93	41.532	26.44	9.02	7.87	6.7	0.403	92.3
427	12/28/2008 20:01	8.89	41.649	26.52	9.17	7.87	5.6	0.472	93.9
428	12/28/2008 20:16	8.86	42.327	26.99	9.46	7.91	5.2	0.52	97.1
429	12/28/2008 20:31	8.83	42.556	27.15	9.59	7.92	5.5	0.635	98.4
430	12/28/2008 20:46	8.83	42.761	27.3	9.5	7.91	5.9	0.706	97.6
431	12/28/2008 21:01	8.82	42.64	27.21	9.41	7.91	4.8	0.783	96.6
432	12/28/2008 21:16	8.8	42.94	27.42	9.51	7.92	4.9	0.888	97.7
433	12/28/2008 21:31	8.81	42.626	27.2	9.38	7.91	5.2	0.977	96.3
434	12/28/2008 21:46	8.81	42.724	27.27	9.44	7.91	5.1	1.088	96.9
435	12/28/2008 22:01	8.81	42.126	26.85	9.58	7.61	5.2	1.167	98.1
436	12/28/2008 22:16	8.81	42.994	27.46	9.47	7.93	5.7	1.279	97.3
437	12/28/2008 22:31	8.79	43.001	27.46	9.58	7.93	5.9	1.386	98.5
438	12/28/2008 22:46	8.76	43.42	27.76	9.61	7.93	5.2	1.475	98.9
439	12/28/2008 23:01	8.74	43.484	27.8	9.63	8.14	5.6	1.566	99.1
440	12/28/2008 23:16	8.76	44.294	28.38	9.55	7.94	6	1.658	98.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
441	12/28/2008 23:31	8.82	44.191	28.31	9.43	7.93	5.4	1.734	97.5
442	12/28/2008 23:46	8.87	44.375	28.44	9.52	7.94	5.6	1.804	98.6
443	12/29/2008 0:01	8.92	44.522	28.55	9.6	7.94	5.2	1.864	99.6
444	12/29/2008 0:16	8.98	44.954	28.86	9.57	7.94	5	1.966	99.7
445	12/29/2008 0:31	9.01	44.952	28.86	9.57	7.95	4.6	2.004	99.7
446	12/29/2008 0:46	9.08	45.311	29.12	9.55	7.94	4.3	2.068	99.8
447	12/29/2008 1:01	9.19	45.862	29.52	9.61	7.95	4.1	2.115	101
448	12/29/2008 1:16	9.25	46.034	29.64	9.6	7.95	4.2	2.186	101.1
449	12/29/2008 1:31	9.28	46.461	29.95	9.45	7.94	3.7	2.208	99.7
450	12/29/2008 1:46	9.31	46.297	29.84	9.41	7.94	3.4	2.235	99.4
451	12/29/2008 2:01	9.32	46.434	29.93	9.25	7.92	3.4	2.248	97.7
452	12/29/2008 2:16	9.33	46.343	29.87	9.02	7.91	3.1	2.224	95.3
453	12/29/2008 2:31	9.33	46.411	29.92	8.8	7.89	3.1	2.222	93
454	12/29/2008 2:46	9.33	46.195	29.76	8.51	7.98	3.1	2.165	89.8
455	12/29/2008 3:01	9.31	45.876	29.53	8.6	7.88	3.2	2.107	90.7
456	12/29/2008 3:16	9.29	45.466	29.24	8.64	7.88	3.1	2.021	90.8
457	12/29/2008 3:31	9.26	45.177	29.03	8.6	7.97	3.1	1.967	90.3
458	12/29/2008 3:46	9.25	44.856	28.81	8.58	7.87	3.2	1.918	89.9
459	12/29/2008 4:01	9.22	44.717	28.7	8.56	7.87	3.2	1.845	89.5
460	12/29/2008 4:16	9.19	44.337	28.43	8.75	7.88	3.7	1.801	91.3
461	12/29/2008 4:31	9.15	43.964	28.17	8.72	7.87	3.8	1.729	90.8
462	12/29/2008 4:46	9.13	44.07	28.24	8.97	7.88	4	1.668	93.4
463	12/29/2008 5:01	9.12	44.09	28.25	8.94	7.88	3.8	1.61	93
464	12/29/2008 5:16	9.12	44.477	28.53	8.9	7.94	3.7	1.599	92.8
465	12/29/2008 5:31	9.11	43.956	28.16	8.79	7.96	3.1	1.59	91.4
466	12/29/2008 5:46	9.1	43.977	28.17	8.59	7.86	3.5	1.546	89.3
467	12/29/2008 6:01	9.09	43.835	28.07	8.46	7.85	3.6	1.515	87.9
468	12/29/2008 6:16	9.07	43.586	27.89	8.39	7.84	3.8	1.504	87
469	12/29/2008 6:31	9.06	43.408	27.77	8.18	7.83	3.8	1.492	84.7
470	12/29/2008 6:46	9.06	43.378	27.75	8.14	7.82	3.6	1.507	84.3
471	12/29/2008 7:01	9.09	43.167	27.6	8.75	7.86	4.4	1.547	90.7
472	12/29/2008 7:16	9.09	43.315	27.7	8.74	7.86	4.4	1.564	90.5
473	12/29/2008 7:31	9.08	43.199	27.62	8.38	7.84	3.3	1.585	86.7
474	12/29/2008 7:46	9.05	43.618	27.92	8.84	7.85	3.7	1.635	91.6
475	12/29/2008 8:01	9.05	43.973	28.17	8.96	7.94	5.1	1.697	93
476	12/29/2008 8:16	9.06	43.9	28.12	9.22	7.89	4.8	1.753	95.8
477	12/29/2008 8:31	9.1	44.097	28.26	9.34	7.92	4.9	1.833	97.1
478	12/29/2008 8:46	9.16	44.238	28.36	9.41	7.91	5.4	1.906	98.1
479	12/29/2008 9:01	9.2	44.256	28.38	9.47	7.93	4.9	1.961	98.8
480	12/29/2008 9:16	9.23	44.589	28.61	9.43	7.93	4.5	2.043	98.6
481	12/29/2008 9:31	9.25	44.706	28.7	9.59	7.94	4.5	2.106	100.4
482	12/29/2008 9:46	9.29	44.854	28.81	9.56	7.94	5.4	2.184	100.2
483	12/29/2008 10:01	9.35	44.956	28.88	9.39	7.94	4.6	2.256	98.6
484	12/29/2008 10:16	9.41	45.155	29.03	9.48	7.94	5.1	2.333	99.8
485	12/29/2008 10:31	9.45	45.349	29.17	9.43	7.94	4.3	2.396	99.5
486	12/29/2008 10:46	9.48	45.848	29.53	9.45	7.94	3.8	2.465	99.9
487	12/29/2008 11:01	9.5	45.975	29.62	9.45	7.94	3.5	2.515	100.1
488	12/29/2008 11:16	9.52	46.18	29.77	9.47	7.94	3.4	2.572	100.4
489	12/29/2008 11:31	9.53	46.538	30.02	9.21	7.94	3.3	2.634	97.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
490	12/29/2008 11:46	9.55	47.102	30.43	9.35	7.94	2.7	2.676	99.6
491	12/29/2008 12:01	9.56	47.23	30.52	9.18	7.94	2.7	2.688	97.9
492	12/29/2008 12:16	9.58	47.218	30.51	9.16	7.93	2.9	2.717	97.7
493	12/29/2008 12:31	9.59	47.058	30.4	9.01	7.93	2.7	2.728	96
494	12/29/2008 12:46	9.59	47.193	30.49	8.85	7.91	2.5	2.695	94.4
495	12/29/2008 13:01	9.6	46.755	30.18	8.15	7.86	2.3	2.648	86.8
496	12/29/2008 13:16	9.6	46.408	29.93	8.27	7.87	2.5	2.606	87.9
497	12/29/2008 13:31	9.53	46.019	29.65	8.91	7.91	3.1	2.536	94.4
498	12/29/2008 13:46	9.51	45.601	29.35	8.7	7.89	2.9	2.423	92
499	12/29/2008 14:01	9.49	45.274	29.12	8.75	7.89	3.2	2.34	92.4
500	12/29/2008 14:16	9.47	45.527	29.3	8.96	7.97	3.9	2.239	94.7
501	12/29/2008 14:31	9.48	44.916	28.86	8.87	7.98	3.2	2.115	93.5
502	12/29/2008 14:46	9.49	44.599	28.64	8.92	7.89	3.4	2.013	93.8
503	12/29/2008 15:01	9.5	44.293	28.42	8.99	7.89	3.5	1.9	94.5
504	12/29/2008 15:16	9.5	44.036	28.24	8.68	7.86	3.1	1.79	91.1
505	12/29/2008 15:31	9.49	43.71	28.01	8.18	7.83	3	1.658	85.7
506	12/29/2008 15:46	9.47	43.481	27.84	8.24	7.83	3.5	1.555	86.2
507	12/29/2008 16:01	9.45	43.172	27.63	8.33	7.84	3.5	1.433	87
508	12/29/2008 16:16	9.44	43.08	27.56	8.54	7.85	3.5	1.299	89.1
509	12/29/2008 16:31	9.43	43.087	27.56	8.66	7.86	3.4	1.171	90.3
510	12/29/2008 16:46	9.42	42.877	27.41	8.71	7.86	3.3	1.049	90.8
511	12/29/2008 17:01	9.41	42.913	27.44	8.79	7.86	3.5	0.911	91.6
512	12/29/2008 17:16	9.41	42.757	27.33	8.81	7.85	3.3	0.772	91.8
513	12/29/2008 17:31	9.42	42.262	26.98	8.78	7.84	3.2	0.638	91.2
514	12/29/2008 17:46	9.42	42.204	26.94	8.59	7.82	3.4	0.536	89.2
515	12/29/2008 18:01	9.42	41.568	26.49	8.5	7.8	4	0.416	88.1
516	12/29/2008 18:16	9.42	39.745	25.22	8.52	7.48	5	0.325	87.6
517	12/29/2008 18:31	9.42	40.3	25.6	8.39	7.99	4.9	0.279	86.4
518	12/29/2008 18:46								
519	12/29/2008 19:01								
520	12/29/2008 19:16	9.42	40.195	25.53	8.02	7.75	4.9	0.203	82.6
521	12/29/2008 19:31	9.41	40.242	25.56	7.72	7.74	4.5	0.235	79.4
522	12/29/2008 19:46	9.41	40.246	25.57	7.5	7.72	4.6	0.286	77.2
523	12/29/2008 20:01	9.41	40.397	25.67	7.36	7.7	3.7	0.351	75.8
524	12/29/2008 20:16	9.38	40.908	26.03	6.59	7.3	3.4	0.453	68
525	12/29/2008 20:31	9.36	41.479	26.43	8.65	7.82	5.3	0.478	89.4
526	12/29/2008 20:46	9.37	41.249	26.27	8.84	7.85	4.5	0.566	91.4
527	12/29/2008 21:01	9.39	41.349	26.34	8.97	7.84	5	0.662	92.7
528	12/29/2008 21:16	9.39	41.328	26.32	9.25	7.89	4.8	0.723	95.7
529	12/29/2008 21:31	9.39	41.537	26.47	9.38	7.89	4.6	0.817	97.1
530	12/29/2008 21:46	9.39	41.547	26.48	9.41	7.89	5.1	0.899	97.4
531	12/29/2008 22:01	9.39	41.645	26.55	9.45	7.9	4.3	0.993	97.8
532	12/29/2008 22:16	9.39	41.655	26.55	9.33	7.89	4.7	1.095	96.6
533	12/29/2008 22:31	9.39	41.666	26.56	9.41	7.9	5.1	1.209	97.5
534	12/29/2008 22:46	9.38	41.8	26.65	9.44	7.9	5.4	1.302	97.8
535	12/29/2008 23:01	9.37	42.3	27.01	9.51	7.91	5.2	1.405	98.7
536	12/29/2008 23:16	9.37	41.76	26.63	9.42	7.9	5.3	1.489	97.6
537	12/29/2008 23:31	9.37	41.767	26.63	9.18	7.89	5	1.573	95.1
538	12/29/2008 23:46	9.37	42.5	27.15	9.47	7.91	5	1.661	98.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
539	12/30/2008 0:01	9.37	42.957	27.47	9.51	7.92	5.3	1.745	99
540	12/30/2008 0:16	9.37	43.01	27.51	9.45	7.92	5.1	1.813	98.4
541	12/30/2008 0:31	9.37	43.139	27.6	9.51	7.92	5.3	1.892	99.1
542	12/30/2008 0:46	9.39	43.494	27.85	9.44	7.92	4.7	1.952	98.6
543	12/30/2008 1:01	9.42	43.81	28.07	9.41	7.92	4.4	2.016	98.5
544	12/30/2008 1:16	9.47	44.218	28.37	9.5	7.93	4.5	2.092	99.8
545	12/30/2008 1:31	9.53	44.632	28.66	9.47	7.94	4.5	2.164	99.7
546	12/30/2008 1:46	9.55	44.82	28.8	9.48	7.94	4	2.201	100
547	12/30/2008 2:01	9.56	45.074	28.98	9.42	7.93	4.1	2.224	99.5
548	12/30/2008 2:16	9.57	44.996	28.93	9.36	7.93	3.4	2.234	98.9
549	12/30/2008 2:31	9.58	45.143	29.03	9.32	7.93	3.8	2.251	98.5
550	12/30/2008 2:46	9.58	45.11	29.01	9.25	7.91	3.4	2.235	97.7
551	12/30/2008 3:01	9.58	44.572	28.62	8.84	7.9	3.2	2.202	93.2
552	12/30/2008 3:16	9.58	44.497	28.57	8.62	7.87	2.7	2.154	90.8
553	12/30/2008 3:31	9.49	44.217	28.37	8.56	7.86	3.1	2.084	89.9
554	12/30/2008 3:46	9.43	43.658	27.97	8.54	7.86	3.2	2.035	89.3
555	12/30/2008 4:01	9.32	43.574	27.9	8.79	7.88	3.4	1.958	91.6
556	12/30/2008 4:16	9.31	43.275	27.69	8.71	7.86	3.2	1.888	90.7
557	12/30/2008 4:31	9.3	43.61	27.93	8.61	7.92	3.2	1.834	89.7
558	12/30/2008 4:46	9.29	43.043	27.52	8.65	7.93	3.4	1.758	90
559	12/30/2008 5:01	9.28	42.846	27.38	8.61	7.85	3.4	1.714	89.4
560	12/30/2008 5:16	9.26	42.393	27.06	8.52	7.85	3.4	1.666	88.2
561	12/30/2008 5:31	9.23	42.161	26.9	8.49	7.84	3.7	1.601	87.8
562	12/30/2008 5:46	9.22	42	26.79	8.43	7.84	3.5	1.559	87.1
563	12/30/2008 6:01	9.2	41.884	26.7	8.39	7.84	3.8	1.521	86.6
564	12/30/2008 6:16	9.18	41.839	26.67	8.39	7.84	3.8	1.472	86.5
565	12/30/2008 6:31	9.15	42.215	26.93	8.43	7.9	4	1.447	87.1
566	12/30/2008 6:46	9.14	41.778	26.62	8.44	7.9	3.9	1.426	86.9
567	12/30/2008 7:01	9.13	41.742	26.6	8.4	7.84	3.9	1.412	86.5
568	12/30/2008 7:16	9.12	41.787	26.63	8.35	7.84	3.7	1.412	86
569	12/30/2008 7:31	9.11	41.743	26.6	8.16	7.83	3.5	1.426	84
570	12/30/2008 7:46	9.08	41.835	26.66	8.2	7.82	3.5	1.462	84.3
571	12/30/2008 8:01	8.99	41.784	26.62	8.29	7.81	3.4	1.482	85.2
572	12/30/2008 8:16	8.98	41.839	26.66	8.14	7.8	3.2	1.521	83.6
573	12/30/2008 8:31	8.98	41.738	26.59	8.59	7.86	6.7	1.588	88.2
574	12/30/2008 8:46	9	41.106	26.14	8.96	7.53	4.8	1.641	91.7
575	12/30/2008 9:01	9.09	42.071	26.83	9.25	7.89	5.1	1.707	95.3
576	12/30/2008 9:16	9.13	42.194	26.92	9.4	7.91	4.9	1.775	97
577	12/30/2008 9:31	9.19	42.676	27.26	9.41	7.91	4.9	1.841	97.4
578	12/30/2008 9:46	9.23	43.111	27.57	9.49	7.92	4.5	1.911	98.5
579	12/30/2008 10:01	9.27	43.257	27.67	9.45	7.93	4.5	1.993	98.3
580	12/30/2008 10:16	9.24	43.529	27.86	9.46	7.93	4.7	2.07	98.5
581	12/30/2008 10:31	9.24	43.664	27.96	9.48	7.93	4.5	2.123	98.8
582	12/30/2008 10:46	9.28	43.759	28.03	9.53	7.93	4.3	2.204	99.4
583	12/30/2008 11:01	9.33	43.779	28.05	9.51	7.94	4.2	2.275	99.2
584	12/30/2008 11:16	9.4	44.231	28.37	9.48	7.93	3.8	2.332	99.3
585	12/30/2008 11:31	9.49	44.776	28.76	9.42	7.94	3.5	2.403	99.1
586	12/30/2008 11:46	9.58	45.54	29.31	9.46	7.96	3.5	2.469	100.1
587	12/30/2008 12:01	9.6	45.947	29.6	9.43	7.95	3.4	2.512	100

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
588	12/30/2008 12:16	9.62	46.053	29.68	9.32	7.95	2.7	2.536	99
589	12/30/2008 12:31	9.63	46.55	30.04	9.19	7.94	2.7	2.573	97.8
590	12/30/2008 12:46	9.64	46.376	29.91	9.18	7.94	2.8	2.618	97.6
591	12/30/2008 13:01	9.64	46.602	30.07	9.13	7.93	2.4	2.602	97.2
592	12/30/2008 13:16	9.64	46.635	30.1	8.98	7.93	2.4	2.602	95.7
593	12/30/2008 13:31	9.64	45.833	29.53	8.84	7.61	2.2	2.569	93.8
594	12/30/2008 13:46	9.63	46.081	29.7	8.42	8.11	1.9	2.518	89.5
595	12/30/2008 14:01	9.66	45.419	29.23	9.12	7.93	3.3	2.448	96.6
596	12/30/2008 14:16	9.68	44.082	28.28	9.33	7.61	3.2	2.377	98.4
597	12/30/2008 14:31	9.67	44.361	28.48	9.02	8.12	2.6	2.288	95.2
598	12/30/2008 14:46	9.66	44.058	28.26	8.77	7.88	2.9	2.198	92.4
599	12/30/2008 15:01	9.66	43.752	28.05	8.7	7.87	2.9	2.103	91.5
600	12/30/2008 15:16	9.68	43.537	27.9	8.67	7.86	2.9	2.002	91.1
601	12/30/2008 15:31	9.68	43.336	27.75	8.71	7.86	3.2	1.896	91.5
602	12/30/2008 15:46	9.68	42.819	27.39	8.64	7.85	3.2	1.789	90.6
603	12/30/2008 16:01	9.66	42.265	27	8.44	7.83	3.2	1.678	88.2
604	12/30/2008 16:16	9.64	42.209	26.96	8.29	7.83	3.2	1.561	86.6
605	12/30/2008 16:31	9.63	42.049	26.84	8.22	7.82	3.2	1.459	85.7
606	12/30/2008 16:46	9.62	41.844	26.7	8.19	7.83	3.3	1.337	85.3
607	12/30/2008 17:01	9.59	41.96	26.78	8.38	7.83	3.5	1.213	87.3
608	12/30/2008 17:16	9.57	41.776	26.65	8.54	7.84	3.4	1.078	88.8
609	12/30/2008 17:31	9.52	41.821	26.68	8.68	7.86	3.5	0.957	90.2
610	12/30/2008 17:46	9.49	41.594	26.51	8.67	7.84	3.5	0.858	89.9
611	12/30/2008 18:01	9.45	41.594	26.51	8.76	7.84	3.7	0.7	90.8
612	12/30/2008 18:16	9.4	41.524	26.46	8.82	7.85	3.8	0.623	91.3
613	12/30/2008 18:31	9.4	41.343	26.33	8.55	7.82	3.3	0.522	88.4
614	12/30/2008 18:46	9.38	41.035	26.12	8.51	7.81	3.8	0.412	87.9
615	12/30/2008 19:01	9.38	40.377	25.66	8.13	7.76	3.7	0.328	83.7
616	12/30/2008 19:16	9.37	39.388	24.96	7.8	7.74	3.9	0.284	79.9
617	12/30/2008 19:31	9.36	39.099	24.76	7.68	7.73	4	0.247	78.6
618	12/30/2008 19:46	9.34	39.265	24.88	7.56	7.72	4.1	0.24	77.3
619	12/30/2008 20:01	9.32	39.439	25	7.43	7.71	3.9	0.264	76.1
620	12/30/2008 20:16	9.29	39.115	24.77	7.35	7.39	3.8	0.32	75.1
621	12/30/2008 20:31	9.23	40.759	25.91	8.16	7.95	4	0.375	83.8
622	12/30/2008 20:46	9.23	41.096	26.15	9.14	7.89	4.8	0.435	94.1
623	12/30/2008 21:01	9.21	40.057	25.42	9.57	7.92	6.2	0.521	98
624	12/30/2008 21:16	9.23	40.216	25.53	9.62	7.92	5.7	0.607	98.6
625	12/30/2008 21:31	9.25	40.095	25.45	9.59	7.91	5.4	0.691	98.3
626	12/30/2008 21:46	9.26	40.249	25.56	9.61	7.91	5.7	0.766	98.6
627	12/30/2008 22:01	9.28	40.425	25.68	9.69	7.92	5.2	0.864	99.5
628	12/30/2008 22:16	9.28	41.084	26.15	9.6	7.96	5	0.941	98.9
629	12/30/2008 22:31	9.32	40.643	25.84	9.59	7.96	4.9	1.03	98.8
630	12/30/2008 22:46	9.34	40.104	25.46	9.65	7.6	5.1	1.11	99.1
631	12/30/2008 23:01	9.36	40.818	25.96	9.64	7.93	5.2	1.22	99.4
632	12/30/2008 23:16	9.38	41.318	26.32	9.66	7.93	5.4	1.296	99.9
633	12/30/2008 23:31	9.39	41.367	26.35	9.64	7.93	5.2	1.387	99.7
634	12/30/2008 23:46	9.43	41.916	26.74	9.64	7.94	4.5	1.464	100.1
635	12/31/2008 0:01	9.47	42.63	27.24	9.65	7.94	4.6	1.554	100.5
636	12/31/2008 0:16	9.49	42.988	27.5	9.63	7.94	4.6	1.632	100.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
637	12/31/2008 0:31	9.49	42.9	27.44	9.62	7.94	4.9	1.713	100.4
638	12/31/2008 0:46	9.51	43.469	27.84	9.6	7.99	5.3	1.785	100.5
639	12/31/2008 1:01	9.52	43.793	28.07	9.6	8.01	5.4	1.87	100.7
640	12/31/2008 1:16	9.53	43.635	27.96	9.64	8	5.6	1.94	101.1
641	12/31/2008 1:31	9.56	43.908	28.15	9.63	7.96	4.9	2.02	101.1
642	12/31/2008 1:46	9.59	44.443	28.53	9.65	7.96	4.7	2.082	101.7
643	12/31/2008 2:01	9.61	44.931	28.88	9.66	7.97	4.5	2.142	102.1
644	12/31/2008 2:16	9.63	45.233	29.1	9.64	7.98	4.2	2.195	102
645	12/31/2008 2:31	9.64	45.078	28.99	9.62	7.98	3.9	2.234	101.7
646	12/31/2008 2:46	9.64	45.151	29.04	9.55	8.16	3.8	2.253	101.1
647	12/31/2008 3:01	9.65	45.597	29.36	9.42	7.97	3.5	2.272	99.9
648	12/31/2008 3:16	9.65	45.71	29.44	9.36	7.96	3.4	2.269	99.3
649	12/31/2008 3:31	9.65	45.455	29.26	8.93	7.93	2.8	2.226	94.7
650	12/31/2008 3:46	9.65	45.25	29.11	8.72	7.91	2.8	2.185	92.3
651	12/31/2008 4:01	9.56	44.769	28.76	9.18	7.93	3.4	2.139	96.8
652	12/31/2008 4:16	9.54	44.244	28.39	9.13	7.92	3.2	2.066	95.9
653	12/31/2008 4:31	9.53	43.945	28.18	8.9	7.91	3.2	1.982	93.5
654	12/31/2008 4:46	9.52	43.671	27.98	8.93	7.91	3.1	1.917	93.6
655	12/31/2008 5:01	9.51	43.498	27.86	8.95	7.91	3	1.847	93.7
656	12/31/2008 5:16	9.49	43.041	27.54	8.97	7.91	3.2	1.77	93.7
657	12/31/2008 5:31	9.49	43.065	27.55	8.94	7.9	3.1	1.713	93.4
658	12/31/2008 5:46	9.47	42.975	27.49	9.09	7.9	3.8	1.662	94.8
659	12/31/2008 6:01	9.45	42.741	27.32	9.11	7.9	3.6	1.601	94.9
660	12/31/2008 6:16	9.43	42.412	27.09	9.07	7.9	3.5	1.548	94.3
661	12/31/2008 6:31	9.43	42.361	27.05	8.93	7.9	3.4	1.506	92.8
662	12/31/2008 6:46	9.42	42.122	26.88	8.86	7.89	3.4	1.473	92.1
663	12/31/2008 7:01	9.42	41.635	26.54	8.77	7.89	3.4	1.437	90.9
664	12/31/2008 7:16	9.4	41.635	26.54	8.73	7.88	3.7	1.417	90.5
665	12/31/2008 7:31	9.39	41.646	26.55	8.77	7.88	3.9	1.392	90.8
666	12/31/2008 7:46	9.39	41.603	26.52	8.67	7.87	3.7	1.393	89.7
667	12/31/2008 8:01	9.39	41.545	26.47	8.58	7.87	3.8	1.397	88.8
668	12/31/2008 8:16	9.38	41.624	26.53	8.46	7.85	3.4	1.413	87.6
669	12/31/2008 8:31	9.34	41.658	26.55	8.57	7.85	3.2	1.443	88.7
670	12/31/2008 8:46	9.34	41.636	26.54	8.54	7.85	3.1	1.471	88.3
671	12/31/2008 9:01	9.35	41.889	26.72	8.8	7.86	3.4	1.506	91.1
672	12/31/2008 9:16	9.36	42.008	26.8	9.29	7.91	4.1	1.574	96.3
673	12/31/2008 9:31	9.33	41.916	26.73	9.35	7.91	4.5	1.626	96.8
674	12/31/2008 9:46	9.36	42.204	26.94	9.35	7.92	4.2	1.681	97
675	12/31/2008 10:01	9.41	42.571	27.2	9.45	7.93	4.3	1.747	98.3
676	12/31/2008 10:16	9.45	43.153	27.61	9.48	7.94	4	1.816	99
677	12/31/2008 10:31	9.45	43.012	27.51	9.5	7.94	3.9	1.879	99.1
678	12/31/2008 10:46	9.46	43.223	27.66	9.5	7.94	4.1	1.947	99.3
679	12/31/2008 11:01	9.5	43.427	27.81	9.55	7.95	4	2.016	99.9
680	12/31/2008 11:16	9.55	44.191	28.35	9.53	8	4	2.076	100.2
681	12/31/2008 11:31	9.58	43.972	28.2	9.58	8	4.2	2.144	100.7
682	12/31/2008 11:46	9.61	43.769	28.06	9.61	7.95	4	2.214	101
683	12/31/2008 12:01	9.63	44.067	28.27	9.6	7.96	3.9	2.278	101
684	12/31/2008 12:16	9.65	44.466	28.55	9.53	7.96	3.6	2.33	100.5
685	12/31/2008 12:31	9.67	44.847	28.83	9.51	7.96	3.3	2.385	100.6

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
686	12/31/2008 12:46	9.69	44.658	28.69	9.43	7.65	3.1	2.429	99.7
687	12/31/2008 13:01	9.7	45.556	29.33	9.37	7.96	3.1	2.449	99.4
688	12/31/2008 13:16	9.71	45.005	28.94	9.31	7.64	2.9	2.467	98.6
689	12/31/2008 13:31	9.71	45.878	29.56	9.19	8.14	3.1	2.48	97.8
690	12/31/2008 13:46	9.71	45.812	29.51	9.11	7.94	2.7	2.467	96.9
691	12/31/2008 14:01	9.71	45.718	29.45	8.75	7.92	3.1	2.434	93
692	12/31/2008 14:16	9.71	45.471	29.27	8.59	7.9	2.4	2.398	91.2
693	12/31/2008 14:31	9.76	44.822	28.81	8.96	7.93	2.7	2.348	94.9
694	12/31/2008 14:46	9.81	44.351	28.48	9.12	7.93	3.3	2.278	96.5
695	12/31/2008 15:01	9.81	44.165	28.35	9.04	7.92	2.7	2.206	95.6
696	12/31/2008 15:16	9.8	43.585	27.94	9.02	7.91	2.7	2.117	95.1
697	12/31/2008 15:31	9.79	43.666	27.99	8.91	7.9	2.7	2.02	93.9
698	12/31/2008 15:46	9.79	43.613	27.96	8.84	7.9	2.7	1.945	93.2
699	12/31/2008 16:01	9.78	43.281	27.72	8.89	7.9	3	1.832	93.5
700	12/31/2008 16:16	9.77	42.96	27.49	8.94	7.89	3.5	1.737	93.9
701	12/31/2008 16:31	9.76	42.545	27.2	8.8	7.88	2.9	1.642	92.3
702	12/31/2008 16:46	9.75	42.167	26.93	8.57	7.85	2.8	1.53	89.7
703	12/31/2008 17:01	9.74	41.711	26.61	8.19	7.84	2.9	1.421	85.5
704	12/31/2008 17:16	9.73	41.579	26.52	8.25	7.86	3.4	1.315	86.1
705	12/31/2008 17:31	9.71	41.294	26.32	8.48	7.87	3.6	1.204	88.3
706	12/31/2008 17:46	9.7	41.071	26.16	8.71	7.87	3.5	1.068	90.6
707	12/31/2008 18:01	9.69	40.893	26.03	8.7	7.86	3.2	0.966	90.4
708	12/31/2008 18:16	9.68	40.634	25.85	8.7	7.85	3.2	0.847	90.2
709	12/31/2008 18:31	9.66	40.324	25.63	8.7	7.85	3.1	0.719	90.1
710	12/31/2008 18:46	9.65	40.347	25.65	8.69	7.84	3.2	0.627	90
711	12/31/2008 19:01	9.63	40.167	25.52	8.75	7.84	3.4	0.527	90.5
712	12/31/2008 19:16	9.62	40.123	25.49	8.67	7.83	3.6	0.455	89.7
713	12/31/2008 19:31	9.61	39.986	25.39	8.57	7.81	4.5	0.395	88.6
714	12/31/2008 19:46	9.59	39.333	24.94	8.17	7.77	4.2	0.342	84.1
715	12/31/2008 20:01	9.58	39.469	25.03	8.08	7.77	4	0.342	83.3
716	12/31/2008 20:16	9.57	39.512	25.06	8.01	7.76	4	0.34	82.4
717	12/31/2008 20:31	9.56	39.534	25.08	7.85	7.75	4	0.347	80.8
718	12/31/2008 20:46	9.55	39.816	25.27	7.69	7.73	2.4	0.401	79.3
719	12/31/2008 21:01	9.5	40.742	25.92	9.12	7.89	3.7	0.459	94.3
720	12/31/2008 21:16	9.49	40.918	26.04	9.25	7.9	3.4	0.507	95.7
721	12/31/2008 21:31	9.43	40.274	25.59	9.44	7.89	4.2	0.589	97.2
722	12/31/2008 21:46	9.45	40.424	25.69	9.48	7.9	4.3	0.651	97.7
723	12/31/2008 22:01	9.48	40.343	25.64	9.47	7.9	4.1	0.73	97.6
724	12/31/2008 22:16	9.5	40.504	25.75	9.49	7.91	4.3	0.814	98
725	12/31/2008 22:31	9.51	40.368	25.66	9.49	7.9	4	0.882	97.9
726	12/31/2008 22:46	9.52	40.892	26.02	9.47	7.91	3.8	0.97	98.1
727	12/31/2008 23:01	9.54	40.694	25.89	9.59	7.91	4.3	1.061	99.2
728	12/31/2008 23:16	9.54	40.861	26	9.55	7.92	4.3	1.145	98.9
729	12/31/2008 23:31	9.55	40.84	25.99	9.58	7.92	4.3	1.238	99.1
730	12/31/2008 23:46	9.54	40.673	25.87	9.58	7.91	4.6	1.334	99.1
731	1/1/2009 0:01	9.59	41.772	26.65	9.62	7.94	4.2	1.418	100.2
732	1/1/2009 0:16	9.63	42.801	27.37	9.64	7.99	4.2	1.515	100.9
733	1/1/2009 0:31	9.65	42.549	27.2	9.65	7.98	4.3	1.589	100.9
734	1/1/2009 0:46	9.65	42.763	27.35	9.65	7.95	4.2	1.675	101

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
735	1/1/2009 1:01	9.66	43.039	27.54	9.65	7.95	4.5	1.752	101.2
736	1/1/2009 1:16	9.66	43.194	27.65	9.67	7.95	4.8	1.824	101.4
737	1/1/2009 1:31	9.67	43.572	27.92	9.66	7.96	4.6	1.902	101.6
738	1/1/2009 1:46	9.67	43.974	28.21	9.66	7.96	4.8	1.985	101.8
739	1/1/2009 2:01	9.68	43.998	28.22	9.65	7.96	4.3	2.042	101.7
740	1/1/2009 2:16	9.69	44.72	28.74	9.67	7.97	3.9	2.125	102.2
741	1/1/2009 2:31	9.71	45.094	29	9.66	7.97	3.7	2.176	102.3
742	1/1/2009 2:46	9.73	45.242	29.11	9.64	7.97	3.5	2.234	102.3
743	1/1/2009 3:01	9.74	45.554	29.33	9.63	7.98	3.1	2.271	102.3
744	1/1/2009 3:16	9.74	45.442	29.25	9.53	7.98	3.1	2.283	101.3
745	1/1/2009 3:31	9.75	45.558	29.34	9.44	7.98	2.9	2.302	100.4
746	1/1/2009 3:46	9.75	45.584	29.35	9.32	7.96	2.6	2.291	99.1
747	1/1/2009 4:01	9.75	45.43	29.24	9.17	7.95	2.6	2.258	97.4
748	1/1/2009 4:16	9.73	45.098	29.01	8.98	7.93	2.5	2.203	95.2
749	1/1/2009 4:31	9.68	44.7	28.72	9.19	7.93	3.1	2.159	97.2
750	1/1/2009 4:46	9.66	44.504	28.58	9.21	7.92	3	2.1	97.2
751	1/1/2009 5:01	9.65	44.114	28.3	9.3	7.94	3.3	2.016	97.9
752	1/1/2009 5:16	9.64	43.892	28.15	9.28	7.93	3.5	1.971	97.6
753	1/1/2009 5:31	9.64	43.793	28.08	9.16	7.92	2.8	1.882	96.3
754	1/1/2009 5:46	9.64	43.363	27.77	9.07	7.92	2.9	1.808	95.2
755	1/1/2009 6:01	9.63	43.26	27.7	9.05	7.91	2.7	1.77	94.9
756	1/1/2009 6:16	9.62	42.993	27.51	9.08	7.91	3.3	1.678	95.1
757	1/1/2009 6:31	9.6	42.97	27.49	9.19	7.91	3.2	1.622	96.2
758	1/1/2009 6:46	9.59	42.921	27.46	9.17	7.91	3.3	1.558	96
759	1/1/2009 7:01	9.59	42.665	27.28	9.11	7.9	2.7	1.513	95.2
760	1/1/2009 7:16	9.57	42.212	26.95	9.1	7.9	2.9	1.452	94.8
761	1/1/2009 7:31	9.57	41.791	26.66	8.83	7.88	2.7	1.411	91.9
762	1/1/2009 7:46	9.57	41.528	26.47	8.78	7.88	2.9	1.374	91.3
763	1/1/2009 8:01	9.56	41.292	26.31	8.7	7.88	3	1.334	90.3
764	1/1/2009 8:16	9.55	41.012	26.11	8.6	7.88	3.2	1.298	89.1
765	1/1/2009 8:31	9.55	40.991	26.09	8.49	7.88	3.3	1.303	88
766	1/1/2009 8:46	9.54	40.921	26.05	8.42	7.85	3.1	1.311	87.2
767	1/1/2009 9:01	9.54	41.046	26.13	8.31	7.84	3.1	1.313	86.1
768	1/1/2009 9:16	9.5	41.145	26.2	8.42	7.84	3.1	1.341	87.2
769	1/1/2009 9:31	9.48	41.422	26.39	8.87	7.87	2.7	1.378	91.9
770	1/1/2009 9:46	9.49	41.246	26.27	8.84	7.87	2.6	1.412	91.6
771	1/1/2009 10:01	9.5	41.759	26.63	9.22	7.9	3.1	1.475	95.8
772	1/1/2009 10:16	9.5	41.809	26.67	9.25	7.9	3.4	1.521	96.1
773	1/1/2009 10:31	9.5	41.711	26.6	9.24	7.9	3.4	1.581	96
774	1/1/2009 10:46	9.53	41.892	26.73	9.36	7.91	3.4	1.64	97.4
775	1/1/2009 11:01	9.57	42.554	27.2	9.38	7.93	3.1	1.697	97.9
776	1/1/2009 11:16	9.59	42.864	27.42	9.4	7.94	3.4	1.737	98.3
777	1/1/2009 11:31	9.6	42.973	27.49	9.37	7.94	3.1	1.793	98
778	1/1/2009 11:46	9.62	43.326	27.74	9.44	7.94	3.3	1.851	99
779	1/1/2009 12:01	9.64	43.474	27.85	9.49	7.95	3.2	1.908	99.7
780	1/1/2009 12:16	9.66	43.549	27.9	9.49	7.95	3.1	1.957	99.7
781	1/1/2009 12:31	9.69	43.657	27.98	9.49	7.95	2.9	2.015	99.9
782	1/1/2009 12:46	9.7	43.791	28.08	9.54	7.96	2.9	2.069	100.5
783	1/1/2009 13:01	9.73	44.239	28.4	9.48	7.96	2.9	2.112	100.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
784	1/1/2009 13:16	9.74	44.278	28.42	9.47	7.96	2.8	2.157	100
785	1/1/2009 13:31	9.75	44.315	28.45	9.41	7.95	2.7	2.194	99.4
786	1/1/2009 13:46	9.75	44.645	28.69	9.3	7.95	2.4	2.228	98.4
787	1/1/2009 14:01	9.75	44.747	28.76	9.17	7.94	2.3	2.238	97.1
788	1/1/2009 14:16	9.76	45.071	28.99	9.05	7.93	2.3	2.258	96
789	1/1/2009 14:31	9.76	45.185	29.07	8.94	7.93	2.2	2.253	94.9
790	1/1/2009 14:46	9.76	45.089	29	8.82	7.92	2.1	2.241	93.6
791	1/1/2009 15:01	9.76	44.867	28.84	8.71	7.92	2	2.21	92.3
792	1/1/2009 15:16	9.76	44.321	28.46	8.47	7.9	2	2.169	89.5
793	1/1/2009 15:31	9.77	44.011	28.24	8.66	7.89	2.1	2.103	91.4
794	1/1/2009 15:46	9.79	43.882	28.15	8.56	7.9	2.6	2.032	90.3
795	1/1/2009 16:01	9.8	43.78	28.08	9.05	7.92	2.7	1.971	95.5
796	1/1/2009 16:16	9.79	43.421	27.82	8.85	7.9	2.8	1.87	93.2
797	1/1/2009 16:31	9.79	43.339	27.76	8.71	7.89	2.6	1.791	91.7
798	1/1/2009 16:46	9.78	43.152	27.63	8.62	7.93	2.7	1.699	90.7
799	1/1/2009 17:01	9.77	42.485	27.16	8.64	7.87	3.5	1.595	90.6
800	1/1/2009 17:16	9.77	42.038	26.84	8.58	7.88	3.2	1.506	89.7
801	1/1/2009 17:31	9.76	42.017	26.83	8.58	7.86	3.1	1.409	89.8
802	1/1/2009 17:46	9.76	41.49	26.46	8.25	7.84	2.7	1.311	86.1
803	1/1/2009 18:01	9.75	41.225	26.27	8.12	7.85	3.1	1.214	84.6
804	1/1/2009 18:16	9.75	41.024	26.13	8.29	7.85	3.4	1.117	86.3
805	1/1/2009 18:31	9.75	40.84	26	8.62	7.87	3.2	1.011	89.6
806	1/1/2009 18:46	9.75	40.781	25.96	8.6	7.87	3.2	0.923	89.5
807	1/1/2009 19:01	9.74	40.803	25.97	8.57	7.86	3.2	0.823	89.2
808	1/1/2009 19:16	9.74	40.601	25.83	8.6	7.86	3.2	0.729	89.3
809	1/1/2009 19:31	9.74	40.403	25.69	8.62	7.85	3.3	0.647	89.4
810	1/1/2009 19:46	9.74	40.42	25.7	8.6	7.85	3.2	0.584	89.2
811	1/1/2009 20:01	9.73	40.438	25.72	8.55	7.86	3.4	0.517	88.7
812	1/1/2009 20:16	9.73	40.157	25.52	8.43	7.83	3.4	0.478	87.4
813	1/1/2009 20:31	9.73	40.242	25.58	8.35	7.82	3.3	0.467	86.6
814	1/1/2009 20:46	9.73	40.261	25.59	8.26	7.81	3.5	0.457	85.6
815	1/1/2009 21:01	9.73	40.132	25.5	8.19	7.81	3.1	0.466	84.9
816	1/1/2009 21:16	9.73	40.42	25.7	7.81	7.76	2	0.513	81
817	1/1/2009 21:31	9.72	40.899	26.04	8.78	7.85	3.1	0.572	91.3
818	1/1/2009 21:46	9.72	41.198	26.25	9.03	7.88	3.4	0.615	94
819	1/1/2009 22:01	9.71	40.528	25.78	9.24	7.89	4	0.691	95.9
820	1/1/2009 22:16	9.7	40.383	25.68	9.19	7.88	4	0.768	95.2
821	1/1/2009 22:31	9.69	40.488	25.75	9.27	7.89	3.8	0.845	96.1
822	1/1/2009 22:46	9.69	40.593	25.82	9.28	7.9	3.8	0.914	96.3
823	1/1/2009 23:01	9.69	40.717	25.91	9.23	7.89	3.5	0.989	95.8
824	1/1/2009 23:16	9.68	40.433	25.71	9.34	7.9	3.7	1.078	96.8
825	1/1/2009 23:31	9.69	40.796	25.97	9.36	7.91	3.7	1.144	97.2
826	1/1/2009 23:46	9.69	41.196	26.25	9.38	7.93	4	1.228	97.6
827	1/2/2009 0:01	9.7	41.126	26.2	9.4	7.92	3.6	1.307	97.8
828	1/2/2009 0:16	9.72	42.201	26.96	9.45	7.94	3.8	1.395	98.8
829	1/2/2009 0:31	9.74	42.225	26.97	9.49	7.94	4	1.471	99.3
830	1/2/2009 0:46	9.75	42.708	27.31	9.49	7.94	3.7	1.538	99.5
831	1/2/2009 1:01	9.77	42.951	27.49	9.51	7.95	3.8	1.623	99.9
832	1/2/2009 1:16	9.78	43.417	27.82	9.51	7.96	4.4	1.687	100.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
833	1/2/2009 1:31	9.79	43.661	27.99	9.51	7.96	5.1	1.774	100.3
834	1/2/2009 1:46	9.8	43.92	28.18	9.53	7.97	4.8	1.861	100.6
835	1/2/2009 2:01	9.82	44.309	28.45	9.52	7.97	5.4	1.939	100.8
836	1/2/2009 2:16	9.85	44.841	28.83	9.54	7.98	5.6	2.042	101.3
837	1/2/2009 2:31	9.88	45.117	29.03	9.58	7.98	4.6	2.113	101.9
838	1/2/2009 2:46	9.9	46.043	29.69	9.52	8.03	4.6	2.186	101.8
839	1/2/2009 3:01	9.92	45.681	29.43	9.53	8.02	3.8	2.25	101.7
840	1/2/2009 3:16	9.93	45.895	29.59	9.49	7.99	3.6	2.307	101.4
841	1/2/2009 3:31	9.94	46.067	29.71	9.47	7.98	3.4	2.344	101.3
842	1/2/2009 3:46	9.95	46.085	29.72	9.41	7.98	2.9	2.383	100.7
843	1/2/2009 4:01	9.96	46.238	29.83	9.4	7.98	2.4	2.424	100.7
844	1/2/2009 4:16	9.96	46.208	29.81	9.35	7.97	2.5	2.423	100.2
845	1/2/2009 4:31	9.96	46.075	29.72	9.15	7.97	2.6	2.392	97.9
846	1/2/2009 4:46	9.96	45.958	29.63	8.89	7.94	2.1	2.346	95.1
847	1/2/2009 5:01	9.95	45.808	29.53	8.82	7.94	2.3	2.294	94.3
848	1/2/2009 5:16	9.95	45.787	29.51	8.83	7.94	2.4	2.247	94.3
849	1/2/2009 5:31	9.95	45.538	29.33	8.91	7.94	3.3	2.159	95.1
850	1/2/2009 5:46	9.94	45.139	29.05	9.04	7.94	5.2	2.061	96.3
851	1/2/2009 6:01	9.93	44.762	28.78	9.02	7.94	4.4	2	96
852	1/2/2009 6:16	9.92	44.449	28.56	9	7.93	3	1.924	95.5
853	1/2/2009 6:31	9.91	44.17	28.36	8.92	7.93	2.6	1.847	94.6
854	1/2/2009 6:46	9.89	43.955	28.21	8.9	7.92	2.9	1.774	94.2
855	1/2/2009 7:01	9.88	42.838	27.41	8.89	7.6	3.1	1.705	93.5
856	1/2/2009 7:16	9.85	43.379	27.79	8.85	7.91	4	1.627	93.3
857	1/2/2009 7:31	9.82	43.073	27.58	8.92	7.91	6.2	1.57	93.8
858	1/2/2009 7:46	9.79	42.775	27.36	9.13	7.91	11.2	1.517	95.9
859	1/2/2009 8:01	9.78	42.265	27	9.09	7.91	9.7	1.44	95.3
860	1/2/2009 8:16	9.76	42.667	27.29	9.12	7.94	11.6	1.412	95.7
861	1/2/2009 8:31	9.75	41.766	26.65	9.01	7.92	8.6	1.349	94.2
862	1/2/2009 8:46	9.76	41.665	26.58	8.88	7.89	5.4	1.315	92.7
863	1/2/2009 9:01	9.76	41.382	26.38	8.74	7.89	4.5	1.29	91.2
864	1/2/2009 9:16	9.76	41.209	26.26	8.57	7.88	3.4	1.251	89.3
865	1/2/2009 9:31	9.75	41.074	26.16	8.5	7.87	3.5	1.256	88.5
866	1/2/2009 9:46	9.74	41.21	26.26	8.43	7.87	3.2	1.252	87.9
867	1/2/2009 10:01	9.74	41.278	26.31	8.36	7.86	3.2	1.252	87.1
868	1/2/2009 10:16	9.73	41.118	26.19	8.23	7.85	3.4	1.274	85.7
869	1/2/2009 10:31	9.73	41.41	26.4	8.09	7.83	3.2	1.295	84.3
870	1/2/2009 10:46	9.72	41.601	26.53	8.21	7.83	5.1	1.338	85.6
871	1/2/2009 11:01	9.73	41.909	26.75	9.12	7.89	9.7	1.388	95.3
872	1/2/2009 11:16	9.75	42.116	26.9	9.19	7.92	11.8	1.437	96.2
873	1/2/2009 11:31	9.75	41.974	26.8	9.23	7.92	10.9	1.493	96.5
874	1/2/2009 11:46	9.77	41.938	26.77	9.24	7.92	10.7	1.553	96.6
875	1/2/2009 12:01	9.8	42.051	26.85	9.25	7.92	9.1	1.602	96.8
876	1/2/2009 12:16	9.81	42.132	26.91	9.31	7.93	8.5	1.651	97.5
877	1/2/2009 12:31	9.82	42.562	27.22	9.27	7.93	8.2	1.702	97.4
878	1/2/2009 12:46	9.83	42.536	27.2	9.31	7.93	7.6	1.75	97.8
879	1/2/2009 13:01	9.84	42.657	27.28	9.27	7.93	7	1.793	97.5
880	1/2/2009 13:16	9.86	42.963	27.5	9.29	7.93	6.8	1.843	97.8
881	1/2/2009 13:31	9.88	43.265	27.72	9.24	7.94	5.9	1.884	97.4

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
882	1/2/2009 13:46	9.9	43.565	27.93	9.31	7.95	6	1.937	98.4
883	1/2/2009 14:01	9.92	43.558	27.93	9.36	7.96	4.8	1.986	98.9
884	1/2/2009 14:16	9.92	43.84	28.12	9.27	7.95	4.6	2.005	98.2
885	1/2/2009 14:31	9.93	44.024	28.26	9.14	7.94	3.9	2.04	96.8
886	1/2/2009 14:46	9.92	44.135	28.33	9.09	7.93	3.1	2.064	96.4
887	1/2/2009 15:01	9.93	44.128	28.33	8.94	7.93	3.3	2.056	94.8
888	1/2/2009 15:16	9.99	43.969	28.22	9.25	7.95	3.9	2.06	98.1
889	1/2/2009 15:31	10	43.894	28.17	9.19	7.94	3.9	2.052	97.5
890	1/2/2009 15:46	10	43.891	28.17	8.8	7.91	3.3	2.026	93.3
891	1/2/2009 16:01	9.98	43.545	27.92	8.75	7.89	4.5	1.988	92.6
892	1/2/2009 16:16	9.98	43.497	27.89	8.44	7.88	3.2	1.951	89.4
893	1/2/2009 16:31	9.95	43.25	27.71	8.47	7.89	4.5	1.872	89.5
894	1/2/2009 16:46	9.93	42.575	27.23	8.49	7.89	4.3	1.8	89.4
895	1/2/2009 17:01	9.91	42.851	27.42	8.66	7.9	5.2	1.728	91.3
896	1/2/2009 17:16	9.89	42.747	27.35	8.63	7.9	5.9	1.662	90.9
897	1/2/2009 17:31	9.86	42.502	27.18	8.83	7.9	6.7	1.601	92.8
898	1/2/2009 17:46	9.83	42.392	27.1	8.85	7.9	7.3	1.512	92.9
899	1/2/2009 18:01	9.81	42.249	26.99	8.5	7.88	6	1.432	89.1
900	1/2/2009 18:16	9.77	42.02	26.83	8.63	7.88	11.4	1.364	90.3
901	1/2/2009 18:31	9.78	41.541	26.49	8.31	7.87	7	1.264	86.8
902	1/2/2009 18:46	9.76	41.133	26.21	8.39	7.87	7.7	1.175	87.4
903	1/2/2009 19:01	9.72	41.13	26.2	8.61	7.88	12.3	1.102	89.6
904	1/2/2009 19:16	9.73	40.834	25.99	8.4	7.87	5.9	1.007	87.4
905	1/2/2009 19:31	9.74	40.423	25.71	8.29	7.86	4.3	0.916	86
906	1/2/2009 19:46	9.74	40.466	25.74	8.27	7.86	3.7	0.83	85.8
907	1/2/2009 20:01	9.72	40.372	25.67	8.22	7.85	3.7	0.779	85.2
908	1/2/2009 20:16	9.72	40.476	25.74	8.16	7.84	3.7	0.711	84.7
909	1/2/2009 20:31	9.71	40.312	25.63	8.09	7.84	3.5	0.666	83.9
910	1/2/2009 20:46	9.7	40.307	25.62	7.95	7.83	3.6	0.622	82.4
911	1/2/2009 21:01	9.69	40.494	25.75	7.9	7.8	3.5	0.622	81.9
912	1/2/2009 21:16	9.68	40.241	25.58	7.98	7.82	3.5	0.607	82.6
913	1/2/2009 21:31	9.67	40.364	25.66	7.77	7.81	3.4	0.598	80.5
914	1/2/2009 21:46	9.64	40.391	25.68	7.64	7.8	3.3	0.643	79.1
915	1/2/2009 22:01	9.57	40.227	25.56	7.79	7.8	6.8	0.669	80.5
916	1/2/2009 22:16	9.51	40.541	25.78	8.61	7.81	9.6	0.722	89
917	1/2/2009 22:31	9.48	40.46	25.72	8.31	7.81	9.5	0.76	85.8
918	1/2/2009 22:46	9.5	40.349	25.64	8.86	7.87	11.9	0.818	91.4
919	1/2/2009 23:01	9.52	40.44	25.71	8.73	7.86	11.8	0.896	90.2
920	1/2/2009 23:16	9.63	40.567	25.8	9.17	7.89	13.4	0.955	95
921	1/2/2009 23:31	9.65	40.538	25.78	9.15	7.88	13.2	1.024	94.8
922	1/2/2009 23:46	9.68	40.513	25.77	9.13	7.89	12.8	1.098	94.7
923	1/3/2009 0:01	9.71	40.697	25.9	9.26	7.91	13.1	1.173	96.2
924	1/3/2009 0:16	9.73	41.047	26.14	9.28	7.91	12.9	1.249	96.6
925	1/3/2009 0:31	9.74	41.076	26.16	9.38	7.93	11.2	1.331	97.6
926	1/3/2009 0:46	9.76	41.245	26.28	9.39	7.93	9.5	1.413	97.9
927	1/3/2009 1:01	9.77	41.547	26.5	9.44	7.95	8.4	1.493	98.6
928	1/3/2009 1:16	9.78	41.655	26.57	9.48	7.96	8.8	1.571	99.1
929	1/3/2009 1:31	9.74	41.416	26.4	9.51	7.96	8.6	1.656	99.2
930	1/3/2009 1:46	9.71	41.467	26.44	9.49	7.97	7.8	1.73	98.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
931	1/3/2009 2:01	9.63	42.03	26.83	9.56	7.98	7.1	1.81	99.7
932	1/3/2009 2:16	9.64	43.02	27.53	9.49	7.98	6.7	1.888	99.4
933	1/3/2009 2:31	9.76	43.349	27.77	9.48	7.96	7.1	1.965	99.8
934	1/3/2009 2:46	9.76	43.739	28.04	9.51	7.99	7.1	2.037	100.3
935	1/3/2009 3:01	9.75	43.915	28.17	9.5	7.99	6.5	2.115	100.2
936	1/3/2009 3:16	9.78	44.203	28.37	9.49	7.99	6.1	2.183	100.3
937	1/3/2009 3:31	9.75	44.381	28.5	9.51	8	5.2	2.246	100.5
938	1/3/2009 3:46	9.71	44.795	28.79	9.5	8	5	2.291	100.5
939	1/3/2009 4:01	9.7	44.729	28.74	9.49	8	4.3	2.341	100.4
940	1/3/2009 4:16	9.7	44.971	28.92	9.49	8	4.2	2.378	100.5
941	1/3/2009 4:31	9.7	45.109	29.01	9.5	8	3.9	2.389	100.6
942	1/3/2009 4:46	9.7	44.968	28.91	9.35	8	3.8	2.399	99
943	1/3/2009 5:01	9.71	44.99	28.93	9.32	7.99	3.7	2.374	98.7
944	1/3/2009 5:16	9.71	44.924	28.88	9.12	7.97	3.2	2.334	96.6
945	1/3/2009 5:31	9.56	44.498	28.57	9.13	7.97	3.8	2.292	96.1
946	1/3/2009 5:46	9.43	44.146	28.31	9.24	7.97	4.9	2.222	96.9
947	1/3/2009 6:01	9.39	43.839	28.09	9.32	7.97	6.1	2.139	97.5
948	1/3/2009 6:16	9.34	43.509	27.86	9.34	7.97	6.4	2.055	97.4
949	1/3/2009 6:31	9.3	43.267	27.68	9.31	7.97	5.7	1.989	96.9
950	1/3/2009 6:46	9.3	42.913	27.43	9.1	7.96	4.8	1.901	94.5
951	1/3/2009 7:01	9.24	42.285	26.99	9.13	7.95	5.6	1.827	94.5
952	1/3/2009 7:16	9.23	41.97	26.77	8.97	7.94	5.1	1.739	92.7
953	1/3/2009 7:31	9.19	42.056	26.82	8.95	7.92	5.1	1.665	92.4
954	1/3/2009 7:46	9.18	41.691	26.57	8.98	7.94	5.3	1.604	92.6
955	1/3/2009 8:01	9.16	41.642	26.53	8.99	7.93	5.6	1.535	92.6
956	1/3/2009 8:16	9.13	41.519	26.44	9.04	7.93	6.3	1.446	93
957	1/3/2009 8:31	9.1	41.519	26.44	8.97	7.92	6.1	1.381	92.2
958	1/3/2009 8:46	9.08	41.318	26.3	8.83	7.91	6.8	1.329	90.6
959	1/3/2009 9:01	9.06	41.181	26.2	8.73	7.9	6.8	1.263	89.5
960	1/3/2009 9:16	9.02	41.055	26.11	8.6	7.89	7.9	1.186	88.1
961	1/3/2009 9:31	8.99	40.956	26.04	8.55	7.89	8.1	1.147	87.5
962	1/3/2009 9:46	8.95	40.769	25.91	8.52	7.88	8.1	1.117	87
963	1/3/2009 10:01	8.9	40.845	25.96	8.52	7.88	8.5	1.079	86.9
964	1/3/2009 10:16	8.86	40.836	25.95	8.54	7.88	7.9	1.065	87
965	1/3/2009 10:31	8.83	40.837	25.95	8.46	7.82	7.8	1.048	86.1
966	1/3/2009 10:46	8.79	40.853	25.96	8.47	7.88	7.6	1.074	86.2
967	1/3/2009 11:01	8.78	40.871	25.97	8.5	7.87	7.3	1.083	86.5
968	1/3/2009 11:16	8.77	40.852	25.95	8.72	7.91	7.1	1.103	88.8
969	1/3/2009 11:31	8.81	40.711	25.86	8.81	7.9	6.4	1.141	89.6
970	1/3/2009 11:46	8.86	40.817	25.93	8.8	7.9	7.3	1.171	89.7
971	1/3/2009 12:01	8.9	40.791	25.92	8.93	7.91	7.4	1.23	91.1
972	1/3/2009 12:16	8.9	40.768	25.9	8.92	7.91	7	1.271	91
973	1/3/2009 12:31	8.92	40.663	25.83	9	7.91	6.7	1.312	91.8
974	1/3/2009 12:46	8.96	41.014	26.08	9.17	7.94	6.2	1.357	93.8
975	1/3/2009 13:01	9	41.107	26.15	9.23	7.94	6.5	1.405	94.5
976	1/3/2009 13:16	9.04	41.284	26.27	9.19	7.94	6.1	1.449	94.3
977	1/3/2009 13:31	9.09	41.536	26.45	9.21	7.94	5.6	1.49	94.7
978	1/3/2009 13:46	9.14	41.866	26.69	9.24	7.96	5.8	1.537	95.2
979	1/3/2009 14:01	9.16	42.016	26.79	9.28	7.95	5.2	1.576	95.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
980	1/3/2009 14:16	9.2	42.173	26.91	9.25	7.96	5	1.627	95.6
981	1/3/2009 14:31	9.24	42.466	27.11	9.24	7.96	4.9	1.669	95.7
982	1/3/2009 14:46	9.27	42.595	27.21	9.26	7.96	4.9	1.69	96
983	1/3/2009 15:01	9.32	42.735	27.31	9.34	7.97	4.3	1.744	97
984	1/3/2009 15:16	9.36	42.791	27.35	9.32	7.97	4.6	1.776	96.9
985	1/3/2009 15:31	9.36	42.754	27.33	9.26	7.96	4.3	1.788	96.3
986	1/3/2009 15:46	9.41	42.782	27.35	9.23	7.98	4.5	1.819	96.1
987	1/3/2009 16:01	9.47	42.602	27.22	9.34	7.98	4.2	1.833	97.3
988	1/3/2009 16:16	9.49	42.53	27.17	9.36	7.98	4.2	1.834	97.5
989	1/3/2009 16:31	9.51	42.454	27.12	9.38	7.98	4.2	1.825	97.7
990	1/3/2009 16:46	9.52	42.512	27.16	9.31	7.98	4.1	1.818	97.1
991	1/3/2009 17:01	9.51	42.565	27.2	9.44	7.99	4.3	1.801	98.5
992	1/3/2009 17:16	9.45	42.422	27.1	9.45	8	4.2	1.759	98.4
993	1/3/2009 17:31	9.4	42.315	27.02	9.35	7.99	4.2	1.71	97.2
994	1/3/2009 17:46	9.3	42.333	27.02	9.06	7.96	5.4	1.65	93.9
995	1/3/2009 18:01	9.15	41.93	26.73	9.26	7.95	9.3	1.595	95.4
996	1/3/2009 18:16	9.12	41.99	26.77	9.1	7.93	9.1	1.535	93.8
997	1/3/2009 18:31	9.09	41.625	26.51	9.01	7.93	9.3	1.469	92.6
998	1/3/2009 18:46	9.06	41.582	26.48	8.89	7.92	8.4	1.388	91.4
999	1/3/2009 19:01	9	41.413	26.36	8.81	7.91	8.4	1.324	90.3
1000	1/3/2009 19:16	8.98	40.523	25.74	8.64	7.96	8.2	1.259	88.2
1001	1/3/2009 19:31	8.96	41.041	26.1	8.39	7.88	7.4	1.179	85.7
1002	1/3/2009 19:46	8.96	40.833	25.95	8.2	7.87	6	1.093	83.8
1003	1/3/2009 20:01	8.95	40.63	25.81	8.09	7.86	5.9	1.03	82.5
1004	1/3/2009 20:16	8.93	40.615	25.8	7.97	7.86	5.9	0.973	81.2
1005	1/3/2009 20:31	8.9	40.53	25.74	7.82	7.86	6.6	0.908	79.6
1006	1/3/2009 20:46	8.88	40.503	25.72	7.75	7.85	7	0.853	78.9
1007	1/3/2009 21:01	8.85	40.52	25.73	7.69	7.85	7.1	0.834	78.3
1008	1/3/2009 21:16	8.82	40.57	25.76	7.65	7.78	7.1	0.802	77.8
1009	1/3/2009 21:31	8.77	40.266	25.54	7.56	7.84	6.7	0.768	76.7
1010	1/3/2009 21:46	8.73	40.303	25.57	7.6	7.85	7.7	0.769	77
1011	1/3/2009 22:01	8.69	40.436	25.66	7.97	7.86	7.6	0.777	80.7
1012	1/3/2009 22:16	8.64	40.32	25.57	8.11	7.87	7.1	0.805	82.1
1013	1/3/2009 22:31	8.62	40.333	25.58	8.11	7.86	7.1	0.804	82.1
1014	1/3/2009 22:46	8.56	40.456	25.66	8.03	7.85	8.7	0.839	81.1
1015	1/3/2009 23:01	8.48	40.421	25.63	8.96	7.95	12.5	0.881	90.3
1016	1/3/2009 23:16	8.49	39.995	25.34	9.59	7.63	14.5	0.934	96.5
1017	1/3/2009 23:31	8.57	40.493	25.69	9.58	8	14.4	0.964	96.8
1018	1/3/2009 23:46	8.64	40.6	25.77	9.54	7.97	12.9	1.016	96.7
1019	1/4/2009 0:01	8.79	40.827	25.94	9.54	7.97	13.2	1.099	97.1
1020	1/4/2009 0:16	8.83	40.912	26	9.52	7.96	13.1	1.148	97
1021	1/4/2009 0:31	8.85	41.095	26.13	9.49	7.93	12.5	1.214	96.9
1022	1/4/2009 0:46	8.88	41.06	26.11	9.49	7.97	11.8	1.292	96.9
1023	1/4/2009 1:01	8.94	41.182	26.19	9.55	7.98	11.5	1.365	97.7
1024	1/4/2009 1:16	8.96	41.249	26.24	9.57	7.98	10.9	1.453	98
1025	1/4/2009 1:31	9.01	41.398	26.35	9.55	7.98	9.6	1.516	97.9
1026	1/4/2009 1:46	9.06	41.981	26.76	9.56	8	8	1.593	98.4
1027	1/4/2009 2:01	9.05	41.953	26.74	9.59	8	7.6	1.672	98.7
1028	1/4/2009 2:16	9	42.235	26.94	9.6	8.01	7	1.735	98.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1029	1/4/2009 2:31	8.95	42.158	26.88	9.62	8.01	6.8	1.811	98.8
1030	1/4/2009 2:46	8.94	42.281	26.97	9.66	8.02	6.8	1.892	99.3
1031	1/4/2009 3:01	8.91	42.696	27.26	9.65	8.02	6	1.959	99.3
1032	1/4/2009 3:16	8.97	43.298	27.68	9.62	8.03	5.9	2.034	99.4
1033	1/4/2009 3:31	9.02	43.515	27.84	9.59	8.03	5.7	2.111	99.3
1034	1/4/2009 3:46	9.34	44.561	28.6	9.51	8.03	5.7	2.171	99.7
1035	1/4/2009 4:01	9.41	45.144	29.02	9.47	8.03	5.2	2.241	99.7
1036	1/4/2009 4:16	9.37	45.242	29.09	9.48	8.03	5.1	2.295	99.8
1037	1/4/2009 4:31	9.33	45.415	29.21	9.48	8.04	4.5	2.35	99.8
1038	1/4/2009 4:46	9.32	45.566	29.31	9.47	8.03	4	2.395	99.7
1039	1/4/2009 5:01	9.31	45.65	29.37	9.43	8.03	3.7	2.408	99.2
1040	1/4/2009 5:16	9.3	45.879	29.54	9.36	7.99	3.6	2.45	98.6
1041	1/4/2009 5:31	9.3	45.719	29.42	9.36	8.02	3.5	2.428	98.5
1042	1/4/2009 5:46	9.31	45.667	29.39	9.26	8.02	3.2	2.4	97.4
1043	1/4/2009 6:01	9.3	45.359	29.17	9.06	8	3.2	2.35	95.3
1044	1/4/2009 6:16	9.05	45.033	28.92	9.25	8.01	6	2.303	96.5
1045	1/4/2009 6:31	8.95	44.375	28.45	9.34	8	5.3	2.237	96.9
1046	1/4/2009 6:46	8.93	44.019	28.19	9.29	8	5	2.151	96.2
1047	1/4/2009 7:01	8.9	43.497	27.82	9.15	8	3.8	2.071	94.4
1048	1/4/2009 7:16	8.81	43.005	27.47	9.13	7.99	4.3	1.988	93.9
1049	1/4/2009 7:31	8.75	42.7	27.25	9.08	7.99	4.1	1.907	93.1
1050	1/4/2009 7:46	8.72	42.454	27.07	9.06	7.98	4.1	1.841	92.7
1051	1/4/2009 8:01	8.72	42.24	26.92	9.09	7.98	5.4	1.723	92.9
1052	1/4/2009 8:16	8.7	42.328	26.98	9.1	7.98	5.4	1.654	93
1053	1/4/2009 8:31	8.65	42.273	26.94	9.15	7.97	5.9	1.599	93.4
1054	1/4/2009 8:46	8.61	42.321	26.97	9.08	7.95	5.7	1.501	92.7
1055	1/4/2009 9:01	8.54	41.582	26.45	9.13	7.94	6.3	1.425	92.7
1056	1/4/2009 9:16	8.51	41.412	26.33	9.07	7.96	6.4	1.323	91.9
1057	1/4/2009 9:31	8.39	41.467	26.36	9.12	7.92	6.6	1.268	92.2
1058	1/4/2009 9:46	8.38	41.283	26.23	8.99	7.96	6.3	1.21	90.8
1059	1/4/2009 10:01	8.36	41.087	26.09	8.83	7.85	7.4	1.12	89.1
1060	1/4/2009 10:16	8.32	40.698	25.82	8.78	7.94	7.8	1.032	88.3
1061	1/4/2009 10:31	8.27	40.777	25.87	8.73	7.94	8	1.003	87.7
1062	1/4/2009 10:46	8.25	40.752	25.85	8.57	7.83	7.4	0.945	86.1
1063	1/4/2009 11:01	8.19	40.367	25.58	8.31	7.9	7.1	0.887	83.2
1064	1/4/2009 11:16	8.17	40.506	25.67	8.12	7.9	6.9	0.88	81.3
1065	1/4/2009 11:31	8.15	40.741	25.84	8.05	7.79	7	0.871	80.7
1066	1/4/2009 11:46	8.13	40.449	25.63	7.91	7.87	6.4	0.848	79.2
1067	1/4/2009 12:01	8.13	40.587	25.73	8.01	7.88	6.6	0.868	80.1
1068	1/4/2009 12:16	8.08	40.694	25.8	8.78	7.96	6.5	0.911	87.8
1069	1/4/2009 12:31	8.08	39.948	25.28	9.06	7.63	7.1	0.921	90.3
1070	1/4/2009 12:46	8.15	40.88	25.93	9.08	7.96	6.5	0.961	91.1
1071	1/4/2009 13:01	8.15	40.746	25.84	9.36	7.88	8.2	1.018	93.8
1072	1/4/2009 13:16	8.15	40.614	25.75	9.27	7.98	7.3	1.043	92.8
1073	1/4/2009 13:31	8.17	40.879	25.93	9.35	7.88	6.9	1.1	93.8
1074	1/4/2009 13:46	8.19	40.81	25.89	9.41	7.99	7	1.136	94.4
1075	1/4/2009 14:01	8.21	40.922	25.97	9.48	8	6.3	1.193	95.2
1076	1/4/2009 14:16	8.23	40.997	26.02	9.47	8	6.2	1.231	95.2
1077	1/4/2009 14:31	8.26	41.13	26.12	9.46	8	6.3	1.268	95.2

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1078	1/4/2009 14:46	8.34	41.424	26.33	9.36	7.99	5.4	1.332	94.5
1079	1/4/2009 15:01	8.39	41.691	26.52	9.25	7.98	5.2	1.381	93.6
1080	1/4/2009 15:16	8.46	41.89	26.66	9.29	8	5.4	1.432	94.3
1081	1/4/2009 15:31	8.52	42.061	26.78	9.37	8.01	5.2	1.472	95.3
1082	1/4/2009 15:46	8.56	42.732	27.26	9.38	7.96	5.4	1.511	95.7
1083	1/4/2009 16:01	8.58	42.285	26.95	9.42	7.92	5.1	1.573	96
1084	1/4/2009 16:16	8.62	42.303	26.96	9.42	8.01	4.5	1.605	96.1
1085	1/4/2009 16:31	8.63	42.368	27.01	9.4	8.01	4.8	1.609	95.9
1086	1/4/2009 16:46	8.68	42.569	27.15	9.4	8.01	4.3	1.658	96.1
1087	1/4/2009 17:01	8.69	42.473	27.09	9.42	8.01	3.9	1.675	96.3
1088	1/4/2009 17:16	8.72	42.844	27.35	9.27	8	3.7	1.702	95
1089	1/4/2009 17:31	8.71	42.5	27.11	9.25	8	3.6	1.691	94.7
1090	1/4/2009 17:46	8.73	42.917	27.4	9.25	8	3.5	1.724	94.9
1091	1/4/2009 18:01	8.72	42.884	27.38	9.24	8	3.2	1.714	94.8
1092	1/4/2009 18:16	8.71	41.913	26.69	9.09	7.64	3.4	1.671	92.8
1093	1/4/2009 18:31	8.72	42.542	27.14	9.03	7.98	3.3	1.686	92.5
1094	1/4/2009 18:46	8.7	42.595	27.17	8.71	7.96	3.4	1.614	89.1
1095	1/4/2009 19:01	8.7	42.417	27.05	8.63	7.97	3.4	1.582	88.2
1096	1/4/2009 19:16	8.68	42.421	27.05	8.68	7.97	3.9	1.526	88.8
1097	1/4/2009 19:31	8.65	42.199	26.89	8.6	7.97	4	1.468	87.7
1098	1/4/2009 19:46	8.58	41.93	26.7	8.75	7.96	4.4	1.414	89.1
1099	1/4/2009 20:01	8.53	41.625	26.48	8.65	7.91	4.8	1.329	87.9
1100	1/4/2009 20:16	8.48	41.289	26.24	8.75	7.96	5.1	1.271	88.6
1101	1/4/2009 20:31	8.39	41.088	26.09	9.09	7.99	4.9	1.239	91.7
1102	1/4/2009 20:46	8.35	40.88	25.95	9.06	7.97	5	1.148	91.3
1103	1/4/2009 21:01	8.3	40.839	25.92	8.91	7.98	4.8	1.14	89.6
1104	1/4/2009 21:16	8.29	40.789	25.88	8.85	7.97	5	1.089	89
1105	1/4/2009 21:31	8.29	40.684	25.81	8.63	7.95	5.2	1.046	86.7
1106	1/4/2009 21:46	8.27	40.711	25.82	8.51	7.94	5.2	1.018	85.5
1107	1/4/2009 22:01	8.27	40.747	25.85	8.47	7.93	5.6	1.012	85.2
1108	1/4/2009 22:16	8.26	40.704	25.82	8.45	7.93	5.4	1.005	84.9
1109	1/4/2009 22:31	8.25	40.876	25.94	8.37	7.83	5.1	0.985	84.1
1110	1/4/2009 22:46	8.21	40.627	25.76	8.53	7.94	4.6	1.037	85.6
1111	1/4/2009 23:01	8.19	40.701	25.81	8.62	7.94	4.5	1.016	86.4
1112	1/4/2009 23:16	8.18	40.516	25.68	8.62	7.94	4.4	1.017	86.4
1113	1/4/2009 23:31	8.16	40.693	25.8	8.63	7.93	3.8	1.078	86.5
1114	1/4/2009 23:46	8.15	40.596	25.74	9.18	7.97	2.9	1.103	91.9
1115	1/5/2009 0:01	8.16	40.716	25.82	8.75	7.94	3.3	1.089	87.7
1116	1/5/2009 0:16	8.14	40.903	25.95	9.51	8	4.6	1.174	95.3
1117	1/5/2009 0:31	8.2	40.932	25.97	9.56	8.01	5	1.241	96
1118	1/5/2009 0:46	8.22	40.901	25.95	9.51	8.01	4.9	1.245	95.5
1119	1/5/2009 1:01	8.43	41.607	26.46	9.44	8.01	5	1.315	95.6
1120	1/5/2009 1:16	8.49	41.683	26.52	9.49	8.02	4.8	1.396	96.3
1121	1/5/2009 1:31	8.5	41.973	26.72	9.55	8.03	5.6	1.454	97.1
1122	1/5/2009 1:46	8.48	41.799	26.6	9.57	8.03	5.6	1.509	97.1
1123	1/5/2009 2:01	8.46	41.866	26.64	9.56	8.03	5.5	1.594	97.1
1124	1/5/2009 2:16	8.56	42.202	26.89	9.61	8.04	5.2	1.682	97.9
1125	1/5/2009 2:31	8.51	42.388	27.01	9.65	8.04	6.9	1.732	98.2
1126	1/5/2009 2:46	8.53	42.593	27.16	9.66	8.05	5.3	1.815	98.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1127	1/5/2009 3:01	8.62	42.893	27.38	9.62	8.05	5.6	1.904	98.5
1128	1/5/2009 3:16	8.75	43.629	27.9	9.59	8.05	4.9	1.969	98.7
1129	1/5/2009 3:31	8.78	43.972	28.15	9.55	7.96	5.4	2.046	98.6
1130	1/5/2009 3:46	8.89	44.202	28.32	9.51	8.05	4.7	2.148	98.5
1131	1/5/2009 4:01	9.01	44.976	28.88	9.48	8.06	4.9	2.224	98.9
1132	1/5/2009 4:16	9.03	45.479	29.23	9.48	8.02	4.9	2.286	99
1133	1/5/2009 4:31	9.07	45.582	29.31	9.46	8.06	4.9	2.373	99
1134	1/5/2009 4:46	9.09	45.889	29.53	9.43	8.06	4.2	2.443	98.9
1135	1/5/2009 5:01	9.08	45.983	29.6	9.48	8.06	4	2.485	99.4
1136	1/5/2009 5:16	9.08	46.314	29.83	9.42	8.06	3.9	2.534	98.9
1137	1/5/2009 5:31	9.08	46.535	29.99	9.41	8.06	3.8	2.584	98.9
1138	1/5/2009 5:46	9.08	46.436	29.92	9.37	8.06	3.4	2.579	98.5
1139	1/5/2009 6:01	9.08	46.622	30.05	9.29	8.02	3.2	2.588	97.8
1140	1/5/2009 6:16	9.08	46.451	29.93	9.24	8.05	3.3	2.603	97.2
1141	1/5/2009 6:31	9.08	46.301	29.82	9.26	8.05	3	2.564	97.3
1142	1/5/2009 6:46	9.08	46.031	29.63	8.86	8.03	2.8	2.499	92.9
1143	1/5/2009 7:01	9.02	45.844	29.49	9.11	8.03	3.4	2.474	95.4
1144	1/5/2009 7:16	8.91	45.11	28.96	9.27	8.03	3.7	2.418	96.5
1145	1/5/2009 7:31	8.89	44.906	28.82	9.27	7.99	4.5	2.309	96.3
1146	1/5/2009 7:46	8.87	44.761	28.71	9.32	8.02	4.8	2.242	96.7
1147	1/5/2009 8:01	8.85	44.43	28.48	9.3	8.02	3.8	2.18	96.3
1148	1/5/2009 8:16	8.81	43.84	28.06	9.31	8.02	6.8	2.063	96.1
1149	1/5/2009 8:31	8.77	43.06	27.5	9.34	8.05	5.1	1.98	95.9
1150	1/5/2009 8:46	8.71	43.499	27.81	9.31	8.01	4.9	1.919	95.8
1151	1/5/2009 9:01	8.74	43.025	27.48	9.14	7.97	3.2	1.814	93.8
1152	1/5/2009 9:16	8.72	42.519	27.12	9.09	8	3.4	1.712	93.1
1153	1/5/2009 9:31	8.68	42.384	27.02	9.07	7.95	4	1.639	92.8
1154	1/5/2009 9:46	8.66	42.187	26.88	9.07	7.95	3.7	1.536	92.6
1155	1/5/2009 10:01	8.64	41.835	26.63	9.01	7.94	3.4	1.438	91.8
1156	1/5/2009 10:16	8.6	41.462	26.37	8.98	7.98	3.7	1.354	91.3
1157	1/5/2009 10:31	8.59	41.364	26.3	8.81	7.95	3.6	1.251	89.4
1158	1/5/2009 10:46	8.57	41.217	26.2	8.67	7.95	3.4	1.187	87.9
1159	1/5/2009 11:01	8.55	40.888	25.97	8.37	7.92	3.5	1.079	84.7
1160	1/5/2009 11:16	8.54	40.56	25.74	8.15	7.91	3.9	1.001	82.3
1161	1/5/2009 11:31	8.53	40.618	25.78	7.88	7.9	4.5	0.915	79.6
1162	1/5/2009 11:46	8.51	40.33	25.57	7.64	7.89	5.2	0.84	77.1
1163	1/5/2009 12:01	8.49	40.628	25.78	7.46	7.77	5.6	0.799	75.3
1164	1/5/2009 12:16	8.48	40.433	25.64	7.36	7.87	6	0.774	74.2
1165	1/5/2009 12:31	8.47	40.528	25.71	7.31	7.76	6.1	0.73	73.7
1166	1/5/2009 12:46	8.44	40.455	25.66	7.21	7.75	6	0.697	72.6
1167	1/5/2009 13:01	8.41	40.95	26	8.54	7.82	3.6	0.762	86.2
1168	1/5/2009 13:16	8.44	40.541	25.72	7.49	7.76	5.2	0.719	75.6
1169	1/5/2009 13:31	8.47	40.759	25.87	8.14	7.79	4.4	0.747	82.2
1170	1/5/2009 13:46	8.48	41.299	26.25	9.32	8	4.3	0.829	94.4
1171	1/5/2009 14:01	8.49	41.393	26.31	9.5	7.89	4.4	0.827	96.2
1172	1/5/2009 14:16	8.51	41.137	26.14	9.39	8	4.4	0.883	95.1
1173	1/5/2009 14:31	8.54	41.249	26.22	9.51	7.9	4.6	0.943	96.4
1174	1/5/2009 14:46	8.52	41.023	26.06	9.56	7.9	4.5	0.992	96.8
1175	1/5/2009 15:01	8.49	41.28	26.24	9.46	7.9	4.8	1.035	95.8

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1176	1/5/2009 15:16	8.46	41.052	26.07	9.51	8.01	4.6	1.095	96.1
1177	1/5/2009 15:31	8.45	41.175	26.16	9.51	8.01	4.4	1.143	96.2
1178	1/5/2009 15:46	8.46	41.256	26.22	9.46	8.01	4.3	1.203	95.7
1179	1/5/2009 16:01	8.46	41.407	26.32	9.46	8.01	4.3	1.255	95.8
1180	1/5/2009 16:16	8.47	41.595	26.46	10.24	8.01	4.2	1.313	103.8
1181	1/5/2009 16:31	8.49	41.681	26.52	9.46	8.01	4	1.368	96
1182	1/5/2009 16:46	8.52	42.029	26.76	9.44	8.02	3.9	1.415	96
1183	1/5/2009 17:01	8.55	41.763	26.58	9.44	8.02	3.9	1.465	95.9
1184	1/5/2009 17:16	8.58	42.095	26.81	9.46	8.02	4	1.502	96.3
1185	1/5/2009 17:31	8.62	42.578	27.15	9.42	7.92	4.1	1.551	96.3
1186	1/5/2009 17:46	8.64	42.631	27.19	9.41	7.92	4	1.591	96.3
1187	1/5/2009 18:01	8.65	42.576	27.16	9.45	8.03	3.8	1.633	96.6
1188	1/5/2009 18:16	8.66	42.694	27.24	9.43	8.02	4	1.669	96.5
1189	1/5/2009 18:31	8.67	42.631	27.2	9.39	8.02	3.7	1.692	96.1
1190	1/5/2009 18:46	8.68	42.62	27.19	9.36	8.02	3.6	1.704	95.8
1191	1/5/2009 19:01	8.69	42.754	27.28	9.33	8.01	3.2	1.728	95.5
1192	1/5/2009 19:16	8.68	42.816	27.33	9.26	8.01	3.1	1.711	94.8
1193	1/5/2009 19:31	8.68	42.718	27.26	9.16	8	2.9	1.715	93.8
1194	1/5/2009 19:46	8.68	42.865	27.36	9.08	8	2.7	1.717	93
1195	1/5/2009 20:01	8.68	42.821	27.33	8.91	7.89	3	1.666	91.2
1196	1/5/2009 20:16	8.67	42.811	27.32	8.75	7.87	2.8	1.644	89.7
1197	1/5/2009 20:31	8.67	42.653	27.21	8.6	7.87	2.9	1.601	88
1198	1/5/2009 20:46	8.67	42.542	27.13	8.63	7.87	2.9	1.56	88.3
1199	1/5/2009 21:01	8.68	42.167	26.87	9.12	7.98	3.2	1.499	93.1
1200	1/5/2009 21:16	8.68	42.217	26.91	8.58	7.88	3.2	1.481	87.7
1201	1/5/2009 21:31	8.68	42.028	26.77	8.68	7.98	3.2	1.417	88.6
1202	1/5/2009 21:46	8.69	41.705	26.55	8.72	7.98	3.5	1.37	88.9
1203	1/5/2009 22:01	8.7	41.412	26.34	8.76	7.99	3.7	1.327	89.2
1204	1/5/2009 22:16	8.7	41.746	26.58	8.9	7.98	3.7	1.335	90.7
1205	1/5/2009 22:31	8.7	40.888	25.97	8.71	7.97	3.8	1.259	88.5
1206	1/5/2009 22:46	8.7	41.513	26.41	8.65	7.97	3.6	1.237	88.1
1207	1/5/2009 23:01	8.7	41.599	26.47	8.62	7.86	3.7	1.237	87.9
1208	1/5/2009 23:16	8.69	41.454	26.37	8.62	7.87	3.7	1.206	87.8
1209	1/5/2009 23:31	8.68	41.255	26.23	8.53	7.96	3.6	1.194	86.8
1210	1/5/2009 23:46	8.68	41.28	26.25	8.51	7.96	3.7	1.18	86.6
1211	1/6/2009 0:01	8.73	41.25	26.23	8.55	7.96	3.6	1.227	87.1
1212	1/6/2009 0:16	8.79	41.227	26.22	8.99	7.89	3.8	1.236	91.6
1213	1/6/2009 0:31	8.79	41.364	26.31	8.86	7.87	3.7	1.265	90.3
1214	1/6/2009 0:46	8.77	41.327	26.29	8.89	7.88	3.6	1.286	90.7
1215	1/6/2009 1:01	8.69	41.525	26.42	9.38	8.01	3.6	1.338	95.5
1216	1/6/2009 1:16	8.68	41.818	26.62	9.44	7.91	3.8	1.395	96.3
1217	1/6/2009 1:31	8.67	41.739	26.57	9.4	7.9	4.5	1.441	95.8
1218	1/6/2009 1:46	8.67	41.459	26.37	9.42	8.01	3.8	1.492	95.8
1219	1/6/2009 2:01	8.68	42.207	26.9	9.41	7.91	3.8	1.548	96.2
1220	1/6/2009 2:16	8.68	42.422	27.05	9.52	7.92	4	1.612	97.3
1221	1/6/2009 2:31	8.7	42.394	27.03	9.5	8.03	4.2	1.689	97.1
1222	1/6/2009 2:46	8.7	41.908	26.69	9.54	8.02	4.2	1.729	97.4
1223	1/6/2009 3:01	8.72	42.606	27.18	9.52	8.04	4.6	1.819	97.5
1224	1/6/2009 3:16	8.74	42.958	27.43	9.52	7.93	4.6	1.888	97.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1225	1/6/2009 3:31	8.75	43.116	27.54	9.54	7.93	5.2	1.962	98
1226	1/6/2009 3:46	8.8	43.236	27.63	9.5	7.94	4.2	2.03	97.8
1227	1/6/2009 4:01	8.87	42.992	27.46	9.51	8.04	4.7	2.122	97.9
1228	1/6/2009 4:16	8.94	43.664	27.94	9.49	7.94	4.8	2.173	98.2
1229	1/6/2009 4:31	8.99	44.155	28.29	9.46	8.05	4.3	2.266	98.2
1230	1/6/2009 4:46	9.05	44.954	28.86	9.43	8.05	4	2.359	98.4
1231	1/6/2009 5:01	9.13	45.464	29.23	9.46	8.06	4.2	2.417	99.1
1232	1/6/2009 5:16	9.15	45.753	29.44	9.44	8.06	4.3	2.492	99.1
1233	1/6/2009 5:31	9.17	45.792	29.47	9.41	8.05	3.7	2.549	98.8
1234	1/6/2009 5:46	9.22	46.232	29.78	9.4	8.01	3.8	2.619	99
1235	1/6/2009 6:01	9.24	46.083	29.68	9.39	8.05	3.4	2.638	98.8
1236	1/6/2009 6:16	9.25	46.333	29.86	9.39	8.01	3.5	2.68	99.1
1237	1/6/2009 6:31	9.27	46.2	29.76	9.37	8.05	3.6	2.729	98.8
1238	1/6/2009 6:46	9.28	46.221	29.78	9.38	8.04	3.4	2.726	98.9
1239	1/6/2009 7:01	9.27	46.162	29.74	9.28	8.04	2.8	2.682	97.9
1240	1/6/2009 7:16	9.27	46.068	29.67	9.19	8.03	2.7	2.682	96.8
1241	1/6/2009 7:31	9.21	45.829	29.5	9.09	8.02	3.4	2.638	95.6
1242	1/6/2009 7:46	9.09	44.686	28.67	9.25	8.02	3.9	2.565	96.5
1243	1/6/2009 8:01	9.03	45.122	28.98	9.25	8.02	4.1	2.52	96.5
1244	1/6/2009 8:16	8.99	44.721	28.69	9.21	7.98	3.9	2.45	95.9
1245	1/6/2009 8:31	8.99	44.697	28.68	9.21	7.98	3.7	2.34	95.8
1246	1/6/2009 8:46	9	44.31	28.4	9.2	8.01	3.9	2.26	95.6
1247	1/6/2009 9:01	8.99	44.137	28.28	9.1	7.97	3.3	2.186	94.4
1248	1/6/2009 9:16	9	43.491	27.82	9.02	7.97	3.2	2.067	93.3
1249	1/6/2009 9:31	9	43.459	27.8	9.07	7.97	3.5	1.967	93.8
1250	1/6/2009 9:46	8.96	43.583	27.89	9.24	7.97	4.3	1.897	95.6
1251	1/6/2009 10:01	8.94	43.241	27.64	9.18	7.96	3.7	1.782	94.8
1252	1/6/2009 10:16	8.93	42.876	27.38	9.13	7.95	3.7	1.677	94.1
1253	1/6/2009 10:31	8.92	42.344	27.01	8.92	7.99	4	1.564	91.7
1254	1/6/2009 10:46	8.88	41.982	26.75	8.99	7.99	4.6	1.461	92.1
1255	1/6/2009 11:01	8.87	42.057	26.8	9.03	7.99	4.6	1.357	92.6
1256	1/6/2009 11:16	8.89	41.63	26.51	8.76	7.88	4.3	1.227	89.6
1257	1/6/2009 11:31	8.9	41.493	26.41	8.67	7.88	4.1	1.114	88.7
1258	1/6/2009 11:46	8.9	41.405	26.35	8.76	7.88	4.2	1.011	89.6
1259	1/6/2009 12:01	8.91	41.303	26.28	8.47	7.85	3.7	0.904	86.6
1260	1/6/2009 12:16	8.93	40.903	26	8.38	7.93	4.3	0.792	85.6
1261	1/6/2009 12:31	8.93	40.208	25.51	7.36	7.86	6	0.681	74.9
1262	1/6/2009 12:46	8.93	40.251	25.54	7.11	7.74	5.8	0.63	72.4
1263	1/6/2009 13:01	8.93	39.957	25.34	7.05	7.72	6	0.561	71.7
1264	1/6/2009 13:16	8.93	39.881	25.28	7.32	7.73	5.8	0.505	74.4
1265	1/6/2009 13:31	8.94	39.471	25	7.13	7.71	5.8	0.454	72.4
1266	1/6/2009 13:46	8.94	39.113	24.75	7.1	7.69	5.7	0.447	71.9
1267	1/6/2009 14:01	8.95	39.481	25.01	7.17	7.81	5.1	0.466	72.8
1268	1/6/2009 14:16	8.96	39.521	25.04	7.13	7.81	5.1	0.46	72.4
1269	1/6/2009 14:31	8.98	39.713	25.17	7.17	7.81	3.7	0.489	72.9
1270	1/6/2009 14:46	9.01	41.208	26.22	9.27	7.89	3.8	0.56	95
1271	1/6/2009 15:01	9.02	41.357	26.32	9.69	7.93	4.2	0.601	99.4
1272	1/6/2009 15:16	9.03	40.736	25.89	9.64	7.92	4.4	0.62	98.6
1273	1/6/2009 15:31	9.01	40.863	25.98	9.67	7.92	4	0.708	98.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1274	1/6/2009 15:46	8.97	41.015	26.08	9.63	7.91	4.2	0.765	98.5
1275	1/6/2009 16:01	8.94	40.642	25.82	9.63	8.02	4.3	0.818	98.2
1276	1/6/2009 16:16	8.91	41.08	26.12	9.59	7.91	4.1	0.882	98
1277	1/6/2009 16:31	8.9	41.088	26.13	9.58	8.02	4.2	0.973	97.8
1278	1/6/2009 16:46	8.88	41.225	26.22	9.56	7.91	4.1	1.011	97.7
1279	1/6/2009 17:01	8.87	40.615	25.79	9.53	8	3.8	1.067	97.1
1280	1/6/2009 17:16	8.87	41.616	26.49	9.47	8.01	4.2	1.182	96.9
1281	1/6/2009 17:31	8.88	41.611	26.49	9.47	8.02	3.8	1.225	96.9
1282	1/6/2009 17:46	8.89	41.35	26.31	9.49	8.02	4.4	1.286	97.1
1283	1/6/2009 18:01	8.89	41.4	26.34	9.49	8.02	4.1	1.368	97.1
1284	1/6/2009 18:16	8.89	41.756	26.59	9.44	7.91	4	1.432	96.7
1285	1/6/2009 18:31	8.89	42.127	26.85	9.43	7.91	4.3	1.496	96.7
1286	1/6/2009 18:46	8.9	42.327	27	9.4	7.91	4.1	1.533	96.5
1287	1/6/2009 19:01	8.91	42.39	27.04	9.38	7.91	3.8	1.602	96.4
1288	1/6/2009 19:16	8.91	42.544	27.15	9.36	8.02	3.5	1.642	96.3
1289	1/6/2009 19:31	8.91	42.687	27.25	9.34	7.91	3.5	1.663	96.1
1290	1/6/2009 19:46	8.91	42.715	27.27	9.33	8.01	3.6	1.721	96.1
1291	1/6/2009 20:01	8.92	43.151	27.58	9.26	7.91	3.7	1.762	95.5
1292	1/6/2009 20:16	8.92	43.082	27.53	9.25	8.01	3.6	1.761	95.4
1293	1/6/2009 20:31	8.93	43.306	27.69	9.2	8.01	3.6	1.793	95
1294	1/6/2009 20:46	8.93	43.031	27.49	9.18	8.01	3.1	1.797	94.6
1295	1/6/2009 21:01	8.93	43.232	27.64	9.11	8	2.9	1.8	94
1296	1/6/2009 21:16	8.93	43.395	27.75	9.05	7.9	3.1	1.781	93.5
1297	1/6/2009 21:31	8.94	43.002	27.47	8.98	7.99	2.7	1.76	92.6
1298	1/6/2009 21:46	8.94	42.916	27.41	8.92	7.98	2.6	1.736	91.9
1299	1/6/2009 22:01	8.94	42.663	27.24	8.57	7.97	2.4	1.7	88.3
1300	1/6/2009 22:16	8.94	42.865	27.38	8.58	7.97	2.3	1.662	88.5
1301	1/6/2009 22:31	8.95	42.501	27.12	8.65	7.87	2.4	1.628	89
1302	1/6/2009 22:46	8.96	42.362	27.02	8.66	7.89	2.9	1.576	89.1
1303	1/6/2009 23:01	8.97	42.068	26.82	8.68	7.99	2.9	1.552	89.2
1304	1/6/2009 23:16	8.98	42.134	26.87	8.69	7.98	3	1.498	89.3
1305	1/6/2009 23:31	8.98	42.001	26.77	8.71	7.88	3.1	1.456	89.5
1306	1/6/2009 23:46	8.99	41.883	26.69	8.69	7.88	3.1	1.424	89.3
1307	1/7/2009 0:01	9	41.62	26.51	8.72	7.98	3	1.398	89.5
1308	1/7/2009 0:16	9.01	41.712	26.57	8.7	7.87	3.1	1.376	89.3
1309	1/7/2009 0:31	9.02	41.464	26.4	8.71	7.97	3.1	1.34	89.3
1310	1/7/2009 0:46	9.02	41.771	26.61	8.6	7.86	3.1	1.368	88.4
1311	1/7/2009 1:01	9.05	41.656	26.53	8.66	7.86	3.2	1.356	89
1312	1/7/2009 1:16	9.07	41.585	26.49	8.92	7.88	3.1	1.36	91.6
1313	1/7/2009 1:31	9.07	41.588	26.49	8.95	7.88	3.2	1.402	92
1314	1/7/2009 1:46	9.05	41.634	26.52	8.89	7.87	3.1	1.432	91.3
1315	1/7/2009 2:01	9.03	41.713	26.57	9.11	7.88	3.3	1.471	93.6
1316	1/7/2009 2:16	9	41.953	26.74	9.34	7.9	3.6	1.529	96
1317	1/7/2009 2:31	9	41.808	26.64	9.35	8.01	3.7	1.57	96
1318	1/7/2009 2:46	9	42.248	26.95	9.32	8.01	3.9	1.627	95.9
1319	1/7/2009 3:01	9.02	42.562	27.17	9.37	8.02	3.8	1.679	96.6
1320	1/7/2009 3:16	9.02	42.925	27.43	9.38	8.03	3.7	1.747	96.8
1321	1/7/2009 3:31	9.01	42.896	27.4	9.38	8.03	4.4	1.822	96.9
1322	1/7/2009 3:46	9.03	43.062	27.52	9.37	8.03	4.2	1.889	96.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1323	1/7/2009 4:01	9.06	43.221	27.64	9.41	8.03	4	1.956	97.4
1324	1/7/2009 4:16	9.05	43.272	27.67	9.45	8.03	4.5	2.043	97.8
1325	1/7/2009 4:31	9.04	43.802	28.05	9.44	7.93	4.8	2.1	97.9
1326	1/7/2009 4:46	9.05	43.022	27.49	9.47	8.03	4.8	2.187	98
1327	1/7/2009 5:01	9.15	44.496	28.54	9.51	8.05	4.3	2.275	99.2
1328	1/7/2009 5:16	9.21	44.995	28.9	9.54	8.05	4.2	2.351	99.9
1329	1/7/2009 5:31	9.25	45.553	29.3	9.54	7.96	3.9	2.411	100.3
1330	1/7/2009 5:46	9.36	46.218	29.78	9.62	7.97	4.1	2.497	101.6
1331	1/7/2009 6:01	9.42	46.653	30.1	9.65	8.02	4.4	2.573	102.3
1332	1/7/2009 6:16	9.44	46.773	30.18	9.66	8.07	4.4	2.626	102.5
1333	1/7/2009 6:31	9.45	46.958	30.32	9.6	8.02	4	2.691	102
1334	1/7/2009 6:46	9.45	46.83	30.23	9.62	8.07	3.8	2.745	102.1
1335	1/7/2009 7:01	9.45	46.848	30.24	9.53	8.06	3.7	2.78	101.2
1336	1/7/2009 7:16	9.45	46.755	30.17	9.58	8.06	3.8	2.798	101.7
1337	1/7/2009 7:31	9.46	46.92	30.29	9.54	8.06	3.5	2.821	101.3
1338	1/7/2009 7:46	9.45	46.892	30.27	9.45	8.05	4.2	2.801	100.4
1339	1/7/2009 8:01	9.45	46.795	30.2	9.33	8.04	3.1	2.799	99
1340	1/7/2009 8:16	9.46	46.97	30.33	9.3	8	5.7	2.792	98.8
1341	1/7/2009 8:31	9.45	46.884	30.26	9.23	8.03	3.5	2.714	98
1342	1/7/2009 8:46	9.31	45.915	29.56	9.36	8.03	4.2	2.647	98.6
1343	1/7/2009 9:01	9.25	45.441	29.22	9.34	8.03	3.9	2.595	98.1
1344	1/7/2009 9:16	9.22	44.92	28.85	9.34	8.02	3.5	2.504	97.8
1345	1/7/2009 9:31	9.19	44.463	28.52	9.34	7.98	4.4	2.396	97.5
1346	1/7/2009 9:46	9.21	44.214	28.35	9.32	8.02	3.8	2.294	97.3
1347	1/7/2009 10:01	9.24	44.187	28.33	9.17	7.97	2.9	2.206	95.7
1348	1/7/2009 10:16	9.25	43.811	28.06	9.01	7.96	3.1	2.086	94
1349	1/7/2009 10:31	9.25	43.332	27.73	8.94	8	2.9	1.963	93
1350	1/7/2009 10:46	9.24	43.252	27.67	8.9	7.99	2.4	1.853	92.5
1351	1/7/2009 11:01	9.25	43.027	27.51	8.9	7.99	2.6	1.742	92.4
1352	1/7/2009 11:16	9.27	42.539	27.17	8.78	7.98	2.7	1.634	91
1353	1/7/2009 11:31	9.29	42.101	26.86	8.64	7.96	2.7	1.504	89.4
1354	1/7/2009 11:46	9.32	41.732	26.6	8.52	7.92	3.1	1.354	88.1
1355	1/7/2009 12:01	9.38	41.652	26.55	8.57	7.96	3.2	1.229	88.7
1356	1/7/2009 12:16	9.43	41.501	26.45	8.6	7.95	2.9	1.107	89.1
1357	1/7/2009 12:31	9.47	41.073	26.15	8.62	7.95	2.9	0.983	89.2
1358	1/7/2009 12:46	9.5	41.093	26.16	8.66	7.94	2.8	0.82	89.7
1359	1/7/2009 13:01	9.52	40.801	25.96	8.65	7.93	3	0.673	89.5
1360	1/7/2009 13:16	9.55	40.793	25.96	8.66	7.93	3.1	0.579	89.6
1361	1/7/2009 13:31	9.54	39.88	25.32	7.97	7.83	3.6	0.46	82.1
1362	1/7/2009 13:46	9.54				7.81	6.4	0.343	75
1363	1/7/2009 14:01	9.56				7.8	5.6	0.273	74.2
1364	1/7/2009 14:16	9.58				7.74	6.6	0.223	73.4
1365	1/7/2009 14:31								
1366	1/7/2009 14:46								
1367	1/7/2009 15:01								
1368	1/7/2009 15:16	9.67				7.75	5.9	0.235	71.7
1369	1/7/2009 15:31	9.68				7.77	5.4	0.285	71.5
1370	1/7/2009 15:46	9.69				7.74	3.9	0.333	71.2
1371	1/7/2009 16:01	9.79	40.23	25.57	9.28	7.87	5.1	0.409	96.4

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1372	1/7/2009 16:16	9.8	40.396	25.69	9.9	8.02	5.1	0.474	102.9
1373	1/7/2009 16:31	9.77	40.643	25.86	9.85	8.01	4.5	0.527	102.5
1374	1/7/2009 16:46	9.74	40.885	26.03	9.87	8.01	4.2	0.612	102.7
1375	1/7/2009 17:01	9.71	40.849	26	9.85	8.01	3.8	0.659	102.4
1376	1/7/2009 17:16	9.66	41.302	26.32	9.79	8.03	4	0.734	101.8
1377	1/7/2009 17:31	9.67	41.111	26.19	9.81	8.03	4.3	0.818	102
1378	1/7/2009 17:46	9.63	41.299	26.32	9.77	8	4.2	0.905	101.6
1379	1/7/2009 18:01	9.64	41.232	26.27	9.76	8.03	5.1	0.983	101.4
1380	1/7/2009 18:16	9.63	41.49	26.45	9.73	8.03	4.5	1.083	101.2
1381	1/7/2009 18:31	9.63	41.621	26.54	9.68	8.02	4.4	1.16	100.8
1382	1/7/2009 18:46	9.65	41.129	26.2	9.71	8.02	5.2	1.249	100.9
1383	1/7/2009 19:01	9.53	42.316	27.03	9.58	7.97	4.9	1.332	99.9
1384	1/7/2009 19:16	9.46	42.792	27.36	9.52	7.93	4.5	1.406	99.2
1385	1/7/2009 19:31	9.44	42.971	27.48	9.51	8.02	4.4	1.481	99.2
1386	1/7/2009 19:46	9.44	43.273	27.7	9.47	8.02	4.5	1.554	98.9
1387	1/7/2009 20:01	9.44	42.753	27.33	9.49	7.69	4.3	1.612	98.8
1388	1/7/2009 20:16	9.43	43.528	27.88	9.44	8.02	4.3	1.67	98.7
1389	1/7/2009 20:31	9.43	43.667	27.97	9.43	8.02	4.2	1.722	98.7
1390	1/7/2009 20:46	9.44	43.521	27.87	9.43	8.02	4	1.769	98.6
1391	1/7/2009 21:01	9.44	43.649	27.96	9.45	8.02	4.1	1.817	98.8
1392	1/7/2009 21:16	9.44	43.635	27.95	9.46	8.02	3.8	1.856	98.9
1393	1/7/2009 21:31	9.45	44.091	28.28	9.41	8.01	3.7	1.882	98.7
1394	1/7/2009 21:46	9.45	43.989	28.2	9.39	8.01	3.5	1.904	98.4
1395	1/7/2009 22:01	9.45	44.127	28.3	9.31	8.01	3.7	1.933	97.7
1396	1/7/2009 22:16	9.45	44.318	28.44	9.24	7.96	3.1	1.924	97
1397	1/7/2009 22:31	9.46	43.939	28.17	9.18	8	3.1	1.93	96.2
1398	1/7/2009 22:46	9.46	43.99	28.2	9.14	7.99	2.7	1.898	95.8
1399	1/7/2009 23:01	9.47	43.755	28.04	8.95	7.98	2.5	1.848	93.7
1400	1/7/2009 23:16	9.48	43.712	28.01	8.96	7.99	2.8	1.814	93.8
1401	1/7/2009 23:31	9.49	43.632	27.95	9.03	7.99	2.9	1.762	94.5
1402	1/7/2009 23:46	9.49	41.592	26.51	9.05	8	2.9	1.697	93.9
1403	1/8/2009 0:01	9.5	41.021	26.11	9.15	7.99	3	1.66	94.8
1404	1/8/2009 0:16	9.51	39.988	25.39	9.19	7.99	3.1	1.61	94.7
1405	1/8/2009 0:31	9.52	38.39	24.28	9.23	7.95	3.1	1.58	94.4
1406	1/8/2009 0:46	9.52	38.323	24.23	9.21	7.95	3	1.53	94.3
1407	1/8/2009 1:01	9.53	38.637	24.45	9.27	7.99	3.1	1.491	95
1408	1/8/2009 1:16	9.54	38.981	24.69	9.3	7.99	3.1	1.469	95.5
1409	1/8/2009 1:31	9.54	38.999	24.7	9.28	7.95	3	1.43	95.3
1410	1/8/2009 1:46	9.54	37.684	23.79	9.38	7.95	2.9	1.421	95.7
1411	1/8/2009 2:01	9.54	39.171	24.82	9.27	7.98	2.7	1.403	95.2
1412	1/8/2009 2:16	9.54	40.199	25.54	9.19	7.98	2.4	1.417	94.9
1413	1/8/2009 2:31	9.54	40.147	25.5	9.17	7.98	2.3	1.435	94.6
1414	1/8/2009 2:46	9.54	40.093	25.47	9.19	7.98	2.6	1.45	94.9
1415	1/8/2009 3:01	9.54	40.163	25.51	9.17	7.93	2.7	1.493	94.7
1416	1/8/2009 3:16	9.52	40.715	25.9	9.24	7.94	3.2	1.539	95.6
1417	1/8/2009 3:31	9.5	40.914	26.04	9.47	7.96	4.5	1.608	98
1418	1/8/2009 3:46	9.51	40.968	26.08	9.46	7.96	4.9	1.663	97.9
1419	1/8/2009 4:01	9.52	41.163	26.21	9.5	8.01	4.3	1.715	98.5
1420	1/8/2009 4:16	9.52	41.481	26.44	9.53	8.01	5	1.803	98.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1421	1/8/2009 4:31	9.51	41.583	26.51	9.53	7.98	5.1	1.871	98.9
1422	1/8/2009 4:46	9.52	41.772	26.64	9.58	8.02	4.5	1.955	99.5
1423	1/8/2009 5:01	9.53	42.284	27	9.61	7.99	4.3	2.039	100.1
1424	1/8/2009 5:16	9.55	42.213	26.95	9.63	8.03	4.7	2.121	100.3
1425	1/8/2009 5:31	9.58	42.787	27.36	9.64	8.04	4.2	2.199	100.8
1426	1/8/2009 5:46	9.64	43.869	28.13	9.6	8.01	4.5	2.288	101
1427	1/8/2009 6:01	9.66	44.341	28.47	9.63	8.05	5.7	2.379	101.5
1428	1/8/2009 6:16	9.67	44.213	28.38	9.62	8.05	4.8	2.45	101.4
1429	1/8/2009 6:31	9.69	44.478	28.56	9.62	8.02	5.1	2.537	101.6
1430	1/8/2009 6:46	9.7	44.458	28.55	9.62	8.02	4.9	2.63	101.6
1431	1/8/2009 7:01	9.71	42.166	26.93	9.73	8.06	5	2.692	101.8
1432	1/8/2009 7:16	9.72	45.487	29.28	9.6	8.06	4.9	2.76	101.9
1433	1/8/2009 7:31	9.73	43.986	28.22	9.63	8.06	4.5	2.829	101.6
1434	1/8/2009 7:46	9.75	44.043	28.26	9.63	8.06	4	2.879	101.6
1435	1/8/2009 8:01	9.76	44.096	28.3	9.62	8.06	3.7	2.911	101.6
1436	1/8/2009 8:16	9.77	44.521	28.6	9.6	8.02	3.6	2.954	101.6
1437	1/8/2009 8:31	9.77	44.29	28.44	9.59	8.06	3.4	2.968	101.4
1438	1/8/2009 8:46	9.77	44.412	28.52	9.49	8.02	3.2	2.958	100.4
1439	1/8/2009 9:01	9.77	44.335	28.47	9.39	8.04	7.9	2.94	99.3
1440	1/8/2009 9:16	9.77	44.299	28.44	9.33	8.04	3.7	2.911	98.6
1441	1/8/2009 9:31	9.76	44.067	28.28	9.24	8.03	3.1	2.849	97.6
1442	1/8/2009 9:46	9.73	44.13	28.32	9.31	8.04	3.6	2.768	98.2
1443	1/8/2009 10:01	9.71	43.561	27.92	9.46	8.04	3.7	2.702	99.5
1444	1/8/2009 10:16	9.7	43.538	27.9	9.49	8	3.7	2.587	99.8
1445	1/8/2009 10:31	9.7	43.29	27.72	9.5	7.99	3.5	2.488	99.8
1446	1/8/2009 10:46	9.7	43.496	27.87	9.45	8.03	3.5	2.378	99.4
1447	1/8/2009 11:01	9.7	43.241	27.69	9.42	8.02	3.6	2.259	98.9
1448	1/8/2009 11:16	9.71	43.062	27.56	9.17	7.98	2.4	2.122	96.3
1449	1/8/2009 11:31	9.71	42.569	27.21	9.13	8.01	3.2	1.977	95.6
1450	1/8/2009 11:46	9.71	42.195	26.95	9.06	7.99	2.7	1.863	94.7
1451	1/8/2009 12:01	9.72	41.801	26.67	8.93	7.95	2.4	1.735	93.2
1452	1/8/2009 12:16	9.73	40.787	25.96	8.85	7.98	2.7	1.58	92
1453	1/8/2009 12:31	9.73	40.52	25.77	8.71	7.97	2.6	1.441	90.4
1454	1/8/2009 12:46	9.74	39.237	24.88	8.76	7.97	3.2	1.304	90.5
1455	1/8/2009 13:01	9.77	39.274	24.9	9.09	7.94	3.9	1.134	93.9
1456	1/8/2009 13:16	9.78	37.652	23.78	9.15	7.94	3.4	0.995	93.9
1457	1/8/2009 13:31	9.8	38.597	24.43	9.14	7.97	3.9	0.823	94.2
1458	1/8/2009 13:46	9.82	37.361	23.58	9.1	7.92	3	0.667	93.4
1459	1/8/2009 14:01	9.85			8.92	7.93	3.7	0.523	91.6
1460	1/8/2009 14:16	9.88			8.07	7.84	6.4	0.37	82.3
1461	1/8/2009 14:31	9.89				7.81	5.2	0.209	79.7
1462	1/8/2009 14:46								
1463	1/8/2009 15:01								
1464	1/8/2009 15:16								
1465	1/8/2009 15:31								
1466	1/8/2009 15:46								
1467	1/8/2009 16:01								
1468	1/8/2009 16:16								
1469	1/8/2009 16:31								

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1470	1/8/2009 16:46	10.17			8	7.81	4.6	0.204	81
1471	1/8/2009 17:01	10.16			8.06	7.84	4.5	0.251	81.9
1472	1/8/2009 17:16	10.14			8.25	7.86	5.5	0.302	83.8
1473	1/8/2009 17:31	10.1	35.174	22.08	9.33	7.97	6.5	0.385	95.4
1474	1/8/2009 17:46	10.09	36.883	23.26	9.73	8.01	6.3	0.456	100.2
1475	1/8/2009 18:01	10.08	37.127	23.43	9.76	8.02	6.4	0.515	100.6
1476	1/8/2009 18:16	10.06	38.846	24.62	9.72	8.02	6.8	0.592	100.9
1477	1/8/2009 18:31	10.06	38.815	24.6	9.66	8.02	6.2	0.686	100.3
1478	1/8/2009 18:46	10.04	38.659	24.49	9.69	8.02	6.5	0.785	100.5
1479	1/8/2009 19:01	10	38.867	24.63	9.66	8.01	6.7	0.889	100.2
1480	1/8/2009 19:16	9.95	39.349	24.97	9.64	8.02	7.3	0.984	100.1
1481	1/8/2009 19:31	9.94	39.572	25.12	9.64	7.9	8.1	1.095	100.1
1482	1/8/2009 19:46	9.91	39.38	24.99	9.64	8.02	7.1	1.204	100
1483	1/8/2009 20:01	9.86	38.962	24.69	9.71	8.03	7.1	1.307	100.4
1484	1/8/2009 20:16	9.84	38.61	24.44	9.72	7.91	5.9	1.398	100.3
1485	1/8/2009 20:31	9.8	39.11	24.79	9.72	8.03	6.2	1.492	100.5
1486	1/8/2009 20:46	9.78	38.465	24.34	9.76	8.03	6	1.578	100.5
1487	1/8/2009 21:01	9.76	38.52	24.38	9.75	8.03	5.9	1.648	100.4
1488	1/8/2009 21:16	9.78	38.964	24.69	9.64	7.91	5.6	1.724	99.5
1489	1/8/2009 21:31	9.78	41.212	26.26	9.55	8.04	5.2	1.783	99.6
1490	1/8/2009 21:46	9.78	40.718	25.92	9.6	8.04	4.7	1.838	99.8
1491	1/8/2009 22:01	9.78	40.735	25.93	9.63	8.04	4.5	1.882	100.2
1492	1/8/2009 22:16	9.78	40.739	25.93	9.61	7.91	4.3	1.931	99.9
1493	1/8/2009 22:31	9.79	41.606	26.54	9.64	7.92	4.4	1.975	100.7
1494	1/8/2009 22:46	9.79	40.968	26.09	9.61	8.04	3.8	1.978	100.2
1495	1/8/2009 23:01	9.8	41.308	26.33	9.6	8.04	3.7	2.006	100.2
1496	1/8/2009 23:16	9.8	41.768	26.65	9.53	8.03	3.1	2.026	99.7
1497	1/8/2009 23:31	9.8	40.589	25.83	9.48	8.03	3.1	1.988	98.6
1498	1/8/2009 23:46	9.78	42.453	27.14	9.2	8	3.1	1.959	96.4
1499	1/9/2009 0:01	9.71	42.818	27.39	9.34	8.02	4	1.943	98
1500	1/9/2009 0:16	9.7	43.93	28.18	8.91	7.88	3.5	1.889	93.8
1501	1/9/2009 0:31	9.67	43.317	27.74	8.89	8	2.8	1.825	93.3
1502	1/9/2009 0:46	9.64	43.16	27.63	8.9	7.89	3.2	1.754	93.4
1503	1/9/2009 1:01	9.63	42.401	27.09	8.98	7.89	3.8	1.692	93.8
1504	1/9/2009 1:16	9.63	42.006	26.81	8.98	8	3.1	1.631	93.7
1505	1/9/2009 1:31	9.63	41.842	26.7	9	8	3.3	1.578	93.8
1506	1/9/2009 1:46	9.62	41.668	26.57	9	8	3.5	1.518	93.7
1507	1/9/2009 2:01	9.61	41.947	26.77	8.96	8	3.3	1.471	93.4
1508	1/9/2009 2:16	9.6	41.247	26.28	8.98	8	3.5	1.44	93.3
1509	1/9/2009 2:31	9.59	41.112	26.18	8.96	8	3.5	1.402	93
1510	1/9/2009 2:46	9.58	41.231	26.27	8.93	7.89	3.5	1.369	92.7
1511	1/9/2009 3:01	9.57	41.022	26.12	8.79	7.98	5.4	1.347	91.1
1512	1/9/2009 3:16	9.57	41.154	26.21	8.75	7.98	4.2	1.366	90.8
1513	1/9/2009 3:31	9.57	41.01	26.11	8.72	7.86	3.8	1.367	90.4
1514	1/9/2009 3:46	9.56	41.053	26.14	8.58	7.85	3.4	1.4	89
1515	1/9/2009 4:01	9.5	40.933	26.05	8.53	7.94	3.8	1.429	88.3
1516	1/9/2009 4:16	9.45	41.21	26.24	9.26	7.87	6.7	1.475	95.8
1517	1/9/2009 4:31	9.48	41.433	26.4	9.41	7.89	7	1.536	97.6
1518	1/9/2009 4:46	9.45	41.674	26.57	9.48	7.9	7.4	1.582	98.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1519	1/9/2009 5:01	9.51	40.88	26.02	9.53	8.02	7.9	1.664	98.6
1520	1/9/2009 5:16	9.58	40.746	25.93	9.57	7.92	6.4	1.736	99.1
1521	1/9/2009 5:31	9.5	40.924	26.05	9.63	7.92	7.6	1.828	99.6
1522	1/9/2009 5:46	9.47	41.644	26.55	9.63	7.92	7.1	1.915	99.9
1523	1/9/2009 6:01	9.48	41.935	26.76	9.66	8.05	7	1.973	100.3
1524	1/9/2009 6:16	9.61	42.724	27.32	9.7	8.06	5.8	2.086	101.5
1525	1/9/2009 6:31	9.7	43.128	27.61	9.68	8.07	6.7	2.164	101.7
1526	1/9/2009 6:46	9.72	44.153	28.34	9.68	8.07	7.8	2.257	102.1
1527	1/9/2009 7:01	9.7	41.575	26.51	9.78	8.07	7.4	2.348	102
1528	1/9/2009 7:16	9.67	41.824	26.69	9.79	8.07	8	2.438	102.2
1529	1/9/2009 7:31	9.64	41.745	26.63	9.82	8.08	7.9	2.526	102.3
1530	1/9/2009 7:46	9.58	45.44	29.24	9.68	8.08	8.1	2.609	102.4
1531	1/9/2009 8:01	9.58	43.957	28.19	9.76	7.97	6.8	2.696	102.6
1532	1/9/2009 8:16	9.58	44.179	28.35	9.77	7.98	6.3	2.766	102.7
1533	1/9/2009 8:31	9.58	41.3	26.31	9.89	8.09	5	2.849	102.7
1534	1/9/2009 8:46	9.58	41.725	26.61	9.9	8.09	4.6	2.917	103
1535	1/9/2009 9:01	9.58	41.667	26.57	9.91	8.09	4.2	2.969	103.1
	Mean	9.02	43.50	27.84	9.14	7.94	4.42	1.61	94.56
	Minimum	7.40	35.17	22.08	6.59	7.30	1.00	0.20	68.00
	Maximum	10.17	49.18	31.88	10.24	8.20	22.00	2.97	104.50
	Standard Dev.	0.64	2.35	1.65	0.51	0.08	2.06	0.63	5.77

Selected sections of data removed due to low water levels from extremely low tides

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