

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	12/22/2006 12:46	10.95	48.476	31.5	9.45	8.11		2.92
1	12/22/2006 13:01	11.17	47.962	31.14	9.31	8.11		2.86
2	12/22/2006 13:16	11.09	47.779	31	9.27	8.11	16.5	2.82
3	12/22/2006 13:31	11.07	47.121	30.53	9.05	8.08	17.3	2.71
4	12/22/2006 13:46	10.99	46.899	30.36	8.91	8.06	15.9	2.60
5	12/22/2006 14:01	10.86	46.668	30.19	8.87	8.06	15.6	2.51
6	12/22/2006 14:16	10.79	46.29	29.92	8.81	8.06	14.1	2.40
7	12/22/2006 14:31	10.69	45.849	29.6	8.73	8.06	13.5	2.28
8	12/22/2006 14:46	10.54	45.529	29.36	8.8	8.06	11.8	2.14
9	12/22/2006 15:01	10.44	45.414	29.27	8.9	8.08	10.2	2.01
10	12/22/2006 15:16	10.44	44.828	28.86	8.87	8.07	11.0	1.88
11	12/22/2006 15:31	10.4	44.396	28.55	8.68	8.06	11.3	1.75
12	12/22/2006 15:46	10.32	44.124	28.35	8.69	8.06	10.5	1.62
13	12/22/2006 16:01	10.27	43.834	28.14	8.63	8.05	10.2	1.50
14	12/22/2006 16:16	10.17	43.605	27.97	8.73	8.05	8.7	1.36
15	12/22/2006 16:31	10.17	43.156	27.65	8.63	8.04	11.9	1.21
16	12/22/2006 16:46	10.1	42.885	27.46	8.65	8.03	13.7	1.04
17	12/22/2006 17:01	10.02	42.731	27.34	8.66	8.03	14.1	0.89
18	12/22/2006 17:16	9.92	42.619	27.26	8.67	8.02	15.9	0.76
19	12/22/2006 17:31	9.84	42.518	27.19	8.72	8.02	14.3	0.59
20	12/22/2006 17:46	9.76	42.511	27.18	8.74	8.02	15.7	0.47
21	12/22/2006 18:01	9.71	42.507	27.17	8.75	8.02	16.1	0.30
22	12/22/2006 18:16	9.65	42.513	27.17	8.74	8.01	15.4	0.19
23	12/22/2006 18:31	9.59	42.509	27.17	8.73	8.01	15.9	0.10
24	12/22/2006 18:46	9.49	42.582	27.21	8.71	8.01	15.4	0.09
25	12/22/2006 19:01	9.46	42.562	27.2	8.68	8.01	14.1	0.09
26	12/22/2006 19:16	9.43	42.568	27.2	8.67	8.01	13.4	0.09
27	12/22/2006 19:31	9.4	42.58	27.2	8.65	8.01	13.6	0.10
28	12/22/2006 19:46	9.37	42.646	27.25	8.6	8	11.8	0.15
29	12/22/2006 20:01	9.35	42.719	27.3	8.48	8	11.6	0.22
30	12/22/2006 20:16	9.23	41.937	26.74	9.1	8.05	9.0	0.29
31	12/22/2006 20:31	9.2	41.562	26.48	9.2	8.05	8.8	0.36
32	12/22/2006 20:46	9.17	41.296	26.29	9.21	8.05	10.1	0.44
33	12/22/2006 21:01	9.21	41.419	26.38	9.16	8.04	9.6	0.53
34	12/22/2006 21:16	9.32	42.662	27.26	9.16	8.06	6.8	0.58
35	12/22/2006 21:31	9.36	42.867	27.4	9.2	8.07	7.5	0.70
36	12/22/2006 21:46	9.36	42.725	27.3	9.21	8.07	7.5	0.74
37	12/22/2006 22:01	9.36	42.656	27.26	9.22	8.07	7.1	0.87
38	12/22/2006 22:16	9.46	43.025	27.52	9.24	8.08	7.9	0.96
39	12/22/2006 22:31	9.5	42.85	27.4	9.23	8.07	7.6	1.07
40	12/22/2006 22:46	9.58	42.915	27.45	9.23	8.08	8.3	1.20
41	12/22/2006 23:01	9.68	43.591	27.93	9.19	8.08	8.1	1.30
42	12/22/2006 23:16	9.77	44.729	28.75	9.18	8.09	8.5	1.43
43	12/22/2006 23:31	9.76	44.48	28.57	9.19	8.09	7.7	1.51
44	12/22/2006 23:46	9.85	44.908	28.88	9.19	8.1	10.5	1.60
45	12/23/2006 00:01	9.87	45.086	29.01	9.2	8.1	8.5	1.70
46	12/23/2006 00:16	9.92	45.213	29.1	9.2	8.1	9.3	1.78
47	12/23/2006 00:31	10.05	45.639	29.41	9.21	8.11	9.1	1.85

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	12/23/2006 00:46	10.14	46.17	29.8	9.28	8.12	10.6	1.94
49	12/23/2006 01:01	10.3	46.924	30.34	9.34	8.13	11.8	2.02
50	12/23/2006 01:16	10.38	47.309	30.63	9.35	8.13	9.5	2.07
51	12/23/2006 01:31	10.45	47.601	30.84	9.36	8.14	8.0	2.16
52	12/23/2006 01:46	10.52	47.903	31.06	9.36	8.14	9.4	2.23
53	12/23/2006 02:01	10.52	47.981	31.12	9.36	8.14	6.9	2.28
54	12/23/2006 02:16	10.55	48.028	31.15	9.32	8.14	6.6	2.32
55	12/23/2006 02:31	10.6	48.168	31.26	9.31	8.14	5.8	2.36
56	12/23/2006 02:46	10.59	48.145	31.24	9.29	8.14	6.1	2.35
57	12/23/2006 03:01	10.58	48.091	31.2	9.29	8.14	5.1	2.32
58	12/23/2006 03:16	10.57	48.01	31.14	9.27	8.14	4.5	2.28
59	12/23/2006 03:31	10.56	47.99	31.13	9.24	8.13	5.5	2.25
60	12/23/2006 03:46	10.43	47.71	30.92	9.22	8.13	7.4	2.19
61	12/23/2006 04:01	10.22	47.057	30.44	9.2	8.12	7.9	2.11
62	12/23/2006 04:16	10.19	46.721	30.19	9.22	8.12	7.5	2.04
63	12/23/2006 04:31	10.16	46.373	29.94	9.1	8.1	6.0	1.97
64	12/23/2006 04:46	10.09	45.78	29.51	9	8.09	5.8	1.89
65	12/23/2006 05:01	10.08	45.429	29.26	8.9	8.08	5.3	1.83
66	12/23/2006 05:16	10.06	45.306	29.18	8.89	8.08	5.1	1.76
67	12/23/2006 05:31	10.02	45.102	29.03	8.87	8.07	5.4	1.70
68	12/23/2006 05:46	9.97	45.067	29	8.85	8.07	5.4	1.67
69	12/23/2006 06:01	9.83	45.093	29.01	8.92	8.07	5.0	1.64
70	12/23/2006 06:16	9.75	44.895	28.86	8.94	8.07	5.2	1.58
71	12/23/2006 06:31	9.77	44.737	28.75	8.92	8.07	5.1	1.55
72	12/23/2006 06:46	9.71	44.714	28.73	8.91	8.07	6.0	1.58
73	12/23/2006 07:01	9.7	44.697	28.72	8.92	8.07	5.3	1.55
74	12/23/2006 07:16	9.66	44.586	28.64	8.95	8.07	5.0	1.55
75	12/23/2006 07:31	9.65	44.553	28.62	8.96	8.07	4.9	1.57
76	12/23/2006 07:46	9.65	44.556	28.62	8.96	8.07	4.7	1.61
77	12/23/2006 08:01	9.68	44.58	28.64	8.93	8.07	5.7	1.65
78	12/23/2006 08:16	9.8	44.91	28.88	8.97	8.08	5.4	1.68
79	12/23/2006 08:31	9.83	45.273	29.14	9.04	8.09	6.0	1.73
80	12/23/2006 08:46	9.96	45.762	29.49	9.08	8.1	6.1	1.80
81	12/23/2006 09:01	10.05	46.118	29.75	9.1	8.1	6.0	1.86
82	12/23/2006 09:16	10.02	46.082	29.73	9.12	8.11	6.5	1.93
83	12/23/2006 09:31	10.2	46.746	30.21	9.15	8.12	6.3	2.00
84	12/23/2006 09:46	10.27	47.067	30.45	9.17	8.12	6.6	2.07
85	12/23/2006 10:01	10.32	47.239	30.57	9.2	8.13	6.3	2.14
86	12/23/2006 10:16	10.4	47.552	30.8	9.21	8.13	6.2	2.22
87	12/23/2006 10:31	10.49	47.849	31.02	9.21	8.14	6.4	2.32
88	12/23/2006 10:46	10.61	48.397	31.42	9.2	8.14	7.9	2.39
89	12/23/2006 11:01	10.59	48.303	31.35	9.22	8.14	6.9	2.48
90	12/23/2006 11:16	10.64	48.524	31.52	9.2	8.15	9.6	2.55
91	12/23/2006 11:31	10.7	48.702	31.65	9.2	8.15	8.7	2.63
92	12/23/2006 11:46	10.79	48.978	31.85	9.16	8.15	9.9	2.73
93	12/23/2006 12:01	10.84	49.195	32.01	9.14	8.15	7.6	2.77
94	12/23/2006 12:16	10.84	49.167	31.99	9.13	8.15	6.0	2.80
95	12/23/2006 12:31	10.86	49.205	32.02	9.1	8.15	7.5	2.86

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	12/23/2006 12:46	10.87	49.234	32.04	9.09	8.15	5.3	2.90
97	12/23/2006 13:01	10.87	49.217	32.03	9.08	8.15	5.6	2.89
98	12/23/2006 13:16	10.85	49.147	31.98	9.06	8.15	5.9	2.92
99	12/23/2006 13:31	10.85	49.142	31.97	9.05	8.15	4.7	2.89
100	12/23/2006 13:46	10.85	49.125	31.96	9.05	8.15	5.6	2.83
101	12/23/2006 14:01	10.73	48.067	31.19	9.18	8.14	6.3	2.76
102	12/23/2006 14:16	10.72	48.151	31.25	9.16	8.14	6.6	2.69
103	12/23/2006 14:31	10.71	48.235	31.31	9.11	8.14	6.0	2.59
104	12/23/2006 14:46	10.67	48.013	31.15	9.16	8.14	6.4	2.47
105	12/23/2006 15:01	10.65	47.855	31.03	9.15	8.14	5.4	2.36
106	12/23/2006 15:16	10.56	47.409	30.71	9.19	8.13	6.1	2.24
107	12/23/2006 15:31	10.53	47.184	30.54	9.16	8.13	5.5	2.12
108	12/23/2006 15:46	10.47	46.692	30.19	9.15	8.12	5.8	2.01
109	12/23/2006 16:01	10.47	46.118	29.78	8.97	8.1	6.6	1.89
110	12/23/2006 16:16	10.43	45.391	29.26	8.8	8.08	5.4	1.75
111	12/23/2006 16:31	10.35	45.384	29.25	9	8.1	5.3	1.61
112	12/23/2006 16:46	10.33	44.426	28.56	8.65	8.05	7.9	1.48
113	12/23/2006 17:01	10.35	43.832	28.14	8.61	8.04	5.2	1.35
114	12/23/2006 17:16	10.33	42.945	27.51	8.72	8.04	5.6	1.20
115	12/23/2006 17:31	10.27	42.774	27.39	8.78	8.04	5.3	1.08
116	12/23/2006 17:46	10.22	42.659	27.3	8.81	8.04	5.5	0.91
117	12/23/2006 18:01	10.17	42.541	27.22	8.83	8.03	5.1	0.75
118	12/23/2006 18:16	10.12	42.193	26.97	8.83	8.03	5.5	0.61
119	12/23/2006 18:31	10.07	41.605	26.55	8.9	8.03	6.5	0.46
120	12/23/2006 18:46	10.02	41.503	26.48	8.95	8.03	6.6	0.34
121	12/23/2006 19:01	9.98	41.468	26.45	8.96	8.03	7.3	0.25
122	12/23/2006 19:16	9.94	41.439	26.43	8.96	8.03	6.8	0.16
123	12/23/2006 19:31	9.9	41.43	26.42	8.96	8.03	7.0	0.11
124	12/23/2006 19:46	9.87	41.422	26.41	8.94	8.03	7.9	0.09
125	12/23/2006 20:01	9.84	41.43	26.42	8.93	8.03	7.8	0.13
126	12/23/2006 20:16	9.82	41.445	26.43	8.89	8.03	7.1	0.20
127	12/23/2006 20:31	9.79	41.463	26.44	8.81	8.02	7.1	0.24
128	12/23/2006 20:46	9.77	41.478	26.45	8.77	8.02	7.0	0.32
129	12/23/2006 21:01	9.71	41.714	26.61	8.92	8.02	6.4	0.40
130	12/23/2006 21:16	9.72	42.437	27.12	9.02	8.04	5.8	0.46
131	12/23/2006 21:31	9.74	42.923	27.47	9.05	8.05	5.8	0.52
132	12/23/2006 21:46	9.75	42.997	27.52	9.05	8.05	5.6	0.61
133	12/23/2006 22:01	9.77	43.175	27.65	9.05	8.05	6.6	0.69
134	12/23/2006 22:16	9.78	43.005	27.53	9.07	8.06	5.8	0.77
135	12/23/2006 22:31	9.79	42.922	27.47	9.05	8.05	5.8	0.87
136	12/23/2006 22:46	9.85	43.389	27.8	9.07	8.07	6.4	0.97
137	12/23/2006 23:01	9.87	43.234	27.69	9.09	8.07	6.3	1.07
138	12/23/2006 23:16	9.93	43.552	27.92	9.08	8.08	6.5	1.18
139	12/23/2006 23:31	9.95	43.591	27.95	9.08	8.08	6.7	1.29
140	12/23/2006 23:46	10.01	44.61	28.68	9.06	8.08	7.4	1.40
141	12/24/2006 00:01	10.02	44.888	28.87	9.05	8.09	7.4	1.49
142	12/24/2006 00:16	10.07	45.173	29.08	9.05	8.09	7.9	1.60
143	12/24/2006 00:31	10.11	45.38	29.23	9.06	8.1	8.3	1.69

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	12/24/2006 00:46	10.19	45.649	29.43	9.06	8.1	9.9	1.77
145	12/24/2006 01:01	10.24	45.965	29.66	9.08	8.11	9.5	1.86
146	12/24/2006 01:16	10.29	46.206	29.83	9.08	8.11	9.4	1.94
147	12/24/2006 01:31	10.38	46.675	30.17	9.09	8.12	9.2	2.02
148	12/24/2006 01:46	10.48	47.233	30.58	9.11	8.13	8.8	2.09
149	12/24/2006 02:01	10.53	47.578	30.83	9.12	8.13	10.8	2.18
150	12/24/2006 02:16	10.57	47.815	31	9.11	8.14	10.3	2.24
151	12/24/2006 02:31	10.61	47.972	31.12	9.09	8.14	7.2	2.30
152	12/24/2006 02:46	10.63	48.052	31.17	9.04	8.14	6.3	2.35
153	12/24/2006 03:01	10.65	48.133	31.23	9.01	8.14	5.8	2.39
154	12/24/2006 03:16	10.65	48.167	31.26	9.01	8.14	6.4	2.40
155	12/24/2006 03:31	10.63	48.074	31.19	9.01	8.13	5.6	2.42
156	12/24/2006 03:46	10.64	48.072	31.19	8.99	8.13	5.2	2.39
157	12/24/2006 04:01	10.55	47.673	30.9	8.92	8.12	6.2	2.35
158	12/24/2006 04:16	10.43	47.224	30.57	8.9	8.11	6.5	2.29
159	12/24/2006 04:31	10.42	47.141	30.51	8.94	8.11	6.9	2.22
160	12/24/2006 04:46	10.37	46.93	30.35	8.92	8.11	5.8	2.15
161	12/24/2006 05:01	10.37	46.811	30.27	8.94	8.11	7.0	2.08
162	12/24/2006 05:16	10.36	46.507	30.05	8.86	8.1	5.8	2.00
163	12/24/2006 05:31	10.28	46.127	29.77	8.82	8.09	6.0	1.93
164	12/24/2006 05:46	10.26	46.088	29.74	8.83	8.09	4.6	1.86
165	12/24/2006 06:01	10.21	45.908	29.61	8.78	8.08	5.4	1.80
166	12/24/2006 06:16	10.16	45.764	29.51	8.81	8.08	5.1	1.75
167	12/24/2006 06:31	10.15	45.577	29.37	8.76	8.08	5.0	1.69
168	12/24/2006 06:46	10.15	45.341	29.21	8.75	8.07	4.8	1.64
169	12/24/2006 07:01	10.11	45.2	29.1	8.76	8.07	5.0	1.60
170	12/24/2006 07:16	10.08	45.145	29.06	8.75	8.07	5.0	1.57
171	12/24/2006 07:31	10.08	45.057	29	8.76	8.07	4.8	1.53
172	12/24/2006 07:46	10.08	44.906	28.89	8.73	8.06	4.6	1.51
173	12/24/2006 08:01	10.05	44.729	28.76	8.74	8.06	5.5	1.51
174	12/24/2006 08:16	10	44.495	28.59	8.75	8.06	4.7	1.52
175	12/24/2006 08:31	9.99	44.348	28.49	8.78	8.05	4.6	1.53
176	12/24/2006 08:46	10	44.366	28.5	8.72	8.05	4.3	1.55
177	12/24/2006 09:01	10.07	44.57	28.65	8.78	8.06	4.7	1.60
178	12/24/2006 09:16	10.11	44.94	28.92	8.86	8.07	6.1	1.66
179	12/24/2006 09:31	10.14	45.093	29.03	8.86	8.07	5.8	1.71
180	12/24/2006 09:46	10.2	45.441	29.28	8.87	8.08	5.5	1.76
181	12/24/2006 10:01	10.28	45.905	29.61	8.9	8.09	6.2	1.84
182	12/24/2006 10:16	10.32	46.053	29.72	8.9	8.1	5.8	1.89
183	12/24/2006 10:31	10.41	46.629	30.14	8.92	8.1	6.4	1.96
184	12/24/2006 10:46	10.47	46.921	30.35	8.94	8.11	6.6	2.04
185	12/24/2006 11:01	10.51	47.219	30.57	8.96	8.12	6.0	2.11
186	12/24/2006 11:16	10.59	47.636	30.87	8.96	8.12	6.0	2.20
187	12/24/2006 11:31	10.65	47.984	31.13	8.96	8.13	7.0	2.26
188	12/24/2006 11:46	10.68	48.161	31.26	8.96	8.13	6.2	2.35
189	12/24/2006 12:01	10.72	48.214	31.3	8.95	8.13	6.9	2.43
190	12/24/2006 12:16	10.75	48.314	31.37	8.95	8.14	6.2	2.49
191	12/24/2006 12:31	10.77	48.409	31.44	8.94	8.14	5.3	2.54

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192	12/24/2006 12:46	10.83	48.57	31.56	8.92	8.14	5.3	2.61
193	12/24/2006 13:01	10.89	48.805	31.73	8.89	8.14	5.4	2.67
194	12/24/2006 13:16	10.92	48.903	31.8	8.87	8.14	5.0	2.70
195	12/24/2006 13:31	10.94	49.012	31.89	8.79	8.14	4.9	2.73
196	12/24/2006 13:46	10.96	49.064	31.92	8.75	8.14	5.0	2.75
197	12/24/2006 14:01	10.96	49.078	31.93	8.76	8.14	4.9	2.76
198	12/24/2006 14:16	10.96	49.037	31.9	8.77	8.14	4.0	2.72
199	12/24/2006 14:31	10.95	48.898	31.8	8.7	8.13	3.6	2.67
200	12/24/2006 14:46	10.9	48.286	31.36	8.82	8.13	4.9	2.64
201	12/24/2006 15:01	10.86	47.933	31.1	8.91	8.13	6.0	2.55
202	12/24/2006 15:16	10.85	47.817	31.02	8.94	8.13	5.5	2.45
203	12/24/2006 15:31	10.85	47.79	31	8.94	8.13	5.4	2.37
204	12/24/2006 15:46	10.84	47.714	30.94	8.95	8.13	5.5	2.26
205	12/24/2006 16:01	10.82	47.538	30.81	8.87	8.11	5.5	2.16
206	12/24/2006 16:16	10.76	47.136	30.52	8.88	8.11	5.5	2.05
207	12/24/2006 16:31	10.74	46.603	30.14	8.75	8.09	5.6	1.94
208	12/24/2006 16:46	10.71	46.062	29.75	8.75	8.08	5.3	1.83
209	12/24/2006 17:01	10.66	45.648	29.45	8.83	8.08	5.7	1.73
210	12/24/2006 17:16	10.65	44.971	28.97	8.76	8.07	6.2	1.60
211	12/24/2006 17:31	10.61	44.751	28.81	8.79	8.06	6.5	1.49
212	12/24/2006 17:46	10.58	44.473	28.61	8.81	8.06	6.6	1.36
213	12/24/2006 18:01	10.6	43.863	28.18	8.64	8.05	6.0	1.20
214	12/24/2006 18:16	10.56	43.871	28.18	8.67	8.05	7.1	1.11
215	12/24/2006 18:31	10.55	43.702	28.06	8.82	8.05	7.2	0.96
216	12/24/2006 18:46	10.51	44.347	28.52	8.91	8.05	9.1	0.79
217	12/24/2006 19:01	10.5	44.063	28.31	8.9	8.05	9.2	0.68
218	12/24/2006 19:16	10.49	43.793	28.12	8.88	8.04	9.4	0.55
219	12/24/2006 19:31	10.52	42.715	27.36	8.67	8.03	7.9	0.44
220	12/24/2006 19:46	10.52	42.382	27.12	8.66	8.02	8.4	0.36
221	12/24/2006 20:01	10.49	42.646	27.31	8.76	8.03	11.2	0.29
222	12/24/2006 20:16	10.47	43.279	27.76	8.9	8.04	11.0	0.26
223	12/24/2006 20:31	10.48	43.528	27.93	8.9	8.04	10.1	0.24
224	12/24/2006 20:46	10.48	43.825	28.14	8.89	8.04	8.2	0.26
225	12/24/2006 21:01	10.48	43.977	28.25	8.87	8.04	7.6	0.30
226	12/24/2006 21:16	10.49	44.043	28.3	8.85	8.04	7.8	0.36
227	12/24/2006 21:31	10.53	43.441	27.87	8.9	8.04	12.7	0.42
228	12/24/2006 21:46	10.55	41.613	26.58	8.96	8.02	9.2	0.51
229	12/24/2006 22:01	10.53	42.042	26.88	8.88	8.02	7.6	0.57
230	12/24/2006 22:16	10.51	42.419	27.15	8.92	8.03	6.9	0.64
231	12/24/2006 22:31	10.5	42.875	27.47	8.93	8.03	7.2	0.73
232	12/24/2006 22:46	10.52	42.267	27.04	8.95	8.03	8.7	0.79
233	12/24/2006 23:01	10.53	42.166	26.97	8.93	8.03	8.7	0.89
234	12/24/2006 23:16	10.56	41.74	26.67	8.99	8.03	8.6	0.98
235	12/24/2006 23:31	10.59	41.961	26.83	8.98	8.03	8.3	1.07
236	12/24/2006 23:46	10.57	43.842	28.16	8.93	8.05	7.9	1.18
237	12/25/2006 00:01	10.58	44.662	28.74	8.94	8.06	9.9	1.28
238	12/25/2006 00:16	10.57	45.145	29.09	8.92	8.07	9.4	1.40
239	12/25/2006 00:31	10.58	45.404	29.27	8.9	8.07	9.9	1.49

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
240	12/25/2006 00:46	10.58	45.667	29.46	8.89	8.07	9.5	1.60
241	12/25/2006 01:01	10.59	45.734	29.51	8.9	8.08	9.2	1.68
242	12/25/2006 01:16	10.6	45.897	29.63	8.9	8.08	11.6	1.77
243	12/25/2006 01:31	10.66	46.22	29.86	8.91	8.09	11.9	1.86
244	12/25/2006 01:46	10.71	46.507	30.07	8.93	8.1	9.7	1.94
245	12/25/2006 02:01	10.76	46.753	30.25	8.92	8.1	9.3	2.04
246	12/25/2006 02:16	10.86	47.349	30.68	8.92	8.11	9.4	2.12
247	12/25/2006 02:31	10.94	47.822	31.03	8.91	8.12	10.4	2.20
248	12/25/2006 02:46	10.99	48.079	31.21	8.9	8.13	10.5	2.28
249	12/25/2006 03:01	11.02	48.22	31.32	8.89	8.13	9.1	2.34
250	12/25/2006 03:16	11.04	48.307	31.38	8.88	8.13	7.8	2.40
251	12/25/2006 03:31	11.06	48.361	31.42	8.89	8.13	7.3	2.45
252	12/25/2006 03:46	11.06	48.332	31.4	8.87	8.13	6.0	2.47
253	12/25/2006 04:01	11.07	48.32	31.39	8.88	8.13	6.4	2.49
254	12/25/2006 04:16	11.05	48.276	31.36	8.83	8.13	5.4	2.48
255	12/25/2006 04:31	11.01	47.972	31.14	8.78	8.12	5.8	2.45
256	12/25/2006 04:46	11	47.872	31.07	8.71	8.11	5.4	2.40
257	12/25/2006 05:01	10.95	47.363	30.7	8.77	8.1	6.8	2.34
258	12/25/2006 05:16	10.92	47.088	30.5	8.8	8.1	6.8	2.27
259	12/25/2006 05:31	10.93	47.104	30.51	8.79	8.1	6.8	2.18
260	12/25/2006 05:46	10.92	47.084	30.49	8.76	8.1	7.3	2.10
261	12/25/2006 06:01	10.92	46.927	30.38	8.56	8.09	4.6	2.03
262	12/25/2006 06:16	10.89	46.761	30.26	8.55	8.08	5.0	1.96
263	12/25/2006 06:31	10.87	46.54	30.1	8.5	8.07	5.8	1.88
264	12/25/2006 06:46	10.84	46.245	29.89	8.54	8.07	5.4	1.82
265	12/25/2006 07:01	10.84	46.121	29.8	8.41	8.06	5.0	1.75
266	12/25/2006 07:16	10.8	45.889	29.63	8.53	8.05	5.7	1.70
267	12/25/2006 07:31	10.77	45.778	29.55	8.56	8.05	5.6	1.64
268	12/25/2006 07:46	10.74	45.655	29.46	8.65	8.06	5.7	1.60
269	12/25/2006 08:01	10.73	45.464	29.32	8.64	8.05	5.2	1.54
270	12/25/2006 08:16	10.75	45.295	29.2	8.61	8.05	5.5	1.50
271	12/25/2006 08:31	10.74	45.235	29.16	8.62	8.04	5.3	1.46
272	12/25/2006 08:46	10.74	45.166	29.11	8.61	8.04	5.6	1.45
273	12/25/2006 09:01	10.74	45.1	29.06	8.57	8.04	6.2	1.42
274	12/25/2006 09:16	10.73	44.962	28.97	8.62	8.04	5.3	1.43
275	12/25/2006 09:31	10.73	44.745	28.81	8.67	8.04	5.4	1.44
276	12/25/2006 09:46	10.74	44.708	28.78	8.69	8.04	4.7	1.46
277	12/25/2006 10:01	10.74	44.774	28.83	8.6	8.04	5.0	1.51
278	12/25/2006 10:16	10.76	45.162	29.11	8.71	8.04	6.1	1.54
279	12/25/2006 10:31	10.78	45.293	29.2	8.73	8.05	5.6	1.59
280	12/25/2006 10:46	10.8	45.496	29.35	8.75	8.06	6.3	1.65
281	12/25/2006 11:01	10.81	45.788	29.56	8.75	8.07	5.7	1.72
282	12/25/2006 11:16	10.84	45.87	29.62	8.76	8.07	5.3	1.77
283	12/25/2006 11:31	10.87	46.39	29.99	8.74	8.08	6.0	1.84
284	12/25/2006 11:46	10.89	46.637	30.17	8.77	8.09	6.3	1.91
285	12/25/2006 12:01	10.89	46.706	30.22	8.81	8.09	5.5	2.00
286	12/25/2006 12:16	10.88	46.78	30.27	8.82	8.09	5.7	2.05
287	12/25/2006 12:31	10.91	46.945	30.39	8.82	8.1	6.2	2.13

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	
288	12/25/2006 12:46	10.94	47.173	30.56	8.83	8.1	6.3	2.16	
289	12/25/2006 13:01	10.97	47.336	30.68	8.84	8.11	6.8	2.29	
290	12/25/2006 13:16	11.01	47.493	30.79	8.85	8.11	6.9	2.35	
291	12/25/2006 13:31	11.04	47.623	30.89	8.85	8.12	6.9	2.38	
292	12/25/2006 13:46	11.07	47.762	30.99	8.87	8.13	6.5	2.44	
293	12/25/2006 14:01	11.1	47.779	31	8.85	8.12	6.6	2.49	
294	12/25/2006 14:16	11.1	47.884	31.08	8.87	8.13	5.8	2.50	
295	12/25/2006 14:31	11.11	47.908	31.1	8.86	8.13	6.4	2.57	
296	12/25/2006 14:46	11.1	47.892	31.09	8.78	8.12	4.5	2.53	
297	12/25/2006 15:01	11.11	47.885	31.08	8.78	8.13	5.2	2.56	
298	12/25/2006 15:16	11.11	47.866	31.07	8.69	8.12	4.6	2.52	
299	12/25/2006 15:31	11.13	47.881	31.08	8.68	8.12	5.8	2.57	
300	12/25/2006 15:46	11.09	47.651	30.91	8.71	8.11	5.4	2.49	
301	12/25/2006 16:01	11.06	47.425	30.75	8.75	8.11	6.2	2.43	
302	12/25/2006 16:16	11	47.217	30.59	8.79	8.1	6.5	2.37	
303	12/25/2006 16:31	10.97	47.052	30.47	8.79	8.1	5.7	2.26	
304	12/25/2006 16:46	10.98	47.043	30.47	8.75	8.1	5.8	2.17	
305	12/25/2006 17:01	10.96	47.018	30.45	8.77	8.1	6.8	2.08	
306	12/25/2006 17:16	10.93	46.986	30.42	8.79	8.1	6.1	2.01	
307	12/25/2006 17:31	10.93	46.832	30.31	8.73	8.09	6.4	1.93	
308	12/25/2006 17:46	10.9	46.246	29.89	8.68	8.08	6.2	1.76	
309	12/25/2006 18:01	10.86	46.222	29.87	8.71	8.07	6.4	1.67	
310	12/25/2006 18:16	10.82	45.862	29.61	8.72	8.06	6.5	1.65	
311	12/25/2006 18:31	10.83	45.245	29.17	8.65	8.05	6.6	1.47	
312	12/25/2006 18:46	10.81	44.972	28.98	8.66	8.04	6.9	1.38	
313	12/25/2006 19:01	10.83	44.275	28.48	8.59	8.03	6.5	1.24	
314	12/25/2006 19:16	10.83	43.809	28.15	8.39	8.02	4.8	1.13	
315	12/25/2006 19:31	10.83	42.932	27.53	8.48	8.02	5.8	1.00	
316	12/25/2006 19:46	10.78	43.406	27.86	8.45	8.01	7.3	0.95	
317	12/25/2006 20:01	10.77	42.661	27.33	8.37	8	7.7	0.90	
318	12/25/2006 20:16	10.82	42.106	26.94	8.39	8	4.9	0.67	
319	12/25/2006 20:31	10.77	42.68	27.35	8.39	8	5.6	0.73	
320	12/25/2006 20:46	10.76	42.296	27.07	8.44	8	5.6	0.64	
321	12/25/2006 21:01	10.76	42.018	26.88	8.46	8	5.6	0.55	
322	12/25/2006 21:16	10.76	42.016	26.88	8.43	8	5.0	0.52	
323	12/25/2006 21:31	10.73	42.485	27.21	8.33	7.99	4.7	0.59	
324	12/25/2006 21:46	10.73	42.063	26.91	8.36	8	4.9	0.49	
325	12/25/2006 22:01	10.72	42.465	27.19	8.4	7.99	5.7	0.56	
326	12/25/2006 22:16	10.71	42.353	27.11	8.34	7.99	4.9	0.55	
327	12/25/2006 22:31	10.69	44.189	28.41	8.57	8.01	8.7	0.70	
328	12/25/2006 22:46	10.68	43.213	27.72	8.69	8.01	8.9	0.75	
329	12/25/2006 23:01	10.68	41.761	26.69	8.76	8	8.0	0.81	
330	12/25/2006 23:16	10.69	41.767	26.7	8.75	8.01	7.6	0.94	
331	12/25/2006 23:31	10.69	41.861	26.76	8.74	8.01	7.7	0.99	
332	12/25/2006 23:46	10.71	42.64	27.32	8.73	8.01	7.2	1.09	
333	12/26/2006 00:01	10.7	42.361	27.12	8.77	8.01	7.4	1.16	
334	12/26/2006 00:16	10.72	42.936	27.53	8.74	8.02	6.8	1.26	
335	12/26/2006 00:31	10.72	44.223	28.44	8.75	8.03	9.0	1.36	

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
336	12/26/2006 00:46	10.69	44.643	28.74	8.78	8.04	9.5	1.44
337	12/26/2006 01:01	10.7	45.015	29	8.77	8.04	10.1	1.52
338	12/26/2006 01:16	10.72	45.387	29.27	8.77	8.05	11.3	1.64
339	12/26/2006 01:31	10.73	45.657	29.46	8.77	8.05	12.8	1.74
340	12/26/2006 01:46	10.74	45.854	29.6	8.78	8.06	12.0	1.80
341	12/26/2006 02:01	10.76	46.232	29.88	8.79	8.07	14.1	1.89
342	12/26/2006 02:16	10.78	46.577	30.12	8.84	8.09	13.0	2.00
343	12/26/2006 02:31	10.8	46.797	30.28	8.85	8.09	11.8	2.04
344	12/26/2006 02:46	10.85	47.024	30.45	8.95	8.1	12.2	2.13
345	12/26/2006 03:01	10.91	47.558	30.83	9.08	8.11	14.6	2.22
346	12/26/2006 03:16	10.95	48.191	31.29	9.19	8.13	15.1	2.31
347	12/26/2006 03:31	11	48.849	31.77	9.28	8.14	14.9	2.39
348	12/26/2006 03:46	11.02	49.382	32.16	9.34	8.14	14.4	2.47
349	12/26/2006 04:01	11.02	49.539	32.27	9.35	8.15	12.1	2.54
350	12/26/2006 04:16	11.02	49.534	32.27	9.32	8.14	9.0	2.56
351	12/26/2006 04:31	11.03	49.62	32.33	9.33	8.14	10.3	2.60
352	12/26/2006 04:46	11.02	49.589	32.31	9.29	8.14	8.6	2.59
353	12/26/2006 05:01	11.01	49.603	32.32	9.26	8.14	9.4	2.59
354	12/26/2006 05:16	10.91	48.825	31.75	9.19	8.13	13.9	2.58
355	12/26/2006 05:31	10.93	48.82	31.75	9.17	8.13	12.5	2.50
356	12/26/2006 05:46	10.92	48.718	31.67	9.14	8.13	14.9	2.43
357	12/26/2006 06:01	10.86	48.135	31.25	9.09	8.12	20.1	2.40
358	12/26/2006 06:16	10.82	47.713	30.94	9.08	8.11	20.5	2.27
359	12/26/2006 06:31	10.8	47.344	30.67	9.02	8.1	21.8	2.23
360	12/26/2006 06:46	10.8	47.097	30.5	8.99	8.1	18.8	2.12
361	12/26/2006 07:01	10.81	46.961	30.4	8.96	8.1	18.4	2.05
362	12/26/2006 07:16	10.78	46.751	30.25	8.88	8.09	19.8	1.97
363	12/26/2006 07:31	10.74	46.493	30.06	8.9	8.08	22.3	1.89
364	12/26/2006 07:46	10.69	46.199	29.85	8.87	8.08	24.0	1.82
365	12/26/2006 08:01	10.66	45.971	29.68	8.81	8.07	28.0	1.76
366	12/26/2006 08:16	10.69	45.516	29.36	8.7	8.06	29.4	1.68
367	12/26/2006 08:31	10.63	45.547	29.38	8.79	8.06	31.6	1.65
368	12/26/2006 08:46	10.64	45.236	29.16	8.5	8.05	32.1	1.59
369	12/26/2006 09:01	10.64	44.909	28.92	8.38	8.04	30.3	1.53
370	12/26/2006 09:16	10.63	44.719	28.79	8.6	8.03	23.9	1.48
371	12/26/2006 09:31	10.58	44.891	28.91	8.66	8.04	34.0	1.45
372	12/26/2006 09:46	10.58	44.469	28.61	8.78	8.04	26.7	1.41
373	12/26/2006 10:01	10.61	44.115	28.36	8.44	8.02	8.0	1.35
374	12/26/2006 10:16	10.59	44.12	28.36	8.63	8.03	14.3	1.35
375	12/26/2006 10:31	10.58	44.265	28.46	8.6	8.03	18.2	1.38
376	12/26/2006 10:46	10.59	44.364	28.53	8.58	8.03	16.3	1.38
377	12/26/2006 11:01	10.6	44.898	28.91	8.81	8.05	23.2	1.41
378	12/26/2006 11:16	10.62	45.146	29.09	8.86	8.05	20.7	1.45
379	12/26/2006 11:31	10.65	45.468	29.32	8.85	8.06	17.9	1.50
380	12/26/2006 11:46	10.71	45.721	29.51	8.9	8.07	18.8	1.52
381	12/26/2006 12:01	10.72	45.791	29.56	8.92	8.08	17.4	1.58
382	12/26/2006 12:16	10.74	46.004	29.71	8.91	8.08	15.5	1.65
383	12/26/2006 12:31	10.77	46.131	29.8	8.95	8.08	16.6	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	
384	12/26/2006 12:46	10.75	45.869	29.61	8.95	8.07	20.6	1.77	
385	12/26/2006 13:01	10.75	45.798	29.56	8.93	8.07	19.5	1.83	
386	12/26/2006 13:16	10.78	43.781	28.13	9.03	8.07	14.6	1.89	
387	12/26/2006 13:31	10.8	42.798	27.43	9.08	8.08	15.9	1.99	
388	12/26/2006 13:46	10.81	42.72	27.38	9.07	8.08	14.1	2.04	
389	12/26/2006 14:01	10.83	43.303	27.79	9.06	8.08	13.0	2.11	
390	12/26/2006 14:16	10.84	43.599	28	9.07	8.09	11.0	2.18	
391	12/26/2006 14:31	10.85	43.217	27.73	9.07	8.09	10.4	2.22	
392	12/26/2006 14:46	10.88	43.521	27.95	9.08	8.09	9.6	2.26	
393	12/26/2006 15:01	10.94	44.171	28.41	9.09	8.1	9.1	2.34	
394	12/26/2006 15:16	10.95	44.154	28.4	9.07	8.1	8.8	2.38	
395	12/26/2006 15:31	10.95	43.865	28.2	9.03	8.1	7.6	2.39	
396	12/26/2006 15:46	10.95	44.133	28.39	9.01	8.1	7.6	2.40	
397	12/26/2006 16:01	10.94	44.214	28.44	8.98	8.09	7.7	2.42	
398	12/26/2006 16:16	10.94	44.237	28.46	8.95	8.09	7.0	2.41	
399	12/26/2006 16:31	10.93	43.994	28.29	8.93	8.08	6.7	2.37	
400	12/26/2006 16:46	10.97	43.405	27.87	9	8.09	7.4	2.31	
401	12/26/2006 17:01	11	43.734	28.1	8.96	8.09	9.9	2.27	
402	12/26/2006 17:16	11.01	44.376	28.56	8.93	8.09	11.6	2.23	
403	12/26/2006 17:31	10.99	44.096	28.36	8.6	8.06	9.8	2.13	
404	12/26/2006 17:46	10.98	44.933	28.96	8.6	8.07	10.5	2.06	
405	12/26/2006 18:01	10.97	44.562	28.69	8.67	8.06	10.8	1.99	
406	12/26/2006 18:16	10.96	44.873	28.91	8.61	8.06	10.4	1.91	
407	12/26/2006 18:31	10.95	43.553	27.97	8.91	8.07	14.8	1.83	
408	12/26/2006 18:46	10.91	41.62	26.6	8.98	8.06	14.9	1.74	
409	12/26/2006 19:01	10.89	42.963	27.55	8.91	8.06	15.8	1.64	
410	12/26/2006 19:16	10.87	43.474	27.91	8.85	8.05	15.4	1.54	
411	12/26/2006 19:31	10.85	43.4	27.86	8.79	8.04	16.8	1.42	
412	12/26/2006 19:46	10.84	42.316	27.09	8.77	8.04	15.2	1.35	
413	12/26/2006 20:01	10.82	41.977	26.85	8.77	8.03	15.0	1.28	
414	12/26/2006 20:16	10.84	40.513	25.82	8.43	8.02	8.4	1.16	
415	12/26/2006 20:31	10.83	40.933	26.12	8.2	8.01	10.4	1.09	
416	12/26/2006 20:46	10.79	42.126	26.96	8.43	8.01	11.4	1.02	
417	12/26/2006 21:01	10.81	41.05	26.2	8.12	8	5.1	0.95	
418	12/26/2006 21:16	10.8	40.808	26.03	8.14	8	5.0	0.86	
419	12/26/2006 21:31	10.79	41.065	26.21	8.13	8	5.0	0.82	
420	12/26/2006 21:46	10.77	40.424	25.76	8.15	7.99	5.2	0.76	
421	12/26/2006 22:01	10.76	40.464	25.78	8.15	7.99	5.0	0.73	
422	12/26/2006 22:16	10.75	40.499	25.81	8.13	7.99	5.1	0.73	
423	12/26/2006 22:31	10.74	40.49	25.8	8.11	7.99	5.2	0.76	
424	12/26/2006 22:46	10.72	40.528	25.83	8.06	7.99	5.0	0.78	
425	12/26/2006 23:01	10.72	41.749	26.69	8.37	7.99	12.6	0.83	
426	12/26/2006 23:16	10.71	40.565	25.85	8.77	8.01	15.3	0.89	
427	12/26/2006 23:31	10.75	40.505	25.81	8.79	8.02	13.8	0.95	
428	12/26/2006 23:46	10.76	41.064	26.21	8.82	8.02	14.7	1.06	
429	12/27/2006 00:01	10.77	39.97	25.44	8.87	8.02	14.8	1.12	
430	12/27/2006 00:16	10.78	39.207	24.9	8.88	8.02	14.6	1.21	
431	12/27/2006 00:31	10.8	39.794	25.31	8.91	8.03	13.5	1.30	

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	
432	12/27/2006 00:46	10.8	39.915	25.4	8.91	8.03	12.7	1.38	
433	12/27/2006 01:01	10.8	40.282	25.66	8.92	8.04	15.0	1.49	
434	12/27/2006 01:16	10.79	40.088	25.52	8.96	8.04	15.8	1.57	
435	12/27/2006 01:31	10.77	40.137	25.55	8.96	8.04	15.4	1.66	
436	12/27/2006 01:46	10.78	40.757	25.99	8.94	8.04	18.8	1.77	
437	12/27/2006 02:01	10.79	42.291	27.07	8.9	8.05	17.9	1.90	
438	12/27/2006 02:16	10.8	42.06	26.91	8.93	8.05	18.4	1.99	
439	12/27/2006 02:31	10.8	42.627	27.31	8.93	8.05	16.9	2.09	
440	12/27/2006 02:46	10.8	41.931	26.82	8.97	8.06	19.6	2.19	
441	12/27/2006 03:01	10.81	42.257	27.05	9	8.06	22.4	2.30	
442	12/27/2006 03:16	10.82	42.463	27.19	9.02	8.07	22.5	2.38	
443	12/27/2006 03:31	10.83	42.157	26.98	9.05	8.08	24.1	2.44	
444	12/27/2006 03:46	10.83	43.233	27.74	9.06	8.08	23.2	2.54	
445	12/27/2006 04:01	10.85	43.168	27.7	9.13	8.09	22.3	2.65	
446	12/27/2006 04:16	10.86	45.067	29.05	9.09	8.1	21.0	2.72	
447	12/27/2006 04:31	10.86	44.992	28.99	9.12	8.1	16.9	2.76	
448	12/27/2006 04:46	10.87	45.287	29.2	9.11	8.11	17.5	2.86	
449	12/27/2006 05:01	10.87	45.254	29.18	9.1	8.11	17.4	2.88	
450	12/27/2006 05:16	10.87	45.955	29.68	9.04	8.11	16.2	2.87	
451	12/27/2006 05:31	10.74	44.966	28.97	9.1	8.1	42.5	2.83	
452	12/27/2006 05:46	10.78	45.587	29.41	9.12	8.11	44.0	2.84	
453	12/27/2006 06:01	10.87	45.903	29.65	9.15	8.12	48.1	2.73	
454	12/27/2006 06:16	10.95	45.966	29.69	9.19	8.13	55.7	2.69	
455	12/27/2006 06:31	10.94	46.207	29.87	9.17	8.13	47.0	2.58	
456	12/27/2006 06:46	10.85	45.085	29.06	9.17	8.12	49.9	2.52	
457	12/27/2006 07:01	10.71	44.327	28.51	9.11	8.1	54.9	2.40	
458	12/27/2006 07:16	10.61	43.523	27.94	9.08	8.08	50.3	2.35	
459	12/27/2006 07:31	10.51	43.049	27.6	9.08	8.07	72.6	2.26	
460	12/27/2006 07:46	10.47	42.663	27.32	9.08	8.07	71.6	2.14	
461	12/27/2006 08:01	10.38	42.624	27.29	9.08	8.06	81.0	2.07	
462	12/27/2006 08:16	10.35	42.536	27.22	9	8.05	81.8	1.99	
463	12/27/2006 08:31	10.38	42.376	27.11	9	8.05	98.9	1.90	
464	12/27/2006 08:46	10.31	42.179	26.97	8.92	8.04	107.3	1.82	
465	12/27/2006 09:01	10.27	41.58	26.55	8.85	8.03	105.3	1.75	
466	12/27/2006 09:16	10.29	41.679	26.62	8.71	8.03	116.1	1.69	
467	12/27/2006 09:31	10.3	41.761	26.67	8.43	8.02	145.6	1.60	
468	12/27/2006 09:46	10.3	40.569	25.84	8.52	8.02	141.5	1.52	
469	12/27/2006 10:01	10.28	41.063	26.18	8.37	8.01	60.2	1.46	
470	12/27/2006 10:16	10.24	41.126	26.23	8.28	8.01	20.2	1.38	
471	12/27/2006 10:31	10.21	41.19	26.27	8.23	8	7.9	1.32	
472	12/27/2006 10:46	10.18	41.109	26.21	8.22	8	7.2	1.24	
473	12/27/2006 11:01	10.14	40.266	25.62	8.23	8	7.1	1.18	
474	12/27/2006 11:16	10.11	40.868	26.04	8.18	8	8.9	1.16	
475	12/27/2006 11:31	10.07	41.036	26.15	8.2	7.99	12.5	1.12	
476	12/27/2006 11:46	10.04	41.023	26.14	8.17	7.99	14.3	1.11	
477	12/27/2006 12:01	10.01	40.928	26.07	8.12	7.99	7.7	1.07	
478	12/27/2006 12:16	9.89	40.417	25.71	8.98	8	44.0	1.11	
479	12/27/2006 12:31	9.83	41.036	26.14	9.12	8.01	64.1	1.16	

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
480	12/27/2006 12:46	9.82	40.518	25.78	9.24	8.01	69.6	1.14
481	12/27/2006 13:01	9.82	38.541	24.4	9.37	8.01	52.3	1.20
482	12/27/2006 13:16	9.87	40.251	25.59	9.28	8.01	49.5	1.27
483	12/27/2006 13:31	9.87	40.277	25.61	9.31	8.01	48.2	1.34
484	12/27/2006 13:46	9.89	40.552	25.8	9.3	8	60.6	1.38
485	12/27/2006 14:01	9.88	40.568	25.82	9.26	8	46.7	1.45
486	12/27/2006 14:16	9.89	40.715	25.92	9.24	8	53.4	1.55
487	12/27/2006 14:31	9.91	40.617	25.85	9.23	8	40.8	1.59
488	12/27/2006 14:46	9.97	39.877	25.34	9.21	8	37.4	1.67
489	12/27/2006 15:01	10	39.503	25.08	9.19	8	33.6	1.69
490	12/27/2006 15:16	10.07	40.462	25.75	9.13	8.01	30.9	1.74
491	12/27/2006 15:31	10.1	40.175	25.55	9.2	8.02	28.4	1.79
492	12/27/2006 15:46	10.08	40.131	25.52	9.23	8.02	28.1	1.83
493	12/27/2006 16:01	10.11	40.646	25.88	9.21	8.03	24.5	1.87
494	12/27/2006 16:16	10.06	40.336	25.66	9.23	8.02	26.7	1.89
495	12/27/2006 16:31	10	40.297	25.63	9.19	8.02	26.7	1.90
496	12/27/2006 16:46	9.98	40.393	25.7	9.12	8.02	26.2	1.93
497	12/27/2006 17:01	9.97	40.409	25.71	9.02	8.01	26.0	1.89
498	12/27/2006 17:16	9.82	40.905	26.05	9.1	8.03	31.4	1.95
499	12/27/2006 17:31	9.88	39.217	24.87	8.99	8.01	27.0	1.92
500	12/27/2006 17:46	9.88	40.328	25.65	8.91	8	27.1	1.90
501	12/27/2006 18:01	9.87	39.999	25.42	8.86	8	21.4	1.84
502	12/27/2006 18:16	9.86	39.075	24.77	8.87	8	19.3	1.83
503	12/27/2006 18:31	9.84	39.978	25.4	8.8	7.99	19.3	1.78
504	12/27/2006 18:46	9.8	40.297	25.62	8.77	8	21.8	1.72
505	12/27/2006 19:01	9.76	41.019	26.13	8.71	7.99	21.0	1.67
506	12/27/2006 19:16	9.73	41.01	26.12	8.76	8	35.5	1.63
507	12/27/2006 19:31	9.71	40.983	26.1	8.88	8	40.6	1.54
508	12/27/2006 19:46	9.66	41.047	26.14	8.71	8	22.6	1.47
509	12/27/2006 20:01	9.52	41.143	26.2	8.89	8.01	53.2	1.42
510	12/27/2006 20:16	9.43	40.968	26.07	9.18	8.02	51.3	1.36
511	12/27/2006 20:31	9.45	40.963	26.07	8.74	8.01	43.6	1.27
512	12/27/2006 20:46	9.51	40.835	25.98	8.39	7.99	16.0	1.20
513	12/27/2006 21:01	9.47	40.856	26	8.3	7.99	14.2	1.12
514	12/27/2006 21:16	9.44	40.796	25.95	8.24	8	13.3	1.04
515	12/27/2006 21:31	9.41	40.764	25.93	8.21	7.99	12.9	1.00
516	12/27/2006 21:46	9.38	40.761	25.92	8.23	8	11.3	0.92
517	12/27/2006 22:01	9.2	38.638	24.43	8.99	8.01	35.6	0.87
518	12/27/2006 22:16	9.14	39.464	25	9.17	8.01	36.7	0.82
519	12/27/2006 22:31	9.02	39.293	24.88	9.17	8.01	37.5	0.82
520	12/27/2006 22:46	9.02	39.513	25.03	9.02	8.01	28.2	0.77
521	12/27/2006 23:01	9	39.615	25.1	8.95	8	27.3	0.76
522	12/27/2006 23:16	8.92	39.6	25.09	9.13	8.01	40.0	0.80
523	12/27/2006 23:31	8.73	38.945	24.62	9.37	8.01	36.7	0.80
524	12/27/2006 23:46	8.69	38.51	24.32	9.35	8.01	39.0	0.84
525	12/28/2006 00:01	8.65	37.099	23.34	9.53	8.01	42.1	0.89
526	12/28/2006 00:16	8.73	37.57	23.67	9.41	8.01	39.3	0.97
527	12/28/2006 00:31	9.18	38.947	24.65	9.4	8.01	37.4	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
528	12/28/2006 00:46	9.15	37.902	23.92	9.48	8.02	37.1	1.10
529	12/28/2006 01:01	9.24	39.321	24.91	9.4	8.01	33.2	1.18
530	12/28/2006 01:16	9.3	38.526	24.36	9.44	8.02	33.9	1.27
531	12/28/2006 01:31	9.39	38.757	24.53	9.4	8.02	33.2	1.33
532	12/28/2006 01:46	9.51	39.215	24.85	9.37	8.03	33.6	1.44
533	12/28/2006 02:01	9.71	39.845	25.3	9.31	8.04	35.2	1.52
534	12/28/2006 02:16	9.76	40.76	25.94	9.29	8.04	35.4	1.60
535	12/28/2006 02:31	9.93	41.8	26.68	9.26	8.06	43.7	1.69
536	12/28/2006 02:46	9.89	40.976	26.1	9.32	8.06	37.2	1.78
537	12/28/2006 03:01	9.86	40.726	25.92	9.33	8.06	35.7	1.86
538	12/28/2006 03:16	9.8	40.325	25.64	9.4	8.06	34.5	1.95
539	12/28/2006 03:31	9.74	39.86	25.31	9.46	8.06	29.0	2.04
540	12/28/2006 03:46	9.64	39.83	25.29	9.52	8.07	26.4	2.13
541	12/28/2006 04:01	9.86	39.671	25.19	9.52	8.08	37.5	2.22
542	12/28/2006 04:16	9.93	40.846	26.01	9.54	8.09	42.6	2.30
543	12/28/2006 04:31	9.98	41.545	26.51	9.55	8.09	33.6	2.38
544	12/28/2006 04:46	10.09	42.691	27.32	9.61	8.1	39.5	2.47
545	12/28/2006 05:01	10.02	42.816	27.41	9.62	8.1	28.8	2.54
546	12/28/2006 05:16	10.03	42.892	27.46	9.62	8.1	24.2	2.58
547	12/28/2006 05:31	10.08	42.422	27.13	9.66	8.11	21.7	2.63
548	12/28/2006 05:46	10.11	43.379	27.81	9.59	8.11	19.0	2.67
549	12/28/2006 06:01	10.12	42.573	27.24	9.63	8.11	19.1	2.69
550	12/28/2006 06:16	10.07	42.662	27.3	9.62	8.11	15.4	2.67
551	12/28/2006 06:31	10.07	42.616	27.27	9.61	8.1	12.7	2.64
552	12/28/2006 06:46	9.68	41.117	26.19	9.48	8.08	18.7	2.61
553	12/28/2006 07:01	9.35	40.542	25.77	9.46	8.07	19.7	2.55
554	12/28/2006 07:16	9.42	40.362	25.65	9.45	8.07	21.2	2.45
555	12/28/2006 07:31	9.41	39.831	25.28	9.48	8.07	32.0	2.38
556	12/28/2006 07:46	9.43	39.816	25.27	9.41	8.07	24.9	2.29
557	12/28/2006 08:01	9.26	38.86	24.59	9.37	8.06	18.4	2.20
558	12/28/2006 08:16	9.31	38.411	24.28	9.21	8.05	17.9	2.12
559	12/28/2006 08:31	9.32	38.578	24.4	9.17	8.05	15.4	2.02
560	12/28/2006 08:46	9.28	38.598	24.41	9.11	8.04	15.8	1.93
561	12/28/2006 09:01	9.2	38.754	24.51	9.09	8.04	16.2	1.83
562	12/28/2006 09:16	9.17	39.017	24.7	9.11	8.04	19.6	1.75
563	12/28/2006 09:31	9.09	38.657	24.44	9.17	8.04	21.0	1.63
564	12/28/2006 09:46	8.94	39.89	25.29	9.24	8.03	23.1	1.53
565	12/28/2006 10:01	8.84	39.813	25.23	9.28	8.03	23.5	1.46
566	12/28/2006 10:16	8.9	39.753	25.19	9.2	8.03	20.3	1.34
567	12/28/2006 10:31	8.91	38.958	24.64	9.12	8.02	17.9	1.25
568	12/28/2006 10:46	8.94	38.699	24.46	8.99	8.01	18.2	1.15
569	12/28/2006 11:01	8.93	38.427	24.27	8.97	8	19.0	1.06
570	12/28/2006 11:16	8.9	37.934	23.93	8.98	8	21.3	0.96
571	12/28/2006 11:31	8.87	37.56	23.67	9.01	7.99	22.2	0.90
572	12/28/2006 11:46	8.85	37.935	23.93	9.08	7.99	23.5	0.83
573	12/28/2006 12:01	8.85	37.964	23.95	9.06	7.99	27.2	0.78
574	12/28/2006 12:16	8.85	37.906	23.91	9.05	7.98	23.0	0.75
575	12/28/2006 12:31	8.86	37.604	23.7	9.04	7.98	23.0	0.73

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
576	12/28/2006 12:46	8.88	37.003	23.28	9.04	7.98	22.1	0.73
577	12/28/2006 13:01	8.9	37.953	23.94	8.92	7.98	22.9	0.76
578	12/28/2006 13:16	8.92	38.182	24.1	8.82	7.96	22.7	0.78
579	12/28/2006 13:31	9.09	37.842	23.87	9.28	8.02	17.1	0.83
580	12/28/2006 13:46	9.06	38.652	24.44	9.39	8.02	17.7	0.88
581	12/28/2006 14:01	8.96	38.383	24.24	9.37	8.01	17.5	0.94
582	12/28/2006 14:16	8.89	38.817	24.54	9.34	8.01	16.8	1.00
583	12/28/2006 14:31	8.88	38.79	24.52	9.33	8.02	18.8	1.06
584	12/28/2006 14:46	8.87	38.877	24.58	9.31	8.02	17.0	1.13
585	12/28/2006 15:01	8.89	39.002	24.67	9.28	8.02	17.9	1.19
586	12/28/2006 15:16	8.97	39.515	25.03	9.24	8.02	17.6	1.26
587	12/28/2006 15:31	9.06	39.933	25.33	9.26	8.03	17.3	1.31
588	12/28/2006 15:46	9.08	39.837	25.26	9.27	8.03	16.8	1.37
589	12/28/2006 16:01	9.23	40.233	25.55	9.23	8.03	14.9	1.44
590	12/28/2006 16:16	9.32	40.487	25.73	9.2	8.04	14.9	1.49
591	12/28/2006 16:31	9.45	40.716	25.9	9.27	8.04	17.1	1.56
592	12/28/2006 16:46	9.47	40.753	25.92	9.27	8.04	15.5	1.62
593	12/28/2006 17:01	9.48	40.745	25.92	9.28	8.04	15.6	1.66
594	12/28/2006 17:16	9.5	40.902	26.03	9.28	8.05	16.4	1.72
595	12/28/2006 17:31	9.52	40.841	25.99	9.31	8.05	13.3	1.76
596	12/28/2006 17:46	9.54	40.924	26.05	9.3	8.05	12.1	1.80
597	12/28/2006 18:01	9.54	40.928	26.05	9.28	8.05	11.6	1.83
598	12/28/2006 18:16	9.54	41.248	26.27	9.2	8.05	11.5	1.85
599	12/28/2006 18:31	9.54	41.338	26.34	9.16	8.04	10.1	1.87
600	12/28/2006 18:46	9.54	41.353	26.35	9.12	8.04	10.1	1.87
601	12/28/2006 19:01	9.54	41.374	26.36	9.09	8.04	9.4	1.87
602	12/28/2006 19:16	9.54	41.096	26.17	9.08	8.04	8.7	1.86
603	12/28/2006 19:31	9.54	41.114	26.18	9.08	8.04	8.9	1.84
604	12/28/2006 19:46	9.54	40.776	25.94	9.06	8.03	8.8	1.79
605	12/28/2006 20:01	9.52	40.453	25.72	8.98	8.02	8.1	1.74
606	12/28/2006 20:16	9.5	40.291	25.6	8.85	8.03	9.3	1.69
607	12/28/2006 20:31	9.43	39.841	25.28	8.72	8.02	10.7	1.63
608	12/28/2006 20:46	9.4	39.635	25.14	8.77	8.02	10.6	1.56
609	12/28/2006 21:01	9.35	40.507	25.75	8.73	8.02	10.4	1.49
610	12/28/2006 21:16	9.29	40.166	25.5	8.71	8.01	11.2	1.42
611	12/28/2006 21:31	9.23	39.805	25.25	8.71	8	11.0	1.35
612	12/28/2006 21:46	9.18	39.661	25.14	8.69	8	11.0	1.29
613	12/28/2006 22:01	9.11	39.466	25.01	8.68	7.99	12.1	1.23
614	12/28/2006 22:16	9.05	39.22	24.83	8.59	7.99	11.8	1.17
615	12/28/2006 22:31	9.01	37.939	23.94	8.68	7.99	12.6	1.13
616	12/28/2006 22:46	8.99	38.196	24.11	8.69	7.99	12.5	1.09
617	12/28/2006 23:01	8.96	38.554	24.36	8.67	7.99	12.2	1.05
618	12/28/2006 23:16	8.93	38.432	24.28	8.64	7.98	12.3	1.03
619	12/28/2006 23:31	8.9	38.599	24.39	8.6	7.98	12.1	1.02
620	12/28/2006 23:46	8.88	38.686	24.45	8.6	7.98	11.8	1.02
621	12/29/2006 00:01	8.86	38.634	24.41	8.58	7.97	11.3	1.02
622	12/29/2006 00:16	8.81	38.748	24.49	8.59	7.97	11.3	1.04
623	12/29/2006 00:31	8.79	38.886	24.58	8.86	7.99	9.6	1.07

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
624	12/29/2006 00:46	8.67	39.105	24.73	9.2	8.02	11.5	1.10
625	12/29/2006 01:01	8.78	39.295	24.87	9.32	8.04	10.0	1.15
626	12/29/2006 01:16	8.93	39.252	24.85	9.27	8.03	13.6	1.21
627	12/29/2006 01:31	8.94	39.675	25.14	9.29	8.04	12.8	1.27
628	12/29/2006 01:46	9.02	38.844	24.57	9.35	8.04	15.5	1.33
629	12/29/2006 02:01	9.08	39.118	24.76	9.31	8.04	13.2	1.40
630	12/29/2006 02:16	9.16	38.98	24.67	9.36	8.05	16.4	1.47
631	12/29/2006 02:31	9.15	39.463	25	9.34	8.05	16.7	1.55
632	12/29/2006 02:46	9.18	39.905	25.31	9.34	8.05	12.1	1.62
633	12/29/2006 03:01	9.27	39.763	25.22	9.35	8.05	14.7	1.71
634	12/29/2006 03:16	9.17	39.709	25.18	9.38	8.05	19.3	1.79
635	12/29/2006 03:31	9.15	39.395	24.96	9.39	8.06	13.8	1.88
636	12/29/2006 03:46	9.12	39.618	25.11	9.41	8.06	13.6	1.97
637	12/29/2006 04:01	9.19	39.905	25.32	9.41	8.06	15.4	2.05
638	12/29/2006 04:16	9.28	40.992	26.08	9.37	8.07	15.6	2.14
639	12/29/2006 04:31	9.34	40.899	26.02	9.4	8.08	14.9	2.24
640	12/29/2006 04:46	9.62	41.108	26.18	9.36	8.09	20.4	2.32
641	12/29/2006 05:01	10.01	43.706	28.03	9.23	8.11	25.7	2.41
642	12/29/2006 05:16	10.06	44.738	28.77	9.2	8.12	23.8	2.50
643	12/29/2006 05:31	10	44.854	28.85	9.19	8.12	24.0	2.58
644	12/29/2006 05:46	10.05	45.076	29.01	9.18	8.12	19.1	2.64
645	12/29/2006 06:01	10.05	45.169	29.08	9.16	8.12	13.7	2.70
646	12/29/2006 06:16	10.12	45.183	29.09	9.13	8.12	13.2	2.77
647	12/29/2006 06:31	10.14	44.819	28.83	9.1	8.12	15.2	2.79
648	12/29/2006 06:46	10.14	44.397	28.53	9.11	8.12	11.2	2.81
649	12/29/2006 07:01	10.11	45.347	29.21	9.07	8.12	9.6	2.80
650	12/29/2006 07:16	10.11	45.203	29.1	9.06	8.11	8.4	2.79
651	12/29/2006 07:31	9.78	43.882	28.15	9.1	8.1	10.9	2.73
652	12/29/2006 07:46	9.4	43.554	27.89	9.15	8.09	14.4	2.67
653	12/29/2006 08:01	9.34	42.017	26.8	9.25	8.08	14.1	2.60
654	12/29/2006 08:16	9.32	42.3	27	9.18	8.08	16.6	2.52
655	12/29/2006 08:31	9.31	41.064	26.13	9.24	8.08	18.0	2.43
656	12/29/2006 08:46	9.22	40.958	26.05	9.22	8.07	13.1	2.34
657	12/29/2006 09:01	9.34	42.479	27.13	9.07	8.07	32.2	2.24
658	12/29/2006 09:16	9.29	41.188	26.22	9.1	8.06	17.9	2.13
659	12/29/2006 09:31	9.3	40.189	25.52	9.03	8.05	12.2	2.03
660	12/29/2006 09:46	9.26	40.857	25.99	8.94	8.04	9.7	1.92
661	12/29/2006 10:01	9.23	40.617	25.82	8.94	8.04	10.6	1.80
662	12/29/2006 10:16	9.19	39.772	25.22	8.93	8.03	8.6	1.70
663	12/29/2006 10:31	9.12	39.77	25.22	8.9	8.02	8.5	1.60
664	12/29/2006 10:46	9.09	39.547	25.06	8.9	8.02	10.8	1.48
665	12/29/2006 11:01	9.02	38.916	24.62	8.89	8.01	9.7	1.35
666	12/29/2006 11:16	8.99	38.718	24.48	8.81	8.01	9.3	1.26
667	12/29/2006 11:31	8.97	39.244	24.84	8.56	7.98	9.9	1.13
668	12/29/2006 11:46	8.94	39.091	24.73	8.36	7.97	11.0	1.02
669	12/29/2006 12:01	8.88	38.729	24.48	8.38	7.96	12.7	0.90
670	12/29/2006 12:16	8.84	38.475	24.3	8.49	7.95	14.1	0.79
671	12/29/2006 12:31	8.81	38.425	24.26	8.53	7.95	14.2	0.72

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
672	12/29/2006 12:46	8.79	37.428	23.57	8.59	7.95	14.5	0.65
673	12/29/2006 13:01	8.77	37.951	23.93	8.62	7.95	15.1	0.57
674	12/29/2006 13:16	8.77	38.141	24.07	8.58	7.95	14.6	0.53
675	12/29/2006 13:31	8.77	38.01	23.97	8.56	7.95	15.0	0.54
676	12/29/2006 13:46	8.78	37.967	23.94	8.55	7.94	14.5	0.54
677	12/29/2006 14:01	8.78	38.075	24.02	8.47	7.94	12.1	0.54
678	12/29/2006 14:16	8.78	37.954	23.94	8.37	7.93	12.8	0.57
679	12/29/2006 14:31	8.77	39.753	25.19	9.04	8.02	11.1	0.63
680	12/29/2006 14:46	8.82	40.048	25.39	9.44	8.06	11.1	0.69
681	12/29/2006 15:01	8.72	38.948	24.62	9.51	8.05	12.9	0.73
682	12/29/2006 15:16	8.69	39.081	24.71	9.46	8.04	11.8	0.79
683	12/29/2006 15:31	8.68	39.247	24.83	9.44	8.04	10.6	0.87
684	12/29/2006 15:46	8.68	39.545	25.04	9.41	8.04	10.7	0.91
685	12/29/2006 16:01	8.68	39.462	24.98	9.39	8.04	11.4	1.00
686	12/29/2006 16:16	8.67	39.229	24.82	9.41	8.04	12.0	1.06
687	12/29/2006 16:31	8.71	39.264	24.84	9.36	8.04	11.0	1.12
688	12/29/2006 16:46	8.74	39.895	25.28	9.32	8.04	11.3	1.21
689	12/29/2006 17:01	8.81	39.69	25.14	9.31	8.04	11.6	1.27
690	12/29/2006 17:16	8.79	39.867	25.27	9.31	8.04	12.0	1.35
691	12/29/2006 17:31	8.9	40.485	25.7	9.26	8.04	12.3	1.43
692	12/29/2006 17:46	8.94	40.769	25.91	9.24	8.05	11.5	1.49
693	12/29/2006 18:01	8.99	40.925	26.02	9.24	8.05	12.1	1.57
694	12/29/2006 18:16	9.04	41.208	26.22	9.22	8.05	12.7	1.63
695	12/29/2006 18:31	9.07	41.344	26.32	9.21	8.05	10.9	1.68
696	12/29/2006 18:46	9.1	41.474	26.41	9.2	8.05	11.6	1.73
697	12/29/2006 19:01	9.18	41.791	26.64	9.17	8.06	11.8	1.78
698	12/29/2006 19:16	9.19	40.939	26.04	9.2	8.06	10.1	1.82
699	12/29/2006 19:31	9.22	41.501	26.43	9.12	8.06	9.4	1.85
700	12/29/2006 19:46	9.23	41.689	26.57	9.15	8.06	9.2	1.89
701	12/29/2006 20:01	9.24	41.81	26.65	9.12	8.06	9.1	1.90
702	12/29/2006 20:16	9.24	41.452	26.4	9.09	8.06	8.6	1.91
703	12/29/2006 20:31	9.24	41.913	26.73	9.05	8.05	8.2	1.91
704	12/29/2006 20:46	9.24	41.731	26.6	9.04	8.05	7.4	1.89
705	12/29/2006 21:01	9.25	41.552	26.47	9.01	8.05	6.8	1.88
706	12/29/2006 21:16	9.25	42.087	26.85	8.95	8.05	6.5	1.84
707	12/29/2006 21:31	9.24	41.757	26.62	8.91	8.03	6.3	1.79
708	12/29/2006 21:46	9.18	41.607	26.51	8.77	8.03	7.9	1.73
709	12/29/2006 22:01	9	41.224	26.23	9.02	8.04	10.8	1.68
710	12/29/2006 22:16	8.97	41.083	26.13	9.09	8.05	10.5	1.63
711	12/29/2006 22:31	8.97	40.85	25.96	9.44	8.07	10.4	1.55
712	12/29/2006 22:46	8.93	40.732	25.88	9.48	8.08	8.0	1.50
713	12/29/2006 23:01	8.89	40.42	25.66	9.42	8.07	7.9	1.45
714	12/29/2006 23:16	8.75	40.198	25.49	9.01	8.03	8.6	1.40
715	12/29/2006 23:31	8.81	39.804	25.22	8.84	8.02	7.7	1.34
716	12/29/2006 23:46	8.78	39.739	25.18	8.77	8.01	8.3	1.31
717	12/30/2006 00:01	8.74	39.618	25.09	8.76	8.01	8.9	1.28
718	12/30/2006 00:16	8.73	39.631	25.1	8.75	8.01	8.1	1.26
719	12/30/2006 00:31	8.72	39.57	25.06	8.74	8.01	7.3	1.25

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	12/30/2006 00:46	8.71	39.509	25.01	8.74	8.01	7.4	1.25
721	12/30/2006 01:01	8.71	39.606	25.08	8.71	8.01	7.1	1.25
722	12/30/2006 01:16	8.68	39.707	25.15	8.64	8	7.1	1.29
723	12/30/2006 01:31	8.6	39.836	25.23	8.82	8.01	7.7	1.31
724	12/30/2006 01:46	8.61	40.001	25.35	9	8.02	7.3	1.33
725	12/30/2006 02:01	8.7	40.252	25.53	9.24	8.04	9.2	1.38
726	12/30/2006 02:16	8.58	40.306	25.56	9.3	8.05	10.2	1.44
727	12/30/2006 02:31	8.62	39.472	24.98	9.31	8.05	9.0	1.50
728	12/30/2006 02:46	8.91	40.607	25.79	9.22	8.05	11.5	1.54
729	12/30/2006 03:01	8.95	40.515	25.73	9.24	8.06	11.9	1.62
730	12/30/2006 03:16	9.01	39.894	25.3	9.25	8.06	13.0	1.69
731	12/30/2006 03:31	9.03	40.239	25.54	9.22	8.06	10.3	1.75
732	12/30/2006 03:46	9.04	41.684	26.55	9.18	8.06	12.7	1.84
733	12/30/2006 04:01	9.04	41.83	26.66	9.16	8.06	10.7	1.92
734	12/30/2006 04:16	9	42.019	26.79	9.17	8.07	13.3	1.99
735	12/30/2006 04:31	9.08	42.316	27	9.15	8.07	11.5	2.08
736	12/30/2006 04:46	9.21	42.672	27.26	9.1	8.07	11.6	2.17
737	12/30/2006 05:01	9.47	43.314	27.73	9.01	8.08	11.1	2.26
738	12/30/2006 05:16	9.66	43.586	27.93	8.95	8.09	13.1	2.34
739	12/30/2006 05:31	9.91	43.881	28.15	8.87	8.1	12.9	2.44
740	12/30/2006 05:46	10.02	44.44	28.56	8.82	8.11	13.8	2.52
741	12/30/2006 06:01	10.07	44.82	28.83	8.79	8.11	15.5	2.60
742	12/30/2006 06:16	10.06	45.698	29.45	8.77	8.11	17.7	2.69
743	12/30/2006 06:31	10.08	45.234	29.13	8.78	8.11	13.2	2.75
744	12/30/2006 06:46	10.09	44.812	28.82	8.79	8.11	11.9	2.81
745	12/30/2006 07:01	10.12	45.879	29.59	8.73	8.11	9.3	2.86
746	12/30/2006 07:16	10.13	45.241	29.13	8.71	8.11	8.2	2.90
747	12/30/2006 07:31	10.16	45.536	29.34	8.63	8.11	9.6	2.92
748	12/30/2006 07:46	10.17	45.312	29.19	8.6	8.11	8.4	2.92
749	12/30/2006 08:01	10.16	44.977	28.95	8.59	8.11	7.3	2.91
750	12/30/2006 08:16	10.15	45.475	29.3	8.58	8.11	6.1	2.88
751	12/30/2006 08:31	9.64	43.614	27.95	8.83	8.09	9.1	2.83
752	12/30/2006 08:46	9.33	41.9	26.72	9.02	8.08	9.5	3.38
753	12/30/2006 09:01	9.29	41.571	26.49	9.06	8.08	9.4	3.29
754	12/30/2006 09:16	9.42	41.956	26.77	9.01	8.08	14.9	3.20
755	12/30/2006 09:31	9.22	41.246	26.26	9.08	8.07	21.7	3.09
756	12/30/2006 09:46	9.08	41.016	26.09	9.11	8.07	17.4	2.99
757	12/30/2006 10:01	9.04	40.658	25.83	9.16	8.07	11.8	2.88
758	12/30/2006 10:16	9.39	42.643	27.25	9.01	8.08	15.2	2.76
759	12/30/2006 10:31	9.16	41.495	26.43	9.15	8.07	9.7	2.63
760	12/30/2006 10:46	9.25	41.937	26.74	9.13	8.07	8.8	2.54
761	12/30/2006 11:01	9.26	41.192	26.22	9.2	8.07	8.5	2.41
762	12/30/2006 11:16	9.25	41.872	26.7	9.22	8.08	9.0	2.28
763	12/30/2006 11:31	9.13	40.765	25.91	9.26	8.07	13.2	2.14
764	12/30/2006 11:46	9.26	40.956	26.05	9.35	8.08	10.8	2.02
765	12/30/2006 12:01	9.07	40.534	25.75	9.36	8.07	10.8	1.89
766	12/30/2006 12:16	9.19	41.267	26.27	9.49	8.08	12.4	1.75
767	12/30/2006 12:31	9.09	40.939	26.03	9.49	8.08	15.2	1.61

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
768	12/30/2006 12:46	9.09	41.73	26.59	9.6	8.1	13.2	1.48
769	12/30/2006 13:01	9.03	41.481	26.41	9.66	8.1	13.2	1.39
770	12/30/2006 13:16	9	41.182	26.2	9.74	8.1	13.4	1.26
771	12/30/2006 13:31	8.98	39.856	25.27	9.91	8.12	16.5	1.14
772	12/30/2006 13:46	8.91	39.687	25.15	9.89	8.11	14.0	1.11
773	12/30/2006 14:01	8.87	39.394	24.94	9.89	8.11	14.7	0.97
774	12/30/2006 14:16	8.88	39.274	24.86	9.91	8.11	14.1	0.92
775	12/30/2006 14:31	8.85	39.295	24.87	9.88	8.11	12.6	0.93
776	12/30/2006 14:46	8.87	39.34	24.9	9.88	8.11	11.1	0.86
777	12/30/2006 15:01	8.82	39.435	24.97	9.73	8.09	13.2	0.94
778	12/30/2006 15:16	9.01	39.511	25.03	9.75	8.1	11.2	0.95
779	12/30/2006 15:31	9.03	39.659	25.13	9.77	8.09	11.8	1.00
780	12/30/2006 15:46	9.04	39.971	25.35	9.75	8.09	10.2	1.05
781	12/30/2006 16:01	8.92	38.442	24.28	9.78	8.08	11.1	1.12
782	12/30/2006 16:16	8.95	39.099	24.74	9.7	8.08	13.5	1.20
783	12/30/2006 16:31	8.95	38.99	24.66	9.67	8.08	11.1	1.28
784	12/30/2006 16:46	8.93	39.634	25.11	9.61	8.07	11.1	1.36
785	12/30/2006 17:01	8.95	40.317	25.59	9.55	8.07	10.7	1.43
786	12/30/2006 17:16	8.97	41.15	26.17	9.49	8.07	10.4	1.49
787	12/30/2006 17:31	8.98	41.352	26.32	9.39	8.07	11.0	1.62
788	12/30/2006 17:46	8.99	41.629	26.51	9.35	8.06	11.2	1.68
789	12/30/2006 18:01	9.02	41.362	26.33	9.32	8.06	11.6	1.74
790	12/30/2006 18:16	9.04	41.574	26.48	9.29	8.06	10.8	1.86
791	12/30/2006 18:31	9.11	42.118	26.86	9.2	8.06	12.3	1.94
792	12/30/2006 18:46	9.13	42.398	27.06	9.13	8.06	12.9	2.03
793	12/30/2006 19:01	9.17	43	27.49	9.1	8.06	17.4	2.10
794	12/30/2006 19:16	9.18	42.852	27.38	9.1	8.06	13.6	2.17
795	12/30/2006 19:31	9.21	41.825	26.66	9.13	8.06	14.4	2.25
796	12/30/2006 19:46	9.28	42.027	26.81	9.09	8.07	17.9	2.31
797	12/30/2006 20:01	9.31	42.034	26.81	9.08	8.07	18.4	2.36
798	12/30/2006 20:16	9.37	42.094	26.86	9.08	8.07	20.9	2.42
799	12/30/2006 20:31	9.4	42.284	27	9.06	8.07	20.1	2.47
800	12/30/2006 20:46	9.4	42.279	26.99	9.06	8.07	16.3	2.51
801	12/30/2006 21:01	9.47	42.772	27.34	9.05	8.07	16.7	2.54
802	12/30/2006 21:16	9.52	42.91	27.44	9.03	8.07	14.0	2.58
803	12/30/2006 21:31	9.58	43.088	27.57	9.03	8.08	14.6	2.60
804	12/30/2006 21:46	9.48	44.226	28.37	8.93	8.07	13.6	2.61
805	12/30/2006 22:01	9.53	43.644	27.96	8.96	8.07	13.7	2.63
806	12/30/2006 22:16	9.54	43.828	28.09	8.93	8.07	12.4	2.61
807	12/30/2006 22:31	9.56	43.821	28.09	8.97	8.08	12.4	2.57
808	12/30/2006 22:46	9.53	43.694	28	8.95	8.07	14.1	2.54
809	12/30/2006 23:01	9.34	42.867	27.4	8.98	8.06	15.1	2.48
810	12/30/2006 23:16	9.19	42.3	26.99	9.05	8.06	16.6	2.43
811	12/30/2006 23:31	9.23	42.325	27.01	9.03	8.06	17.6	2.34
812	12/30/2006 23:46	9.26	41.841	26.68	9.03	8.06	17.6	2.31
813	12/31/2006 00:01	9.23	41.305	26.3	9.09	8.06	20.6	2.26
814	12/31/2006 00:16	9.17	41.93	26.73	9.1	8.06	15.0	2.19
815	12/31/2006 00:31	9.11	41.701	26.57	9.15	8.07	12.3	2.13

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
816	12/31/2006 00:46	9.02	41.344	26.31	9.12	8.05	9.5	2.12
817	12/31/2006 01:01	8.99	40.583	25.78	9.12	8.05	8.8	2.07
818	12/31/2006 01:16	9.02	40.802	25.93	9.11	8.06	9.2	2.00
819	12/31/2006 01:31	9.03	41.019	26.09	9.1	8.05	8.8	2.01
820	12/31/2006 01:46	9.03	41.379	26.34	9.05	8.05	8.0	2.00
821	12/31/2006 02:01	9.02	41.001	26.07	8.96	8.04	8.8	1.99
822	12/31/2006 02:16	8.97	41.163	26.18	8.93	8.03	8.5	2.02
823	12/31/2006 02:31	8.96	41.086	26.13	9.05	8.04	8.2	2.03
824	12/31/2006 02:46	9.02	41.44	26.38	9.03	8.05	9.4	2.07
825	12/31/2006 03:01	9.14	41.571	26.48	9.03	8.05	11.7	2.10
826	12/31/2006 03:16	9.05	40.635	25.82	9.09	8.05	11.5	2.15
827	12/31/2006 03:31	9	40.476	25.7	9.12	8.05	13.4	2.20
828	12/31/2006 03:46	9.18	41.218	26.23	9.09	8.06	13.3	2.28
829	12/31/2006 04:01	9.36	43.171	27.62	9.05	8.07	12.9	2.32
830	12/31/2006 04:16	9.27	43.348	27.74	9.06	8.07	11.8	2.39
831	12/31/2006 04:31	9.33	43.027	27.52	9.09	8.07	11.2	2.47
832	12/31/2006 04:46	9.38	43.186	27.63	9.14	8.07	11.5	2.55
833	12/31/2006 05:01	9.37	43.247	27.67	9.16	8.07	12.4	2.62
834	12/31/2006 05:16	9.44	43.336	27.74	9.15	8.08	13.8	2.71
835	12/31/2006 05:31	9.5	42.621	27.24	9.22	8.08	12.4	2.79
836	12/31/2006 05:46	9.77	43.428	27.82	9.3	8.09	68.3	2.88
837	12/31/2006 06:01	10.11	43.91	28.19	9.47	8.11	17.4	2.96
838	12/31/2006 06:16	10.18	45.541	29.35	9.43	8.11	28.1	3.05
839	12/31/2006 06:31	10.28	46.259	29.87	9.39	8.11	27.7	3.12
840	12/31/2006 06:46	10.31	46.387	29.96	9.34	8.11	42.6	3.20
841	12/31/2006 07:01	10.3	45.724	29.49	9.35	8.11	18.2	3.31
842	12/31/2006 07:16	10.3	44.973	28.95	9.4	8.11	30.5	3.37
843	12/31/2006 07:31	10.31	44.893	28.89	9.41	8.11	29.6	3.42
844	12/31/2006 07:46	10.39	45.348	29.22	9.41	8.12	26.5	3.48
845	12/31/2006 08:01	10.43	45.008	28.98	9.44	8.12	13.3	3.54
846	12/31/2006 08:16	10.46	44.702	28.77	9.45	8.12	12.3	3.57
847	12/31/2006 08:31	10.46	44.766	28.81	9.42	8.12	10.8	3.60
848	12/31/2006 08:46	10.42	44.612	28.7	9.39	8.11	10.5	3.62
849	12/31/2006 09:01	10.45	44.884	28.9	9.4	8.12	11.0	3.58
850	12/31/2006 09:16	10.46	44.802	28.84	9.41	8.12	11.0	3.55
851	12/31/2006 09:31	10.08	43.491	27.89	9.35	8.1	11.5	3.51
852	12/31/2006 09:46	9.74	42.466	27.14	9.21	8.08	8.1	3.42
853	12/31/2006 10:01	10	43.268	27.72	9.25	8.09	15.1	3.32
854	12/31/2006 10:16	9.93	43.742	28.06	9.22	8.09	20.0	3.21
855	12/31/2006 10:31	9.69	42.044	26.84	9.18	8.07	11.6	3.13
856	12/31/2006 10:46	9.62	43.743	28.04	9.09	8.07	11.0	2.99
857	12/31/2006 11:01	9.68	42.158	26.92	9.22	8.07	12.4	2.86
858	12/31/2006 11:16	9.63	41.926	26.76	9.19	8.07	8.7	2.74
859	12/31/2006 11:31	9.68	42.029	26.83	9.24	8.08	8.4	2.63
860	12/31/2006 11:46	9.72	42.06	26.86	9.3	8.08	7.9	2.46
861	12/31/2006 12:01	9.68	42.377	27.08	9.23	8.07	9.6	2.35
862	12/31/2006 12:16	9.63	41.434	26.41	9.25	8.07	15.2	2.21
863	12/31/2006 12:31	9.56	41.124	26.19	9.25	8.07	14.4	2.06

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
864	12/31/2006 12:46	9.7	41.273	26.3	9.34	8.08	14.4	1.89
865	12/31/2006 13:01	9.67	40.955	26.08	9.43	8.08	13.1	1.76
866	12/31/2006 13:16	9.64	40.816	25.98	9.57	8.09	13.0	1.62
867	12/31/2006 13:31	9.66	40.799	25.97	9.64	8.1	13.3	1.46
868	12/31/2006 13:46	9.62	41.968	26.79	9.59	8.1	15.0	1.32
869	12/31/2006 14:01	9.53	42.457	27.13	9.7	8.11	14.9	1.17
870	12/31/2006 14:16	9.49	42.242	26.97	9.68	8.11	16.0	1.03
871	12/31/2006 14:31	9.45	41.456	26.42	9.76	8.11	17.8	0.90
872	12/31/2006 14:46	9.4	40.874	26	9.82	8.12	17.0	0.83
873	12/31/2006 15:01	9.45	40.831	25.98	9.87	8.13	17.6	0.72
874	12/31/2006 15:16	9.44	40.599	25.81	9.96	8.13	18.4	0.69
875	12/31/2006 15:31	9.47	40.719	25.9	9.89	8.13	16.2	0.68
876	12/31/2006 15:46	9.47	40.765	25.93	9.82	8.12	21.0	0.73
877	12/31/2006 16:01	9.43	40.867	26	9.74	8.11	16.7	0.79
878	12/31/2006 16:16	9.42	41.369	26.35	9.68	8.1	16.1	0.86
879	12/31/2006 16:31	9.42	40.762	25.93	9.7	8.1	14.8	0.94
880	12/31/2006 16:46	9.39	40.055	25.43	9.64	8.08	14.1	1.00
881	12/31/2006 17:01	9.41	40.639	25.84	9.61	8.09	14.0	1.07
882	12/31/2006 17:16	9.4	40.631	25.83	9.56	8.08	12.8	1.14
883	12/31/2006 17:31	9.4	40.77	25.93	9.54	8.08	13.0	1.21
884	12/31/2006 17:46	9.41	40.708	25.89	9.52	8.08	12.6	1.28
885	12/31/2006 18:01	9.41	40.827	25.97	9.5	8.08	11.5	1.38
886	12/31/2006 18:16	9.42	40.951	26.06	9.46	8.07	11.4	1.45
887	12/31/2006 18:31	9.46	41.511	26.46	9.38	8.07	11.2	1.54
888	12/31/2006 18:46	9.48	41.972	26.78	9.31	8.07	12.2	1.64
889	12/31/2006 19:01	9.53	42.326	27.03	9.26	8.06	12.9	1.75
890	12/31/2006 19:16	9.56	42.182	26.93	9.23	8.06	13.0	1.84
891	12/31/2006 19:31	9.57	42.474	27.14	9.19	8.06	16.0	1.95
892	12/31/2006 19:46	9.58	42.205	26.95	9.2	8.07	21.3	2.04
893	12/31/2006 20:01	9.56	42.193	26.94	9.21	8.06	15.1	2.13
894	12/31/2006 20:16	9.59	42.666	27.28	9.18	8.06	18.5	2.21
895	12/31/2006 20:31	9.63	43.575	27.92	9.15	8.07	24.5	2.29
896	12/31/2006 20:46	9.68	43.503	27.87	9.16	8.07	24.7	2.38
897	12/31/2006 21:01	9.69	43.85	28.12	9.15	8.07	22.8	2.44
898	12/31/2006 21:16	9.72	43.731	28.04	9.16	8.07	21.4	2.50
899	12/31/2006 21:31	9.84	45.153	29.05	9.19	8.08	22.9	2.58
900	12/31/2006 21:46	9.98	45.608	29.39	9.29	8.09	22.1	2.64
901	12/31/2006 22:01	10.01	45.096	29.02	9.33	8.09	16.3	2.68
902	12/31/2006 22:16	10.02	43.295	27.74	9.39	8.09	15.4	2.73
903	12/31/2006 22:31	10.06	43.871	28.15	9.38	8.09	14.0	2.76
904	12/31/2006 22:46	10.09	44.379	28.52	9.35	8.09	12.2	2.77
905	12/31/2006 23:01	10.03	43.912	28.18	9.32	8.09	14.4	2.79
906	12/31/2006 23:16	10.06	44.597	28.67	9.32	8.09	12.3	2.77
907	12/31/2006 23:31	10.08	44.756	28.78	9.35	8.09	11.3	2.73
908	12/31/2006 23:46	10	44.382	28.51	9.28	8.08	12.1	2.71
909	1/1/2007 00:01	10.01	44.6	28.67	9.28	8.08	13.7	2.65
910	1/1/2007 00:16	9.85	41.446	26.43	9.34	8.08	18.3	2.59
911	1/1/2007 00:31	9.68	42.875	27.43	9.17	8.07	21.5	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
912	1/1/2007 00:46	9.67	42.504	27.17	9.17	8.07	19.6	2.46
913	1/1/2007 01:01	9.59	42.379	27.07	9.13	8.06	16.1	2.40
914	1/1/2007 01:16	9.45	41.903	26.73	9.1	8.06	12.8	2.34
915	1/1/2007 01:31	9.38	41.681	26.57	9.08	8.05	10.1	2.29
916	1/1/2007 01:46	9.26	40.681	25.86	9.1	8.05	8.9	2.24
917	1/1/2007 02:01	9.17	40.958	26.05	9.04	8.04	8.6	2.21
918	1/1/2007 02:16	9.25	41.77	26.63	9.04	8.05	8.8	2.18
919	1/1/2007 02:31	9.26	41.815	26.66	9.02	8.05	9.3	2.14
920	1/1/2007 02:46	9.29	42.084	26.85	8.98	8.05	9.3	2.13
921	1/1/2007 03:01	9.32	42.657	27.25	8.96	8.05	8.9	2.12
922	1/1/2007 03:16	9.21	42.767	27.32	8.94	8.04	8.6	2.13
923	1/1/2007 03:31	9.08	42.352	27.02	8.95	8.04	8.4	2.14
924	1/1/2007 03:46	9.34	42.302	27.01	9.02	8.05	9.0	2.19
925	1/1/2007 04:01	9.38	43.2	27.64	8.97	8.05	10.3	2.22
926	1/1/2007 04:16	9.35	42.555	27.18	9.05	8.05	10.1	2.27
927	1/1/2007 04:31	9.41	42.51	27.16	9.09	8.06	11.7	2.33
928	1/1/2007 04:46	9.64	44.243	28.39	9.07	8.07	12.9	2.38
929	1/1/2007 05:01	9.63	43.549	27.9	9.12	8.07	10.2	2.46
930	1/1/2007 05:16	9.51	43.439	27.82	9.12	8.06	10.6	2.52
931	1/1/2007 05:31	9.7	44.49	28.57	9.12	8.07	11.8	2.60
932	1/1/2007 05:46	9.6	44.113	28.3	9.2	8.07	12.3	2.69
933	1/1/2007 06:01	9.67	44.263	28.41	9.22	8.08	9.7	2.75
934	1/1/2007 06:16	9.81	44.472	28.57	9.24	8.08	9.7	2.83
935	1/1/2007 06:31	9.94	44.687	28.73	9.25	8.09	10.7	2.92
936	1/1/2007 06:46	10.07	45.059	29	9.27	8.09	14.4	3.00
937	1/1/2007 07:01	10.14	45.619	29.4	9.27	8.09	19.9	3.09
938	1/1/2007 07:16	10.17	45.918	29.62	9.26	8.09	18.7	3.18
939	1/1/2007 07:31	10.17	46.032	29.7	9.26	8.1	20.6	3.26
940	1/1/2007 07:46	10.23	46.333	29.92	9.25	8.1	19.6	3.35
941	1/1/2007 08:01	10.25	46.456	30.01	9.23	8.1	17.7	3.42
942	1/1/2007 08:16	10.27	46.597	30.11	9.21	8.1	14.0	3.49
943	1/1/2007 08:31	10.3	46.733	30.21	9.18	8.11	13.6	3.56
944	1/1/2007 08:46	10.31	46.762	30.23	9.15	8.11	13.1	3.60
945	1/1/2007 09:01	10.31	46.756	30.23	9.15	8.11	10.8	3.65
946	1/1/2007 09:16	10.32	46.841	30.29	9.14	8.11	9.5	3.67
947	1/1/2007 09:31	10.28	46.588	30.1	9.11	8.1	9.9	3.68
948	1/1/2007 09:46	10.32	46.698	30.18	9.11	8.11	9.4	3.67
949	1/1/2007 10:01	10.33	46.723	30.2	9.14	8.11	10.1	3.63
950	1/1/2007 10:16	10.08	44.935	28.91	9.24	8.09	9.2	3.58
951	1/1/2007 10:31	10.14	43.924	28.2	9.26	8.09	9.5	3.50
952	1/1/2007 10:46	10.08	43.693	28.03	9.21	8.09	13.8	3.40
953	1/1/2007 11:01	10.01	44.34	28.48	9.17	8.08	10.0	3.29
954	1/1/2007 11:16	9.85	42.958	27.5	9.23	8.07	11.9	3.17
955	1/1/2007 11:31	9.81	42.445	27.13	9.2	8.07	11.1	3.05
956	1/1/2007 11:46	9.8	42.438	27.13	9.22	8.07	12.9	2.91
957	1/1/2007 12:01	9.83	43.181	27.65	9.21	8.07	9.8	2.77
958	1/1/2007 12:16	9.77	44.677	28.71	9.17	8.07	10.5	2.65
959	1/1/2007 12:31	9.82	42.842	27.41	9.31	8.08	9.3	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
960	1/1/2007 12:46	10.07	43.838	28.13	9.36	8.09	7.3	2.38
961	1/1/2007 13:01	9.83	41.911	26.76	9.37	8.08	11.9	2.23
962	1/1/2007 13:16	9.85	41.583	26.53	9.47	8.08	10.4	2.09
963	1/1/2007 13:31	10.01	41.727	26.64	9.57	8.1	12.6	1.93
964	1/1/2007 13:46	9.97	41.55	26.51	9.63	8.1	13.7	1.79
965	1/1/2007 14:01	9.82	41.048	26.15	9.68	8.1	14.9	1.62
966	1/1/2007 14:16	9.88	42.036	26.85	9.73	8.11	16.8	1.45
967	1/1/2007 14:31	9.86	41.937	26.78	9.73	8.12	16.9	1.30
968	1/1/2007 14:46	9.73	41.66	26.58	9.76	8.12	15.4	1.16
969	1/1/2007 15:01	9.68	41.491	26.45	9.77	8.12	16.2	1.00
970	1/1/2007 15:16	9.69	41.309	26.33	9.82	8.12	16.3	0.86
971	1/1/2007 15:31	9.67	41.162	26.22	9.91	8.13	17.3	0.77
972	1/1/2007 15:46	9.66	41.097	26.18	9.94	8.13	17.0	0.66
973	1/1/2007 16:01	9.66	40.999	26.11	10.01	8.14	14.6	0.60
974	1/1/2007 16:16	9.69	40.833	25.99	10.02	8.14	13.3	0.60
975	1/1/2007 16:31	9.67	41.344	26.35	9.93	8.13	14.0	0.63
976	1/1/2007 16:46	9.65	41.845	26.7	9.79	8.12	13.7	0.71
977	1/1/2007 17:01	9.61	41.859	26.71	9.81	8.12	12.5	0.80
978	1/1/2007 17:16	9.58	41.836	26.69	9.76	8.12	13.5	0.86
979	1/1/2007 17:31	9.41	40.356	25.64	9.68	8.08	13.2	0.94
980	1/1/2007 17:46	9.49	39.281	24.9	9.72	8.09	14.3	1.00
981	1/1/2007 18:01	9.53	39.88	25.32	9.68	8.09	13.2	1.07
982	1/1/2007 18:16	9.52	39.639	25.15	9.65	8.09	12.7	1.14
983	1/1/2007 18:31	9.57	40.588	25.81	9.62	8.09	11.6	1.21
984	1/1/2007 18:46	9.56	40.2	25.54	9.63	8.09	11.0	1.29
985	1/1/2007 19:01	9.55	40.351	25.65	9.6	8.08	10.5	1.38
986	1/1/2007 19:16	9.58	40.611	25.83	9.54	8.08	11.9	1.49
987	1/1/2007 19:31	9.59	40.829	25.98	9.48	8.07	11.7	1.57
988	1/1/2007 19:46	9.56	40.525	25.77	9.45	8.07	11.2	1.69
989	1/1/2007 20:01	9.74	42.731	27.33	9.24	8.06	14.1	1.80
990	1/1/2007 20:16	9.74	42.539	27.19	9.25	8.06	15.0	1.89
991	1/1/2007 20:31	9.76	42.553	27.21	9.23	8.06	18.4	2.00
992	1/1/2007 20:46	9.77	42.642	27.27	9.22	8.06	22.6	2.10
993	1/1/2007 21:01	9.76	43.013	27.53	9.2	8.06	21.3	2.20
994	1/1/2007 21:16	9.8	43.396	27.8	9.17	8.06	24.2	2.30
995	1/1/2007 21:31	9.84	43.488	27.87	9.17	8.07	25.7	2.38
996	1/1/2007 21:46	9.84	43.647	27.98	9.17	8.07	23.5	2.47
997	1/1/2007 22:01	9.91	43.936	28.19	9.17	8.07	24.2	2.54
998	1/1/2007 22:16	10.02	44.54	28.63	9.19	8.08	22.6	2.62
999	1/1/2007 22:31	10.05	45.235	29.12	9.17	8.08	19.0	2.67
1000	1/1/2007 22:46	10.12	45.417	29.26	9.17	8.09	19.8	2.74
1001	1/1/2007 23:01	10.14	45.625	29.41	9.17	8.09	17.1	2.79
1002	1/1/2007 23:16	10.15	43.889	28.17	9.23	8.09	14.8	2.83
1003	1/1/2007 23:31	10.18	43.969	28.23	9.2	8.09	14.1	2.86
1004	1/1/2007 23:46	10.22	44.083	28.31	9.17	8.09	11.9	2.88
1005	1/2/2007 00:01	10.2	43.838	28.14	9.18	8.09	12.6	2.88
1006	1/2/2007 00:16	10.23	43.301	27.76	9.19	8.09	12.3	2.87
1007	1/2/2007 00:31	10.14	42.7	27.33	9.16	8.08	11.6	2.83

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
1008	1/2/2007 00:46	9.93	42.101	26.9	9.21	8.08	12.6	2.77
1009	1/2/2007 01:01	9.91	42.131	26.92	9.12	8.07	14.6	2.71
1010	1/2/2007 01:16	9.84	41.859	26.72	9.25	8.07	22.1	2.64
1011	1/2/2007 01:31	9.88	41.898	26.75	9.2	8.07	15.3	2.58
1012	1/2/2007 01:46	9.85	41.876	26.73	9.18	8.07	13.1	2.49
1013	1/2/2007 02:01	9.66	41.182	26.24	9.08	8.05	11.9	2.43
1014	1/2/2007 02:16	9.61	40.842	25.99	9.05	8.05	9.7	2.38
1015	1/2/2007 02:31	9.56	40.784	25.95	9.07	8.05	9.3	2.32
1016	1/2/2007 02:46	9.53	40.657	25.86	9.07	8.05	9.6	2.25
1017	1/2/2007 03:01	9.55	40.671	25.87	9.05	8.05	8.6	2.22
1018	1/2/2007 03:16	9.45	40.46	25.72	9.09	8.05	8.2	2.21
1019	1/2/2007 03:31	9.46	40.662	25.86	9.08	8.05	8.6	2.15
1020	1/2/2007 03:46	9.49	40.644	25.85	9.06	8.05	7.8	2.16
1021	1/2/2007 04:01	9.58	41.07	26.15	9.09	8.05	9.2	2.16
1022	1/2/2007 04:16	9.46	40.904	26.03	9.07	8.05	7.9	2.16
1023	1/2/2007 04:31	9.4	40.599	25.81	9.04	8.04	8.3	2.17
1024	1/2/2007 04:46	9.6	41.002	26.11	9.07	8.05	10.0	2.22
1025	1/2/2007 05:01	9.65	41.166	26.22	9.07	8.05	10.8	2.25
1026	1/2/2007 05:16	9.46	40.591	25.81	9.15	8.05	10.5	2.31
1027	1/2/2007 05:31	9.68	41.151	26.21	9.13	8.06	12.2	2.38
1028	1/2/2007 05:46	9.78	41.593	26.53	9.14	8.06	12.7	2.43
1029	1/2/2007 06:01	9.68	41.353	26.36	9.14	8.06	10.7	2.49
1030	1/2/2007 06:16	9.81	41.851	26.71	9.12	8.07	10.8	2.58
1031	1/2/2007 06:31	10.03	42.561	27.23	9.14	8.08	17.4	2.66
1032	1/2/2007 06:46	10.09	42.78	27.38	9.12	8.08	17.1	2.73
1033	1/2/2007 07:01	10.12	42.854	27.44	9.11	8.08	11.7	2.82
1034	1/2/2007 07:16	10.18	43.151	27.65	9.06	8.09	14.0	2.91
1035	1/2/2007 07:31	10.17	43.144	27.65	9.06	8.09	16.9	3.01
1036	1/2/2007 07:46	10.2	43.28	27.74	9.05	8.09	20.9	3.09
1037	1/2/2007 08:01	10.26	43.513	27.91	8.99	8.09	19.8	3.17
1038	1/2/2007 08:16	10.29	43.897	28.19	8.93	8.09	18.5	3.29
1039	1/2/2007 08:31	10.35	44.146	28.37	8.88	8.09	14.6	3.34
1040	1/2/2007 08:46	10.39	44.266	28.45	8.84	8.1	13.3	3.43
1041	1/2/2007 09:01	10.42	44.414	28.56	8.82	8.1	11.3	3.53
1042	1/2/2007 09:16	10.43	44.486	28.61	8.81	8.1	11.8	3.59
1043	1/2/2007 09:31	10.43	44.524	28.64	8.82	8.1	8.6	3.65
1044	1/2/2007 09:46	10.45	44.546	28.65	8.82	8.1	8.6	3.70
1045	1/2/2007 10:01	10.45	44.503	28.62	8.81	8.1	7.4	3.74
1046	1/2/2007 10:16	10.41	44.373	28.53	8.78	8.1	8.6	3.74
1047	1/2/2007 10:31	10.43	44.47	28.6	8.79	8.1	7.7	3.74
1048	1/2/2007 10:46	10.44	44.561	28.67	8.8	8.1	7.7	3.68
1049	1/2/2007 11:01	10.37	43.858	28.16	8.91	8.09	10.2	3.63
1050	1/2/2007 11:16	10.41	43.74	28.08	8.91	8.09	9.7	3.55
1051	1/2/2007 11:31	10.38	43.541	27.94	8.94	8.09	7.6	3.44
1052	1/2/2007 11:46	10.31	43.333	27.79	8.95	8.08	8.0	3.32
1053	1/2/2007 12:01	10.19	42.916	27.48	8.99	8.07	12.7	3.21
1054	1/2/2007 12:16	10.14	42.358	27.09	9.06	8.07	11.5	3.08
1055	1/2/2007 12:31	10.07	41.936	26.79	9.07	8.07	11.8	2.96

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
1056	1/2/2007 12:46	10.02	41.666	26.59	9.09	8.07	13.2	2.81
1057	1/2/2007 13:01	10.01	41.489	26.47	9.13	8.07	10.4	2.68
1058	1/2/2007 13:16	10.05	41.499	26.48	9.14	8.07	9.2	2.55
1059	1/2/2007 13:31	10.1	41.54	26.51	9.18	8.07	10.1	2.38
1060	1/2/2007 13:46	10.16	41.639	26.58	9.23	8.08	10.8	2.25
1061	1/2/2007 14:01	10.16	41.708	26.63	9.25	8.08	12.6	2.10
1062	1/2/2007 14:16	10.06	41.383	26.4	9.28	8.08	18.5	1.95
1063	1/2/2007 14:31	10.09	41.316	26.35	9.37	8.09	12.9	1.76
1064	1/2/2007 14:46	10	41.176	26.25	9.42	8.09	14.1	1.62
1065	1/2/2007 15:01	9.99	40.765	25.96	9.52	8.09	14.9	1.43
1066	1/2/2007 15:16	9.94	40.512	25.78	9.5	8.09	16.4	1.28
1067	1/2/2007 15:31	9.88	40.22	25.57	9.55	8.09	16.6	1.12
1068	1/2/2007 15:46	9.8	39.9	25.34	9.55	8.09	17.0	0.96
1069	1/2/2007 16:01	9.79	39.723	25.22	9.57	8.09	18.9	0.82
1070	1/2/2007 16:16	9.8	39.659	25.17	9.57	8.09	18.7	0.68
1071	1/2/2007 16:31	9.77	39.622	25.15	9.61	8.1	17.1	0.57
1072	1/2/2007 16:46	9.75	39.513	25.07	9.66	8.1	17.1	0.50
1073	1/2/2007 17:01	9.77	39.622	25.15	9.62	8.1	14.6	0.48
1074	1/2/2007 17:16	9.79	39.682	25.19	9.6	8.09	13.3	0.51
1075	1/2/2007 17:31	9.79	39.791	25.27	9.56	8.09	13.9	0.59
1076	1/2/2007 17:46	9.79	39.92	25.36	9.54	8.09	13.0	0.68
1077	1/2/2007 18:01	9.79	39.946	25.38	9.54	8.09	12.4	0.74
1078	1/2/2007 18:16	9.73	39.127	24.8	9.53	8.07	11.8	0.84
1079	1/2/2007 18:31	9.72	39.142	24.81	9.48	8.06	12.7	0.89
1080	1/2/2007 18:46	9.72	39.374	24.97	9.46	8.07	13.2	0.95
1081	1/2/2007 19:01	9.73	39.359	24.96	9.46	8.07	12.3	1.05
1082	1/2/2007 19:16	9.73	39.433	25.01	9.45	8.06	11.8	1.11
1083	1/2/2007 19:31	9.74	39.487	25.05	9.45	8.06	11.5	1.19
1084	1/2/2007 19:46	9.74	40.103	25.48	9.41	8.06	11.2	1.31
1085	1/2/2007 20:01	9.74	39.796	25.27	9.4	8.06	14.7	1.40
1086	1/2/2007 20:16	9.78	39.411	25	9.35	8.05	11.5	1.51
1087	1/2/2007 20:31	9.89	40.441	25.73	9.23	8.06	14.6	1.63
1088	1/2/2007 20:46	9.91	40.293	25.62	9.23	8.06	14.1	1.74
1089	1/2/2007 21:01	9.92	40.274	25.61	9.24	8.06	18.8	1.88
1090	1/2/2007 21:16	9.97	40.798	25.98	9.2	8.06	24.3	1.98
1091	1/2/2007 21:31	10	40.905	26.06	9.18	8.06	21.5	2.07
1092	1/2/2007 21:46	10.03	41.04	26.15	9.15	8.06	22.0	2.19
1093	1/2/2007 22:01	10.07	41.284	26.33	9.12	8.06	26.5	2.28
1094	1/2/2007 22:16	10.1	41.527	26.5	9.1	8.06	23.4	2.37
1095	1/2/2007 22:31	10.14	41.78	26.68	9.1	8.07	25.2	2.47
1096	1/2/2007 22:46	10.27	42.381	27.11	9.21	8.08	22.4	2.56
1097	1/2/2007 23:01	10.33	42.661	27.31	9.2	8.08	22.6	2.62
1098	1/2/2007 23:16	10.37	42.841	27.44	9.19	8.08	19.8	2.70
1099	1/2/2007 23:31	10.41	43.068	27.6	9.14	8.08	20.0	2.79
1100	1/2/2007 23:46	10.44	43.272	27.75	9.08	8.08	19.9	2.83
1101	1/3/2007 00:01	10.45	43.368	27.82	9.03	8.09	16.0	2.89
1102	1/3/2007 00:16	10.49	43.655	28.02	8.96	8.09	14.2	2.95
1103	1/3/2007 00:31	10.51	44.031	28.29	8.91	8.09	11.2	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
1104	1/3/2007 00:46	10.49	44.155	28.38	8.87	8.08	10.7	2.97
1105	1/3/2007 01:01	10.52	44.319	28.5	8.87	8.09	11.3	2.95
1106	1/3/2007 01:16	10.5	44.065	28.32	8.9	8.09	11.1	2.94
1107	1/3/2007 01:31	10.47	43.759	28.1	8.93	8.08	12.9	2.87
1108	1/3/2007 01:46	10.29	42.343	27.09	8.99	8.06	12.2	2.79
1109	1/3/2007 02:01	10.32	42.701	27.34	9.02	8.07	17.9	2.71
1110	1/3/2007 02:16	10.27	42.34	27.08	9.08	8.07	15.9	2.64
1111	1/3/2007 02:31	10.23	42.184	26.97	9.02	8.06	10.4	2.57
1112	1/3/2007 02:46	10.21	42.099	26.91	9.02	8.06	10.8	2.51
1113	1/3/2007 03:01	10.19	41.871	26.75	8.98	8.05	9.7	2.43
1114	1/3/2007 03:16	10.17	41.615	26.57	8.93	8.04	9.3	2.39
1115	1/3/2007 03:31	10.11	41.38	26.4	8.96	8.05	9.3	2.34
1116	1/3/2007 03:46	10.1	41.225	26.29	8.92	8.04	8.9	2.26
1117	1/3/2007 04:01	10.08	41.031	26.15	8.95	8.04	9.0	2.22
1118	1/3/2007 04:16	10.08	40.999	26.13	8.93	8.04	8.2	2.18
1119	1/3/2007 04:31	10.08	40.99	26.12	8.93	8.04	8.6	2.17
1120	1/3/2007 04:46	10.11	41.567	26.53	8.95	8.05	8.3	2.15
1121	1/3/2007 05:01	10.1	41.223	26.29	8.87	8.04	8.9	2.11
1122	1/3/2007 05:16	10.12	41.158	26.24	8.9	8.03	8.3	2.15
1123	1/3/2007 05:31	10.12	41.037	26.16	8.91	8.03	8.1	2.18
1124	1/3/2007 05:46	10.12	41.38	26.4	8.98	8.05	8.8	2.19
1125	1/3/2007 06:01	10.16	41.437	26.44	8.93	8.04	9.3	2.24
1126	1/3/2007 06:16	10.14	41.122	26.22	9.01	8.04	12.1	2.30
1127	1/3/2007 06:31	10.21	41.898	26.77	8.99	8.05	17.0	2.36
1128	1/3/2007 06:46	10.25	41.956	26.81	8.99	8.06	12.7	2.42
1129	1/3/2007 07:01	10.28	42.018	26.85	8.99	8.06	11.2	2.50
1130	1/3/2007 07:16	10.35	42.642	27.3	8.95	8.07	18.9	2.58
1131	1/3/2007 07:31	10.4	42.998	27.55	8.95	8.07	18.2	2.68
1132	1/3/2007 07:46	10.41	42.931	27.51	8.95	8.07	13.4	2.76
1133	1/3/2007 08:01	10.46	43.45	27.88	8.86	8.07	17.9	2.88
1134	1/3/2007 08:16	10.46	43.342	27.8	8.89	8.07	20.1	2.95
1135	1/3/2007 08:31	10.51	43.55	27.95	8.85	8.07	19.6	3.05
1136	1/3/2007 08:46	10.56	43.939	28.23	8.79	8.08	15.4	3.16
1137	1/3/2007 09:01	10.59	44.209	28.42	8.73	8.08	15.4	3.25
1138	1/3/2007 09:16	10.62	44.39	28.55	8.7	8.08	13.3	3.33
1139	1/3/2007 09:31	10.64	44.529	28.65	8.67	8.08	12.3	3.42
1140	1/3/2007 09:46	10.66	44.613	28.71	8.67	8.08	9.9	3.50
1141	1/3/2007 10:01	10.67	44.685	28.77	8.69	8.07	9.7	3.58
1142	1/3/2007 10:16	10.68	44.757	28.82	8.78	8.08	9.4	3.64
1143	1/3/2007 10:31	10.67	44.696	28.77	8.8	8.08	8.6	3.67
1144	1/3/2007 10:46	10.68	44.692	28.77	8.8	8.08	7.9	3.71
1145	1/3/2007 11:01	10.67	44.611	28.71	8.69	8.07	6.6	3.72
1146	1/3/2007 11:16	10.66	44.594	28.7	8.69	8.07	7.9	3.72
1147	1/3/2007 11:31	10.66	44.712	28.78	8.75	8.07	8.6	3.68
1148	1/3/2007 11:46	10.66	44.507	28.64	8.73	8.07	7.9	3.63
1149	1/3/2007 12:01	10.69	44.019	28.29	8.76	8.07	7.1	3.54
1150	1/3/2007 12:16	10.67	43.888	28.2	8.76	8.07	7.7	3.45
1151	1/3/2007 12:31	10.65	43.673	28.04	8.76	8.07	12.2	3.34

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
1152	1/3/2007 12:46	10.65	43.177	27.69	8.84	8.07	13.0	3.22
1153	1/3/2007 13:01	10.64	43.032	27.59	8.89	8.07	12.3	3.10
1154	1/3/2007 13:16	10.6	42.76	27.39	8.91	8.07	14.9	2.98
1155	1/3/2007 13:31	10.56	42.436	27.16	8.93	8.06	15.8	2.85
1156	1/3/2007 13:46	10.56	42.362	27.11	8.94	8.06	16.3	2.72
1157	1/3/2007 14:01	10.52	41.999	26.85	8.97	8.06	15.9	2.58
1158	1/3/2007 14:16	10.55	41.88	26.77	8.99	8.06	18.3	2.44
1159	1/3/2007 14:31	10.52	41.485	26.49	9.01	8.05	21.6	2.29
1160	1/3/2007 14:46	10.53	41.537	26.53	9	8.05	29.0	2.15
1161	1/3/2007 15:01	10.59	41.81	26.72	8.98	8.05	32.1	1.99
1162	1/3/2007 15:16	10.57	41.608	26.58	9	8.05	30.6	1.82
1163	1/3/2007 15:31	10.57	41.516	26.52	9	8.05	33.4	1.68
1164	1/3/2007 15:46	10.54	41.193	26.29	9.01	8.04	37.2	1.52
1165	1/3/2007 16:01	10.5	40.876	26.06	9.02	8.04	34.7	1.37
1166	1/3/2007 16:16	10.49	40.528	25.82	9.03	8.04	38.2	1.21
1167	1/3/2007 16:31	10.46	40.203	25.59	9.04	8.03	40.4	1.04
1168	1/3/2007 16:46	10.45	39.944	25.4	9.04	8.03	40.0	0.89
1169	1/3/2007 17:01	10.46	39.723	25.25	9.04	8.02	40.4	0.77
1170	1/3/2007 17:16	10.46	39.494	25.09	9.04	8.02	36.2	0.63
1171	1/3/2007 17:31	10.46	39.318	24.97	9.04	8.02	32.9	0.56
1172	1/3/2007 17:46	10.46	39.637	25.19	8.97	8.02	26.7	0.49
1173	1/3/2007 18:01	10.46	39.747	25.27	9.03	8.02	26.2	0.53
1174	1/3/2007 18:16	10.45	39.939	25.4	9.02	8.02	23.5	0.57
1175	1/3/2007 18:31	10.44	39.779	25.29	9.06	8.02	20.6	0.68
1176	1/3/2007 18:46	10.43	39.777	25.29	9.05	8.02	20.8	0.78
1177	1/3/2007 19:01	10.42	39.104	24.82	9.05	8.01	19.3	0.85
1178	1/3/2007 19:16	10.42	38.886	24.66	9.04	8	17.9	0.95
1179	1/3/2007 19:31	10.43	39.239	24.91	9.03	8.01	18.9	1.02
1180	1/3/2007 19:46	10.43	40.526	25.81	8.96	8.01	17.6	1.09
1181	1/3/2007 20:01	10.43	40.105	25.52	8.98	8.01	16.7	1.19
1182	1/3/2007 20:16	10.43	40.063	25.49	8.97	8.01	16.5	1.26
1183	1/3/2007 20:31	10.43	40.329	25.67	8.96	8.01	16.5	1.38
1184	1/3/2007 20:46	10.43	39.612	25.17	8.98	8.01	17.7	1.47
1185	1/3/2007 21:01	10.43	39.312	24.96	9	8.01	18.4	1.58
1186	1/3/2007 21:16	10.44	39.448	25.06	9.02	8.02	20.8	1.70
1187	1/3/2007 21:31	10.45	40.239	25.61	9.02	8.03	27.2	1.83
1188	1/3/2007 21:46	10.45	40.291	25.65	9.02	8.03	29.9	1.94
1189	1/3/2007 22:01	10.46	40.329	25.68	9.02	8.03	34.0	2.04
1190	1/3/2007 22:16	10.47	40.617	25.88	9	8.03	31.2	2.16
1191	1/3/2007 22:31	10.47	40.632	25.89	8.99	8.03	34.4	2.26
1192	1/3/2007 22:46	10.49	40.975	26.13	8.96	8.03	39.0	2.36
1193	1/3/2007 23:01	10.5	41.171	26.27	8.97	8.04	36.0	2.46
1194	1/3/2007 23:16	10.53	41.571	26.55	8.96	8.04	57.8	2.53
1195	1/3/2007 23:31	10.59	42.207	27	9.04	8.05	35.2	2.62
1196	1/3/2007 23:46	10.61	42.458	27.18	9.08	8.05	35.3	2.70
1197	1/4/2007 00:01	10.62	42.67	27.33	9.09	8.05	28.4	2.78
1198	1/4/2007 00:16	10.65	42.942	27.53	9.11	8.06	29.4	2.85
1199	1/4/2007 00:31	10.66	43.105	27.64	9.14	8.06	21.2	2.92

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
1200	1/4/2007 00:46	10.67	43.924	28.22	9.13	8.07	17.9	2.96
1201	1/4/2007 01:01	10.68	43.643	28.03	9.18	8.07	14.2	2.99
1202	1/4/2007 01:16	10.66	43.299	27.78	9.1	8.06	14.8	3.00
1203	1/4/2007 01:31	10.69	43.754	28.1	9.16	8.07	14.8	3.00
1204	1/4/2007 01:46	10.7	43.8	28.14	9.19	8.07	13.2	2.97
1205	1/4/2007 02:01	10.67	43.488	27.91	9.14	8.07	14.3	2.92
1206	1/4/2007 02:16	10.63	43.323	27.8	9.11	8.06	16.8	2.84
1207	1/4/2007 02:31	10.47	41.575	26.55	8.99	8.03	30.5	2.77
1208	1/4/2007 02:46	10.4	40.916	26.08	8.92	8.02	18.5	2.71
1209	1/4/2007 03:01	10.38	40.982	26.13	8.95	8.03	21.3	2.63
1210	1/4/2007 03:16	10.39	41.291	26.35	8.86	8.02	14.8	2.53
1211	1/4/2007 03:31	10.34	40.672	25.91	8.84	8.01	12.1	2.48
1212	1/4/2007 03:46	10.29	39.936	25.39	8.86	8.01	12.8	2.40
1213	1/4/2007 04:01	10.34	40.341	25.68	8.85	8.01	14.1	2.34
1214	1/4/2007 04:16	10.39	41.443	26.46	8.82	8.02	15.4	2.29
1215	1/4/2007 04:31	10.39	41.212	26.29	8.82	8.02	18.1	2.22
1216	1/4/2007 04:46	10.35	41.46	26.46	8.74	8.01	13.9	2.17
1217	1/4/2007 05:01	10.32	41.193	26.28	8.69	8.01	12.2	2.14
1218	1/4/2007 05:16	10.27	40.617	25.87	8.71	8	13.0	2.10
1219	1/4/2007 05:31	10.28	40.519	25.8	8.69	8	6.9	2.09
1220	1/4/2007 05:46	10.26	40.479	25.77	8.74	8	11.4	2.08
1221	1/4/2007 06:01	10.25	40.534	25.81	8.77	8	13.4	2.08
1222	1/4/2007 06:16	10.29	39.969	25.42	8.83	8	13.0	2.10
1223	1/4/2007 06:31	10.29	39.917	25.38	8.84	8	12.8	2.13
1224	1/4/2007 06:46	10.38	40.522	25.81	8.83	8.01	15.0	2.18
1225	1/4/2007 07:01	10.37	40.471	25.77	8.84	8.01	20.9	2.23
1226	1/4/2007 07:16	10.36	40.73	25.95	8.85	8.01	23.9	2.28
1227	1/4/2007 07:31	10.42	41.863	26.75	8.84	8.02	17.7	2.36
1228	1/4/2007 07:46	10.44	41.94	26.81	8.88	8.03	18.0	2.44
1229	1/4/2007 08:01	10.4	41.505	26.5	8.91	8.02	17.0	2.53
1230	1/4/2007 08:16	10.45	41.726	26.66	8.98	8.03	17.6	2.60
1231	1/4/2007 08:31	10.43	41.603	26.57	9.02	8.04	17.8	2.71
1232	1/4/2007 08:46	10.53	42.703	27.35	9.02	8.05	25.1	2.82
1233	1/4/2007 09:01	10.59	43.208	27.71	9.09	8.06	31.1	2.91
1234	1/4/2007 09:16	10.6	43.464	27.89	9.11	8.06	28.6	3.01
1235	1/4/2007 09:31	10.61	43.579	27.98	9.14	8.07	27.0	3.09
1236	1/4/2007 09:46	10.61	43.446	27.88	9.16	8.07	30.4	3.20
1237	1/4/2007 10:01	10.61	43.585	27.98	9.2	8.08	27.0	3.26
1238	1/4/2007 10:16	10.61	43.77	28.11	9.22	8.08	27.0	3.36
1239	1/4/2007 10:31	10.62	43.893	28.2	9.22	8.09	23.5	3.45
1240	1/4/2007 10:46	10.62	43.898	28.2	9.23	8.09	17.4	3.49
1241	1/4/2007 11:01	10.62	44.055	28.31	9.23	8.09	14.9	3.55
1242	1/4/2007 11:16	10.63	44.166	28.39	9.21	8.09	14.8	3.58
1243	1/4/2007 11:31	10.62	44.278	28.47	9.18	8.09	10.7	3.61
1244	1/4/2007 11:46	10.62	44.243	28.45	9.16	8.09	11.5	3.65
1245	1/4/2007 12:01	10.62	44.5	28.63	9.15	8.09	14.8	3.59
1246	1/4/2007 12:16	10.6	44.598	28.7	9.15	8.09	15.7	3.58
1247	1/4/2007 12:31	10.46	43.907	28.2	9.19	8.08	19.7	3.56

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
1248	1/4/2007 12:46	10.46	43.949	28.23	9.18	8.08	16.1	3.45
1249	1/4/2007 13:01	10.36	42.946	27.52	9.2	8.06	23.7	3.36
1250	1/4/2007 13:16	10.34	42.848	27.44	9.14	8.05	23.2	3.29
1251	1/4/2007 13:31	10.29	42.17	26.96	9.12	8.04	26.0	3.17
1252	1/4/2007 13:46	10.3	41.968	26.82	9.08	8.03	27.4	3.02
1253	1/4/2007 14:01	10.3	41.737	26.66	9.05	8.03	26.5	2.92
1254	1/4/2007 14:16	10.26	41.287	26.34	9.05	8.02	26.4	2.81
1255	1/4/2007 14:31	10.25	40.911	26.07	9.06	8.01	29.0	2.67
1256	1/4/2007 14:46	10.24	40.905	26.07	9.05	8.01	27.3	2.53
1257	1/4/2007 15:01	10.33	42.073	26.9	9.09	8.04	25.5	2.39
1258	1/4/2007 15:16	10.27	42.048	26.88	9.11	8.04	30.2	2.26
1259	1/4/2007 15:31	10.19	41.617	26.57	9.15	8.03	38.6	2.10
1260	1/4/2007 15:46	10.17	41.515	26.5	9.09	8.02	49.1	1.98
1261	1/4/2007 16:01	10.08	41.15	26.23	9.12	8.02	61.8	1.79
1262	1/4/2007 16:16	10.07	41.246	26.3	9.14	8.02	74.4	1.65
1263	1/4/2007 16:31	10	41.051	26.16	9.16	8.02	97.0	1.50
1264	1/4/2007 16:46	9.9	40.802	25.98	9.18	8.02	108.4	1.32
1265	1/4/2007 17:01	9.88	40.144	25.52	9.15	8.01	108.2	1.16
1266	1/4/2007 17:16	9.87	39.608	25.14	9.14	8	94.2	0.99
1267	1/4/2007 17:31	9.72	38.932	24.66	9.17	7.98	93.7	0.87
1268	1/4/2007 17:46	9.66	38.831	24.59	9.19	7.97	81.8	0.73
1269	1/4/2007 18:01	9.56	38.476	24.34	9.22	7.97	64.8	0.62
1270	1/4/2007 18:16	9.44	38.399	24.28	9.21	7.97	61.9	0.57
1271	1/4/2007 18:31	9.56	38.588	24.42	9.2	7.97	50.2	0.55
1272	1/4/2007 18:46	9.67	38.801	24.57	9.15	7.98	43.9	0.59
1273	1/4/2007 19:01	9.66	39.013	24.72	9.16	7.98	44.2	0.63
1274	1/4/2007 19:16	9.6	38.659	24.47	9.21	7.97	42.3	0.72
1275	1/4/2007 19:31	9.6	38.687	24.49	9.18	7.97	46.6	0.77
1276	1/4/2007 19:46	9.67	38.833	24.59	9.15	7.97	36.8	0.85
1277	1/4/2007 20:01	9.59	38.051	24.04	9.21	7.97	38.6	0.92
1278	1/4/2007 20:16	9.62	36.963	23.29	9.24	7.96	32.4	1.00
1279	1/4/2007 20:31	9.65	37.177	23.44	9.2	7.95	31.0	1.09
1280	1/4/2007 20:46	9.71	37.639	23.76	9.16	7.96	31.9	1.18
1281	1/4/2007 21:01	9.73	37.391	23.59	9.17	7.96	28.9	1.27
1282	1/4/2007 21:16	9.83	38.251	24.19	9.11	7.97	29.3	1.39
1283	1/4/2007 21:31	9.92	38.19	24.16	9.11	7.98	27.7	1.50
1284	1/4/2007 21:46	9.91	37.38	23.59	9.16	7.98	24.0	1.61
1285	1/4/2007 22:01	9.87	37.112	23.41	9.2	7.98	23.7	1.75
1286	1/4/2007 22:16	9.88	37.346	23.57	9.2	7.98	26.0	1.86
1287	1/4/2007 22:31	9.89	37.597	23.74	9.21	7.99	25.7	1.97
1288	1/4/2007 22:46	9.99	38.685	24.5	9.13	7.99	29.2	2.08
1289	1/4/2007 23:01	10.04	39.212	24.87	9.12	8	36.5	2.18
1290	1/4/2007 23:16	10.01	38.934	24.68	9.15	8.01	36.4	2.29
1291	1/4/2007 23:31	9.99	38.936	24.68	9.14	8	40.2	2.39
1292	1/4/2007 23:46	10.02	39.312	24.94	9.14	8.01	67.7	2.48
1293	1/5/2007 00:01	10.08	39.642	25.18	9.22	8.02	73.2	2.56
1294	1/5/2007 00:16	10.07	40.121	25.51	9.38	8.03	67.3	2.64
1295	1/5/2007 00:31	10.04	40.385	25.69	9.52	8.04	50.0	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
1296	1/5/2007 00:46	10.05	40.872	26.04	9.62	8.05	71.5	2.77
1297	1/5/2007 01:01	10.07	41.308	26.34	9.66	8.06	48.5	2.83
1298	1/5/2007 01:16	10.09	41.736	26.65	9.68	8.07	37.9	2.88
1299	1/5/2007 01:31	10.11	41.95	26.8	9.7	8.07	22.5	2.91
1300	1/5/2007 01:46	10.12	41.971	26.81	9.65	8.07	15.8	2.95
1301	1/5/2007 02:01	10.12	42.427	27.14	9.58	8.07	13.2	2.94
1302	1/5/2007 02:16	10.13	42.585	27.25	9.62	8.07	17.1	2.93
1303	1/5/2007 02:31	10.12	42.502	27.19	9.62	8.06	20.9	2.89
1304	1/5/2007 02:46	10.07	41.874	26.74	9.59	8.05	24.2	2.85
1305	1/5/2007 03:01	9.86	40.71	25.91	9.51	8.04	46.9	2.76
1306	1/5/2007 03:16	9.91	40.732	25.93	9.42	8.03	53.3	2.69
1307	1/5/2007 03:31	9.95	40.975	26.1	9.48	8.04	36.9	2.62
1308	1/5/2007 03:46	9.7	39.958	25.38	9.31	8.01	33.0	2.53
1309	1/5/2007 04:01	9.54	39.6	25.12	9.18	8	25.3	2.47
1310	1/5/2007 04:16	9.15	39.158	24.79	9.01	7.97	16.2	2.42
1311	1/5/2007 04:31	9.21	38.872	24.6	9.04	7.98	17.4	2.34
1312	1/5/2007 04:46	9.18	39.089	24.75	9.03	7.98	16.5	2.26
1313	1/5/2007 05:01	9.23	38.57	24.39	9.05	7.98	17.2	2.21
1314	1/5/2007 05:16	9.25	39.043	24.72	8.98	7.98	15.3	2.15
1315	1/5/2007 05:31	9.43	39.73	25.21	8.98	7.99	16.6	2.09
1316	1/5/2007 05:46	8.86	38.212	24.12	9.02	7.96	13.6	2.06
1317	1/5/2007 06:01	9.2	38.886	24.61	8.94	7.97	8.7	2.02
1318	1/5/2007 06:16	8.99	38.132	24.07	9.06	7.97	15.0	1.97
1319	1/5/2007 06:31	9	38.331	24.21	9.05	7.97	14.4	1.99
1320	1/5/2007 06:46	9	38.283	24.18	9.06	7.97	13.7	1.99
1321	1/5/2007 07:01	8.84	38.162	24.08	9.07	7.96	14.6	2.01
1322	1/5/2007 07:16	9.41	38.532	24.37	9.06	7.98	18.0	2.05
1323	1/5/2007 07:31	9.29	37.979	23.98	9.09	7.98	18.7	2.11
1324	1/5/2007 07:46	9.13	37.49	23.63	9.13	7.97	22.9	2.15
1325	1/5/2007 08:01	9.25	37.711	23.79	9.13	7.98	22.3	2.23
1326	1/5/2007 08:16	9.36	37.678	23.77	9.19	7.98	21.0	2.31
1327	1/5/2007 08:31	9.41	37.889	23.92	9.23	7.99	18.1	2.39
1328	1/5/2007 08:46	9.47	38.137	24.1	9.31	8	19.3	2.46
1329	1/5/2007 09:01	9.54	38.541	24.38	9.36	8.01	19.7	2.55
1330	1/5/2007 09:16	9.5	38.377	24.27	9.39	8.01	14.9	2.65
1331	1/5/2007 09:31	9.51	38.819	24.57	9.47	8.02	16.5	2.72
1332	1/5/2007 09:46	9.44	38.57	24.4	9.5	8.02	17.8	2.81
1333	1/5/2007 10:01	9.55	38.959	24.67	9.57	8.04	19.1	2.90
1334	1/5/2007 10:16	9.76	40.124	25.5	9.63	8.05	20.6	2.97
1335	1/5/2007 10:31	9.8	40.426	25.71	9.67	8.06	15.7	3.06
1336	1/5/2007 10:46	9.96	41.686	26.61	9.68	8.07	31.5	3.14
1337	1/5/2007 11:01	9.97	42.059	26.87	9.72	8.08	28.8	3.20
1338	1/5/2007 11:16	9.97	42.232	26.99	9.74	8.08	26.5	3.29
1339	1/5/2007 11:31	10	42.451	27.15	9.72	8.09	25.1	3.36
1340	1/5/2007 11:46	10.01	42.611	27.26	9.7	8.09	18.3	3.41
1341	1/5/2007 12:01	10.02	42.837	27.42	9.7	8.09	13.8	3.43
1342	1/5/2007 12:16	10.03	43.233	27.7	9.64	8.09	11.9	3.43
Mean		10.00	42.68	27.32	9.06	8.06	16.2	1.94

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.	0.64	2.78	1.99	0.31	0.04	14.1	0.80

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

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	1/5/2007 12:46	10.05	46.672	30.15	9.82	7.92	12.8	3.41
1	1/5/2007 13:01	10.05	46.741	30.2	9.78	7.93	11.6	3.37
2	1/5/2007 13:16	10.02	46.116	29.75	9.8	7.93	13.5	3.31
3	1/5/2007 13:31	9.98	45.206	29.1	9.75	7.92	14.7	3.24
4	1/5/2007 13:46	9.93	43.979	28.22	9.7	7.91	22.4	3.15
5	1/5/2007 14:01	9.99	44.362	28.5	9.73	7.92	33.9	3.06
6	1/5/2007 14:16	10	43.891	28.17	9.69	7.91	30.9	2.94
7	1/5/2007 14:31	10	43.332	27.77	9.69	7.9	15.2	2.83
8	1/5/2007 14:46	9.96	43.405	27.82	9.65	7.9	13.3	2.72
9	1/5/2007 15:01	9.95	43.772	28.08	9.65	7.91	11.1	2.60
10	1/5/2007 15:16	9.92	43.128	27.62	9.62	7.9	18.5	2.46
11	1/5/2007 15:31	9.91	42.928	27.48	9.62	7.9	20.1	2.35
12	1/5/2007 15:46	9.87	42.658	27.29	9.67	7.9	19.5	2.22
13	1/5/2007 16:01	9.68	41.706	26.6	9.54	7.87	22.1	2.07
14	1/5/2007 16:16	9.69	42.216	26.96	9.61	7.89	17.5	1.94
15	1/5/2007 16:31	9.52	41.853	26.7	9.57	7.88	20.8	1.78
16	1/5/2007 16:46	9.5	41.911	26.74	9.59	7.89	19.9	1.63
17	1/5/2007 17:01	9.47	41.965	26.77	9.54	7.88	20.5	1.49
18	1/5/2007 17:16	9.39	41.751	26.62	9.51	7.87	21.2	1.34
19	1/5/2007 17:31	9.3	41.477	26.42	9.47	7.86	22.9	1.19
20	1/5/2007 17:46	9.24	41.231	26.25	9.44	7.86	23.1	1.04
21	1/5/2007 18:01	9.12	41.026	26.1	9.44	7.85	35.0	0.92
22	1/5/2007 18:16	8.99	40.744	25.89	9.45	7.85	25.2	0.80
23	1/5/2007 18:31	8.85	40.565	25.76	9.46	7.84	21.6	0.70
24	1/5/2007 18:46	8.85	40.593	25.78	9.44	7.84	18.5	0.62
25	1/5/2007 19:01	8.79	40.537	25.73	9.46	7.84	15.8	0.57
26	1/5/2007 19:16	8.82	40.626	25.8	9.44	7.84	19.0	0.58
27	1/5/2007 19:31	8.89	40.699	25.85	9.43	7.84	18.6	0.63
28	1/5/2007 19:46	8.92	40.775	25.91	9.46	7.84	15.2	0.68
29	1/5/2007 20:01	8.97	40.869	25.98	9.44	7.84	15.4	0.77
30	1/5/2007 20:16	8.9	39.144	24.77	9.55	7.83	15.4	0.85
31	1/5/2007 20:31	9.04	40.742	25.89	9.42	7.83	14.7	0.91
32	1/5/2007 20:46	9.03	40.493	25.72	9.43	7.84	14.3	0.99
33	1/5/2007 21:01	9.07	40.516	25.74	9.46	7.84	14.4	1.06
34	1/5/2007 21:16	9.13	40.695	25.86	9.42	7.84	14.0	1.14
35	1/5/2007 21:31	9.12	39.901	25.31	9.5	7.83	13.9	1.22
36	1/5/2007 21:46	9.16	40.093	25.45	9.49	7.83	13.7	1.33
37	1/5/2007 22:01	9.21	40.361	25.63	9.49	7.83	14.1	1.41
38	1/5/2007 22:16	9.22	40.083	25.44	9.53	7.83	15.3	1.53
39	1/5/2007 22:31	9.3	40.086	25.45	9.54	7.84	14.9	1.65
40	1/5/2007 22:46	9.25	39.704	25.18	9.58	7.84	15.2	1.76
41	1/5/2007 23:01	9.21	39.334	24.92	9.63	7.83	15.8	1.88
42	1/5/2007 23:16	9.36	41.255	26.27	9.54	7.85	22.8	1.99
43	1/5/2007 23:31	9.55	42.19	26.94	9.5	7.86	29.2	2.09
44	1/5/2007 23:46	9.58	42.263	26.99	9.51	7.86	32.7	2.19
45	1/6/2007 00:01	9.6	42.25	26.98	9.53	7.87	35.2	2.28
46	1/6/2007 00:16	9.65	42.583	27.22	9.55	7.87	37.6	2.37
47	1/6/2007 00:31	9.64	42.6	27.23	9.62	7.88	52.7	2.45

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	1/6/2007 00:46	9.71	43.207	27.67	9.66	7.89	65.7	2.52
49	1/6/2007 01:01	9.74	43.904	28.16	9.79	7.89	63.9	2.60
50	1/6/2007 01:16	9.74	44.411	28.52	9.91	7.9	66.0	2.68
51	1/6/2007 01:31	9.76	44.743	28.76	9.95	7.91	38.7	2.74
52	1/6/2007 01:46	9.82	45.429	29.25	9.91	7.91	34.9	2.80
53	1/6/2007 02:01	9.84	45.795	29.51	9.92	7.92	23.7	2.85
54	1/6/2007 02:16	9.87	46.117	29.74	9.89	7.92	22.8	2.87
55	1/6/2007 02:31	9.9	46.346	29.91	9.86	7.92	16.3	2.90
56	1/6/2007 02:46	9.88	46.157	29.77	9.86	7.92	14.2	2.89
57	1/6/2007 03:01	9.89	46.156	29.77	9.86	7.92	14.1	2.87
58	1/6/2007 03:16	9.9	46.269	29.85	9.88	7.92	14.7	2.84
59	1/6/2007 03:31	9.87	45.994	29.65	9.87	7.92	21.6	2.78
60	1/6/2007 03:46	9.79	45.242	29.11	9.87	7.91	41.0	2.70
61	1/6/2007 04:01	9.66	44.317	28.45	9.85	7.91	39.7	2.63
62	1/6/2007 04:16	9.63	43.857	28.12	9.77	7.9	30.5	2.55
63	1/6/2007 04:31	9.56	43.326	27.74	9.65	7.88	25.7	2.46
64	1/6/2007 04:46	9.34	42.475	27.13	9.43	7.85	16.3	2.40
65	1/6/2007 05:01	9.22	42.104	26.86	9.39	7.84	13.4	2.32
66	1/6/2007 05:16	9.23	41.9	26.72	9.42	7.84	14.7	2.25
67	1/6/2007 05:31	9.14	41.628	26.52	9.41	7.83	12.4	2.18
68	1/6/2007 05:46	9.12	41.265	26.26	9.38	7.83	12.8	2.10
69	1/6/2007 06:01	9.13	41.268	26.27	9.37	7.82	12.6	2.04
70	1/6/2007 06:16	9.09	41.238	26.24	9.37	7.82	11.4	2.00
71	1/6/2007 06:31	9.12	41.244	26.25	9.39	7.83	11.2	1.95
72	1/6/2007 06:46	9.12	41.331	26.31	9.36	7.82	11.1	1.89
73	1/6/2007 07:01	9.16	41.409	26.37	9.35	7.83	11.9	1.89
74	1/6/2007 07:16	9.24	41.59	26.5	9.41	7.84	11.4	1.88
75	1/6/2007 07:31	9.21	41.502	26.44	9.38	7.83	10.8	1.87
76	1/6/2007 07:46	8.97	40.696	25.86	9.42	7.82	9.3	1.91
77	1/6/2007 08:01	9.11	41.255	26.26	9.38	7.83	13.4	1.93
78	1/6/2007 08:16	9.24	41.51	26.44	9.44	7.84	12.3	1.99
79	1/6/2007 08:31	9.12	41.12	26.16	9.43	7.83	13.0	2.05
80	1/6/2007 08:46	9.11	41.054	26.12	9.45	7.83	17.6	2.10
81	1/6/2007 09:01	9.29	41.717	26.59	9.5	7.85	14.4	2.15
82	1/6/2007 09:16	9.28	41.921	26.73	9.5	7.85	14.6	2.26
83	1/6/2007 09:31	9.39	42.513	27.16	9.56	7.86	13.5	2.33
84	1/6/2007 09:46	9.37	42.367	27.05	9.59	7.86	12.5	2.40
85	1/6/2007 10:01	9.4	42.706	27.29	9.6	7.86	13.6	2.47
86	1/6/2007 10:16	9.48	43.162	27.62	9.66	7.87	13.8	2.55
87	1/6/2007 10:31	9.52	43.228	27.67	9.67	7.87	16.4	2.61
88	1/6/2007 10:46	9.58	43.56	27.91	9.71	7.88	13.3	2.70
89	1/6/2007 11:01	9.61	43.506	27.87	9.77	7.88	11.0	2.79
90	1/6/2007 11:16	9.72	44.606	28.66	9.76	7.89	12.6	2.87
91	1/6/2007 11:31	9.79	44.987	28.93	9.8	7.9	14.5	2.94
92	1/6/2007 11:46	9.88	45.935	29.61	9.77	7.91	14.3	3.01
93	1/6/2007 12:01	9.93	46.744	30.19	9.77	7.91	20.2	3.11
94	1/6/2007 12:16	9.95	46.91	30.31	9.76	7.92	23.2	3.10
95	1/6/2007 12:31	9.98	47.078	30.44	9.74	7.92	18.8	3.14

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	1/6/2007 12:46	9.99	47.111	30.46	9.73	7.92	15.0	3.21
97	1/6/2007 13:01	10.02	47.398	30.67	9.71	7.92	13.9	3.24
98	1/6/2007 13:16	9.99	47.181	30.51	9.7	7.92	12.7	3.24
99	1/6/2007 13:31	10.02	47.363	30.64	9.68	7.92	12.1	3.26
100	1/6/2007 13:46	10	47.245	30.56	9.7	7.92	12.8	3.20
101	1/6/2007 14:01	9.92	46.34	29.9	9.71	7.91	16.7	3.18
102	1/6/2007 14:16	9.9	45.777	29.5	9.69	7.91	14.4	3.08
103	1/6/2007 14:31	9.9	45.966	29.64	9.71	7.91	25.7	3.01
104	1/6/2007 14:46	9.89	44.871	28.86	9.72	7.9	25.2	2.96
105	1/6/2007 15:01	9.97	44.698	28.74	9.78	7.9	13.8	2.83
106	1/6/2007 15:16	9.81	44.353	28.48	9.7	7.89	19.0	2.74
107	1/6/2007 15:31	9.81	43.723	28.04	9.71	7.88	12.1	2.64
108	1/6/2007 15:46	9.74	43.239	27.69	9.7	7.88	16.3	2.53
109	1/6/2007 16:01	9.88	43.714	28.03	9.77	7.9	10.2	2.45
110	1/6/2007 16:16	9.82	43.445	27.84	9.75	7.89	10.6	2.32
111	1/6/2007 16:31	9.74	42.979	27.51	9.72	7.89	11.9	2.19
112	1/6/2007 16:46	9.6	42.377	27.07	9.65	7.88	13.0	2.07
113	1/6/2007 17:01	9.59	42.437	27.11	9.65	7.88	13.0	1.94
114	1/6/2007 17:16	9.42	41.862	26.7	9.62	7.87	14.0	1.82
115	1/6/2007 17:31	9.35	41.724	26.6	9.61	7.87	14.1	1.70
116	1/6/2007 17:46	9.3	41.553	26.48	9.59	7.86	16.2	1.55
117	1/6/2007 18:01	9.29	41.432	26.39	9.56	7.86	15.6	1.39
118	1/6/2007 18:16	9.24	41.212	26.23	9.55	7.85	15.6	1.27
119	1/6/2007 18:31	9.17	40.845	25.97	9.55	7.85	15.2	1.15
120	1/6/2007 18:46	9.11	40.527	25.75	9.55	7.84	21.6	1.02
121	1/6/2007 19:01	9.08	40.313	25.59	9.56	7.84	17.6	0.93
122	1/6/2007 19:16	9.04	40.174	25.49	9.55	7.83	15.6	0.83
123	1/6/2007 19:31	9.06	40.123	25.46	9.54	7.83	13.5	0.76
124	1/6/2007 19:46	9	40.047	25.4	9.54	7.83	12.9	0.72
125	1/6/2007 20:01	9.02	40.16	25.48	9.49	7.82	11.7	0.71
126	1/6/2007 20:16	9.08	40.319	25.6	9.51	7.83	13.8	0.77
127	1/6/2007 20:31	9.12	40.539	25.75	9.52	7.83	13.5	0.84
128	1/6/2007 20:46	9.13	40.598	25.8	9.5	7.83	13.6	0.91
129	1/6/2007 21:01	8.99	39.078	24.73	9.63	7.82	11.8	1.01
130	1/6/2007 21:16	9.08	39.547	25.06	9.58	7.82	12.7	1.10
131	1/6/2007 21:31	9.13	39.905	25.31	9.58	7.82	12.4	1.16
132	1/6/2007 21:46	9.13	39.863	25.28	9.58	7.82	12.6	1.23
133	1/6/2007 22:01	9.16	40.05	25.42	9.57	7.82	11.8	1.32
134	1/6/2007 22:16	9.18	40.304	25.59	9.55	7.82	11.0	1.42
135	1/6/2007 22:31	9.18	40.113	25.46	9.57	7.82	11.3	1.48
136	1/6/2007 22:46	9.22	40.424	25.68	9.58	7.83	10.7	1.56
137	1/6/2007 23:01	9.26	40.451	25.7	9.61	7.83	12.0	1.70
138	1/6/2007 23:16	9.24	39.945	25.35	9.66	7.83	11.6	1.79
139	1/6/2007 23:31	9.32	40.076	25.44	9.66	7.84	11.6	1.87
140	1/6/2007 23:46	9.47	42.063	26.84	9.59	7.85	14.9	1.99
141	1/7/2007 00:01	9.5	42.206	26.95	9.61	7.86	18.5	2.10
142	1/7/2007 00:16	9.54	42.615	27.24	9.6	7.86	17.1	2.18
143	1/7/2007 00:31	9.58	42.845	27.4	9.61	7.86	21.2	2.28

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	1/7/2007 00:46	9.61	42.94	27.47	9.62	7.87	25.5	2.37
145	1/7/2007 01:01	9.67	43.349	27.76	9.64	7.87	29.1	2.46
146	1/7/2007 01:16	9.72	43.643	27.97	9.67	7.88	33.5	2.52
147	1/7/2007 01:31	9.79	44.186	28.36	9.71	7.88	38.9	2.59
148	1/7/2007 01:46	9.86	44.799	28.8	9.89	7.89	38.6	2.66
149	1/7/2007 02:01	9.93	45.326	29.18	9.99	7.9	40.7	2.74
150	1/7/2007 02:16	9.99	45.791	29.52	10.06	7.91	28.2	2.78
151	1/7/2007 02:31	10.04	46.161	29.78	10.08	7.92	21.4	2.82
152	1/7/2007 02:46	10.09	46.453	30	10.1	7.92	17.9	2.87
153	1/7/2007 03:01	10.13	46.707	30.18	10.08	7.93	14.6	2.89
154	1/7/2007 03:16	10.08	46.419	29.97	10.05	7.92	11.0	2.90
155	1/7/2007 03:31	10.06	46.295	29.88	10.02	7.92	12.5	2.86
156	1/7/2007 03:46	10.07	46.311	29.89	10.05	7.92	12.1	2.84
157	1/7/2007 04:01	10.03	46.055	29.71	10.02	7.91	15.4	2.79
158	1/7/2007 04:16	10.01	45.937	29.62	10	7.91	15.1	2.71
159	1/7/2007 04:31	9.9	45.236	29.12	9.89	7.9	28.8	2.65
160	1/7/2007 04:46	9.72	43.944	28.19	9.7	7.88	25.6	2.60
161	1/7/2007 05:01	9.71	43.889	28.15	9.68	7.88	19.7	2.50
162	1/7/2007 05:16	9.47	42.641	27.25	9.41	7.84	11.6	2.41
163	1/7/2007 05:31	9.5	42.724	27.31	9.44	7.85	10.7	2.36
164	1/7/2007 05:46	9.4	42.284	27	9.4	7.84	9.8	2.29
165	1/7/2007 06:01	9.35	41.986	26.78	9.42	7.83	9.9	2.20
166	1/7/2007 06:16	9.3	41.732	26.6	9.42	7.83	10.2	2.16
167	1/7/2007 06:31	9.27	41.475	26.42	9.39	7.83	10.2	2.10
168	1/7/2007 06:46	9.25	41.219	26.24	9.4	7.82	9.8	2.01
169	1/7/2007 07:01	9.26	41.387	26.36	9.37	7.82	10.0	1.97
170	1/7/2007 07:16	9.27	41.489	26.43	9.35	7.82	10.2	1.91
171	1/7/2007 07:31	9.23	41.202	26.23	9.32	7.81	8.5	1.92
172	1/7/2007 07:46	9.34	41.706	26.59	9.39	7.83	9.6	1.87
173	1/7/2007 08:01	9.37	41.805	26.66	9.39	7.83	9.6	1.86
174	1/7/2007 08:16	9.22	41.116	26.16	9.37	7.82	8.9	1.86
175	1/7/2007 08:31	9.17	41.036	26.11	9.36	7.81	8.5	1.85
176	1/7/2007 08:46	9.17	41.14	26.18	9.39	7.81	9.1	1.89
177	1/7/2007 09:01	9.3	41.541	26.47	9.42	7.83	9.2	1.97
178	1/7/2007 09:16	9.27	41.379	26.35	9.41	7.83	9.7	1.95
179	1/7/2007 09:31	9.25	41.281	26.28	9.44	7.82	9.7	2.05
180	1/7/2007 09:46	9.32	41.701	26.58	9.46	7.83	12.2	2.11
181	1/7/2007 10:01	9.41	42.012	26.8	9.52	7.84	10.3	2.16
182	1/7/2007 10:16	9.45	42.162	26.91	9.55	7.85	10.5	2.24
183	1/7/2007 10:31	9.52	42.791	27.36	9.56	7.85	9.8	2.30
184	1/7/2007 10:46	9.59	43.139	27.61	9.62	7.86	9.2	2.37
185	1/7/2007 11:01	9.62	43.304	27.73	9.66	7.87	9.3	2.45
186	1/7/2007 11:16	9.66	43.562	27.91	9.69	7.87	9.4	2.51
187	1/7/2007 11:31	9.79	44.413	28.52	9.76	7.89	9.9	2.57
188	1/7/2007 11:46	9.77	43.726	28.04	9.74	7.88	13.5	2.62
189	1/7/2007 12:01	9.87	44.065	28.28	9.76	7.88	10.7	2.69
190	1/7/2007 12:16	9.96	44.862	28.85	9.83	7.9	9.6	2.73
191	1/7/2007 12:31	10.08	45.245	29.13	9.88	7.91	9.2	2.82

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	1/7/2007 12:46	10.16	45.517	29.33	9.91	7.91	8.8	2.85
193	1/7/2007 13:01	10.19	45.774	29.52	9.93	7.92	8.8	2.91
194	1/7/2007 13:16	10.2	46.205	29.82	9.95	7.92	9.1	2.96
195	1/7/2007 13:31	10.19	46.775	30.23	9.94	7.93	9.6	3.00
196	1/7/2007 13:46	10.22	46.674	30.16	9.94	7.93	9.1	3.03
197	1/7/2007 14:01	10.2	46.811	30.26	9.93	7.93	8.7	3.02
198	1/7/2007 14:16	10.25	46.331	29.92	9.91	7.92	9.2	3.00
199	1/7/2007 14:31	10.28	45.941	29.64	9.92	7.92	8.6	2.97
200	1/7/2007 14:46	10.19	45.66	29.43	9.88	7.92	9.9	2.93
201	1/7/2007 15:01	10.25	45.117	29.05	9.89	7.91	12.6	2.84
202	1/7/2007 15:16	10.3	45.114	29.05	9.88	7.91	18.3	2.78
203	1/7/2007 15:31	10.17	44.972	28.94	9.85	7.9	19.4	2.71
204	1/7/2007 15:46	10.31	44.563	28.66	9.91	7.9	19.6	2.62
205	1/7/2007 16:01	10.31	44.695	28.75	9.94	7.91	17.3	2.52
206	1/7/2007 16:16	10.19	43.901	28.18	10.01	7.91	17.7	2.42
207	1/7/2007 16:31	10.09	43.493	27.89	10.04	7.91	16.7	2.34
208	1/7/2007 16:46	10.07	43.234	27.7	9.96	7.9	19.6	2.22
209	1/7/2007 17:01	9.94	42.364	27.08	9.95	7.9	22.3	2.13
210	1/7/2007 17:16	9.9	42.422	27.12	9.88	7.89	20.0	2.00
211	1/7/2007 17:31	9.82	41.783	26.67	9.94	7.89	22.3	1.92
212	1/7/2007 17:46	9.77	41.624	26.55	9.94	7.89	21.6	1.75
213	1/7/2007 18:01	9.73	41.335	26.35	9.93	7.89	23.6	1.66
214	1/7/2007 18:16	9.7	41.236	26.28	9.92	7.89	23.2	1.54
215	1/7/2007 18:31	9.68	41.274	26.3	9.89	7.88	21.1	1.42
216	1/7/2007 18:46	9.66	40.961	26.08	9.91	7.88	22.0	1.33
217	1/7/2007 19:01	9.63	40.75	25.93	9.92	7.88	22.8	1.21
218	1/7/2007 19:16	9.61	40.626	25.84	9.96	7.87	23.3	1.13
219	1/7/2007 19:31	9.6	40.468	25.73	9.97	7.87	22.7	1.04
220	1/7/2007 19:46	9.61	40.39	25.68	9.96	7.87	21.5	0.99
221	1/7/2007 20:01	9.59	40.398	25.68	9.92	7.87	22.1	0.93
222	1/7/2007 20:16	9.55	40.379	25.67	9.95	7.87	20.7	0.94
223	1/7/2007 20:31	9.6	40.447	25.72	9.94	7.87	19.3	0.93
224	1/7/2007 20:46	9.64	40.605	25.83	9.9	7.87	18.0	0.93
225	1/7/2007 21:01	9.6	40.664	25.87	9.9	7.87	18.3	1.00
226	1/7/2007 21:16	9.6	40.71	25.9	9.9	7.87	17.0	0.99
227	1/7/2007 21:31	9.57	40.637	25.85	9.94	7.87	14.9	1.08
228	1/7/2007 21:46	9.58	40.493	25.75	9.92	7.87	15.3	1.16
229	1/7/2007 22:01	9.55	39.658	25.16	9.96	7.86	14.9	1.18
230	1/7/2007 22:16	9.64	40.155	25.51	9.92	7.86	14.4	1.27
231	1/7/2007 22:31	9.64	39.9	25.34	9.93	7.86	14.3	1.34
232	1/7/2007 22:46	9.67	39.828	25.29	9.91	7.85	13.6	1.42
233	1/7/2007 23:01	9.69	40.481	25.74	9.89	7.86	13.8	1.53
234	1/7/2007 23:16	9.73	40.84	26	9.88	7.86	14.7	1.61
235	1/7/2007 23:31	9.77	40.853	26.01	9.89	7.86	14.1	1.71
236	1/7/2007 23:46	9.78	40.401	25.69	9.9	7.86	12.3	1.82
237	1/8/2007 00:01	9.87	41.997	26.82	9.83	7.87	13.8	1.91
238	1/8/2007 00:16	9.9	42.178	26.95	9.85	7.87	17.7	2.01
239	1/8/2007 00:31	9.95	43.118	27.62	9.82	7.89	18.2	2.08

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	1/8/2007 00:46	9.92	42.556	27.22	9.86	7.88	17.6	2.18
241	1/8/2007 01:01	9.97	43.479	27.87	9.84	7.89	17.9	2.23
242	1/8/2007 01:16	10	43.86	28.14	9.84	7.89	16.5	2.36
243	1/8/2007 01:31	10.02	44.127	28.33	9.85	7.9	22.4	2.42
244	1/8/2007 01:46	10.03	44.274	28.44	9.87	7.9	21.2	2.50
245	1/8/2007 02:01	10.09	44.796	28.81	9.88	7.91	27.1	2.57
246	1/8/2007 02:16	10.13	45.161	29.08	9.93	7.91	25.7	2.63
247	1/8/2007 02:31	10.16	45.544	29.35	10.01	7.92	24.6	2.68
248	1/8/2007 02:46	10.18	45.919	29.62	10.06	7.93	22.8	2.75
249	1/8/2007 03:01	10.24	46.334	29.92	10.11	7.93	20.4	2.78
250	1/8/2007 03:16	10.24	46.5	30.04	10.16	7.93	15.4	2.84
251	1/8/2007 03:31	10.15	46.258	29.86	10.09	7.93	8.9	2.83
252	1/8/2007 03:46	10.25	46.497	30.04	10.06	7.93	13.7	2.87
253	1/8/2007 04:01	10.26	46.571	30.09	10.15	7.93	12.5	2.85
254	1/8/2007 04:16	10.28	46.595	30.11	10.12	7.93	13.3	2.83
255	1/8/2007 04:31	10.26	46.55	30.07	10.08	7.93	12.7	2.79
256	1/8/2007 04:46	10.21	46.276	29.88	10.05	7.93	13.5	2.74
257	1/8/2007 05:01	10.1	45.439	29.27	9.95	7.92	23.7	2.66
258	1/8/2007 05:16	10.02	44.971	28.93	9.91	7.91	18.4	2.58
259	1/8/2007 05:31	9.92	44.426	28.54	9.86	7.9	16.5	2.53
260	1/8/2007 05:46	9.94	44.423	28.54	9.76	7.9	14.3	2.46
261	1/8/2007 06:01	9.63	43.261	27.7	9.6	7.87	10.2	2.40
262	1/8/2007 06:16	9.66	43.272	27.71	9.61	7.87	9.7	2.32
263	1/8/2007 06:31	9.52	42.643	27.26	9.61	7.86	10.7	2.26
264	1/8/2007 06:46	9.41	42.433	27.1	9.59	7.85	10.7	2.15
265	1/8/2007 07:01	9.41	42.115	26.88	9.61	7.85	9.9	2.11
266	1/8/2007 07:16	9.45	41.924	26.75	9.62	7.85	9.9	2.06
267	1/8/2007 07:31	9.37	41.93	26.74	9.6	7.85	9.6	1.98
268	1/8/2007 07:46	9.31	42.021	26.81	9.51	7.84	11.4	1.91
269	1/8/2007 08:01	9.27	41.785	26.64	9.56	7.84	11.9	1.91
270	1/8/2007 08:16	9.28	41.628	26.53	9.56	7.85	10.3	1.87
271	1/8/2007 08:31	9.18	41.547	26.46	9.56	7.84	12.6	1.81
272	1/8/2007 08:46	9.5	42.307	27.02	9.61	7.86	9.6	1.80
273	1/8/2007 09:01	9.24	41.448	26.4	9.57	7.84	11.9	1.73
274	1/8/2007 09:16	9.26	41.655	26.55	9.58	7.84	11.9	1.77
275	1/8/2007 09:31	9.21	41.385	26.35	9.63	7.84	10.3	1.80
276	1/8/2007 09:46	9.44	42.111	26.88	9.61	7.85	9.5	1.81
277	1/8/2007 10:01	9.45	42.008	26.8	9.65	7.85	8.6	1.87
278	1/8/2007 10:16	9.48	42.089	26.86	9.63	7.85	11.3	1.93
279	1/8/2007 10:31	9.49	42.207	26.95	9.62	7.85	10.3	1.99
280	1/8/2007 10:46	9.43	42.004	26.8	9.68	7.86	13.2	2.01
281	1/8/2007 11:01	9.58	42.618	27.24	9.71	7.87	10.5	2.14
282	1/8/2007 11:16	9.6	42.674	27.28	9.73	7.87	9.2	2.16
283	1/8/2007 11:31	9.71	43.314	27.74	9.76	7.88	9.2	2.22
284	1/8/2007 11:46	9.72	43.323	27.75	9.78	7.88	9.0	2.25
285	1/8/2007 12:01	9.78	43.766	28.06	9.81	7.89	9.3	2.35
286	1/8/2007 12:16	9.91	44.819	28.82	9.88	7.9	10.0	2.40
287	1/8/2007 12:31	9.98	45.272	29.15	9.91	7.91	9.9	2.46

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	1/8/2007 12:46	10	45.392	29.23	9.93	7.91	9.6	2.49
289	1/8/2007 13:01	10.04	45.619	29.4	9.94	7.91	10.0	2.54
290	1/8/2007 13:16	10.03	45.557	29.35	9.95	7.91	9.5	2.59
291	1/8/2007 13:31	10.07	45.231	29.12	9.97	7.91	8.9	2.66
292	1/8/2007 13:46	10.09	46.144	29.77	9.98	7.92	8.9	2.67
293	1/8/2007 14:01	10.12	45.891	29.6	9.99	7.92	8.7	2.69
294	1/8/2007 14:16	10.12	46.095	29.74	9.98	7.92	8.5	2.74
295	1/8/2007 14:31	10.24	45.173	29.09	10.18	7.93	8.1	2.76
296	1/8/2007 14:46	10.1	45.789	29.52	9.95	7.91	8.6	2.74
297	1/8/2007 15:01	10.14	46.206	29.82	9.94	7.92	8.0	2.70
298	1/8/2007 15:16	10.16	45.395	29.24	9.98	7.92	7.4	2.73
299	1/8/2007 15:31	10.13	45.16	29.08	9.89	7.91	9.2	2.68
300	1/8/2007 15:46	10.16	45	28.96	9.92	7.91	9.0	2.60
301	1/8/2007 16:01	10.22	44.541	28.64	9.98	7.91	10.8	2.57
302	1/8/2007 16:16	10.17	44.977	28.95	9.91	7.91	11.0	2.49
303	1/8/2007 16:31	10.21	44.604	28.68	9.88	7.9	11.6	2.43
304	1/8/2007 16:46	10.27	44.03	28.28	9.95	7.91	10.5	2.34
305	1/8/2007 17:01	10.2	43.825	28.13	10.03	7.91	9.6	2.26
306	1/8/2007 17:16	10.1	43.334	27.78	10.13	7.92	9.8	2.18
307	1/8/2007 17:31	10.1	43.293	27.75	10.1	7.92	9.6	2.09
308	1/8/2007 17:46	10.03	42.756	27.36	10.06	7.91	11.7	2.00
309	1/8/2007 18:01	10.03	42.599	27.25	10.1	7.92	9.9	1.92
310	1/8/2007 18:16	9.99	42.268	27.02	10.22	7.93	11.0	1.80
311	1/8/2007 18:31	9.93	41.947	26.79	10.3	7.93	10.8	1.74
312	1/8/2007 18:46	9.88	41.738	26.64	10.35	7.94	9.9	1.64
313	1/8/2007 19:01	9.82	41.608	26.54	10.38	7.94	10.5	1.53
314	1/8/2007 19:16	9.77	41.413	26.4	10.4	7.94	10.5	1.45
315	1/8/2007 19:31	9.74	41.33	26.34	10.41	7.94	10.2	1.34
316	1/8/2007 19:46	9.75	41.336	26.35	10.32	7.93	9.9	1.30
317	1/8/2007 20:01	9.75	41.213	26.26	10.33	7.93	10.0	1.18
318	1/8/2007 20:16	9.75	41.175	26.23	10.28	7.92	10.0	1.15
319	1/8/2007 20:31	9.76	41.141	26.21	10.34	7.93	9.2	1.13
320	1/8/2007 20:46	9.63	40.826	25.98	10.33	7.93	9.2	1.07
321	1/8/2007 21:01	9.72	41.05	26.15	10.28	7.92	8.8	1.07
322	1/8/2007 21:16	9.71	41.169	26.23	10.28	7.92	9.3	1.09
323	1/8/2007 21:31	9.7	41.172	26.23	10.32	7.93	9.4	1.11
324	1/8/2007 21:46	9.68	40.999	26.11	10.45	7.94	8.3	1.14
325	1/8/2007 22:01	9.8	41.422	26.41	10.29	7.92	8.9	1.21
326	1/8/2007 22:16	9.77	40.787	25.96	10.3	7.92	9.0	1.26
327	1/8/2007 22:31	9.82	40.972	26.1	10.26	7.92	9.7	1.33
328	1/8/2007 22:46	9.85	41.121	26.2	10.22	7.91	9.6	1.39
329	1/8/2007 23:01	9.87	41.209	26.27	10.18	7.91	8.9	1.48
330	1/8/2007 23:16	9.92	41.616	26.55	10.1	7.9	10.0	1.53
331	1/8/2007 23:31	9.92	41.8	26.68	10.15	7.91	9.9	1.64
332	1/8/2007 23:46	9.95	42.1	26.9	10.12	7.91	9.4	1.72
333	1/9/2007 00:01	9.96	41.984	26.82	10.1	7.9	9.5	1.80
334	1/9/2007 00:16	9.98	42.347	27.07	10.07	7.9	8.9	1.89
335	1/9/2007 00:31	10.01	42.706	27.33	10.03	7.9	9.2	1.96

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	1/9/2007 00:46	10.03	43.023	27.55	10.01	7.9	9.0	2.05
337	1/9/2007 01:01	10.06	43.567	27.94	10	7.9	9.0	2.12
338	1/9/2007 01:16	10.04	43.36	27.79	10.01	7.9	8.6	2.22
339	1/9/2007 01:31	10.05	43.698	28.03	10	7.91	9.4	2.30
340	1/9/2007 01:46	10.07	44.084	28.31	9.99	7.91	9.4	2.37
341	1/9/2007 02:01	10.14	45.179	29.09	9.96	7.92	13.5	2.44
342	1/9/2007 02:16	10.18	45.811	29.54	9.97	7.92	14.9	2.52
343	1/9/2007 02:31	10.19	45.979	29.66	9.98	7.92	20.3	2.58
344	1/9/2007 02:46	10.19	46.109	29.76	9.98	7.92	20.4	2.66
345	1/9/2007 03:01	10.2	46.542	30.07	10	7.92	21.5	2.72
346	1/9/2007 03:16	10.21	46.788	30.24	10.03	7.92	17.2	2.77
347	1/9/2007 03:31	10.24	47.166	30.52	10.05	7.92	16.1	2.82
348	1/9/2007 03:46	10.27	47.511	30.76	10.07	7.92	17.1	2.86
349	1/9/2007 04:01	10.27	47.719	30.91	10.07	7.92	14.9	2.87
350	1/9/2007 04:16	10.28	47.997	31.11	9.99	7.92	14.0	2.91
351	1/9/2007 04:31	10.27	47.645	30.86	9.99	7.92	11.5	2.91
352	1/9/2007 04:46	10.26	47.509	30.76	9.99	7.92	12.0	2.88
353	1/9/2007 05:01	10.25	47.31	30.62	9.99	7.92	12.1	2.85
354	1/9/2007 05:16	10.24	47.15	30.5	10	7.92	13.6	2.79
355	1/9/2007 05:31	10.2	46.631	30.13	9.97	7.92	12.5	2.74
356	1/9/2007 05:46	10.15	46.14	29.78	9.94	7.92	18.7	2.64
357	1/9/2007 06:01	10.12	45.745	29.49	9.89	7.91	15.9	2.59
358	1/9/2007 06:16	9.95	44.672	28.72	9.86	7.9	13.2	2.52
359	1/9/2007 06:31	9.97	44.81	28.82	9.79	7.9	8.9	2.44
360	1/9/2007 06:46	9.91	44.206	28.38	9.72	7.89	8.5	2.36
361	1/9/2007 07:01	9.91	44.102	28.31	9.73	7.89	8.5	2.29
362	1/9/2007 07:16	9.89	43.783	28.08	9.76	7.89	8.3	2.23
363	1/9/2007 07:31	9.86	43.481	27.87	9.74	7.88	7.6	2.15
364	1/9/2007 07:46	9.81	43.382	27.79	9.67	7.87	6.9	2.07
365	1/9/2007 08:01	9.76	43.154	27.63	9.62	7.87	7.6	2.02
366	1/9/2007 08:16	9.76	43.058	27.56	9.66	7.87	7.3	1.95
367	1/9/2007 08:31	9.72	43.015	27.53	9.67	7.87	8.2	1.90
368	1/9/2007 08:46	9.67	42.771	27.35	9.67	7.87	7.3	1.85
369	1/9/2007 09:01	9.66	42.446	27.12	9.73	7.88	6.4	1.81
370	1/9/2007 09:16	9.64	42.371	27.07	9.73	7.87	6.5	1.78
371	1/9/2007 09:31	9.65	42.308	27.03	9.69	7.87	6.1	1.76
372	1/9/2007 09:46	9.71	42.857	27.42	9.69	7.88	6.7	1.74
373	1/9/2007 10:01	9.7	42.664	27.28	9.73	7.88	7.5	1.75
374	1/9/2007 10:16	9.7	42.609	27.24	9.75	7.88	7.2	1.77
375	1/9/2007 10:31	9.74	42.7	27.31	9.73	7.88	7.3	1.78
376	1/9/2007 10:46	9.82	43.167	27.64	9.72	7.88	7.1	1.82
377	1/9/2007 11:01	9.85	43.265	27.71	9.71	7.88	7.5	1.87
378	1/9/2007 11:16	9.81	42.768	27.36	9.75	7.88	7.8	1.90
379	1/9/2007 11:31	9.79	42.602	27.24	9.76	7.88	8.2	1.97
380	1/9/2007 11:46	9.85	43.142	27.63	9.76	7.88	8.0	2.02
381	1/9/2007 12:01	9.89	43.494	27.88	9.77	7.89	8.1	2.08
382	1/9/2007 12:16	9.92	43.702	28.03	9.79	7.89	7.8	2.11
383	1/9/2007 12:31	9.93	43.889	28.16	9.79	7.89	7.1	2.17

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
384	1/9/2007 12:46	9.96	44.292	28.45	9.8	7.89	7.6	2.21
385	1/9/2007 13:01	9.98	44.399	28.52	9.82	7.9	7.4	2.26
386	1/9/2007 13:16	10.02	45.141	29.06	9.81	7.9	8.0	2.32
387	1/9/2007 13:31	10.05	45.503	29.31	9.8	7.9	8.5	2.34
388	1/9/2007 13:46	10.08	45.955	29.64	9.79	7.9	8.2	2.39
389	1/9/2007 14:01	10.09	46.193	29.81	9.78	7.9	8.1	2.44
390	1/9/2007 14:16	10.12	45.695	29.46	9.81	7.9	7.2	2.47
391	1/9/2007 14:31	10.14	45.695	29.46	9.81	7.9	7.7	2.51
392	1/9/2007 14:46	10.12	45.937	29.63	9.78	7.9	7.5	2.54
393	1/9/2007 15:01	10.15	45.606	29.39	9.79	7.9	7.4	2.57
394	1/9/2007 15:16	10.15	45.599	29.39	9.73	7.9	5.6	2.59
395	1/9/2007 15:31	10.1	45.894	29.6	9.67	7.9	7.1	2.59
396	1/9/2007 15:46	10.1	46.259	29.86	9.68	7.9	7.8	2.58
397	1/9/2007 16:01	10.11	45.874	29.58	9.71	7.9	7.3	2.57
398	1/9/2007 16:16	10.14	45.476	29.3	9.81	7.9	7.3	2.54
399	1/9/2007 16:31	10.21	44.858	28.86	9.86	7.9	7.3	2.48
400	1/9/2007 16:46	10.19	45.041	28.99	9.85	7.9	7.1	2.44
401	1/9/2007 17:01	10.19	44.839	28.85	9.87	7.9	8.3	2.38
402	1/9/2007 17:16	10.14	44.852	28.86	9.82	7.9	8.0	2.31
403	1/9/2007 17:31	10.14	44.431	28.56	10.07	7.92	8.1	2.24
404	1/9/2007 17:46	10.22	43.671	28.02	10.53	7.97	7.1	2.17
405	1/9/2007 18:01	10.12	43.529	27.92	10.25	7.94	7.2	2.11
406	1/9/2007 18:16	10.08	43.373	27.8	10.12	7.93	7.1	2.03
407	1/9/2007 18:31	10.06	43.265	27.73	10.18	7.93	6.9	1.96
408	1/9/2007 18:46	10.07	43.092	27.6	10.09	7.92	7.0	1.89
409	1/9/2007 19:01	10.04	42.884	27.45	10.17	7.93	7.2	1.80
410	1/9/2007 19:16	10.02	42.698	27.32	10.23	7.94	6.9	1.72
411	1/9/2007 19:31	10.01	42.584	27.24	10.25	7.94	6.3	1.64
412	1/9/2007 19:46	9.97	42.471	27.16	10.32	7.95	6.3	1.57
413	1/9/2007 20:01	9.96	42.455	27.15	10.31	7.95	6.3	1.50
414	1/9/2007 20:16	9.95	42.274	27.02	10.38	7.95	6.5	1.43
415	1/9/2007 20:31	9.91	42.023	26.84	10.42	7.95	6.7	1.38
416	1/9/2007 20:46	9.91	41.837	26.71	10.54	7.96	6.8	1.36
417	1/9/2007 21:01	9.94	42.307	27.04	10.17	7.94	3.6	1.32
418	1/9/2007 21:16	9.94	42.255	27.01	10.33	7.95	7.1	1.30
419	1/9/2007 21:31	9.84	41.492	26.46	10.75	7.99	6.0	1.30
420	1/9/2007 21:46	9.8	41.385	26.39	10.81	7.99	5.8	1.31
421	1/9/2007 22:01	9.8	41.433	26.42	10.73	7.98	6.2	1.34
422	1/9/2007 22:16	9.89	41.92	26.77	10.44	7.96	7.3	1.38
423	1/9/2007 22:31	9.82	41.646	26.57	10.61	7.97	6.0	1.42
424	1/9/2007 22:46	9.94	42.294	27.03	10.35	7.95	6.6	1.47
425	1/9/2007 23:01	9.94	42.225	26.98	10.27	7.93	7.2	1.51
426	1/9/2007 23:16	9.97	42.486	27.17	10.25	7.93	6.9	1.58
427	1/9/2007 23:31	9.99	42.643	27.28	10.15	7.92	7.5	1.65
428	1/9/2007 23:46	10.01	42.761	27.37	10.13	7.92	8.3	1.72
429	1/10/2007 00:01	10.03	43.178	27.66	10.07	7.92	8.3	1.78
430	1/10/2007 00:16	10.05	43.402	27.82	10.02	7.91	7.8	1.86
431	1/10/2007 00:31	10.05	43.192	27.67	10.03	7.91	8.3	1.94

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	1/10/2007 00:46	10.05	43.526	27.91	10	7.91	7.2	2.01
433	1/10/2007 01:01	10.03	43.608	27.97	9.99	7.91	9.6	2.09
434	1/10/2007 01:16	10.03	43.884	28.16	9.97	7.91	7.5	2.16
435	1/10/2007 01:31	10.01	44.026	28.26	9.96	7.91	7.5	2.24
436	1/10/2007 01:46	10.04	44.631	28.69	9.88	7.91	8.4	2.31
437	1/10/2007 02:01	10.03	44.597	28.67	9.86	7.91	7.6	2.38
438	1/10/2007 02:16	10.03	45.064	29	9.81	7.91	7.9	2.47
439	1/10/2007 02:31	10.05	45.784	29.52	9.7	7.9	8.6	2.54
440	1/10/2007 02:46	10.1	46.724	30.19	9.59	7.9	12.6	2.61
441	1/10/2007 03:01	10.1	46.955	30.36	9.57	7.9	15.5	2.69
442	1/10/2007 03:16	10.1	47.104	30.46	9.56	7.9	16.1	2.77
443	1/10/2007 03:31	10.08	47.574	30.8	9.48	7.9	17.8	2.83
444	1/10/2007 03:46	10.08	47.673	30.87	9.45	7.9	14.7	2.89
445	1/10/2007 04:01	10.09	47.9	31.03	9.43	7.9	13.8	2.93
446	1/10/2007 04:16	10.09	47.979	31.09	9.41	7.9	13.2	2.97
447	1/10/2007 04:31	10.09	48.099	31.18	9.39	7.9	11.9	2.99
448	1/10/2007 04:46	10.09	48.16	31.22	9.35	7.9	14.6	3.00
449	1/10/2007 05:01	10	47.288	30.59	9.43	7.9	14.6	2.98
450	1/10/2007 05:16	10.03	47.483	30.73	9.44	7.9	19.6	2.96
451	1/10/2007 05:31	9.94	47.119	30.46	9.55	7.9	32.6	2.92
452	1/10/2007 05:46	9.89	47.015	30.39	9.58	7.9	29.3	2.86
453	1/10/2007 06:01	9.88	46.83	30.25	9.57	7.9	21.9	2.80
454	1/10/2007 06:16	9.89	46.829	30.25	9.57	7.9	22.1	2.74
455	1/10/2007 06:31	9.86	46.371	29.92	9.6	7.9	22.8	2.66
456	1/10/2007 06:46	9.83	46.144	29.76	9.6	7.9	26.4	2.59
457	1/10/2007 07:01	9.79	45.781	29.5	9.6	7.9	27.9	2.53
458	1/10/2007 07:16	9.82	45.706	29.45	9.6	7.89	31.9	2.45
459	1/10/2007 07:31	9.78	45.287	29.15	9.66	7.9	30.6	2.37
460	1/10/2007 07:46	9.76	45.011	28.95	9.67	7.89	29.3	2.31
461	1/10/2007 08:01	9.73	44.533	28.61	9.71	7.89	25.2	2.24
462	1/10/2007 08:16	9.72	44.118	28.31	9.72	7.89	24.1	2.17
463	1/10/2007 08:31	9.7	44.039	28.25	9.71	7.89	22.7	2.10
464	1/10/2007 08:46	9.66	43.911	28.16	9.73	7.89	22.4	2.03
465	1/10/2007 09:01	9.66	43.343	27.76	9.76	7.89	21.8	1.98
466	1/10/2007 09:16	9.63	43.442	27.83	9.76	7.9	19.9	1.92
467	1/10/2007 09:31	9.58	43.24	27.68	9.8	7.9	19.9	1.86
468	1/10/2007 09:46	9.58	43.23	27.67	9.8	7.9	18.4	1.81
469	1/10/2007 10:01	9.58	43.106	27.59	9.8	7.9	17.2	1.77
470	1/10/2007 10:16	9.59	43.088	27.57	9.8	7.9	16.9	1.73
471	1/10/2007 10:31	9.61	43.104	27.59	9.76	7.9	14.1	1.72
472	1/10/2007 10:46	9.59	43.19	27.65	9.79	7.9	16.8	1.72
473	1/10/2007 11:01	9.6	43.205	27.66	9.79	7.9	17.1	1.69
474	1/10/2007 11:16	9.61	42.986	27.5	9.88	7.9	15.8	1.70
475	1/10/2007 11:31	9.62	42.975	27.5	9.86	7.9	15.6	1.72
476	1/10/2007 11:46	9.65	43.282	27.71	9.75	7.89	19.7	1.74
477	1/10/2007 12:01	9.69	43.427	27.82	9.74	7.89	16.6	1.78
478	1/10/2007 12:16	9.68	43.359	27.77	9.75	7.89	17.5	1.80
479	1/10/2007 12:31	9.7	43.407	27.81	9.74	7.89	17.2	1.85

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	1/10/2007 12:46	9.71	43.44	27.83	9.78	7.89	16.9	1.90
481	1/10/2007 13:01	9.74	43.68	28	9.72	7.89	16.1	1.94
482	1/10/2007 13:16	9.76	44.034	28.25	9.66	7.89	16.3	1.98
483	1/10/2007 13:31	9.79	44.425	28.53	9.63	7.89	14.9	2.04
484	1/10/2007 13:46	9.8	44.673	28.71	9.62	7.89	15.2	2.07
485	1/10/2007 14:01	9.81	44.83	28.82	9.61	7.89	14.3	2.11
486	1/10/2007 14:16	9.83	45.11	29.02	9.58	7.89	13.8	2.15
487	1/10/2007 14:31	9.82	44.876	28.86	9.62	7.89	13.5	2.19
488	1/10/2007 14:46	9.83	44.745	28.76	9.64	7.89	13.2	2.24
489	1/10/2007 15:01	9.84	45.085	29.01	9.62	7.89	12.6	2.27
490	1/10/2007 15:16	9.83	44.558	28.63	9.69	7.9	13.2	2.30
491	1/10/2007 15:31	9.83	44.562	28.63	9.71	7.9	12.9	2.33
492	1/10/2007 15:46	9.82	44.424	28.53	9.75	7.9	12.7	2.36
493	1/10/2007 16:01	10.03	44.473	28.58	11.21	8.14	13.9	2.38
494	1/10/2007 16:16	10.02	44.344	28.49	11.31	8.12	13.0	2.39
495	1/10/2007 16:31	10.04	44.497	28.6	11.15	8.12	9.7	2.42
496	1/10/2007 16:46	9.88	45.479	29.29	9.57	7.9	8.6	2.42
497	1/10/2007 17:01	9.88	45.424	29.25	9.58	7.9	10.8	2.39
498	1/10/2007 17:16	9.87	44.71	28.74	9.78	7.91	14.2	2.36
499	1/10/2007 17:31	9.8	44.536	28.61	9.92	7.93	16.1	2.34
500	1/10/2007 17:46	9.8	44.367	28.49	9.91	7.94	19.2	2.31
501	1/10/2007 18:01	9.65	44.57	28.63	9.75	7.93	19.0	2.25
502	1/10/2007 18:16	9.5	44.103	28.29	10	7.94	17.9	2.20
503	1/10/2007 18:31	9.62	44.471	28.56	9.97	7.93	14.6	2.15
504	1/10/2007 18:46	9.58	44.139	28.32	9.95	7.93	15.0	2.08
505	1/10/2007 19:01	9.53	43.942	28.18	10.08	7.94	16.3	2.03
506	1/10/2007 19:16	9.44	43.687	27.99	9.91	7.92	16.1	1.97
507	1/10/2007 19:31	9.39	43.533	27.88	9.84	7.91	15.2	1.91
508	1/10/2007 19:46	9.39	43.43	27.8	9.82	7.91	14.9	1.86
509	1/10/2007 20:01	9.3	43.344	27.74	9.83	7.91	13.6	1.80
510	1/10/2007 20:16	9.26	43.304	27.71	9.82	7.91	13.9	1.73
511	1/10/2007 20:31	9.22	43.194	27.63	9.83	7.91	16.2	1.68
512	1/10/2007 20:46	9.18	42.933	27.44	9.89	7.92	13.9	1.64
513	1/10/2007 21:01	9.15	42.911	27.42	9.9	7.92	12.9	1.59
514	1/10/2007 21:16	9.17	42.825	27.36	9.91	7.92	13.2	1.57
515	1/10/2007 21:31	9.15	42.776	27.33	9.95	7.93	13.0	1.54
516	1/10/2007 21:46	9.2	42.884	27.41	9.86	7.92	9.8	1.51
517	1/10/2007 22:01	9.19	42.453	27.1	10.06	7.94	12.2	1.49
518	1/10/2007 22:16	9.05	41.932	26.73	10.25	7.97	13.3	1.52
519	1/10/2007 22:31	9.11	42.284	26.98	10.14	7.95	13.4	1.53
520	1/10/2007 22:46	9.05	42.186	26.91	10.16	7.95	14.5	1.54
521	1/10/2007 23:01	9.05	42.12	26.86	10.23	7.96	11.7	1.60
522	1/10/2007 23:16	9.19	42.729	27.3	10.01	7.93	11.6	1.64
523	1/10/2007 23:31	9.29	42.964	27.47	9.94	7.93	11.4	1.70
524	1/10/2007 23:46	9.26	42.961	27.46	9.89	7.92	12.1	1.72
525	1/11/2007 00:01	9.42	43.555	27.89	9.79	7.91	13.2	1.80
526	1/11/2007 00:16	9.55	44.114	28.3	9.7	7.9	12.7	1.81
527	1/11/2007 00:31	9.61	44.409	28.51	9.67	7.9	11.8	1.88

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	1/11/2007 00:46	9.65	44.597	28.65	9.66	7.9	12.4	1.94
529	1/11/2007 01:01	9.62	44.356	28.47	9.69	7.9	11.9	2.00
530	1/11/2007 01:16	9.62	44.575	28.63	9.67	7.9	11.8	2.07
531	1/11/2007 01:31	9.57	44.472	28.55	9.73	7.91	12.5	2.14
532	1/11/2007 01:46	9.57	44.674	28.7	9.73	7.91	11.2	2.22
533	1/11/2007 02:01	9.56	44.63	28.66	9.72	7.91	9.7	2.28
534	1/11/2007 02:16	9.45	44.524	28.58	9.77	7.92	9.4	2.35
535	1/11/2007 02:31	9.39	44.62	28.65	9.79	7.92	9.9	2.41
536	1/11/2007 02:46	9.26	44.785	28.76	9.79	7.92	9.2	2.47
537	1/11/2007 03:01	9.4	45.392	29.2	9.67	7.92	9.0	2.54
538	1/11/2007 03:16	9.48	45.773	29.47	9.59	7.91	8.9	2.63
539	1/11/2007 03:31	9.62	46.485	29.99	9.45	7.91	11.2	2.67
540	1/11/2007 03:46	9.68	46.823	30.24	9.38	7.9	10.6	2.74
541	1/11/2007 04:01	9.81	47.5	30.73	9.28	7.9	17.0	2.79
542	1/11/2007 04:16	9.75	47.458	30.69	9.32	7.9	14.6	2.87
543	1/11/2007 04:31	9.75	47.615	30.81	9.36	7.9	14.7	2.89
544	1/11/2007 04:46	9.74	47.676	30.85	9.4	7.91	13.3	2.93
545	1/11/2007 05:01	9.72	47.778	30.92	9.45	7.91	12.4	2.96
546	1/11/2007 05:16	9.71	47.803	30.94	9.43	7.91	9.7	2.97
547	1/11/2007 05:31	9.72	47.752	30.9	9.39	7.9	11.1	2.98
548	1/11/2007 05:46	9.72	47.818	30.95	9.39	7.9	10.7	2.98
549	1/11/2007 06:01	9.72	47.852	30.98	9.42	7.9	10.7	2.94
550	1/11/2007 06:16	9.63	47.357	30.61	9.39	7.91	12.3	2.90
551	1/11/2007 06:31	9.68	47.226	30.52	9.33	7.9	11.4	2.84
552	1/11/2007 06:46	9.65	46.997	30.36	9.28	7.9	12.4	2.80
553	1/11/2007 07:01	9.53	46.614	30.08	9.32	7.9	13.3	2.73
554	1/11/2007 07:16	9.38	46.274	29.82	9.37	7.9	11.5	2.65
555	1/11/2007 07:31	9.08	45.508	29.26	9.48	7.9	9.8	2.58
556	1/11/2007 07:46	9.08	45.32	29.12	9.39	7.89	8.6	2.50
557	1/11/2007 08:01	9.01	45.04	28.92	9.44	7.89	8.4	2.44
558	1/11/2007 08:16	8.94	44.907	28.82	9.47	7.89	8.3	2.37
559	1/11/2007 08:31	8.78	44.418	28.46	9.56	7.9	8.1	2.29
560	1/11/2007 08:46	8.75	44.219	28.32	9.6	7.9	8.6	2.23
561	1/11/2007 09:01	8.77	44.308	28.39	9.59	7.9	8.4	2.16
562	1/11/2007 09:16	8.73	44.224	28.32	9.61	7.9	8.1	2.08
563	1/11/2007 09:31	8.68	44.039	28.19	9.66	7.91	8.3	2.04
564	1/11/2007 09:46	8.68	43.955	28.13	9.7	7.91	8.6	1.96
565	1/11/2007 10:01	8.64	43.81	28.02	9.77	7.92	9.1	1.89
566	1/11/2007 10:16	8.65	43.795	28.01	9.82	7.92	8.5	1.83
567	1/11/2007 10:31	8.66	43.509	27.81	9.88	7.93	8.7	1.78
568	1/11/2007 10:46	8.67	43.505	27.81	9.92	7.93	8.5	1.72
569	1/11/2007 11:01	8.67	43.429	27.76	9.92	7.93	8.4	1.67
570	1/11/2007 11:16	8.7	43.479	27.8	10.02	7.94	8.5	1.62
571	1/11/2007 11:31	8.76	43.404	27.75	9.95	7.94	8.4	1.63
572	1/11/2007 11:46	8.7	43.349	27.7	9.9	7.93	8.0	1.59
573	1/11/2007 12:01	8.78	43.148	27.57	9.98	7.93	8.8	1.60
574	1/11/2007 12:16	8.83	43.305	27.68	9.91	7.92	9.0	1.61
575	1/11/2007 12:31	8.79	43.581	27.87	9.78	7.92	8.4	1.60

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	1/11/2007 12:46	8.82	43.586	27.88	9.78	7.92	8.6	1.63
577	1/11/2007 13:01	8.87	43.809	28.04	9.72	7.91	7.8	1.64
578	1/11/2007 13:16	8.77	43.611	27.89	9.74	7.91	8.1	1.72
579	1/11/2007 13:31	8.9	43.86	28.08	9.64	7.91	9.0	1.73
580	1/11/2007 13:46	8.86	43.641	27.92	9.66	7.91	8.6	1.77
581	1/11/2007 14:01	8.87	43.93	28.12	9.63	7.9	8.5	1.81
582	1/11/2007 14:16	8.91	44.084	28.24	9.6	7.9	8.0	1.87
583	1/11/2007 14:31	8.95	44.22	28.34	9.55	7.9	8.2	1.90
584	1/11/2007 14:46	8.99	44.481	28.52	9.5	7.9	8.4	1.92
585	1/11/2007 15:01	9.02	44.734	28.7	9.49	7.9	8.3	1.97
586	1/11/2007 15:16	9.02	44.803	28.75	9.49	7.9	8.1	2.01
587	1/11/2007 15:31	9.06	45.025	28.91	9.5	7.9	8.0	2.04
588	1/11/2007 15:46	9.07	44.936	28.85	9.52	7.9	7.8	2.07
589	1/11/2007 16:01	9.04	44.74	28.71	9.55	7.9	7.8	2.13
590	1/11/2007 16:16	9.13	45.147	29	9.52	7.9	7.5	2.16
591	1/11/2007 16:31	9.2	45.452	29.23	9.51	7.9	7.5	2.18
592	1/11/2007 16:46	9.19	45.372	29.17	9.52	7.9	8.3	2.18
593	1/11/2007 17:01	9.05	44.621	28.63	9.65	7.91	8.2	2.25
594	1/11/2007 17:16	9.04	44.582	28.6	9.63	7.91	8.5	2.27
595	1/11/2007 17:31	9.17	45.318	29.13	9.43	7.9	7.6	2.26
596	1/11/2007 17:46	9.21	45.559	29.3	9.41	7.9	7.9	2.26
597	1/11/2007 18:01	9.15	45.184	29.03	9.46	7.9	7.5	2.26
598	1/11/2007 18:16	9.1	44.956	28.87	9.53	7.9	7.8	2.25
599	1/11/2007 18:31	9.13	45.199	29.04	9.44	7.9	7.8	2.23
600	1/11/2007 18:46	9.19	45.526	29.28	9.37	7.89	7.7	2.22
601	1/11/2007 19:01	9.12	45.311	29.12	9.4	7.9	7.6	2.19
602	1/11/2007 19:16	9.14	45.317	29.13	9.39	7.9	8.4	2.16
603	1/11/2007 19:31	9.12	45.204	29.04	9.44	7.9	8.3	2.11
604	1/11/2007 19:46	9.05	44.963	28.87	9.51	7.9	9.0	2.07
605	1/11/2007 20:01	9.05	44.892	28.82	9.52	7.9	8.5	2.03
606	1/11/2007 20:16	8.96	44.648	28.64	9.62	7.91	8.5	1.97
607	1/11/2007 20:31	8.61	44.017	28.17	9.93	7.94	8.0	1.92
608	1/11/2007 20:46	8.54	43.744	27.97	9.93	7.94	7.8	1.88
609	1/11/2007 21:01	8.55	43.826	28.03	9.85	7.93	7.8	1.84
610	1/11/2007 21:16	8.45	43.676	27.92	9.86	7.93	7.6	1.81
611	1/11/2007 21:31	8.38	43.62	27.87	9.87	7.94	7.2	1.78
612	1/11/2007 21:46	8.31	43.582	27.84	9.92	7.95	6.8	1.74
613	1/11/2007 22:01	8.24	43.511	27.79	9.93	7.95	6.9	1.73
614	1/11/2007 22:16	8.69	43.814	28.03	9.83	7.93	7.6	1.72
615	1/11/2007 22:31	8.21	43.431	27.73	10.02	7.96	5.9	1.71
616	1/11/2007 22:46	8.15	43.237	27.59	10.17	7.97	6.5	1.72
617	1/11/2007 23:01	8.28	43.602	27.85	9.94	7.94	7.6	1.72
618	1/11/2007 23:16	8.1	43.301	27.63	10.12	7.96	7.5	1.73
619	1/11/2007 23:31	8.2	43.488	27.77	10.03	7.95	7.4	1.76
620	1/11/2007 23:46	8.2	43.61	27.85	9.93	7.94	7.2	1.77
621	1/12/2007 00:01	8.62	44.15	28.26	9.76	7.93	7.4	1.80
622	1/12/2007 00:16	8.64	44.079	28.21	9.78	7.92	7.5	1.85
623	1/12/2007 00:31	8.83	44.451	28.49	9.7	7.92	7.4	1.88

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	1/12/2007 00:46	8.91	44.687	28.66	9.64	7.91	7.4	1.91
625	1/12/2007 01:01	8.96	44.635	28.63	9.57	7.91	7.6	1.97
626	1/12/2007 01:16	8.91	45.003	28.89	9.58	7.91	7.5	2.03
627	1/12/2007 01:31	9.08	45.33	29.13	9.52	7.9	7.5	2.08
628	1/12/2007 01:46	9.06	45.213	29.05	9.54	7.9	8.5	2.12
629	1/12/2007 02:01	9.01	45.027	28.91	9.57	7.91	7.4	2.19
630	1/12/2007 02:16	9.05	45.324	29.12	9.57	7.91	7.5	2.26
631	1/12/2007 02:31	8.97	45.209	29.04	9.62	7.91	7.7	2.31
632	1/12/2007 02:46	9.03	45.661	29.36	9.61	7.91	7.6	2.37
633	1/12/2007 03:01	8.85	45.467	29.21	9.72	7.92	7.6	2.44
634	1/12/2007 03:16	8.7	45.307	29.09	9.75	7.92	7.6	2.50
635	1/12/2007 03:31	8.59	45.201	29.01	9.79	7.93	8.9	2.57
636	1/12/2007 03:46	8.69	45.502	29.23	9.71	7.92	8.1	2.62
637	1/12/2007 04:01	8.67	45.727	29.39	9.67	7.91	8.5	2.69
638	1/12/2007 04:16	8.78	46.065	29.63	9.64	7.91	7.0	2.75
639	1/12/2007 04:31	8.77	46.523	29.96	9.66	7.91	7.6	2.79
640	1/12/2007 04:46	9.22	47.512	30.7	9.56	7.9	8.1	2.86
641	1/12/2007 05:01	9.08	47.367	30.58	9.57	7.9	7.5	2.90
642	1/12/2007 05:16	9.39	48.363	31.32	9.53	7.9	8.5	2.94
643	1/12/2007 05:31	9.38	48.553	31.45	9.59	7.9	8.7	2.97
644	1/12/2007 05:46	9.3	48.293	31.26	9.56	7.9	7.8	3.00
645	1/12/2007 06:01	9.18	48.063	31.09	9.59	7.9	7.3	3.02
646	1/12/2007 06:16	9.35	48.393	31.34	9.53	7.89	8.0	3.00
647	1/12/2007 06:31	9.39	48.561	31.46	9.54	7.89	8.4	2.97
648	1/12/2007 06:46	9.31	47.774	30.89	9.5	7.9	7.8	2.93
649	1/12/2007 07:01	9.07	47.08	30.38	9.49	7.9	7.8	2.90
650	1/12/2007 07:16	8.97	47.03	30.33	9.51	7.9	8.3	2.84
651	1/12/2007 07:31	9.06	47.16	30.43	9.51	7.9	9.1	2.77
652	1/12/2007 07:46	8.97	46.835	30.2	9.53	7.9	10.5	2.70
653	1/12/2007 08:01	8.47	46.136	29.66	9.63	7.91	11.5	2.64
654	1/12/2007 08:16	8.32	46.37	29.82	9.65	7.91	10.3	2.57
655	1/12/2007 08:31	8.26	46.102	29.62	9.7	7.91	9.2	2.51
656	1/12/2007 08:46	8.07	45.959	29.5	9.76	7.91	9.9	2.42
657	1/12/2007 09:01	8.11	45.514	29.19	9.73	7.91	8.8	2.35
658	1/12/2007 09:16	8.05	45.035	28.85	9.75	7.91	10.1	2.28
659	1/12/2007 09:31	7.88	44.83	28.69	9.84	7.92	8.3	2.21
660	1/12/2007 09:46	7.77	44.311	28.32	9.92	7.93	7.5	2.14
661	1/12/2007 10:01	7.71	44.19	28.22	9.99	7.94	7.1	2.04
662	1/12/2007 10:16	7.64	44.121	28.17	10.12	7.95	7.7	1.97
663	1/12/2007 10:31	7.66	44.352	28.33	10.21	7.94	7.5	1.90
664	1/12/2007 10:46	7.63	44.032	28.11	10.31	7.97	7.5	1.82
665	1/12/2007 11:01	7.67	44.001	28.09	10.39	7.98	7.5	1.74
666	1/12/2007 11:16	7.71	43.935	28.04	10.41	7.98	7.7	1.66
667	1/12/2007 11:31	7.79	44.053	28.13	10.45	7.98	7.5	1.60
668	1/12/2007 11:46	7.83	43.948	28.06	10.47	7.99	7.1	1.54
669	1/12/2007 12:01	7.88	43.981	28.09	10.41	7.98	6.7	1.48
670	1/12/2007 12:16	7.87	43.831	27.98	10.45	7.98	6.6	1.45
671	1/12/2007 12:31	7.91	43.884	28.02	10.45	7.99	6.0	1.42

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	1/12/2007 12:46	7.88	43.882	28.02	10.45	7.99	7.2	1.40
673	1/12/2007 13:01	7.93	43.747	27.93	10.5	7.99	8.1	1.39
674	1/12/2007 13:16	7.96	43.677	27.88	10.52	7.99	7.1	1.41
675	1/12/2007 13:31	7.93	43.706	27.9	10.48	7.98	6.3	1.42
676	1/12/2007 13:46	7.99	43.677	27.88	10.47	7.98	6.7	1.45
677	1/12/2007 14:01	8.03	44.045	28.15	10.18	7.96	7.4	1.47
678	1/12/2007 14:16	7.98	43.824	27.99	10.29	7.97	6.5	1.52
679	1/12/2007 14:31	7.98	43.929	28.06	10.19	7.96	6.9	1.56
680	1/12/2007 14:46	8.01	43.942	28.07	10.1	7.95	7.0	1.59
681	1/12/2007 15:01	8	43.859	28.01	10.1	7.95	7.6	1.63
682	1/12/2007 15:16	7.95	43.985	28.1	10.05	7.95	7.0	1.69
683	1/12/2007 15:31	7.98	44.071	28.16	9.98	7.94	7.3	1.72
684	1/12/2007 15:46	8.02	44.2	28.26	9.9	7.93	7.4	1.75
685	1/12/2007 16:01	8.02	44.295	28.32	9.85	7.93	7.1	1.80
686	1/12/2007 16:16	8.06	44.545	28.5	9.76	7.92	7.2	1.85
687	1/12/2007 16:31	8.15	44.903	28.76	9.72	7.92	7.5	1.89
688	1/12/2007 16:46	8.21	44.908	28.77	9.78	7.92	7.0	1.93
689	1/12/2007 17:01	8.32	45.331	29.08	9.71	7.91	7.2	1.98
690	1/12/2007 17:16	8.32	45.266	29.03	9.75	7.92	7.1	2.02
691	1/12/2007 17:31	8.35	45.371	29.11	9.72	7.91	7.1	2.05
692	1/12/2007 17:46	8.41	45.551	29.24	9.69	7.91	7.0	2.08
693	1/12/2007 18:01	8.39	45.45	29.17	9.74	7.91	6.9	2.12
694	1/12/2007 18:16	8.08	44.482	28.46	9.87	7.93	7.4	2.14
695	1/12/2007 18:31	8.31	44.716	28.64	9.78	7.94	7.5	2.18
696	1/12/2007 18:46	7.49	44.339	28.31	10.24	7.97	8.8	2.18
697	1/12/2007 19:01	8.47	45.726	29.37	9.56	7.91	6.6	2.19
698	1/12/2007 19:16	8.48	45.803	29.42	9.55	7.91	6.6	2.21
699	1/12/2007 19:31	8.16	45.349	29.08	9.72	7.92	6.3	2.21
700	1/12/2007 19:46	8.34	45.576	29.25	9.68	7.92	6.9	2.18
701	1/12/2007 20:01	8.27	44.997	28.84	9.73	7.91	6.5	2.18
702	1/12/2007 20:16	8.3	45.249	29.02	9.73	7.91	6.5	2.17
703	1/12/2007 20:31	8.17	45.123	28.92	9.74	7.92	7.1	2.14
704	1/12/2007 20:46	8.04	44.95	28.79	9.82	7.93	7.8	2.12
705	1/12/2007 21:01	7.62	44.47	28.42	9.93	7.94	8.3	2.09
706	1/12/2007 21:16	7.84	44.499	28.45	10.04	7.94	7.6	2.05
707	1/12/2007 21:31	7.46	44.264	28.26	10.18	7.94	7.8	2.03
708	1/12/2007 21:46	7.52	44.343	28.32	10.07	7.93	8.3	1.99
709	1/12/2007 22:01	7.39	44.202	28.21	10.13	7.95	7.8	1.95
710	1/12/2007 22:16	7.26	44.168	28.17	10.09	7.95	7.5	1.92
711	1/12/2007 22:31	7.21	44.132	28.14	10.05	7.94	7.5	1.91
712	1/12/2007 22:46	7.19	44.108	28.12	10.08	7.94	7.4	1.88
713	1/12/2007 23:01	7.25	44.07	28.1	10.11	7.95	7.2	1.88
714	1/12/2007 23:16	7.27	44.028	28.07	10.14	7.95	7.1	1.86
715	1/12/2007 23:31	7.11	44.009	28.05	10.15	7.95	7.1	1.88
716	1/12/2007 23:46	7.36	44.292	28.27	10.06	7.94	7.8	1.89
717	1/13/2007 00:01	7.48	44.258	28.25	10.11	7.95	7.0	1.88
718	1/13/2007 00:16	7.54	44.184	28.21	10.13	7.96	6.7	1.89
719	1/13/2007 00:31	7.22	44.097	28.12	10.16	7.95	6.6	1.92

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	1/13/2007 00:46	7.33	44.255	28.24	10.11	7.95	6.8	1.95
721	1/13/2007 01:01	7.3	44.257	28.24	10.09	7.94	6.8	1.95
722	1/13/2007 01:16	7.43	44.468	28.4	10.04	7.94	6.7	2.00
723	1/13/2007 01:31	8.22	45.388	29.11	9.81	7.93	7.1	2.03
724	1/13/2007 01:46	8.37	45.775	29.4	9.76	7.92	6.6	2.08
725	1/13/2007 02:01	8.24	45.684	29.32	9.85	7.93	6.6	2.13
726	1/13/2007 02:16	8.48	46.068	29.61	9.77	7.92	7.0	2.17
727	1/13/2007 02:31	8.43	45.978	29.55	9.75	7.92	7.8	2.22
728	1/13/2007 02:46	8.35	45.759	29.38	9.79	7.92	6.7	2.26
729	1/13/2007 03:01	8.32	45.664	29.31	9.83	7.92	7.9	2.32
730	1/13/2007 03:16	8.23	45.486	29.18	9.91	7.93	7.5	2.39
731	1/13/2007 03:31	8.41	46.315	29.78	9.83	7.92	7.9	2.44
732	1/13/2007 03:46	8.37	46.413	29.85	9.87	7.92	8.0	2.51
733	1/13/2007 04:01	8.18	46.012	29.55	9.89	7.92	7.5	2.55
734	1/13/2007 04:16	7.79	45.742	29.33	9.99	7.93	6.6	2.61
735	1/13/2007 04:31	8.1	46.174	29.66	9.92	7.92	6.7	2.69
736	1/13/2007 04:46	8.52	47.29	30.49	9.85	7.91	7.2	2.74
737	1/13/2007 05:01	8.49	47.28	30.48	9.88	7.92	7.1	2.81
738	1/13/2007 05:16	8.61	47.729	30.81	9.83	7.91	7.6	2.85
739	1/13/2007 05:31	8.68	48.118	31.09	9.83	7.91	7.8	2.92
740	1/13/2007 05:46	8.72	48.316	31.24	9.81	7.91	7.7	2.95
741	1/13/2007 06:01	8.74	48.47	31.35	9.79	7.91	8.0	2.98
742	1/13/2007 06:16	8.69	48.412	31.3	9.8	7.91	7.5	3.02
743	1/13/2007 06:31	8.54	48.021	31.01	9.81	7.91	7.9	3.02
744	1/13/2007 06:46	8.8	48.524	31.39	9.72	7.91	7.2	3.04
745	1/13/2007 07:01	8.82	48.53	31.4	9.72	7.91	7.5	3.02
746	1/13/2007 07:16	8.25	47.434	30.57	9.84	7.91	6.9	2.99
747	1/13/2007 07:31	8.67	48.039	31.03	9.73	7.91	7.5	2.95
748	1/13/2007 07:46	7.52	46.039	29.52	9.99	7.92	7.2	2.90
749	1/13/2007 08:01	7.74	46.563	29.91	9.86	7.91	7.4	2.86
750	1/13/2007 08:16	8.04	46.816	30.11	9.86	7.91	8.4	2.76
751	1/13/2007 08:31	8.11	46.715	30.04	9.83	7.91	8.6	2.73
752	1/13/2007 08:46	7.64	46.156	29.61	9.85	7.92	6.8	2.62
753	1/13/2007 09:01	7.79	46.293	29.72	9.83	7.91	6.6	2.58
754	1/13/2007 09:16	7.47	45.94	29.44	9.86	7.92	6.4	2.54
755	1/13/2007 09:31	7.5	45.951	29.45	9.9	7.9	6.1	2.45
756	1/13/2007 09:46	7.5	45.9	29.42	9.95	7.93	6.0	2.34
757	1/13/2007 10:01	7.41	45.724	29.28	10.07	7.95	6.3	2.30
758	1/13/2007 10:16	7.37	45.589	29.18	10.16	7.93	6.9	2.21
759	1/13/2007 10:31	7.25	45.219	28.91	10.22	7.96	6.7	2.15
760	1/13/2007 10:46	7.11	45.366	29	10.37	7.96	6.6	2.02
761	1/13/2007 11:01	7.14	44.972	28.73	10.43	7.98	7.2	1.94
762	1/13/2007 11:16	7.21	44.982	28.74	10.52	7.99	7.2	1.85
763	1/13/2007 11:31	7.1	44.766	28.58	10.64	8	6.7	1.72
764	1/13/2007 11:46	7.1	44.653	28.5	10.73	8.01	6.9	1.67
765	1/13/2007 12:01	7.15	44.601	28.47	10.82	8.02	6.7	1.57
766	1/13/2007 12:16	7.18	44.538	28.43	10.93	8.03	8.3	1.52
767	1/13/2007 12:31	7.19	44.492	28.39	10.89	8.03	7.5	1.42

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	1/13/2007 12:46	7.26	44.509	28.41	11.01	8.03	7.7	1.34
769	1/13/2007 13:01	7.25	44.365	28.31	10.99	8.03	7.5	1.33
770	1/13/2007 13:16	7.29	44.315	28.28	11.03	8.04	7.5	1.28
771	1/13/2007 13:31	7.3	44.395	28.34	10.97	8.03	6.6	1.24
772	1/13/2007 13:46	7.31	44.597	28.48	10.86	8.02	6.3	1.22
773	1/13/2007 14:01	7.3	44.638	28.51	10.78	8.01	6.7	1.23
774	1/13/2007 14:16	7.33	44.741	28.58	10.61	7.99	7.0	1.26
775	1/13/2007 14:31	7.34	44.417	28.35	10.88	8.02	6.6	1.27
776	1/13/2007 14:46	7.37	44.524	28.43	10.8	8.01	7.7	1.28
777	1/13/2007 15:01	7.31	44.65	28.52	10.66	8	7.4	1.35
778	1/13/2007 15:16	7.34	44.633	28.51	10.62	8	9.6	1.39
779	1/13/2007 15:31	7.29	44.162	28.17	10.72	8	9.2	1.43
780	1/13/2007 15:46	7.3	44.332	28.29	10.64	8	8.0	1.44
781	1/13/2007 16:01	7.32	44.489	28.4	10.57	7.99	7.5	1.55
782	1/13/2007 16:16	7.3	44.409	28.34	10.52	7.98	7.5	1.56
783	1/13/2007 16:31	7.27	44.362	28.31	10.45	7.98	7.1	1.63
784	1/13/2007 16:46	7.31	44.577	28.47	10.41	7.97	7.0	1.64
785	1/13/2007 17:01	7.31	44.627	28.5	10.37	7.97	6.9	1.73
786	1/13/2007 17:16	7.36	44.875	28.68	10.27	7.96	6.9	1.79
787	1/13/2007 17:31	7.48	45.109	28.85	10.18	7.95	7.2	1.82
788	1/13/2007 17:46	7.53	45.15	28.89	10.15	7.95	7.1	1.90
789	1/13/2007 18:01	7.61	45.288	28.99	10.11	7.94	7.4	1.95
790	1/13/2007 18:16	7.71	45.602	29.22	10.02	7.93	7.0	1.99
791	1/13/2007 18:31	7.73	45.64	29.25	10.01	7.93	7.1	2.04
792	1/13/2007 18:46	7.76	45.761	29.34	9.99	7.93	6.8	2.09
793	1/13/2007 19:01	7.78	45.85	29.4	9.98	7.93	6.7	2.11
794	1/13/2007 19:16	7.79	45.964	29.49	9.97	7.93	6.6	2.16
795	1/13/2007 19:31	7.84	46.133	29.61	9.93	7.9	6.6	2.19
796	1/13/2007 19:46	7.84	46.128	29.61	9.95	7.9	6.5	2.21
797	1/13/2007 20:01	7.88	46.317	29.74	9.91	7.93	6.3	2.24
798	1/13/2007 20:16	7.85	46.239	29.69	9.92	7.9	6.6	2.26
799	1/13/2007 20:31	7.81	46	29.51	9.89	7.9	6.3	2.27
800	1/13/2007 20:46	7.87	46.228	29.68	9.8	7.92	6.5	2.29
801	1/13/2007 21:01	7.94	46.419	29.82	9.75	7.92	6.4	2.28
802	1/13/2007 21:16	7.94	46.47	29.86	9.78	7.92	6.4	2.28
803	1/13/2007 21:31	7.93	46.393	29.8	9.79	7.92	6.6	2.26
804	1/13/2007 21:46	7.9	46.326	29.75	9.81	7.92	6.4	2.25
805	1/13/2007 22:01	7.87	46.219	29.67	9.83	7.92	6.4	2.22
806	1/13/2007 22:16	7.85	46.153	29.62	9.83	7.92	6.4	2.19
807	1/13/2007 22:31	7.81	46.02	29.53	9.86	7.9	6.4	2.14
808	1/13/2007 22:46	7.81	46.012	29.52	9.88	7.93	6.7	2.12
809	1/13/2007 23:01	7.8	45.949	29.48	9.88	7.93	6.5	2.09
810	1/13/2007 23:16	7.73	45.747	29.33	9.92	7.91	6.4	2.07
811	1/13/2007 23:31	7.65	45.581	29.2	10	7.93	6.4	2.05
812	1/13/2007 23:46	7.48	45.334	29.01	10.18	7.95	6.2	2.04
813	1/14/2007 00:01	7.38	45.197	28.91	10.28	7.96	6.2	2.01
814	1/14/2007 00:16	7.34	45.076	28.82	10.27	7.96	5.9	1.99
815	1/14/2007 00:31	7.27	45.014	28.77	10.35	7.97	5.7	1.97

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	1/14/2007 00:46	7.21	44.995	28.75	10.41	7.96	6.1	2.00
817	1/14/2007 01:01	7.15	45.106	28.82	10.05	7.93	6.4	2.00
818	1/14/2007 01:16	7.4	45.206	28.92	10.13	7.95	6.2	2.02
819	1/14/2007 01:31	7.31	45.223	28.92	10.1	7.94	6.1	2.05
820	1/14/2007 01:46	7.56	45.56	29.18	9.99	7.93	6.3	2.06
821	1/14/2007 02:01	7.59	45.607	29.22	9.94	7.92	6.1	2.10
822	1/14/2007 02:16	7.55	45.626	29.23	9.97	7.93	6.0	2.13
823	1/14/2007 02:31	7.78	46.186	29.64	9.86	7.92	6.1	2.16
824	1/14/2007 02:46	7.86	46.37	29.78	9.86	7.9	7.1	2.23
825	1/14/2007 03:01	7.81	46.406	29.8	9.87	7.9	6.7	2.26
826	1/14/2007 03:16	7.82	46.337	29.75	9.9	7.92	6.2	2.30
827	1/14/2007 03:31	7.74	46.267	29.7	9.93	7.92	6.2	2.35
828	1/14/2007 03:46	7.79	46.383	29.78	9.92	7.92	6.0	2.40
829	1/14/2007 04:01	7.79	46.38	29.78	9.93	7.92	6.3	2.45
830	1/14/2007 04:16	7.75	46.385	29.78	9.96	7.92	6.9	2.50
831	1/14/2007 04:31	7.85	46.914	30.17	9.92	7.92	6.9	2.56
832	1/14/2007 04:46	7.65	46.913	30.15	9.96	7.93	6.4	2.61
833	1/14/2007 05:01	7.27	46.51	29.83	10.06	7.93	5.9	2.68
834	1/14/2007 05:16	7.4	46.698	29.97	10.03	7.93	6.2	2.75
835	1/14/2007 05:31	7.63	47	30.21	9.96	7.92	6.2	2.81
836	1/14/2007 05:46	7.73	47.396	30.5	9.9	7.92	6.6	2.88
837	1/14/2007 06:01	8.03	48.02	30.97	9.79	7.92	7.0	2.92
838	1/14/2007 06:16	8.32	48.721	31.49	9.69	7.91	7.7	2.97
839	1/14/2007 06:31	8.27	48.727	31.49	9.69	7.91	7.1	3.01
840	1/14/2007 06:46	8.36	48.963	31.67	9.65	7.91	8.0	3.05
841	1/14/2007 07:01	8.36	48.96	31.67	9.65	7.91	6.8	3.07
842	1/14/2007 07:16	8.32	48.837	31.58	9.61	7.91	7.5	3.08
843	1/14/2007 07:31	8.37	48.871	31.61	9.61	7.91	6.7	3.09
844	1/14/2007 07:46	8.45	49.101	31.78	9.56	7.9	8.2	3.08
845	1/14/2007 08:01	8.13	48.242	31.14	9.69	7.91	6.9	3.06
846	1/14/2007 08:16	7.7	47.513	30.58	9.79	7.92	6.5	3.02
847	1/14/2007 08:31	7.87	47.394	30.51	9.72	7.91	7.1	2.97
848	1/14/2007 08:46	7.76	47.607	30.65	9.78	7.92	6.9	2.92
849	1/14/2007 09:01	7.74	47.628	30.66	9.81	7.92	7.5	2.83
850	1/14/2007 09:16	7.63	47.155	30.32	9.86	7.92	8.9	2.77
851	1/14/2007 09:31	7.22	46.64	29.92	9.95	7.92	6.3	2.71
852	1/14/2007 09:46	7.57	47.085	30.26	9.89	7.9	7.2	2.63
853	1/14/2007 10:01	7.15	46.565	29.86	10.08	7.94	5.5	2.55
854	1/14/2007 10:16	7.15	46.482	29.8	10.12	7.94	5.5	2.47
855	1/14/2007 10:31	7.18	46.354	29.71	10.2	7.95	5.9	2.38
856	1/14/2007 10:46	7.13	46.082	29.51	10.22	7.95	7.2	2.29
857	1/14/2007 11:01	7.17	46.18	29.58	10.34	7.96	6.4	2.21
858	1/14/2007 11:16	6.95	45.671	29.2	10.5	7.98	6.7	2.10
859	1/14/2007 11:31	6.97	45.642	29.19	10.62	7.99	7.2	2.00
860	1/14/2007 11:46	6.91	45.386	29	10.83	8.01	5.6	1.90
861	1/14/2007 12:01	6.99	45.423	29.03	10.94	8.02	5.6	1.79
862	1/14/2007 12:16	6.92	45.178	28.85	11.06	8.03	6.2	1.67
863	1/14/2007 12:31	7.07	45.306	28.96	11.16	8.04	5.8	1.56

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
864	1/14/2007 12:46	6.91	45.031	28.75	11.27	8.05	6.0	1.46
865	1/14/2007 13:01	6.9	44.959	28.7	11.44	8.07	5.9	1.37
866	1/14/2007 13:16	6.94	44.831	28.61	11.55	8.08	6.2	1.29
867	1/14/2007 13:31	6.93	44.806	28.59	11.6	8.08	7.5	1.22
868	1/14/2007 13:46	6.84	44.754	28.55	11.62	8.09	6.6	1.15
869	1/14/2007 14:01	6.91	44.744	28.55	11.65	8.09	6.9	1.10
870	1/14/2007 14:16	6.97	44.711	28.53	11.68	8.09	6.9	1.07
871	1/14/2007 14:31	6.85	44.874	28.63	11.41	8.06	5.6	1.05
872	1/14/2007 14:46	6.84	44.948	28.69	11.25	8.05	5.5	1.02
873	1/14/2007 15:01	6.85	45.049	28.76	11.13	8.03	6.0	1.06
874	1/14/2007 15:16	6.87	45.062	28.77	11.12	8.03	6.0	1.09
875	1/14/2007 15:31	6.88	44.88	28.64	11.3	8.06	5.5	1.11
876	1/14/2007 15:46	6.9	44.891	28.65	11.31	8.05	5.3	1.13
877	1/14/2007 16:01	6.94	45.044	28.76	11.18	8.04	5.5	1.20
878	1/14/2007 16:16	6.88	44.591	28.44	11.09	8.03	6.5	1.25
879	1/14/2007 16:31	6.87	44.636	28.47	11.04	8.03	6.1	1.28
880	1/14/2007 16:46	6.83	44.553	28.41	11.02	8.03	6.1	1.34
881	1/14/2007 17:01	6.87	44.629	28.46	11.03	8.03	6.3	1.40
882	1/14/2007 17:16	6.85	44.648	28.47	10.98	8.02	6.1	1.47
883	1/14/2007 17:31	6.84	44.584	28.43	10.96	8.02	6.0	1.53
884	1/14/2007 17:46	6.87	44.677	28.5	10.92	8.02	6.1	1.60
885	1/14/2007 18:01	6.86	44.772	28.56	10.85	8.01	6.3	1.66
886	1/14/2007 18:16	6.93	45.013	28.74	10.7	8	6.4	1.74
887	1/14/2007 18:31	7	45.068	28.78	10.6	7.99	6.7	1.79
888	1/14/2007 18:46	7.07	45.186	28.87	10.5	7.98	6.6	1.85
889	1/14/2007 19:01	7.21	45.593	29.17	10.32	7.96	6.9	1.92
890	1/14/2007 19:16	7.26	45.818	29.34	10.26	7.95	6.9	1.99
891	1/14/2007 19:31	7.24	45.993	29.46	10.28	7.95	6.7	2.03
892	1/14/2007 19:46	7.28	46.127	29.56	10.22	7.95	6.9	2.08
893	1/14/2007 20:01	7.26	45.98	29.45	10.24	7.95	6.6	2.13
894	1/14/2007 20:16	7.31	46.197	29.61	10.18	7.95	6.6	2.19
895	1/14/2007 20:31	7.33	46.321	29.7	10.15	7.94	6.9	2.23
896	1/14/2007 20:46	7.39	46.492	29.83	10.09	7.94	7.2	2.25
897	1/14/2007 21:01	7.44	46.626	29.92	10.07	7.94	7.1	2.31
898	1/14/2007 21:16	7.45	46.611	29.92	10.06	7.94	7.0	2.33
899	1/14/2007 21:31	7.46	46.674	29.96	10.03	7.93	6.9	2.35
900	1/14/2007 21:46	7.43	46.633	29.93	10.06	7.94	6.4	2.37
901	1/14/2007 22:01	7.45	46.652	29.94	9.98	7.93	7.6	2.37
902	1/14/2007 22:16	7.47	46.704	29.98	9.99	7.93	7.0	2.37
903	1/14/2007 22:31	7.46	46.672	29.96	10	7.93	6.4	2.36
904	1/14/2007 22:46	7.46	46.671	29.96	9.99	7.93	7.1	2.35
905	1/14/2007 23:01	7.45	46.664	29.95	9.99	7.93	6.7	2.32
906	1/14/2007 23:16	7.43	46.611	29.91	10.02	7.93	7.1	2.30
907	1/14/2007 23:31	7.36	46.444	29.79	10.04	7.94	6.1	2.28
908	1/14/2007 23:46	7.32	46.336	29.71	10.09	7.94	6.3	2.22
909	1/15/2007 00:01	7.31	46.295	29.68	10.11	7.94	6.4	2.20
910	1/15/2007 00:16	7.27	46.185	29.6	10.12	7.94	6.3	2.18
911	1/15/2007 00:31	7.23	46.074	29.51	10.15	7.95	6.1	2.14

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	1/15/2007 00:46	7.23	46.041	29.49	10.18	7.95	6.4	2.11
913	1/15/2007 01:01	7.1	45.787	29.3	10.28	7.96	6.0	2.09
914	1/15/2007 01:16	6.92	45.479	29.07	10.46	7.97	5.5	2.08
915	1/15/2007 01:31	6.99	45.605	29.16	10.32	7.96	5.7	2.07
916	1/15/2007 01:46	6.81	45.342	28.96	10.56	7.98	5.0	2.07
917	1/15/2007 02:01	6.56	45.243	28.87	10.34	7.96	6.1	2.09
918	1/15/2007 02:16	6.29	44.811	28.54	10.75	8	5.8	2.09
919	1/15/2007 02:31	6.94	45.76	29.27	10.23	7.95	6.6	2.12
920	1/15/2007 02:46	6.79	45.384	28.99	10.43	7.97	5.6	2.15
921	1/15/2007 03:01	7.14	45.982	29.44	10.2	7.95	6.0	2.17
922	1/15/2007 03:16	7.25	46.272	29.66	10.09	7.94	6.0	2.22
923	1/15/2007 03:31	7.25	46.348	29.71	10.08	7.94	6.1	2.27
924	1/15/2007 03:46	7.37	46.677	29.95	10.04	7.93	6.6	2.32
925	1/15/2007 04:01	7.29	46.726	29.98	10.05	7.93	5.8	2.36
926	1/15/2007 04:16	7.35	46.746	30	10.04	7.93	5.9	2.42
927	1/15/2007 04:31	7.35	46.725	29.99	10.05	7.93	6.1	2.47
928	1/15/2007 04:46	7.38	46.954	30.15	10.04	7.93	6.0	2.51
929	1/15/2007 05:01	7.38	46.964	30.16	10.04	7.93	6.0	2.58
930	1/15/2007 05:16	7.19	46.983	30.16	10.1	7.94	5.6	2.64
931	1/15/2007 05:31	7.12	47.092	30.23	10.13	7.94	5.8	2.70
932	1/15/2007 05:46	7.24	47.214	30.32	10.08	7.93	6.3	2.77
933	1/15/2007 06:01	7.25	47.349	30.42	10.07	7.93	5.8	2.83
934	1/15/2007 06:16	7.41	47.768	30.73	10.01	7.93	5.8	2.89
935	1/15/2007 06:31	7.47	47.955	30.87	9.98	7.93	5.8	2.96
936	1/15/2007 06:46	7.57	48.317	31.14	9.95	7.92	6.0	3.01
937	1/15/2007 07:01	7.56	48.387	31.19	9.95	7.93	6.0	3.07
938	1/15/2007 07:16	7.75	48.776	31.48	9.89	7.92	6.2	3.11
939	1/15/2007 07:31	7.89	48.936	31.61	9.88	7.92	6.4	3.15
940	1/15/2007 07:46	8.17	49.355	31.94	9.82	7.93	6.8	3.19
941	1/15/2007 08:01	8.25	49.471	32.03	9.8	7.93	7.3	3.21
942	1/15/2007 08:16	8.16	49.321	31.91	9.76	7.9	6.7	3.22
943	1/15/2007 08:31	8.26	49.51	32.06	9.75	7.92	8.0	3.21
944	1/15/2007 08:46	8.28	49.559	32.09	9.77	7.92	7.5	3.20
945	1/15/2007 09:01	8.24	49.389	31.97	9.77	7.92	7.2	3.15
946	1/15/2007 09:16	7.37	48.285	31.1	9.95	7.92	6.7	3.12
947	1/15/2007 09:31	7.7	48.37	31.19	9.85	7.92	6.6	3.05
948	1/15/2007 09:46	7.59	48.286	31.12	9.91	7.92	7.8	2.97
949	1/15/2007 10:01	7.34	47.808	30.76	9.99	7.93	6.7	2.91
950	1/15/2007 10:16	7.18	47.387	30.44	10.06	7.93	6.8	2.83
951	1/15/2007 10:31	7.09	47.018	30.17	10.12	7.94	6.0	2.73
952	1/15/2007 10:46	7.05	46.854	30.05	10.21	7.94	5.7	2.64
953	1/15/2007 11:01	7.12	46.882	30.08	10.29	7.95	5.5	2.56
954	1/15/2007 11:16	7.08	46.643	29.9	10.43	7.97	5.5	2.44
955	1/15/2007 11:31	7.12	46.569	29.86	10.49	7.97	6.0	2.34
956	1/15/2007 11:46	6.99	46.319	29.67	10.6	7.98	6.8	2.24
957	1/15/2007 12:01	6.95	46.153	29.54	10.75	8	6.8	2.11
958	1/15/2007 12:16	7.08	46.208	29.6	10.87	8.01	6.9	2.00
959	1/15/2007 12:31	7.09	46.089	29.51	11.05	8.02	6.6	1.89

sonde #4		Indian Island Long-Term Deployment			Water Quality Data			TP #4
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth
			mS/cm	ppt	mg/L		NTU	meters
960	1/15/2007 12:46	7.05	45.866	29.35	11.24	8.04	6.7	1.77
961	1/15/2007 13:01	7.17	45.913	29.4	11.34	8.04	6.4	1.63
962	1/15/2007 13:16	7.12	45.799	29.31	11.47	8.06	6.5	1.51
963	1/15/2007 13:31	7.08	45.676	29.22	11.61	8.07	6.5	1.39
964	1/15/2007 13:46	6.94	45.463	29.06	11.77	8.09	7.7	1.28
965	1/15/2007 14:01	7.03	45.464	29.07	11.85	8.1	8.4	1.18
966	1/15/2007 14:16	6.91	45.253	28.91	12.01	8.11	9.4	1.08
967	1/15/2007 14:31	6.83	45.184	28.85	12.09	8.12	8.6	1.01
968	1/15/2007 14:46	6.84	45.141	28.82	12.13	8.12	7.8	0.95
969	1/15/2007 15:01	6.84	45.117	28.8	12.14	8.13	7.7	0.90
970	1/15/2007 15:16	6.93	45.196	28.87	12.16	8.13	8.0	0.88
971	1/15/2007 15:31	6.96	45.178	28.86	12.13	8.12	8.1	0.89
972	1/15/2007 15:46	6.93	45.202	28.87	12.05	8.11	8.0	0.91
973	1/15/2007 16:01	6.94	45.272	28.92	11.93	8.1	8.5	0.95
974	1/15/2007 16:16	6.87	45.31	28.94	11.85	8.1	8.1	1.00
975	1/15/2007 16:31	6.85	45.289	28.93	11.85	8.1	7.4	1.04
976	1/15/2007 16:46	6.78	44.814	28.59	11.84	8.09	7.6	1.09
977	1/15/2007 17:01	6.74	44.615	28.44	11.71	8.08	7.5	1.14
978	1/15/2007 17:16	6.77	44.866	28.62	11.64	8.08	7.4	1.20
979	1/15/2007 17:31	6.74	44.858	28.61	11.55	8.07	7.2	1.26
980	1/15/2007 17:46	6.71	44.729	28.52	11.51	8.07	6.9	1.32
981	1/15/2007 18:01	6.72	44.806	28.57	11.46	8.06	7.4	1.40
982	1/15/2007 18:16	6.71	44.701	28.5	11.45	8.06	7.0	1.46
983	1/15/2007 18:31	6.77	45.042	28.75	11.35	8.05	6.6	1.54
984	1/15/2007 18:46	6.75	44.97	28.69	11.21	8.04	7.4	1.62
985	1/15/2007 19:01	6.84	45.287	28.92	11.04	8.02	7.2	1.69
986	1/15/2007 19:16	6.89	45.408	29.01	10.92	8.01	7.2	1.78
987	1/15/2007 19:31	6.92	45.487	29.07	10.8	8	7.4	1.87
988	1/15/2007 19:46	7.05	46.113	29.53	10.57	7.98	7.7	1.94
989	1/15/2007 20:01	7.06	46.32	29.67	10.55	7.98	8.3	2.01
990	1/15/2007 20:16	7.09	46.438	29.76	10.5	7.97	8.1	2.09
991	1/15/2007 20:31	7.12	46.546	29.84	10.45	7.97	8.9	2.15
992	1/15/2007 20:46	7.13	46.284	29.65	10.43	7.96	9.0	2.21
993	1/15/2007 21:01	7.18	46.678	29.94	10.37	7.96	9.5	2.28
994	1/15/2007 21:16	7.22	46.761	30	10.33	7.96	9.8	2.33
995	1/15/2007 21:31	7.25	46.856	30.07	10.29	7.95	9.1	2.37
996	1/15/2007 21:46	7.27	46.936	30.13	10.26	7.95	8.5	2.42
997	1/15/2007 22:01	7.29	47	30.18	10.25	7.95	8.0	2.46
998	1/15/2007 22:16	7.29	47.065	30.22	10.23	7.95	8.1	2.49
999	1/15/2007 22:31	7.32	47.114	30.26	10.21	7.94	8.2	2.52
1000	1/15/2007 22:46	7.44	47.388	30.47	10.13	7.94	8.9	2.54
1001	1/15/2007 23:01	7.3	47.083	30.24	10.17	7.94	7.3	2.54
1002	1/15/2007 23:16	7.4	47.286	30.39	10.12	7.94	7.5	2.55
1003	1/15/2007 23:31	7.37	47.173	30.31	10.13	7.94	7.3	2.52
1004	1/15/2007 23:46	7.4	47.284	30.39	10.12	7.94	9.2	2.50
1005	1/16/2007 00:01	7.33	47.15	30.29	10.15	7.94	8.1	2.47
1006	1/16/2007 00:16	7.13	46.82	30.03	10.23	7.95	7.2	2.43
1007	1/16/2007 00:31	7.03	46.614	29.88	10.32	7.96	7.1	2.40

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	1/16/2007 00:46	7.09	46.607	29.88	10.34	7.96	7.2	2.35
1009	1/16/2007 01:01	7.11	46.644	29.91	10.34	7.96	7.4	2.31
1010	1/16/2007 01:16	7.07	46.656	29.91	10.33	7.96	6.5	2.27
1011	1/16/2007 01:31	7.04	46.602	29.87	10.33	7.96	6.8	2.23
1012	1/16/2007 01:46	6.94	46.429	29.74	10.39	7.97	6.6	2.20
1013	1/16/2007 02:01	6.86	46.28	29.63	10.44	7.97	6.1	2.18
1014	1/16/2007 02:16	6.68	45.94	29.37	10.58	7.99	6.1	2.15
1015	1/16/2007 02:31	6.6	45.875	29.32	10.61	7.99	6.1	2.13
1016	1/16/2007 02:46	6.81	46.172	29.55	10.43	7.97	6.2	2.14
1017	1/16/2007 03:01	6.52	45.89	29.32	10.49	7.97	5.9	2.15
1018	1/16/2007 03:16	6.59	45.933	29.36	10.56	7.98	5.6	2.16
1019	1/16/2007 03:31	6.68	46.074	29.46	10.53	7.98	5.8	2.17
1020	1/16/2007 03:46	6.9	46.418	29.73	10.38	7.96	6.3	2.21
1021	1/16/2007 04:01	6.83	46.32	29.65	10.4	7.97	6.3	2.25
1022	1/16/2007 04:16	6.73	46.232	29.58	10.54	7.98	6.3	2.29
1023	1/16/2007 04:31	6.92	46.481	29.77	10.39	7.97	6.5	2.33
1024	1/16/2007 04:46	7.1	46.955	30.13	10.26	7.96	6.3	2.38
1025	1/16/2007 05:01	7.26	47.329	30.41	10.16	7.95	6.1	2.44
1026	1/16/2007 05:16	7.32	47.561	30.58	10.13	7.95	6.7	2.50
1027	1/16/2007 05:31	7.23	47.469	30.5	10.15	7.95	6.5	2.56
1028	1/16/2007 05:46	7.32	47.728	30.7	10.1	7.95	6.7	2.63
1029	1/16/2007 06:01	7.27	47.744	30.7	10.1	7.94	7.3	2.69
1030	1/16/2007 06:16	7.36	48.071	30.94	10.05	7.94	6.7	2.76
1031	1/16/2007 06:31	7.42	48.176	31.03	10.01	7.94	6.6	2.83
1032	1/16/2007 06:46	7.53	48.422	31.21	9.94	7.94	6.5	2.89
1033	1/16/2007 07:01	7.85	48.953	31.62	9.74	7.93	7.5	2.97
1034	1/16/2007 07:16	8.11	49.373	31.94	9.63	7.92	8.3	3.04
1035	1/16/2007 07:31	8.13	49.442	31.99	9.6	7.92	9.8	3.09
1036	1/16/2007 07:46	8.23	49.671	32.17	9.53	7.9	8.7	3.15
1037	1/16/2007 08:01	8.23	49.729	32.21	9.52	7.89	7.7	3.20
1038	1/16/2007 08:16	8.22	49.758	32.23	9.51	7.89	8.3	3.25
1039	1/16/2007 08:31	8.2	49.778	32.24	9.51	7.89	7.6	3.28
1040	1/16/2007 08:46	8.19	49.83	32.28	9.49	7.89	7.8	3.31
1041	1/16/2007 09:01	8.18	49.85	32.29	9.48	7.89	8.6	3.33
1042	1/16/2007 09:16	8.18	49.742	32.21	9.47	7.89	7.5	3.33
1043	1/16/2007 09:31	8.18	49.861	32.3	9.45	7.89	7.8	3.32
1044	1/16/2007 09:46	8.19	49.862	32.3	9.45	7.89	8.0	3.29
1045	1/16/2007 10:01	8.12	49.742	32.21	9.48	7.89	7.8	3.25
1046	1/16/2007 10:16	7.58	48.47	31.25	9.77	7.92	7.2	3.19
1047	1/16/2007 10:31	7.45	48.258	31.09	9.86	7.93	6.8	3.11
1048	1/16/2007 10:46	7.57	48.408	31.2	9.89	7.93	9.1	3.03
1049	1/16/2007 11:01	7.34	48.004	30.9	10.07	7.94	7.0	2.93
1050	1/16/2007 11:16	7.35	47.998	30.89	10.07	7.94	6.7	2.83
1051	1/16/2007 11:31	7.22	47.816	30.75	10.19	7.95	5.8	2.73
1052	1/16/2007 11:46	6.86	46.847	30.03	10.44	7.97	7.1	2.61
1053	1/16/2007 12:01	6.97	47.005	30.15	10.39	7.97	6.4	2.51
1054	1/16/2007 12:16	7.03	47.106	30.23	10.44	7.97	6.1	2.39
1055	1/16/2007 12:31	7.12	47.221	30.32	10.41	7.97	5.8	2.28

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	1/16/2007 12:46	7.08	47.091	30.22	10.51	7.98	6.1	2.14
1057	1/16/2007 13:01	7.02	46.893	30.08	10.63	7.99	6.6	2.02
1058	1/16/2007 13:16	7.03	46.867	30.06	10.69	7.99	7.3	1.89
1059	1/16/2007 13:31	6.98	46.733	29.96	10.8	8	8.5	1.76
1060	1/16/2007 13:46	6.89	46.497	29.78	10.96	8.02	8.0	1.62
1061	1/16/2007 14:01	6.7	46.104	29.49	11.22	8.04	8.0	1.48
1062	1/16/2007 14:16	6.75	46.056	29.46	11.38	8.06	7.8	1.34
1063	1/16/2007 14:31	6.69	45.849	29.31	11.51	8.07	7.4	1.22
1064	1/16/2007 14:46	6.61	45.675	29.18	11.6	8.08	8.0	1.09
1065	1/16/2007 15:01	6.59	45.615	29.13	11.63	8.08	9.2	0.99
1066	1/16/2007 15:16	6.5	45.467	29.02	11.69	8.09	8.8	0.90
1067	1/16/2007 15:31	6.5	45.422	28.99	11.72	8.09	9.7	0.82
1068	1/16/2007 15:46	6.48	45.39	28.96	11.7	8.09	8.1	0.77
1069	1/16/2007 16:01	6.55	45.463	29.02	11.71	8.09	9.4	0.75
1070	1/16/2007 16:16	6.53	45.44	29	11.68	8.09	9.2	0.77
1071	1/16/2007 16:31	6.54	45.496	29.04	11.65	8.08	8.7	0.80
1072	1/16/2007 16:46	6.55	45.553	29.08	11.58	8.07	8.6	0.84
1073	1/16/2007 17:01	6.56	45.584	29.11	11.55	8.07	9.3	0.90
1074	1/16/2007 17:16	6.57	45.608	29.12	11.52	8.07	8.5	0.95
1075	1/16/2007 17:31	6.48	45.193	28.82	11.48	8.07	7.7	1.00
1076	1/16/2007 17:46	6.39	44.898	28.61	11.47	8.06	8.1	1.08
1077	1/16/2007 18:01	6.44	45.068	28.73	11.44	8.06	7.7	1.12
1078	1/16/2007 18:16	6.43	45.125	28.77	11.4	8.06	7.2	1.20
1079	1/16/2007 18:31	6.42	45.103	28.75	11.35	8.06	7.5	1.27
1080	1/16/2007 18:46	6.45	45.141	28.78	11.34	8.06	7.4	1.34
1081	1/16/2007 19:01	6.45	45.099	28.75	11.32	8.05	7.1	1.41
1082	1/16/2007 19:16	6.48	45.203	28.83	11.1	8.03	7.8	1.50
1083	1/16/2007 19:31	6.56	45.276	28.89	10.98	8.02	7.8	1.60
1084	1/16/2007 19:46	6.64	45.675	29.18	10.9	8.01	8.0	1.68
1085	1/16/2007 20:01	6.85	46.324	29.66	10.62	7.99	8.4	1.77
1086	1/16/2007 20:16	6.91	46.499	29.79	10.57	7.98	8.6	1.87
1087	1/16/2007 20:31	6.94	46.565	29.84	10.54	7.98	8.9	1.96
1088	1/16/2007 20:46	6.98	46.69	29.93	10.5	7.98	9.6	2.04
1089	1/16/2007 21:01	7.02	46.866	30.06	10.45	7.97	10.9	2.11
1090	1/16/2007 21:16	7.1	47.088	30.22	10.37	7.97	11.8	2.20
1091	1/16/2007 21:31	7.14	47.176	30.29	10.34	7.96	12.1	2.27
1092	1/16/2007 21:46	7.22	47.295	30.38	10.28	7.96	13.2	2.33
1093	1/16/2007 22:01	7.25	47.398	30.46	10.25	7.95	12.2	2.38
1094	1/16/2007 22:16	7.27	47.461	30.5	10.24	7.95	11.8	2.44
1095	1/16/2007 22:31	7.34	47.636	30.63	10.18	7.95	11.1	2.50
1096	1/16/2007 22:46	7.44	47.876	30.81	10.09	7.94	11.5	2.56
1097	1/16/2007 23:01	7.56	48.211	31.06	9.96	7.94	10.8	2.58
1098	1/16/2007 23:16	7.67	48.512	31.29	9.85	7.94	10.2	2.61
1099	1/16/2007 23:31	7.71	48.589	31.35	9.81	7.93	9.4	2.65
1100	1/16/2007 23:46	7.66	48.473	31.26	9.81	7.93	8.9	2.64
1101	1/17/2007 00:01	7.65	48.314	31.14	9.83	7.93	9.4	2.64
1102	1/17/2007 00:16	7.62	48.236	31.09	9.82	7.93	8.1	2.62
1103	1/17/2007 00:31	7.27	47.68	30.66	10.01	7.95	8.0	2.58

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	1/17/2007 00:46	7.29	47.631	30.62	10.11	7.95	9.1	2.54
1105	1/17/2007 01:01	7.16	47.364	30.42	10.2	7.95	11.0	2.47
1106	1/17/2007 01:16	7.01	47.119	30.24	10.26	7.96	9.2	2.42
1107	1/17/2007 01:31	6.98	47.074	30.2	10.29	7.96	8.2	2.37
1108	1/17/2007 01:46	6.96	47.052	30.18	10.28	7.96	7.8	2.31
1109	1/17/2007 02:01	6.94	47.071	30.19	10.26	7.96	7.4	2.26
1110	1/17/2007 02:16	6.82	46.936	30.09	10.32	7.96	6.7	2.22
1111	1/17/2007 02:31	6.76	46.821	30	10.35	7.97	6.7	2.20
1112	1/17/2007 02:46	6.7	46.694	29.9	10.39	7.97	6.3	2.14
1113	1/17/2007 03:01	6.65	46.628	29.85	10.38	7.97	6.0	2.12
1114	1/17/2007 03:16	6.59	46.533	29.78	10.39	7.97	6.3	2.10
1115	1/17/2007 03:31	6.56	46.503	29.76	10.39	7.97	5.8	2.09
1116	1/17/2007 03:46	6.56	46.491	29.75	10.4	7.97	6.1	2.09
1117	1/17/2007 04:01	6.58	46.609	29.83	10.36	7.97	5.9	2.08
1118	1/17/2007 04:16	6.63	46.727	29.92	10.33	7.96	6.4	2.11
1119	1/17/2007 04:31	6.63	46.724	29.92	10.32	7.96	6.1	2.13
1120	1/17/2007 04:46	6.61	46.682	29.89	10.36	7.97	6.0	2.16
1121	1/17/2007 05:01	6.78	46.851	30.02	10.31	7.96	7.1	2.21
1122	1/17/2007 05:16	6.72	46.801	29.98	10.36	7.96	7.3	2.27
1123	1/17/2007 05:31	6.85	46.944	30.1	10.28	7.96	7.7	2.33
1124	1/17/2007 05:46	7.07	47.474	30.49	10.11	7.95	7.2	2.39
1125	1/17/2007 06:01	7.15	47.636	30.62	10.01	7.95	7.4	2.46
1126	1/17/2007 06:16	7.31	48.1	30.96	9.86	7.94	7.4	2.53
1127	1/17/2007 06:31	7.28	48.024	30.9	9.89	7.94	7.8	2.58
1128	1/17/2007 06:46	7.44	48.415	31.2	9.79	7.93	8.1	2.66
1129	1/17/2007 07:01	7.55	48.73	31.43	9.66	7.93	7.6	2.74
1130	1/17/2007 07:16	7.6	48.857	31.53	9.56	7.92	7.5	2.82
1131	1/17/2007 07:31	7.93	49.44	31.98	9.17	7.91	10.4	2.89
1132	1/17/2007 07:46	8	49.595	32.09	9.09	7.9	12.2	2.97
1133	1/17/2007 08:01	8.02	49.748	32.2	9.06	7.9	10.4	3.06
1134	1/17/2007 08:16	8	49.802	32.24	9.04	7.9	10.9	3.13
1135	1/17/2007 08:31	8.05	49.91	32.32	8.98	7.9	11.5	3.20
1136	1/17/2007 08:46	8.01	49.967	32.36	9.01	7.9	9.4	3.26
1137	1/17/2007 09:01	8.1	50.132	32.49	8.9	7.89	10.7	3.32
1138	1/17/2007 09:16	8.2	50.356	32.66	8.81	7.88	10.0	3.37
1139	1/17/2007 09:31	8.23	50.394	32.69	8.78	7.88	8.9	3.40
1140	1/17/2007 09:46	8.25	50.416	32.71	8.75	7.88	9.1	3.41
1141	1/17/2007 10:01	8.15	50.228	32.56	8.81	7.88	8.9	3.42
1142	1/17/2007 10:16	8.26	50.449	32.73	8.72	7.88	9.4	3.41
1143	1/17/2007 10:31	7.5	48.841	31.51	9.47	7.93	7.1	3.37
1144	1/17/2007 10:46	7.82	49.242	31.82	9.35	7.91	7.6	3.31
1145	1/17/2007 11:01	7.86	49.301	31.87	9.37	7.91	8.3	3.24
1146	1/17/2007 11:16	7.83	49.231	31.82	9.38	7.91	8.8	3.17
1147	1/17/2007 11:31	7.7	48.862	31.54	9.52	7.92	9.1	3.07
1148	1/17/2007 11:46	7.58	48.6	31.34	9.69	7.93	11.3	2.95
1149	1/17/2007 12:01	7.53	48.464	31.24	9.76	7.93	9.7	2.85
1150	1/17/2007 12:16	7.62	48.433	31.23	9.96	7.94	15.1	2.74
1151	1/17/2007 12:31	7.73	48.557	31.33	9.93	7.94	14.6	2.63

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	1/17/2007 12:46	7.76	48.479	31.27	10.06	7.95	16.0	2.50
1153	1/17/2007 13:01	7.72	48.299	31.14	10.12	7.96	13.8	2.36
1154	1/17/2007 13:16	7.8	48.267	31.13	10.18	7.96	16.0	2.25
1155	1/17/2007 13:31	7.62	47.78	30.76	10.41	7.97	18.2	2.11
1156	1/17/2007 13:46	7.67	47.72	30.72	10.51	7.98	22.1	1.98
1157	1/17/2007 14:01	7.55	47.409	30.49	10.65	7.99	25.1	1.83
1158	1/17/2007 14:16	7.6	47.189	30.34	10.74	8	24.1	1.68
1159	1/17/2007 14:31	7.29	46.83	30.06	10.93	8.01	26.2	1.54
1160	1/17/2007 14:46	7.34	46.867	30.09	10.96	8.01	27.8	1.38
1161	1/17/2007 15:01	7.29	46.699	29.96	11.01	8.02	31.8	1.23
1162	1/17/2007 15:16	7.24	46.609	29.9	11.08	8.02	27.1	1.08
1163	1/17/2007 15:31	7.22	46.535	29.84	11.08	8.02	26.5	0.93
1164	1/17/2007 15:46	7.26	46.558	29.86	11.08	8.02	27.4	0.81
1165	1/17/2007 16:01	7.23	46.431	29.77	11.16	8.03	22.6	0.68
1166	1/17/2007 16:16	7.19	46.315	29.68	11.21	8.04	20.2	0.62
1167	1/17/2007 16:31	7	45.761	29.27	11.46	8.06	20.5	0.55
1168	1/17/2007 16:46	7.01	45.833	29.32	11.49	8.07	19.5	0.57
1169	1/17/2007 17:01	6.98	45.79	29.29	11.53	8.07	18.8	0.58
1170	1/17/2007 17:16	6.93	45.706	29.23	11.52	8.07	18.3	0.64
1171	1/17/2007 17:31	6.93	45.755	29.26	11.48	8.06	16.6	0.70
1172	1/17/2007 17:46	6.88	45.663	29.19	11.52	8.07	19.1	0.75
1173	1/17/2007 18:01	6.95	45.78	29.28	11.41	8.06	18.2	0.80
1174	1/17/2007 18:16	6.94	45.806	29.3	11.41	8.06	16.1	0.85
1175	1/17/2007 18:31	6.89	45.781	29.28	11.45	8.06	16.3	0.93
1176	1/17/2007 18:46	6.9	45.799	29.29	11.42	8.06	16.1	0.97
1177	1/17/2007 19:01	6.84	45.527	29.09	11.37	8.05	15.3	1.07
1178	1/17/2007 19:16	6.76	45.23	28.88	11.41	8.05	15.5	1.15
1179	1/17/2007 19:31	6.81	45.277	28.91	11.38	8.05	15.2	1.23
1180	1/17/2007 19:46	6.77	45.017	28.73	11.33	8.04	15.7	1.34
1181	1/17/2007 20:01	6.78	44.863	28.62	11.23	8.03	13.8	1.43
1182	1/17/2007 20:16	6.95	45.743	29.26	11.04	8.01	14.3	1.53
1183	1/17/2007 20:31	7	46.044	29.47	10.86	8	14.9	1.65
1184	1/17/2007 20:46	7.06	46.289	29.65	10.76	7.99	13.8	1.75
1185	1/17/2007 21:01	7.09	46.447	29.77	10.7	7.99	14.3	1.85
1186	1/17/2007 21:16	7.1	46.56	29.85	10.66	7.99	14.5	1.96
1187	1/17/2007 21:31	7.2	47.044	30.2	10.52	7.98	22.4	2.04
1188	1/17/2007 21:46	7.22	47.125	30.26	10.46	7.97	21.5	2.12
1189	1/17/2007 22:01	7.27	47.355	30.43	10.37	7.97	19.7	2.22
1190	1/17/2007 22:16	7.33	47.56	30.58	10.27	7.96	18.5	2.29
1191	1/17/2007 22:31	7.38	47.703	30.69	10.19	7.95	19.7	2.36
1192	1/17/2007 22:46	7.47	47.947	30.87	10.18	7.95	17.5	2.43
1193	1/17/2007 23:01	7.59	48.288	31.12	10.2	7.94	17.7	2.48
1194	1/17/2007 23:16	7.7	48.621	31.37	10.2	7.93	15.8	2.54
1195	1/17/2007 23:31	7.75	48.758	31.47	10.2	7.93	15.3	2.58
1196	1/17/2007 23:46	7.79	48.891	31.57	10.19	7.93	12.4	2.62
1197	1/18/2007 00:01	7.85	49.051	31.69	10.18	7.93	12.7	2.66
1198	1/18/2007 00:16	7.9	49.151	31.77	10.16	7.93	11.7	2.67
1199	1/18/2007 00:31	7.81	48.912	31.59	10.13	7.93	11.6	2.68

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	1/18/2007 00:46	7.92	49.191	31.8	10.14	7.93	11.7	2.66
1201	1/18/2007 01:01	7.9	49.145	31.76	10.15	7.93	11.5	2.63
1202	1/18/2007 01:16	7.78	48.816	31.52	10.14	7.93	11.4	2.57
1203	1/18/2007 01:31	7.27	47.935	30.84	10.28	7.95	11.1	2.52
1204	1/18/2007 01:46	7.02	47.549	30.54	10.28	7.95	13.1	2.46
1205	1/18/2007 02:01	7.25	47.738	30.7	10.22	7.95	15.4	2.40
1206	1/18/2007 02:16	7.2	47.652	30.63	10.21	7.95	18.6	2.33
1207	1/18/2007 02:31	7.18	47.533	30.55	10.21	7.96	14.6	2.26
1208	1/18/2007 02:46	7.01	46.926	30.1	10.31	7.96	14.7	2.22
1209	1/18/2007 03:01	6.9	47.03	30.16	10.36	7.97	10.0	2.15
1210	1/18/2007 03:16	6.78	46.901	30.06	10.4	7.97	8.6	2.09
1211	1/18/2007 03:31	6.7	46.707	29.91	10.46	7.97	8.9	2.04
1212	1/18/2007 03:46	6.61	46.52	29.77	10.5	7.98	8.6	2.01
1213	1/18/2007 04:01	6.58	46.398	29.68	10.52	7.98	8.6	1.97
1214	1/18/2007 04:16	6.57	46.346	29.65	10.53	7.98	8.2	1.96
1215	1/18/2007 04:31	6.79	46.615	29.86	10.45	7.97	8.5	1.95
1216	1/18/2007 04:46	6.7	46.703	29.91	10.42	7.97	8.3	1.96
1217	1/18/2007 05:01	6.61	46.571	29.81	10.46	7.97	7.7	2.00
1218	1/18/2007 05:16	6.67	46.704	29.91	10.43	7.97	8.0	2.02
1219	1/18/2007 05:31	6.76	46.87	30.03	10.34	7.96	7.9	2.06
1220	1/18/2007 05:46	6.93	47.052	30.18	10.32	7.96	10.5	2.13
1221	1/18/2007 06:01	6.94	47.164	30.26	10.3	7.96	10.0	2.19
1222	1/18/2007 06:16	7.16	47.593	30.59	10.22	7.95	13.4	2.25
1223	1/18/2007 06:31	7.08	47.516	30.52	10.26	7.95	9.4	2.32
1224	1/18/2007 06:46	7.21	47.805	30.74	10.22	7.94	10.0	2.39
1225	1/18/2007 07:01	7.52	48.458	31.24	10.17	7.94	15.4	2.46
1226	1/18/2007 07:16	7.53	48.519	31.28	10.18	7.94	13.3	2.53
1227	1/18/2007 07:31	7.68	48.82	31.51	10.15	7.93	13.5	2.61
1228	1/18/2007 07:46	7.79	48.981	31.63	10.13	7.93	14.4	2.69
1229	1/18/2007 08:01	7.85	49.139	31.75	10.11	7.93	13.2	2.76
1230	1/18/2007 08:16	7.87	49.225	31.82	10.1	7.93	14.5	2.84
1231	1/18/2007 08:31	7.97	49.491	32.02	10.03	7.92	16.6	2.94
1232	1/18/2007 08:46	8.03	49.72	32.19	9.98	7.92	16.3	3.01
1233	1/18/2007 09:01	8.11	49.912	32.33	9.93	7.92	14.6	3.10
1234	1/18/2007 09:16	8.21	50.154	32.51	9.83	7.91	13.8	3.18
1235	1/18/2007 09:31	8.27	50.313	32.63	9.75	7.91	14.3	3.24
1236	1/18/2007 09:46	8.32	50.388	32.69	9.68	7.9	13.4	3.31
1237	1/18/2007 10:01	8.4	50.523	32.8	9.58	7.9	13.6	3.37
1238	1/18/2007 10:16	8.44	50.589	32.85	9.45	7.89	12.0	3.42
1239	1/18/2007 10:31	8.44	50.676	32.91	9.38	7.89	11.3	3.45
1240	1/18/2007 10:46	8.29	50.235	32.58	9.6	7.9	10.2	3.45
1241	1/18/2007 11:01	8.41	50.615	32.86	9.39	7.89	11.6	3.46
1242	1/18/2007 11:16	8.45	50.734	32.95	9.3	7.89	10.8	3.42
1243	1/18/2007 11:31	8.4	50.487	32.77	9.41	7.89	11.6	3.36
1244	1/18/2007 11:46	8.34	49.942	32.37	9.93	7.92	10.0	3.28
1245	1/18/2007 12:01	8.22	49.619	32.13	9.99	7.92	8.6	3.21
1246	1/18/2007 12:16	8.23	49.67	32.17	10.03	7.93	8.5	3.10
1247	1/18/2007 12:31	8.14	49.376	31.95	10.15	7.93	8.3	2.98

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1248	1/18/2007 12:46	8.01	48.807	31.53	10.19	7.93	9.9	2.86
1249	1/18/2007 13:01	8.04	48.767	31.5	10.26	7.94	8.1	2.73
1250	1/18/2007 13:16	8.07	48.74	31.49	10.32	7.95	9.4	2.62
1251	1/18/2007 13:31	7.97	48.64	31.41	10.42	7.96	8.8	2.48
1252	1/18/2007 13:46	7.96	48.417	31.25	10.5	7.96	8.7	2.34
1253	1/18/2007 14:01	8.07	48.539	31.34	10.61	7.97	8.4	2.20
1254	1/18/2007 14:16	7.75	47.789	30.78	10.73	7.98	12.7	2.07
1255	1/18/2007 14:31	7.74	47.748	30.75	10.8	7.99	11.4	1.92
1256	1/18/2007 14:46	7.76	47.583	30.63	10.91	8	10.5	1.74
1257	1/18/2007 15:01	7.67	47.361	30.47	11.07	8.03	11.1	1.61
1258	1/18/2007 15:16	7.67	47.224	30.37	11.29	8.04	13.8	1.45
1259	1/18/2007 15:31	7.53	46.942	30.16	11.38	8.06	14.1	1.26
1260	1/18/2007 15:46	7.33	46.595	29.89	11.5	8.07	14.3	1.11
1261	1/18/2007 16:01	7.33	46.475	29.81	11.57	8.08	13.3	0.94
1262	1/18/2007 16:16	7.28	46.304	29.68	11.67	8.07	12.8	0.78
1263	1/18/2007 16:31	7.27	46.219	29.62	11.7	8.08	13.8	0.65
1264	1/18/2007 16:46	7.21	46.06	29.5	11.8	8.09	13.0	0.53
1265	1/18/2007 17:01	7.22	46.03	29.48	11.81	8.09	13.0	0.48
1266	1/18/2007 17:16	7.23	46.133	29.56	11.74	8.09	11.6	0.43
1267	1/18/2007 17:31	7.22	46.149	29.57	11.74	8.08	11.5	0.47
1268	1/18/2007 17:46	7.22	46.183	29.59	11.7	8.08	11.0	0.53
1269	1/18/2007 18:01	7.2	46.168	29.58	11.68	8.08	11.2	0.60
1270	1/18/2007 18:16	7.2	46.17	29.58	11.67	8.08	10.7	0.68
1271	1/18/2007 18:31	7.18	46.196	29.6	11.64	8.07	10.1	0.73
1272	1/18/2007 18:46	6.99	45.267	28.92	11.52	8.05	10.8	0.79
1273	1/18/2007 19:01	7.03	45.54	29.12	11.49	8.05	10.7	0.83
1274	1/18/2007 19:16	7.07	45.683	29.22	11.5	8.06	10.5	0.89
1275	1/18/2007 19:31	7.11	45.855	29.35	11.48	8.06	10.3	0.97
1276	1/18/2007 19:46	7.1	45.698	29.24	11.45	8.05	10.0	1.05
1277	1/18/2007 20:01	7.11	45.752	29.28	11.45	8.05	9.7	1.14
1278	1/18/2007 20:16	7.02	45.346	28.98	11.4	8.04	10.0	1.23
1279	1/18/2007 20:31	7.02	45.399	29.02	11.34	8.03	9.9	1.34
1280	1/18/2007 20:46	7.2	46.256	29.64	11.07	8.01	11.1	1.46
1281	1/18/2007 21:01	7.18	46.124	29.55	11	8.01	11.4	1.56
1282	1/18/2007 21:16	7.31	46.713	29.97	10.83	7.99	12.1	1.68
1283	1/18/2007 21:31	7.31	46.806	30.04	10.8	7.99	11.9	1.80
1284	1/18/2007 21:46	7.41	47.152	30.3	10.71	7.98	14.6	1.91
1285	1/18/2007 22:01	7.47	47.442	30.51	10.64	7.98	15.7	2.02
1286	1/18/2007 22:16	7.52	47.693	30.69	10.57	7.97	18.5	2.10
1287	1/18/2007 22:31	7.59	47.886	30.83	10.48	7.96	18.6	2.20
1288	1/18/2007 22:46	7.67	48.024	30.94	10.41	7.95	20.4	2.28
1289	1/18/2007 23:01	7.71	48.161	31.04	10.37	7.95	18.1	2.35
1290	1/18/2007 23:16	7.81	48.451	31.26	10.27	7.94	16.4	2.43
1291	1/18/2007 23:31	7.95	48.846	31.55	10.12	7.94	14.9	2.50
1292	1/18/2007 23:46	8.09	49.214	31.83	9.98	7.93	15.7	2.56
1293	1/19/2007 00:01	8.14	49.373	31.95	9.91	7.93	14.9	2.61
1294	1/19/2007 00:16	8.18	49.491	32.04	9.84	7.92	13.2	2.67
1295	1/19/2007 00:31	8.17	49.502	32.04	9.82	7.92	12.4	2.71

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	1/19/2007 00:46	8.22	49.595	32.11	9.76	7.92	12.1	2.74
1297	1/19/2007 01:01	8.07	49.265	31.86	9.84	7.93	9.7	2.75
1298	1/19/2007 01:16	8.22	49.594	32.11	9.73	7.92	10.9	2.74
1299	1/19/2007 01:31	8.05	49.176	31.8	9.81	7.92	10.4	2.70
1300	1/19/2007 01:46	7.9	48.792	31.51	9.93	7.93	10.0	2.67
1301	1/19/2007 02:01	7.69	48.47	31.26	10.1	7.94	11.3	2.60
1302	1/19/2007 02:16	7.67	48.47	31.26	10.15	7.94	9.8	2.53
1303	1/19/2007 02:31	7.73	48.501	31.29	10.15	7.94	16.3	2.44
1304	1/19/2007 02:46	7.62	48.239	31.09	10.2	7.94	10.4	2.38
1305	1/19/2007 03:01	7.62	48.166	31.04	10.21	7.95	10.7	2.31
1306	1/19/2007 03:16	7.53	47.95	30.87	10.3	7.95	14.7	2.21
1307	1/19/2007 03:31	7.46	47.732	30.71	10.34	7.96	9.6	2.16
1308	1/19/2007 03:46	7.39	47.532	30.56	10.39	7.96	8.8	2.10
1309	1/19/2007 04:01	7.28	47.319	30.4	10.44	7.96	7.7	2.04
1310	1/19/2007 04:16	7.18	47.066	30.21	10.5	7.97	7.9	1.98
1311	1/19/2007 04:31	7.12	46.914	30.1	10.52	7.97	7.7	1.94
1312	1/19/2007 04:46	7.09	46.788	30.01	10.55	7.98	6.9	1.90
1313	1/19/2007 05:01	7.09	46.753	29.98	10.54	7.98	7.1	1.87
1314	1/19/2007 05:16	7.16	46.899	30.09	10.49	7.97	7.2	1.86
1315	1/19/2007 05:31	7.24	47.117	30.26	10.46	7.97	7.8	1.88
1316	1/19/2007 05:46	7.23	47.199	30.31	10.42	7.96	7.8	1.91
1317	1/19/2007 06:01	7.25	47.254	30.35	10.42	7.96	7.8	1.93
1318	1/19/2007 06:16	7.29	47.325	30.41	10.39	7.96	7.8	1.98
1319	1/19/2007 06:31	7.35	47.494	30.53	10.39	7.96	10.3	2.05
1320	1/19/2007 06:46	7.3	47.356	30.43	10.41	7.96	8.5	2.10
1321	1/19/2007 07:01	7.42	47.676	30.67	10.34	7.95	9.9	2.17
1322	1/19/2007 07:16	7.53	47.976	30.89	10.25	7.95	10.3	2.25
1323	1/19/2007 07:31	7.64	48.264	31.11	10.15	7.94	11.3	2.31
1324	1/19/2007 07:46	7.8	48.623	31.38	10.02	7.93	11.1	2.39
1325	1/19/2007 08:01	7.84	48.77	31.49	10.01	7.93	12.2	2.47
1326	1/19/2007 08:16	7.95	49.086	31.72	9.92	7.93	12.0	2.54
1327	1/19/2007 08:31	8.1	49.391	31.96	9.78	7.92	13.3	2.64
1328	1/19/2007 08:46	8.16	49.563	32.08	9.71	7.91	14.4	2.71
1329	1/19/2007 09:01	8.2	49.688	32.18	9.66	7.91	16.3	2.80
1330	1/19/2007 09:16	8.32	49.949	32.38	9.5	7.9	17.8	2.90
1331	1/19/2007 09:31	8.47	50.325	32.66	9.32	7.89	16.1	2.99
1332	1/19/2007 09:46	8.53	50.494	32.79	9.22	7.89	14.6	3.08
1333	1/19/2007 10:01	8.63	50.727	32.96	9.06	7.88	16.5	3.16
1334	1/19/2007 10:16	8.71	50.901	33.09	8.93	7.87	14.5	3.24
1335	1/19/2007 10:31	8.76	51.025	33.19	8.77	7.87	14.1	3.32
1336	1/19/2007 10:46	8.79	51.128	33.27	8.65	7.86	12.1	3.39
1337	1/19/2007 11:01	8.8	51.17	33.3	8.57	7.86	11.6	3.43
1338	1/19/2007 11:16	8.81	51.188	33.31	8.54	7.86	10.8	3.47
1339	1/19/2007 11:31	8.68	50.801	33.02	8.82	7.87	9.6	3.49
Mean		8.50	45.27	29.04	10.06	7.93	11.2	2.14
Standard Dev.		1.18	2.40	1.67	0.58	0.06	6.2	0.63

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #4

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	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	1/19/2007 11:46	8.73	50.379	32.72	8.22	7.92	9.4	3.47
1	1/19/2007 12:01	8.78	50.534	32.84	8.06	7.96	10.1	3.44
2	1/19/2007 12:16	8.73	50.32	32.68	8.12	7.99	9.6	3.39
3	1/19/2007 12:31	8.78	49.825	32.33	8.74	8.02	8.8	3.31
4	1/19/2007 12:46	8.68	49.408	32.02	8.91	8.04	8.2	3.22
5	1/19/2007 13:01	8.69	49.437	32.04	8.93	8.04	7.9	3.11
6	1/19/2007 13:16	8.64	49.311	31.94	8.99	8.05	8.6	2.99
7	1/19/2007 13:31	8.55	48.797	31.57	9.15	8.07	12.7	2.88
8	1/19/2007 13:46	8.58	48.718	31.51	9.26	8.08	9.6	2.74
9	1/19/2007 14:01	8.44	48.451	31.31	9.37	8.09	8.6	2.61
10	1/19/2007 14:16	8.44	48.519	31.36	9.45	8.08	8.7	2.48
11	1/19/2007 14:31	8.66	49.073	31.77	9.45	8.08	7.7	2.35
12	1/19/2007 14:46	8.51	48.623	31.44	9.58	8.09	7.2	2.21
13	1/19/2007 15:01	8.46	48.409	31.28	9.72	8.1	9.2	2.06
14	1/19/2007 15:16	8.24	47.802	30.83	9.92	8.12	10.1	1.91
15	1/19/2007 15:31	8.32	47.941	30.94	10.02	8.13	12.4	1.74
16	1/19/2007 15:46	7.99	47.156	30.35	10.32	8.16	13.0	1.57
17	1/19/2007 16:01	8.02	47.152	30.35	10.39	8.16	15.5	1.41
18	1/19/2007 16:16	7.9	46.814	30.1	10.48	8.17	15.7	1.23
19	1/19/2007 16:31	7.81	46.557	29.91	10.56	8.18	15.5	1.06
20	1/19/2007 16:46	7.8	46.471	29.85	10.56	8.18	13.8	0.91
21	1/19/2007 17:01	7.75	46.252	29.69	10.63	8.19	13.8	0.72
22	1/19/2007 17:16	7.71	46.096	29.57	10.65	8.2	15.7	0.58
23	1/19/2007 17:31	7.71	46.089	29.57	10.61	8.2	12.7	0.47
24	1/19/2007 17:46	7.63	45.746	29.32	10.78	8.22	12.5	0.40
25	1/19/2007 18:01	7.69	45.974	29.48	10.69	8.2	12.3	0.39
26	1/19/2007 18:16	7.68	45.915	29.44	10.7	8.21	11.5	0.41
27	1/19/2007 18:31	7.7	45.987	29.49	10.68	8.2	11.1	0.48
28	1/19/2007 18:46	7.7	46.021	29.52	10.67	8.2	10.7	0.56
29	1/19/2007 19:01	7.69	46.018	29.52	10.67	8.2	11.1	0.66
30	1/19/2007 19:16	7.68	45.986	29.49	10.69	8.2	10.5	0.72
31	1/19/2007 19:31	7.7	46.026	29.52	10.66	8.2	10.0	0.77
32	1/19/2007 19:46	7.62	45.597	29.21	10.62	8.19	11.8	0.84
33	1/19/2007 20:01	7.64	45.715	29.3	10.59	8.19	11.2	0.91
34	1/19/2007 20:16	7.65	45.838	29.38	10.61	8.19	10.8	0.98
35	1/19/2007 20:31	7.65	45.854	29.4	10.61	8.19	10.5	1.08
36	1/19/2007 20:46	7.65	45.76	29.33	10.57	8.18	10.8	1.17
37	1/19/2007 21:01	7.64	45.641	29.24	10.54	8.18	10.6	1.28
38	1/19/2007 21:16	7.62	45.488	29.13	10.47	8.17	11.3	1.38
39	1/19/2007 21:31	7.67	45.702	29.29	10.38	8.16	10.7	1.50
40	1/19/2007 21:46	7.81	46.571	29.92	10.12	8.14	10.6	1.62
41	1/19/2007 22:01	7.87	46.946	30.19	10.01	8.13	14.7	1.73
42	1/19/2007 22:16	7.88	46.92	30.17	10	8.13	12.9	1.85
43	1/19/2007 22:31	7.93	47.183	30.36	9.95	8.13	14.0	1.98
44	1/19/2007 22:46	7.98	47.401	30.52	9.86	8.12	16.5	2.08
45	1/19/2007 23:01	8.02	47.56	30.64	9.81	8.11	17.4	2.17
46	1/19/2007 23:16	8.08	47.741	30.77	9.71	8.11	19.4	2.26
47	1/19/2007 23:31	8.17	47.869	30.87	9.59	8.09	20.5	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
48	1/19/2007 23:46	8.26	48.188	31.11	9.49	8.09	24.9	2.43
49	1/20/2007 00:01	8.39	48.573	31.39	9.37	8.08	21.6	2.51
50	1/20/2007 00:16	8.54	49.008	31.72	9.23	8.07	22.7	2.57
51	1/20/2007 00:31	8.61	49.214	31.87	9.15	8.06	19.3	2.65
52	1/20/2007 00:46	8.65	49.369	31.99	9.07	8.06	18.4	2.70
53	1/20/2007 01:01	8.65	49.4	32.01	9.03	8.06	15.5	2.75
54	1/20/2007 01:16	8.68	49.509	32.09	8.98	8.05	12.7	2.78
55	1/20/2007 01:31	8.69	49.521	32.1	8.95	8.05	11.0	2.81
56	1/20/2007 01:46	8.67	49.475	32.06	8.95	8.05	11.9	2.80
57	1/20/2007 02:01	8.68	49.564	32.13	8.93	8.05	13.1	2.78
58	1/20/2007 02:16	8.66	49.491	32.07	8.96	8.05	14.0	2.72
59	1/20/2007 02:31	8.31	48.519	31.35	9.39	8.08	17.0	2.66
60	1/20/2007 02:46	8.38	48.781	31.54	9.29	8.07	16.0	2.58
61	1/20/2007 03:01	8.31	48.474	31.32	9.37	8.08	16.0	2.49
62	1/20/2007 03:16	8.28	48.362	31.23	9.37	8.08	12.8	2.41
63	1/20/2007 03:31	8.26	48.357	31.23	9.37	8.08	11.6	2.34
64	1/20/2007 03:46	8.19	48.207	31.12	9.41	8.08	11.8	2.25
65	1/20/2007 04:01	8.14	48.11	31.04	9.44	8.08	12.2	2.17
66	1/20/2007 04:16	8.03	47.835	30.84	9.5	8.09	9.9	2.10
67	1/20/2007 04:31	7.94	47.583	30.65	9.58	8.1	10.1	2.02
68	1/20/2007 04:46	7.82	47.024	30.24	9.74	8.11	10.2	1.95
69	1/20/2007 05:01	7.79	47.005	30.22	9.72	8.11	9.3	1.88
70	1/20/2007 05:16	7.73	46.709	30.01	9.77	8.12	8.8	1.84
71	1/20/2007 05:31	7.68	46.493	29.85	9.84	8.12	8.3	1.80
72	1/20/2007 05:46	7.66	46.424	29.8	9.85	8.13	8.7	1.75
73	1/20/2007 06:01	7.66	46.476	29.84	9.81	8.12	8.3	1.73
74	1/20/2007 06:16	7.72	46.668	29.98	9.75	8.12	8.3	1.76
75	1/20/2007 06:31	7.79	46.877	30.13	9.74	8.11	8.5	1.75
76	1/20/2007 06:46	7.8	46.938	30.18	9.73	8.11	8.3	1.78
77	1/20/2007 07:01	7.73	46.826	30.09	9.76	8.11	8.7	1.84
78	1/20/2007 07:16	7.79	46.999	30.22	9.73	8.11	9.5	1.88
79	1/20/2007 07:31	7.74	46.858	30.12	9.76	8.11	9.5	1.96
80	1/20/2007 07:46	7.81	47.039	30.25	9.72	8.11	9.5	2.03
81	1/20/2007 08:01	7.9	47.311	30.45	9.67	8.1	12.0	2.11
82	1/20/2007 08:16	8.04	47.766	30.79	9.54	8.09	11.8	2.18
83	1/20/2007 08:31	8.05	47.859	30.86	9.52	8.09	10.1	2.27
84	1/20/2007 08:46	8.22	48.423	31.27	9.38	8.08	13.3	2.34
85	1/20/2007 09:01	8.32	48.675	31.46	9.3	8.07	11.2	2.42
86	1/20/2007 09:16	8.37	48.835	31.58	9.27	8.07	11.1	2.52
87	1/20/2007 09:31	8.4	48.951	31.67	9.25	8.07	12.6	2.60
88	1/20/2007 09:46	8.48	49.231	31.87	9.18	8.06	14.1	2.69
89	1/20/2007 10:01	8.56	49.486	32.06	9.12	8.05	17.6	2.79
90	1/20/2007 10:16	8.64	49.72	32.24	9.07	8.05	19.3	2.88
91	1/20/2007 10:31	8.7	49.977	32.43	9.04	8.04	17.5	2.98
92	1/20/2007 10:46	8.76	50.202	32.59	8.99	8.04	16.5	3.06
93	1/20/2007 11:01	8.78	50.331	32.69	8.97	8.04	18.6	3.16
94	1/20/2007 11:16	8.84	50.499	32.82	8.93	8.03	18.4	3.23
95	1/20/2007 11:31	8.87	50.551	32.86	8.88	8.03	14.5	3.29

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
96	1/20/2007 11:46	8.89	50.62	32.91	8.84	8.03	13.2	3.34
97	1/20/2007 12:01	8.9	50.677	32.95	8.81	8.03	10.8	3.39
98	1/20/2007 12:16	8.92	50.703	32.97	8.77	8.03	9.7	3.40
99	1/20/2007 12:31	8.87	50.571	32.87	8.8	8.03	10.2	3.40
100	1/20/2007 12:46	8.9	50.69	32.96	8.75	8.03	11.3	3.39
101	1/20/2007 13:01	8.91	50.628	32.92	8.79	8.03	12.1	3.33
102	1/20/2007 13:16	9.01	50.24	32.64	9.03	8.04	19.5	3.24
103	1/20/2007 13:31	8.99	49.925	32.41	9.13	8.05	26.7	3.15
104	1/20/2007 13:46	9.06	50.119	32.56	9.12	8.05	28.1	3.05
105	1/20/2007 14:01	8.87	49.615	32.18	9.27	8.06	23.1	2.94
106	1/20/2007 14:16	8.82	49.473	32.08	9.32	8.07	19.1	2.81
107	1/20/2007 14:31	8.81	49.305	31.95	9.39	8.07	25.0	2.67
108	1/20/2007 14:46	8.78	49.083	31.79	9.41	8.08	24.5	2.56
109	1/20/2007 15:01	8.75	48.851	31.62	9.51	8.08	26.2	2.44
110	1/20/2007 15:16	8.74	48.724	31.53	9.51	8.08	30.1	2.30
111	1/20/2007 15:31	8.72	48.665	31.49	9.56	8.08	35.1	2.13
112	1/20/2007 15:46	8.61	48.159	31.12	9.71	8.1	33.6	1.99
113	1/20/2007 16:01	8.53	47.848	30.89	9.83	8.11	34.7	1.84
114	1/20/2007 16:16	8.47	47.49	30.63	9.92	8.12	33.5	1.67
115	1/20/2007 16:31	8.42	47.414	30.57	9.94	8.13	33.7	1.51
116	1/20/2007 16:46	8.41	47.417	30.57	9.95	8.13	32.5	1.34
117	1/20/2007 17:01	8.36	47.242	30.44	9.97	8.13	30.5	1.18
118	1/20/2007 17:16	8.34	47.204	30.41	9.94	8.13	29.7	1.02
119	1/20/2007 17:31	8.32	47.202	30.41	9.89	8.12	26.8	0.83
120	1/20/2007 17:46	8.32	47.336	30.5	9.84	8.12	26.2	0.69
121	1/20/2007 18:01	8.25	46.95	30.22	9.91	8.13	29.9	0.55
122	1/20/2007 18:16	8.2	46.53	29.92	9.97	8.14	30.4	0.42
123	1/20/2007 18:31	8.16	46.324	29.77	9.97	8.15	26.7	0.38
124	1/20/2007 18:46	8.13	46.128	29.63	9.98	8.15	25.9	0.36
125	1/20/2007 19:01	8.13	46.183	29.67	10.04	8.15	24.0	0.41
126	1/20/2007 19:16	8.14	46.207	29.69	10.05	8.15	22.0	0.52
127	1/20/2007 19:31	8.13	46.222	29.7	10.06	8.15	21.3	0.59
128	1/20/2007 19:46	8.15	46.261	29.72	10.03	8.15	21.5	0.67
129	1/20/2007 20:01	8.17	46.415	29.84	9.99	8.14	19.4	0.75
130	1/20/2007 20:16	8.16	46.407	29.83	9.99	8.14	18.7	0.82
131	1/20/2007 20:31	8.14	45.699	29.32	10.04	8.13	18.3	0.87
132	1/20/2007 20:46	8.17	45.989	29.53	10	8.13	19.1	0.94
133	1/20/2007 21:01	8.18	45.979	29.53	10	8.13	18.2	1.04
134	1/20/2007 21:16	8.18	46.068	29.59	10	8.13	17.6	1.13
135	1/20/2007 21:31	8.18	45.94	29.5	10	8.13	18.0	1.24
136	1/20/2007 21:46	8.16	45.667	29.3	10.01	8.12	16.5	1.34
137	1/20/2007 22:01	8.34	46.99	30.26	9.83	8.11	17.1	1.46
138	1/20/2007 22:16	8.32	46.724	30.07	9.83	8.11	17.7	1.59
139	1/20/2007 22:31	8.35	46.948	30.23	9.8	8.11	18.1	1.70
140	1/20/2007 22:46	8.37	47.179	30.4	9.8	8.11	19.1	1.83
141	1/20/2007 23:01	8.4	47.454	30.59	9.78	8.11	26.3	1.95
142	1/20/2007 23:16	8.49	47.909	30.93	9.69	8.1	28.8	2.06
143	1/20/2007 23:31	8.51	48.094	31.06	9.65	8.09	28.1	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
144	1/20/2007 23:46	8.54	48.253	31.18	9.6	8.09	28.7	2.27
145	1/21/2007 00:01	8.58	48.456	31.32	9.53	8.08	32.3	2.35
146	1/21/2007 00:16	8.62	48.665	31.48	9.52	8.08	28.3	2.44
147	1/21/2007 00:31	8.71	49.173	31.85	9.49	8.07	25.3	2.52
148	1/21/2007 00:46	8.75	49.408	32.02	9.44	8.07	24.2	2.59
149	1/21/2007 01:01	8.78	49.564	32.14	9.4	8.06	21.9	2.66
150	1/21/2007 01:16	8.8	49.709	32.24	9.39	8.06	22.0	2.73
151	1/21/2007 01:31	8.81	49.783	32.3	9.39	8.06	18.6	2.79
152	1/21/2007 01:46	8.79	49.799	32.31	9.39	8.06	14.6	2.82
153	1/21/2007 02:01	8.85	49.95	32.42	9.36	8.06	12.4	2.86
154	1/21/2007 02:16	8.74	49.596	32.16	9.36	8.06	12.1	2.86
155	1/21/2007 02:31	8.85	49.975	32.44	9.34	8.06	13.3	2.84
156	1/21/2007 02:46	8.72	49.724	32.25	9.38	8.06	11.8	2.79
157	1/21/2007 03:01	8.39	49.094	31.77	9.41	8.07	12.1	2.74
158	1/21/2007 03:16	8.23	48.606	31.4	9.47	8.08	14.3	2.66
159	1/21/2007 03:31	8.34	48.725	31.5	9.44	8.07	14.6	2.58
160	1/21/2007 03:46	8.44	48.855	31.6	9.42	8.07	15.5	2.48
161	1/21/2007 04:01	8.37	48.639	31.44	9.44	8.07	15.7	2.38
162	1/21/2007 04:16	8.31	48.466	31.31	9.45	8.08	18.0	2.30
163	1/21/2007 04:31	8.28	48.284	31.18	9.46	8.08	18.9	2.21
164	1/21/2007 04:46	8.17	48.136	31.06	9.46	8.08	11.9	2.12
165	1/21/2007 05:01	8.06	47.87	30.86	9.54	8.09	12.1	2.03
166	1/21/2007 05:16	7.94	47.581	30.65	9.57	8.09	11.2	1.95
167	1/21/2007 05:31	7.83	47.403	30.51	9.55	8.09	11.0	1.86
168	1/21/2007 05:46	7.71	47.243	30.39	9.59	8.09	10.1	1.80
169	1/21/2007 06:01	7.64	47.042	30.24	9.61	8.09	10.1	1.74
170	1/21/2007 06:16	7.57	46.995	30.2	9.61	8.09	10.1	1.66
171	1/21/2007 06:31	7.53	46.931	30.15	9.6	8.09	10.5	1.63
172	1/21/2007 06:46	7.49	46.876	30.11	9.6	8.09	10.0	1.59
173	1/21/2007 07:01	7.45	46.769	30.03	9.6	8.09	9.4	1.57
174	1/21/2007 07:16	7.78	47.089	30.28	9.56	8.09	9.7	1.60
175	1/21/2007 07:31	7.75	47.128	30.31	9.56	8.09	10.2	1.61
176	1/21/2007 07:46	7.77	47.219	30.38	9.58	8.09	10.3	1.65
177	1/21/2007 08:01	7.72	47.211	30.37	9.56	8.09	10.5	1.73
178	1/21/2007 08:16	7.75	47.227	30.38	9.59	8.09	12.1	1.80
179	1/21/2007 08:31	7.7	47.109	30.29	9.58	8.08	10.6	1.87
180	1/21/2007 08:46	7.85	47.362	30.48	9.56	8.09	12.1	1.97
181	1/21/2007 09:01	7.96	47.632	30.69	9.54	8.08	12.4	2.05
182	1/21/2007 09:16	8.06	47.934	30.91	9.49	8.08	12.5	2.13
183	1/21/2007 09:31	8.24	48.392	31.25	9.46	8.08	11.9	2.23
184	1/21/2007 09:46	8.34	48.583	31.4	9.48	8.08	12.3	2.30
185	1/21/2007 10:01	8.42	48.736	31.51	9.47	8.08	13.4	2.38
186	1/21/2007 10:16	8.45	48.822	31.58	9.47	8.07	13.8	2.46
187	1/21/2007 10:31	8.54	49.166	31.83	9.42	8.07	17.6	2.55
188	1/21/2007 10:46	8.59	49.379	31.99	9.37	8.06	19.6	2.63
189	1/21/2007 11:01	8.63	49.581	32.14	9.32	8.06	22.6	2.71
190	1/21/2007 11:16	8.66	49.724	32.24	9.29	8.06	17.3	2.80
191	1/21/2007 11:31	8.71	49.895	32.37	9.21	8.05	16.8	2.88

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
192	1/21/2007 11:46	8.77	50.098	32.52	9.1	8.05	15.9	2.96
193	1/21/2007 12:01	8.82	50.379	32.73	8.95	8.04	16.3	3.04
194	1/21/2007 12:16	8.85	50.495	32.81	8.85	8.04	16.6	3.11
195	1/21/2007 12:31	8.87	50.61	32.9	8.71	8.03	15.5	3.17
196	1/21/2007 12:46	8.87	50.687	32.95	8.62	8.03	14.7	3.21
197	1/21/2007 13:01	8.89	50.7	32.96	8.58	8.03	11.9	3.24
198	1/21/2007 13:16	8.86	50.431	32.77	8.79	8.03	10.3	3.26
199	1/21/2007 13:31	8.87	50.707	32.97	8.51	8.02	12.3	3.24
200	1/21/2007 13:46	8.88	50.771	33.02	8.43	8.02	12.7	3.22
201	1/21/2007 14:01	8.91	50.548	32.86	8.55	8.03	12.3	3.15
202	1/21/2007 14:16	9.1	49.804	32.33	9.28	8.06	9.7	3.06
203	1/21/2007 14:31	9.08	49.885	32.39	9.29	8.06	9.7	2.97
204	1/21/2007 14:46	9.02	49.561	32.15	9.4	8.07	10.7	2.84
205	1/21/2007 15:01	8.96	49.478	32.09	9.44	8.08	12.6	2.73
206	1/21/2007 15:16	8.95	49.293	31.96	9.61	8.09	9.6	2.61
207	1/21/2007 15:31	8.91	49.034	31.77	9.63	8.09	12.7	2.46
208	1/21/2007 15:46	8.83	48.809	31.6	9.76	8.09	10.2	2.34
209	1/21/2007 16:01	8.8	48.665	31.49	9.76	8.1	13.3	2.22
210	1/21/2007 16:16	8.74	48.419	31.31	9.84	8.11	10.7	2.08
211	1/21/2007 16:31	8.67	48.315	31.23	9.89	8.11	10.4	1.93
212	1/21/2007 16:46	8.63	48.195	31.14	9.99	8.12	10.3	1.78
213	1/21/2007 17:01	8.57	48	31	10.03	8.12	13.1	1.63
214	1/21/2007 17:16	8.52	47.893	30.92	10.06	8.13	11.1	1.46
215	1/21/2007 17:31	8.42	47.529	30.65	10.17	8.14	11.7	1.31
216	1/21/2007 17:46	8.38	47.494	30.62	10.2	8.15	11.9	1.16
217	1/21/2007 18:01	8.28	47.177	30.39	10.32	8.15	12.0	0.99
218	1/21/2007 18:16	8.23	46.992	30.25	10.35	8.16	10.7	0.83
219	1/21/2007 18:31	8.18	46.864	30.16	10.37	8.16	11.2	0.69
220	1/21/2007 18:46	8.12	46.698	30.03	10.42	8.17	11.1	0.58
221	1/21/2007 19:01	8.04	46.565	29.93	10.46	8.17	10.5	0.48
222	1/21/2007 19:16	8.06	46.698	30.03	10.39	8.16	10.8	0.46
223	1/21/2007 19:31	8.08	46.791	30.1	10.37	8.16	9.7	0.48
224	1/21/2007 19:46	8.09	46.778	30.09	10.37	8.16	8.7	0.53
225	1/21/2007 20:01	8.13	46.826	30.13	10.36	8.16	9.1	0.63
226	1/21/2007 20:16	8.12	46.851	30.14	10.35	8.16	8.5	0.72
227	1/21/2007 20:31	8.09	46.725	30.05	10.35	8.15	8.5	0.79
228	1/21/2007 20:46	8.03	46.454	29.85	10.32	8.15	9.1	0.86
229	1/21/2007 21:01	7.97	46.071	29.58	10.33	8.14	9.1	0.94
230	1/21/2007 21:16	7.99	46.007	29.53	10.33	8.13	8.7	0.99
231	1/21/2007 21:31	8.08	46.289	29.74	10.31	8.14	8.9	1.09
232	1/21/2007 21:46	8.06	46.058	29.57	10.29	8.13	8.6	1.18
233	1/21/2007 22:01	7.99	46.06	29.57	10.3	8.13	8.9	1.28
234	1/21/2007 22:16	8.04	46.1	29.6	10.26	8.13	8.5	1.37
235	1/21/2007 22:31	8.25	46.948	30.22	10.07	8.12	9.3	1.49
236	1/21/2007 22:46	8.25	46.954	30.23	10.01	8.11	9.8	1.62
237	1/21/2007 23:01	8.34	47.441	30.58	9.92	8.11	12.0	1.74
238	1/21/2007 23:16	8.47	47.826	30.87	9.88	8.11	12.3	1.85
239	1/21/2007 23:31	8.51	48.001	30.99	9.84	8.11	12.3	1.96

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
240	1/21/2007 23:46	8.53	48.173	31.12	9.79	8.1	13.7	2.09
241	1/22/2007 00:01	8.55	48.341	31.24	9.7	8.09	13.9	2.19
242	1/22/2007 00:16	8.61	48.594	31.43	9.62	8.08	20.8	2.28
243	1/22/2007 00:31	8.64	48.756	31.55	9.58	8.08	21.8	2.38
244	1/22/2007 00:46	8.7	49.078	31.78	9.48	8.07	20.9	2.48
245	1/22/2007 01:01	8.76	49.577	32.15	9.27	8.06	21.5	2.57
246	1/22/2007 01:16	8.81	49.896	32.38	9.1	8.05	23.3	2.65
247	1/22/2007 01:31	8.82	50.043	32.48	8.97	8.04	22.7	2.72
248	1/22/2007 01:46	8.83	50.147	32.56	8.84	8.04	22.9	2.81
249	1/22/2007 02:01	8.82	50.245	32.63	8.68	8.03	19.6	2.87
250	1/22/2007 02:16	8.8	50.28	32.65	8.61	8.02	16.3	2.93
251	1/22/2007 02:31	8.8	50.403	32.74	8.45	8.02	14.1	2.97
252	1/22/2007 02:46	8.71	50.063	32.49	8.63	8.03	10.5	2.98
253	1/22/2007 03:01	8.79	50.252	32.63	8.57	8.02	12.9	2.97
254	1/22/2007 03:16	8.84	50.529	32.84	8.31	8.01	12.9	2.95
255	1/22/2007 03:31	8.25	49.319	31.92	9.12	8.06	11.7	2.87
256	1/22/2007 03:46	8.32	49.178	31.82	9.23	8.06	13.6	2.80
257	1/22/2007 04:01	8.46	49.237	31.88	9.18	8.06	16.8	2.71
258	1/22/2007 04:16	8.51	49.35	31.96	9.18	8.06	13.2	2.61
259	1/22/2007 04:31	8.45	49.168	31.83	9.2	8.06	11.8	2.52
260	1/22/2007 04:46	8.44	49.053	31.74	9.24	8.06	11.1	2.42
261	1/22/2007 05:01	8.35	48.884	31.61	9.31	8.06	9.5	2.32
262	1/22/2007 05:16	8.27	48.637	31.43	9.35	8.07	8.0	2.22
263	1/22/2007 05:31	8.19	48.343	31.21	9.52	8.08	10.7	2.13
264	1/22/2007 05:46	8.18	48.443	31.28	9.48	8.07	10.1	2.04
265	1/22/2007 06:01	8.04	47.981	30.94	9.6	8.08	8.2	1.93
266	1/22/2007 06:16	7.92	47.903	30.88	9.58	8.08	8.2	1.84
267	1/22/2007 06:31	7.79	47.563	30.62	9.66	8.09	8.2	1.75
268	1/22/2007 06:46	7.63	47.633	30.66	9.64	8.08	7.2	1.66
269	1/22/2007 07:01	7.6	47.303	30.42	9.73	8.09	7.1	1.60
270	1/22/2007 07:16	7.55	47.243	30.37	9.73	8.1	6.7	1.53
271	1/22/2007 07:31	7.52	47.147	30.3	9.75	8.1	7.1	1.49
272	1/22/2007 07:46	7.48	47.111	30.27	9.74	8.1	6.4	1.47
273	1/22/2007 08:01	7.48	47.131	30.29	9.75	8.1	6.9	1.47
274	1/22/2007 08:16	7.63	47.287	30.41	9.71	8.1	7.2	1.48
275	1/22/2007 08:31	7.69	47.371	30.48	9.69	8.09	7.6	1.51
276	1/22/2007 08:46	7.76	47.451	30.54	9.69	8.09	7.4	1.58
277	1/22/2007 09:01	7.75	47.475	30.56	9.68	8.09	7.9	1.65
278	1/22/2007 09:16	7.5	47.078	30.25	9.72	8.08	11.7	1.73
279	1/22/2007 09:31	7.55	47.186	30.33	9.71	8.08	8.6	1.82
280	1/22/2007 09:46	7.78	47.526	30.6	9.67	8.09	8.5	1.90
281	1/22/2007 10:01	7.93	47.831	30.83	9.6	8.08	8.8	1.98
282	1/22/2007 10:16	8.05	48.166	31.07	9.5	8.07	8.4	2.06
283	1/22/2007 10:31	8.19	48.502	31.33	9.43	8.07	8.5	2.14
284	1/22/2007 10:46	8.33	48.694	31.48	9.43	8.07	8.6	2.22
285	1/22/2007 11:01	8.4	48.81	31.56	9.41	8.07	8.8	2.30
286	1/22/2007 11:16	8.45	48.896	31.63	9.38	8.07	9.3	2.37
287	1/22/2007 11:31	8.49	49.063	31.75	9.31	8.06	10.2	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
288	1/22/2007 11:46	8.54	49.263	31.9	9.2	8.06	12.2	2.52
289	1/22/2007 12:01	8.58	49.476	32.06	9.07	8.05	15.1	2.60
290	1/22/2007 12:16	8.62	49.623	32.17	8.96	8.04	16.0	2.67
291	1/22/2007 12:31	8.67	49.798	32.3	8.84	8.03	15.8	2.75
292	1/22/2007 12:46	8.75	49.925	32.39	8.76	8.03	12.9	2.82
293	1/22/2007 13:01	8.75	50.131	32.54	8.63	8.02	12.8	2.89
294	1/22/2007 13:16	8.76	50.259	32.64	8.53	8.01	12.6	2.96
295	1/22/2007 13:31	8.78	50.43	32.76	8.37	8.01	13.8	3.01
296	1/22/2007 13:46	8.82	50.547	32.85	8.28	8	11.3	3.04
297	1/22/2007 14:01	8.84	50.565	32.86	8.2	8	10.2	3.07
298	1/22/2007 14:16	8.82	50.456	32.78	8.3	8	8.4	3.07
299	1/22/2007 14:31	8.85	50.683	32.95	8.07	7.99	10.2	3.05
300	1/22/2007 14:46	8.84	50.623	32.91	8.11	8	11.3	3.01
301	1/22/2007 15:01	9.01	49.805	32.33	8.85	8.05	10.7	2.94
302	1/22/2007 15:16	9.06	49.685	32.25	9.03	8.05	8.0	2.85
303	1/22/2007 15:31	8.94	49.457	32.07	9.16	8.06	9.6	2.75
304	1/22/2007 15:46	8.95	49.422	32.05	9.23	8.06	9.9	2.64
305	1/22/2007 16:01	8.87	49.268	31.93	9.41	8.08	10.2	2.52
306	1/22/2007 16:16	8.82	49.133	31.83	9.55	8.09	10.5	2.41
307	1/22/2007 16:31	8.78	48.896	31.66	9.84	8.11	8.2	2.30
308	1/22/2007 16:46	8.71	48.67	31.49	9.86	8.11	11.3	2.18
309	1/22/2007 17:01	8.64	48.347	31.25	10.05	8.13	7.9	2.04
310	1/22/2007 17:16	8.57	48.26	31.18	10.05	8.12	8.3	1.91
311	1/22/2007 17:31	8.56	48.243	31.17	10.12	8.13	8.7	1.77
312	1/22/2007 17:46	8.51	48.08	31.05	10.18	8.14	9.0	1.63
313	1/22/2007 18:01	8.45	47.957	30.96	10.28	8.14	8.8	1.50
314	1/22/2007 18:16	8.42	47.752	30.81	10.37	8.15	8.2	1.35
315	1/22/2007 18:31	8.39	47.705	30.77	10.44	8.16	8.1	1.20
316	1/22/2007 18:46	8.35	47.532	30.65	10.62	8.17	8.5	1.09
317	1/22/2007 19:01	8.28	47.286	30.47	10.8	8.19	8.9	0.96
318	1/22/2007 19:16	8.24	47.158	30.37	10.9	8.2	7.4	0.83
319	1/22/2007 19:31	8.19	47.031	30.28	10.97	8.21	7.7	0.76
320	1/22/2007 19:46	8.15	47.047	30.28	10.93	8.2	7.9	0.71
321	1/22/2007 20:01	8.14	47.095	30.32	10.88	8.2	7.7	0.66
322	1/22/2007 20:16	8.17	47.073	30.3	10.94	8.2	7.2	0.71
323	1/22/2007 20:31	8.21	47.157	30.37	10.88	8.2	7.3	0.77
324	1/22/2007 20:46	8.2	47.185	30.39	10.85	8.19	6.7	0.82
325	1/22/2007 21:01	8.22	47.247	30.43	10.8	8.19	6.6	0.91
326	1/22/2007 21:16	8.13	46.843	30.14	10.73	8.17	7.8	0.99
327	1/22/2007 21:31	8.09	46.728	30.05	10.7	8.17	7.6	1.08
328	1/22/2007 21:46	8.01	46.296	29.74	10.68	8.16	7.9	1.14
329	1/22/2007 22:01	8.22	46.997	30.25	10.67	8.17	7.5	1.22
330	1/22/2007 22:16	8.21	46.969	30.23	10.63	8.16	7.9	1.32
331	1/22/2007 22:31	8.23	47.043	30.29	10.6	8.16	8.2	1.40
332	1/22/2007 22:46	8.24	47.089	30.32	10.57	8.16	7.9	1.50
333	1/22/2007 23:01	8.23	47.201	30.4	10.47	8.15	7.2	1.60
334	1/22/2007 23:16	8.39	47.738	30.8	10.18	8.13	9.3	1.72
335	1/22/2007 23:31	8.47	48.059	31.03	9.94	8.11	10.2	1.83

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
336	1/22/2007 23:46	8.53	48.222	31.15	9.85	8.11	9.4	1.94
337	1/23/2007 00:01	8.56	48.326	31.23	9.82	8.11	10.0	2.06
338	1/23/2007 00:16	8.59	48.434	31.31	9.76	8.1	11.5	2.16
339	1/23/2007 00:31	8.62	48.555	31.4	9.63	8.09	12.2	2.27
340	1/23/2007 00:46	8.67	48.793	31.57	9.5	8.08	15.9	2.37
341	1/23/2007 01:01	8.71	49.035	31.75	9.38	8.07	17.0	2.46
342	1/23/2007 01:16	8.76	49.306	31.95	9.24	8.06	16.3	2.56
343	1/23/2007 01:31	8.82	49.715	32.25	9.06	8.04	19.0	2.65
344	1/23/2007 01:46	8.87	50.046	32.49	8.89	8.03	17.4	2.73
345	1/23/2007 02:01	8.89	50.189	32.6	8.78	8.02	18.2	2.83
346	1/23/2007 02:16	8.91	50.359	32.72	8.6	8.02	17.9	2.90
347	1/23/2007 02:31	8.92	50.455	32.79	8.47	8.01	16.8	2.97
348	1/23/2007 02:46	8.94	50.609	32.9	8.27	8	14.0	3.03
349	1/23/2007 03:01	8.92	50.609	32.9	8.19	8	12.5	3.08
350	1/23/2007 03:16	8.93	50.687	32.96	8.04	7.99	10.7	3.10
351	1/23/2007 03:31	8.89	50.418	32.76	8.31	8.01	10.4	3.11
352	1/23/2007 03:46	8.96	50.776	33.03	7.95	7.99	10.9	3.09
353	1/23/2007 04:01	8.96	50.765	33.02	7.96	7.99	12.1	3.04
354	1/23/2007 04:16	8.74	49.954	32.41	8.75	8.03	10.5	2.97
355	1/23/2007 04:31	8.68	49.671	32.21	8.86	8.04	12.0	2.89
356	1/23/2007 04:46	8.62	49.352	31.97	9.06	8.04	8.0	2.79
357	1/23/2007 05:01	8.66	49.494	32.08	9.01	8.04	10.7	2.69
358	1/23/2007 05:16	8.65	49.382	32	9.03	8.04	8.9	2.58
359	1/23/2007 05:31	8.63	49.262	31.91	9.08	8.04	7.8	2.47
360	1/23/2007 05:46	8.57	49.087	31.78	9.16	8.05	7.9	2.38
361	1/23/2007 06:01	8.51	48.922	31.65	9.21	8.05	6.9	2.27
362	1/23/2007 06:16	8.49	48.735	31.52	9.36	8.07	10.2	2.18
363	1/23/2007 06:31	8.45	48.735	31.51	9.38	8.06	7.1	2.09
364	1/23/2007 06:46	8.39	48.44	31.3	9.52	8.08	7.9	1.96
365	1/23/2007 07:01	8.31	48.315	31.2	9.54	8.08	6.6	1.88
366	1/23/2007 07:16	8.22	48.032	30.99	9.66	8.09	6.9	1.78
367	1/23/2007 07:31	8.14	47.905	30.9	9.71	8.1	7.0	1.69
368	1/23/2007 07:46	8.12	47.838	30.85	9.77	8.1	7.2	1.61
369	1/23/2007 08:01	8.07	47.686	30.73	9.81	8.1	6.8	1.53
370	1/23/2007 08:16	8.02	47.487	30.59	9.86	8.11	6.9	1.47
371	1/23/2007 08:31	7.99	47.437	30.55	9.87	8.11	5.9	1.43
372	1/23/2007 08:46	7.99	47.427	30.54	9.86	8.11	5.5	1.40
373	1/23/2007 09:01	7.98	47.402	30.52	9.9	8.11	5.5	1.41
374	1/23/2007 09:16	8.02	47.494	30.59	9.87	8.11	6.3	1.42
375	1/23/2007 09:31	8.07	47.584	30.66	9.82	8.1	7.1	1.48
376	1/23/2007 09:46	8.1	47.653	30.71	9.83	8.1	6.3	1.51
377	1/23/2007 10:01	8.14	47.74	30.78	9.79	8.1	6.1	1.59
378	1/23/2007 10:16	8	47.352	30.49	9.82	8.09	8.2	1.67
379	1/23/2007 10:31	8.02	47.387	30.52	9.8	8.09	7.1	1.76
380	1/23/2007 10:46	8.1	47.565	30.65	9.76	8.09	7.1	1.84
381	1/23/2007 11:01	8.18	47.753	30.79	9.71	8.09	6.8	1.90
382	1/23/2007 11:16	8.29	48.077	31.03	9.57	8.08	7.1	2.00
383	1/23/2007 11:31	8.4	48.438	31.3	9.43	8.07	6.8	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
384	1/23/2007 11:46	8.47	48.642	31.45	9.37	8.07	7.4	2.12
385	1/23/2007 12:01	8.56	48.788	31.56	9.36	8.07	6.9	2.20
386	1/23/2007 12:16	8.61	48.882	31.63	9.33	8.06	7.2	2.28
387	1/23/2007 12:31	8.63	49.015	31.73	9.28	8.06	7.1	2.34
388	1/23/2007 12:46	8.67	49.107	31.8	9.23	8.06	8.0	2.41
389	1/23/2007 13:01	8.71	49.233	31.89	9.16	8.05	8.2	2.48
390	1/23/2007 13:16	8.73	49.415	32.03	9.05	8.05	9.5	2.54
391	1/23/2007 13:31	8.75	49.522	32.1	8.97	8.04	10.0	2.61
392	1/23/2007 13:46	8.78	49.609	32.17	8.89	8.03	11.9	2.67
393	1/23/2007 14:01	8.84	49.787	32.3	8.79	8.03	11.2	2.73
394	1/23/2007 14:16	8.89	49.817	32.33	8.77	8.03	8.8	2.77
395	1/23/2007 14:31	8.91	49.898	32.39	8.71	8.02	8.7	2.82
396	1/23/2007 14:46	8.93	50.039	32.49	8.66	8.02	8.3	2.85
397	1/23/2007 15:01	8.92	50.066	32.51	8.65	8.02	8.9	2.86
398	1/23/2007 15:16	8.92	50.016	32.47	8.66	8.02	7.4	2.86
399	1/23/2007 15:31	8.93	50.112	32.54	8.58	8.01	7.7	2.86
400	1/23/2007 15:46	8.91	50.041	32.49	8.59	8.01	9.4	2.80
401	1/23/2007 16:01	9.06	49.386	32.03	9.08	8.05	7.7	2.73
402	1/23/2007 16:16	9.04	49.22	31.91	9.36	8.07	7.5	2.66
403	1/23/2007 16:31	8.98	49.253	31.93	9.27	8.07	7.2	2.56
404	1/23/2007 16:46	8.92	49.325	31.98	9.28	8.06	6.6	2.45
405	1/23/2007 17:01	8.87	49.205	31.89	9.44	8.08	6.8	2.36
406	1/23/2007 17:16	8.83	48.977	31.72	9.71	8.1	7.9	2.25
407	1/23/2007 17:31	8.8	48.733	31.54	9.96	8.13	7.7	2.15
408	1/23/2007 17:46	8.76	48.553	31.41	10.23	8.15	6.3	2.04
409	1/23/2007 18:01	8.67	48.336	31.25	10.25	8.15	6.2	1.93
410	1/23/2007 18:16	8.61	48.436	31.31	10.12	8.13	6.9	1.81
411	1/23/2007 18:31	8.57	48.305	31.22	10.05	8.13	6.8	1.68
412	1/23/2007 18:46	8.52	48.183	31.13	10.18	8.14	6.6	1.57
413	1/23/2007 19:01	8.47	47.864	30.89	10.5	8.17	5.8	1.45
414	1/23/2007 19:16	8.38	47.635	30.72	10.81	8.19	6.0	1.34
415	1/23/2007 19:31	8.34	47.499	30.62	10.93	8.2	5.7	1.24
416	1/23/2007 19:46	8.33	47.418	30.56	10.99	8.21	5.3	1.15
417	1/23/2007 20:01	8.33	47.405	30.55	10.97	8.21	5.0	1.07
418	1/23/2007 20:16	8.33	47.4	30.55	11	8.21	5.2	1.01
419	1/23/2007 20:31	8.33	47.374	30.53	11.01	8.21	4.9	0.98
420	1/23/2007 20:46	8.27	47.402	30.55	10.95	8.21	3.9	0.96
421	1/23/2007 21:01	8.29	47.408	30.55	10.98	8.21	4.6	0.98
422	1/23/2007 21:16	8.29	47.447	30.58	10.96	8.2	5.0	1.03
423	1/23/2007 21:31	8.32	47.496	30.62	10.89	8.2	5.2	1.08
424	1/23/2007 21:46	8.34	47.506	30.63	10.84	8.19	5.3	1.14
425	1/23/2007 22:01	8.3	47.216	30.42	10.77	8.18	6.0	1.22
426	1/23/2007 22:16	8.3	47.166	30.38	10.7	8.18	6.0	1.30
427	1/23/2007 22:31	8.34	47.231	30.43	10.66	8.17	6.3	1.37
428	1/23/2007 22:46	8.32	47.035	30.29	10.61	8.16	6.5	1.46
429	1/23/2007 23:01	8.37	47.204	30.41	10.59	8.16	6.5	1.55
430	1/23/2007 23:16	8.46	47.562	30.68	10.5	8.16	6.1	1.64
431	1/23/2007 23:31	8.52	47.764	30.83	10.34	8.15	6.2	1.73

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
432	1/23/2007 23:46	8.57	48.211	31.15	9.98	8.11	7.4	1.84
433	1/24/2007 00:01	8.62	48.439	31.32	9.73	8.1	7.1	1.94
434	1/24/2007 00:16	8.65	48.548	31.4	9.69	8.09	7.8	2.03
435	1/24/2007 00:31	8.68	48.643	31.47	9.67	8.09	7.9	2.13
436	1/24/2007 00:46	8.7	48.753	31.55	9.58	8.08	9.9	2.23
437	1/24/2007 01:01	8.74	48.93	31.68	9.44	8.07	10.2	2.32
438	1/24/2007 01:16	8.76	49.059	31.77	9.35	8.07	12.7	2.42
439	1/24/2007 01:31	8.77	49.352	31.98	9.21	8.05	15.1	2.52
440	1/24/2007 01:46	8.79	49.575	32.15	9.09	8.05	15.9	2.62
441	1/24/2007 02:01	8.84	49.918	32.4	8.86	8.03	15.2	2.71
442	1/24/2007 02:16	8.88	50.27	32.65	8.6	8.01	18.1	2.81
443	1/24/2007 02:31	8.91	50.474	32.8	8.45	8.01	16.9	2.90
444	1/24/2007 02:46	8.92	50.57	32.87	8.35	8.01	16.7	2.99
445	1/24/2007 03:01	8.93	50.67	32.95	8.29	8	15.2	3.07
446	1/24/2007 03:16	8.93	50.759	33.01	8.26	8	14.4	3.13
447	1/24/2007 03:31	8.92	50.79	33.03	8.26	8	11.2	3.18
448	1/24/2007 03:46	8.93	50.831	33.06	8.24	8	9.9	3.22
449	1/24/2007 04:01	8.86	50.587	32.88	8.29	8.01	7.6	3.24
450	1/24/2007 04:16	8.9	50.638	32.92	8.25	8	9.3	3.23
451	1/24/2007 04:31	8.92	50.835	33.07	8.24	7.99	10.1	3.20
452	1/24/2007 04:46	8.74	50.03	32.47	8.6	8.02	7.8	3.15
453	1/24/2007 05:01	8.79	50.153	32.56	8.59	8.02	7.2	3.07
454	1/24/2007 05:16	8.75	50.002	32.45	8.66	8.02	7.6	2.98
455	1/24/2007 05:31	8.76	50.031	32.47	8.61	8.02	7.0	2.89
456	1/24/2007 05:46	8.69	49.749	32.26	8.78	8.03	8.9	2.78
457	1/24/2007 06:01	8.67	49.701	32.23	8.82	8.03	7.7	2.68
458	1/24/2007 06:16	8.66	49.594	32.15	8.82	8.03	5.8	2.58
459	1/24/2007 06:31	8.64	49.432	32.03	8.95	8.03	5.8	2.48
460	1/24/2007 06:46	8.61	49.29	31.93	9.12	8.05	7.7	2.37
461	1/24/2007 07:01	8.57	49.012	31.72	9.23	8.06	6.9	2.27
462	1/24/2007 07:16	8.55	49.076	31.77	9.19	8.05	6.5	2.17
463	1/24/2007 07:31	8.51	48.735	31.52	9.39	8.07	7.5	2.06
464	1/24/2007 07:46	8.48	48.827	31.58	9.31	8.06	6.0	1.96
465	1/24/2007 08:01	8.39	48.397	31.27	9.44	8.08	6.2	1.86
466	1/24/2007 08:16	8.33	48.263	31.17	9.57	8.09	5.9	1.76
467	1/24/2007 08:31	8.29	48.265	31.17	9.55	8.09	5.4	1.67
468	1/24/2007 08:46	8.22	48.021	30.98	9.73	8.11	5.4	1.58
469	1/24/2007 09:01	8.22	48.069	31.02	9.76	8.1	5.1	1.50
470	1/24/2007 09:16	8.19	47.908	30.9	9.84	8.12	5.0	1.44
471	1/24/2007 09:31	8.14	47.815	30.83	9.89	8.12	4.5	1.38
472	1/24/2007 09:46	8.13	47.76	30.79	9.91	8.12	4.7	1.37
473	1/24/2007 10:01	8.12	47.726	30.77	9.91	8.12	4.0	1.34
474	1/24/2007 10:16	8.13	47.742	30.78	9.92	8.12	4.4	1.36
475	1/24/2007 10:31	8.18	47.833	30.85	9.88	8.12	4.6	1.39
476	1/24/2007 10:46	8.21	47.888	30.89	9.85	8.11	4.8	1.43
477	1/24/2007 11:01	8.26	47.929	30.92	9.83	8.11	4.6	1.50
478	1/24/2007 11:16	8.19	47.694	30.75	9.79	8.1	5.7	1.57
479	1/24/2007 11:31	8.14	47.574	30.66	9.77	8.1	5.8	1.65

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
480	1/24/2007 11:46	8.14	47.578	30.66	9.73	8.09	5.8	1.72
481	1/24/2007 12:01	8.24	47.873	30.88	9.66	8.09	5.9	1.79
482	1/24/2007 12:16	8.32	48.079	31.03	9.6	8.09	5.7	1.86
483	1/24/2007 12:31	8.38	48.299	31.2	9.51	8.08	5.4	1.93
484	1/24/2007 12:46	8.46	48.562	31.39	9.39	8.07	5.7	2.00
485	1/24/2007 13:01	8.53	48.759	31.54	9.29	8.06	5.8	2.06
486	1/24/2007 13:16	8.6	48.885	31.63	9.27	8.06	6.0	2.12
487	1/24/2007 13:31	8.62	48.957	31.69	9.24	8.06	5.9	2.18
488	1/24/2007 13:46	8.64	49.039	31.75	9.23	8.06	5.8	2.23
489	1/24/2007 14:01	8.65	49.12	31.81	9.19	8.06	6.3	2.30
490	1/24/2007 14:16	8.67	49.19	31.86	9.17	8.05	5.9	2.36
491	1/24/2007 14:31	8.69	49.302	31.94	9.11	8.05	5.8	2.41
492	1/24/2007 14:46	8.7	49.389	32.01	9.05	8.04	6.0	2.47
493	1/24/2007 15:01	8.71	49.488	32.08	9	8.04	6.6	2.52
494	1/24/2007 15:16	8.72	49.551	32.12	8.96	8.04	6.5	2.56
495	1/24/2007 15:31	8.74	49.586	32.15	8.93	8.04	6.3	2.61
496	1/24/2007 15:46	8.75	49.616	32.17	8.92	8.04	6.0	2.63
497	1/24/2007 16:01	8.76	49.62	32.18	8.92	8.04	5.4	2.66
498	1/24/2007 16:16	8.72	49.432	32.04	9	8.04	4.7	2.66
499	1/24/2007 16:31	8.76	49.645	32.19	8.85	8.03	5.7	2.63
500	1/24/2007 16:46	8.76	49.674	32.22	8.85	8.03	5.8	2.60
501	1/24/2007 17:01	8.71	49.146	31.83	9.12	8.06	5.0	2.56
502	1/24/2007 17:16	8.7	49.219	31.88	9.1	8.05	5.3	2.51
503	1/24/2007 17:31	8.7	49.204	31.87	9.12	8.05	6.0	2.42
504	1/24/2007 17:46	8.67	49.054	31.76	9.23	8.06	5.7	2.34
505	1/24/2007 18:01	8.65	49.072	31.77	9.3	8.07	6.0	2.27
506	1/24/2007 18:16	8.64	49.068	31.77	9.34	8.07	5.5	2.17
507	1/24/2007 18:31	8.62	48.934	31.67	9.45	8.09	5.2	2.09
508	1/24/2007 18:46	8.6	48.859	31.62	9.73	8.1	5.0	2.00
509	1/24/2007 19:01	8.55	48.68	31.48	9.8	8.11	4.8	1.91
510	1/24/2007 19:16	8.48	48.509	31.36	9.67	8.1	5.4	1.82
511	1/24/2007 19:31	8.46	48.503	31.35	9.54	8.09	5.2	1.72
512	1/24/2007 19:46	8.41	48.317	31.21	9.7	8.1	5.0	1.63
513	1/24/2007 20:01	8.38	48.209	31.13	9.77	8.12	4.6	1.55
514	1/24/2007 20:16	8.31	47.963	30.95	10.17	8.15	4.0	1.47
515	1/24/2007 20:31	8.26	47.849	30.87	10.38	8.17	3.8	1.42
516	1/24/2007 20:46	8.23	47.797	30.83	10.46	8.18	3.8	1.35
517	1/24/2007 21:01	8.22	47.742	30.79	10.47	8.18	3.8	1.34
518	1/24/2007 21:16	8.23	47.747	30.79	10.42	8.17	4.3	1.30
519	1/24/2007 21:31	8.23	47.758	30.8	10.45	8.18	3.7	1.29
520	1/24/2007 21:46	8.27	47.842	30.86	10.29	8.16	4.2	1.32
521	1/24/2007 22:01	8.27	47.878	30.89	10.28	8.16	4.1	1.34
522	1/24/2007 22:16	8.3	47.947	30.94	10.16	8.15	4.7	1.38
523	1/24/2007 22:31	8.29	47.932	30.93	10.16	8.15	4.6	1.43
524	1/24/2007 22:46	8.3	47.968	30.95	10.1	8.14	4.7	1.50
525	1/24/2007 23:01	8.26	47.728	30.78	10.06	8.13	5.3	1.58
526	1/24/2007 23:16	8.27	47.731	30.78	10	8.12	5.7	1.65
527	1/24/2007 23:31	8.26	47.608	30.69	9.95	8.12	5.8	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
528	1/24/2007 23:46	8.36	48.003	30.98	9.8	8.11	5.5	1.82
529	1/25/2007 00:01	8.41	48.18	31.11	9.67	8.1	5.5	1.89
530	1/25/2007 00:16	8.43	48.298	31.2	9.6	8.09	5.6	1.97
531	1/25/2007 00:31	8.53	48.639	31.45	9.39	8.08	5.7	2.05
532	1/25/2007 00:46	8.57	48.833	31.59	9.32	8.07	6.5	2.14
533	1/25/2007 01:01	8.6	48.931	31.67	9.3	8.07	6.5	2.23
534	1/25/2007 01:16	8.62	49.028	31.74	9.29	8.07	7.0	2.31
535	1/25/2007 01:31	8.64	49.167	31.84	9.22	8.06	7.6	2.40
536	1/25/2007 01:46	8.67	49.317	31.95	9.14	8.05	9.1	2.49
537	1/25/2007 02:01	8.7	49.494	32.08	9.05	8.04	11.3	2.58
538	1/25/2007 02:16	8.73	49.711	32.24	8.96	8.03	12.4	2.67
539	1/25/2007 02:31	8.76	49.887	32.37	8.89	8.03	11.6	2.77
540	1/25/2007 02:46	8.78	50.071	32.5	8.86	8.02	12.2	2.85
541	1/25/2007 03:01	8.82	50.305	32.67	8.85	8.01	12.6	2.94
542	1/25/2007 03:16	8.84	50.455	32.78	8.82	8.01	12.3	3.03
543	1/25/2007 03:31	8.84	50.511	32.82	8.81	8.01	10.7	3.10
544	1/25/2007 03:46	8.85	50.559	32.86	8.79	8.01	10.1	3.17
545	1/25/2007 04:01	8.84	50.57	32.87	8.77	8.01	8.6	3.22
546	1/25/2007 04:16	8.84	50.59	32.88	8.75	8.01	8.2	3.28
547	1/25/2007 04:31	8.83	50.642	32.92	8.74	8.01	7.3	3.30
548	1/25/2007 04:46	8.81	50.37	32.72	8.76	8.01	6.8	3.30
549	1/25/2007 05:01	8.83	50.527	32.84	8.73	8.01	7.2	3.30
550	1/25/2007 05:16	8.85	50.622	32.9	8.71	8.01	7.4	3.28
551	1/25/2007 05:31	8.72	50.274	32.64	8.84	8.01	6.6	3.21
552	1/25/2007 05:46	8.6	49.83	32.31	8.94	8.03	5.8	3.15
553	1/25/2007 06:01	8.63	49.833	32.32	8.9	8.02	6.0	3.07
554	1/25/2007 06:16	8.66	50.021	32.46	8.88	8.02	6.2	2.96
555	1/25/2007 06:31	8.63	49.874	32.35	8.89	8.02	6.1	2.87
556	1/25/2007 06:46	8.6	49.722	32.24	8.9	8.02	6.5	2.77
557	1/25/2007 07:01	8.6	49.73	32.24	8.89	8.02	5.9	2.65
558	1/25/2007 07:16	8.56	49.546	32.11	8.9	8.03	5.6	2.54
559	1/25/2007 07:31	8.55	49.614	32.15	8.92	8.02	5.6	2.44
560	1/25/2007 07:46	8.5	49.338	31.95	8.98	8.03	5.5	2.34
561	1/25/2007 08:01	8.45	49.113	31.79	9.08	8.05	6.3	2.23
562	1/25/2007 08:16	8.43	49.068	31.75	9.12	8.05	6.2	2.13
563	1/25/2007 08:31	8.38	48.866	31.6	9.16	8.05	5.7	2.01
564	1/25/2007 08:46	8.35	48.849	31.59	9.18	8.05	4.9	1.91
565	1/25/2007 09:01	8.32	48.829	31.57	9.23	8.06	5.2	1.81
566	1/25/2007 09:16	8.23	48.449	31.29	9.41	8.07	5.0	1.71
567	1/25/2007 09:31	8.23	48.444	31.29	9.46	8.08	5.1	1.61
568	1/25/2007 09:46	8.24	48.428	31.28	9.5	8.08	4.8	1.52
569	1/25/2007 10:01	8.22	48.33	31.21	9.59	8.09	4.7	1.42
570	1/25/2007 10:16	8.21	48.272	31.16	9.67	8.1	4.6	1.37
571	1/25/2007 10:31	8.19	48.135	31.06	9.68	8.11	3.9	1.30
572	1/25/2007 10:46	8.19	48.09	31.03	9.73	8.11	3.9	1.26
573	1/25/2007 11:01	8.18	48.039	30.99	9.73	8.11	3.9	1.26
574	1/25/2007 11:16	8.2	48.063	31.01	9.75	8.11	3.6	1.24
575	1/25/2007 11:31	8.21	48.079	31.03	9.71	8.11	3.7	1.26

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
576	1/25/2007 11:46	8.22	48.118	31.05	9.68	8.1	3.8	1.30
577	1/25/2007 12:01	8.24	48.09	31.04	9.66	8.1	4.2	1.35
578	1/25/2007 12:16	8.27	48.115	31.06	9.63	8.1	4.1	1.42
579	1/25/2007 12:31	8.18	47.713	30.76	9.68	8.09	5.2	1.49
580	1/25/2007 12:46	8.17	47.709	30.76	9.64	8.1	4.8	1.55
581	1/25/2007 13:01	8.15	47.683	30.74	9.61	8.09	4.7	1.63
582	1/25/2007 13:16	8.16	47.78	30.81	9.57	8.09	4.9	1.70
583	1/25/2007 13:31	8.21	48.002	30.97	9.5	8.08	4.9	1.75
584	1/25/2007 13:46	8.26	48.235	31.14	9.4	8.08	4.8	1.81
585	1/25/2007 14:01	8.3	48.382	31.25	9.32	8.07	4.9	1.86
586	1/25/2007 14:16	8.39	48.683	31.47	9.2	8.05	4.9	1.93
587	1/25/2007 14:31	8.45	48.846	31.59	9.15	8.05	5.2	2.00
588	1/25/2007 14:46	8.47	48.829	31.58	9.17	8.05	5.4	2.04
589	1/25/2007 15:01	8.51	48.85	31.6	9.17	8.05	5.0	2.11
590	1/25/2007 15:16	8.54	48.955	31.68	9.19	8.06	5.0	2.17
591	1/25/2007 15:31	8.55	49.066	31.76	9.15	8.05	5.3	2.20
592	1/25/2007 15:46	8.58	49.112	31.8	9.13	8.05	5.2	2.26
593	1/25/2007 16:01	8.63	49.178	31.85	9.12	8.05	4.9	2.31
594	1/25/2007 16:16	8.65	49.247	31.9	9.1	8.04	4.9	2.35
595	1/25/2007 16:31	8.64	49.349	31.97	9.06	8.04	5.0	2.38
596	1/25/2007 16:46	8.63	49.378	31.99	9.04	8.04	5.0	2.42
597	1/25/2007 17:01	8.62	49.391	32	9.02	8.04	5.0	2.45
598	1/25/2007 17:16	8.62	49.384	32	9	8.04	4.9	2.47
599	1/25/2007 17:31	8.63	49.285	31.92	9.06	8.05	5.1	2.47
600	1/25/2007 17:46	8.62	49.377	31.99	8.95	8.03	5.3	2.45
601	1/25/2007 18:01	8.62	49.411	32.01	8.96	8.03	5.2	2.43
602	1/25/2007 18:16	8.63	49.396	32	8.97	8.03	5.4	2.39
603	1/25/2007 18:31	8.63	49.368	31.98	8.96	8.03	5.7	2.36
604	1/25/2007 18:46	8.61	49.241	31.89	9.01	8.04	4.9	2.30
605	1/25/2007 19:01	8.52	49.077	31.77	9.21	8.06	4.6	2.22
606	1/25/2007 19:16	8.42	49.007	31.71	9.29	8.07	4.6	2.15
607	1/25/2007 19:31	8.43	48.956	31.67	9.36	8.08	4.9	2.09
608	1/25/2007 19:46	8.39	48.963	31.67	9.52	8.09	4.9	2.02
609	1/25/2007 20:01	8.4	48.763	31.53	9.72	8.11	4.9	1.96
610	1/25/2007 20:16	8.41	48.607	31.42	9.92	8.13	4.4	1.89
611	1/25/2007 20:31	8.31	48.508	31.34	9.75	8.11	4.4	1.83
612	1/25/2007 20:46	8.25	48.405	31.26	9.61	8.1	4.3	1.76
613	1/25/2007 21:01	8.24	48.346	31.22	9.58	8.1	4.3	1.71
614	1/25/2007 21:16	8.25	48.279	31.17	9.7	8.11	3.8	1.68
615	1/25/2007 21:31	8.28	48.168	31.09	9.87	8.13	3.9	1.63
616	1/25/2007 21:46	8.29	48.182	31.11	9.99	8.14	3.4	1.60
617	1/25/2007 22:01	8.29	48.135	31.07	10.07	8.15	3.3	1.59
618	1/25/2007 22:16	8.27	48.155	31.09	10.06	8.15	3.3	1.59
619	1/25/2007 22:31	8.28	48.182	31.11	9.99	8.14	3.5	1.60
620	1/25/2007 22:46	8.27	48.204	31.12	9.87	8.12	3.8	1.63
621	1/25/2007 23:01	8.25	48.222	31.13	9.76	8.12	3.9	1.64
622	1/25/2007 23:16	8.26	48.263	31.16	9.69	8.11	4.4	1.70
623	1/25/2007 23:31	8.28	48.337	31.22	9.65	8.11	4.4	1.74

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
624	1/25/2007 23:46	8.3	48.211	31.13	9.76	8.11	4.4	1.79
625	1/26/2007 00:01	8.32	48.208	31.13	9.77	8.11	4.6	1.85
626	1/26/2007 00:16	8.34	48.317	31.21	9.69	8.1	4.5	1.93
627	1/26/2007 00:31	8.38	48.504	31.34	9.55	8.09	5.0	1.99
628	1/26/2007 00:46	8.41	48.626	31.43	9.49	8.08	5.2	2.05
629	1/26/2007 01:01	8.5	48.896	31.63	9.37	8.07	5.0	2.14
630	1/26/2007 01:16	8.51	49.035	31.74	9.29	8.06	5.2	2.21
631	1/26/2007 01:31	8.54	49.165	31.83	9.27	8.06	5.3	2.27
632	1/26/2007 01:46	8.55	49.239	31.89	9.27	8.06	5.5	2.35
633	1/26/2007 02:01	8.58	49.323	31.95	9.23	8.05	6.0	2.43
634	1/26/2007 02:16	8.61	49.536	32.1	9.11	8.04	6.6	2.51
635	1/26/2007 02:31	8.66	49.72	32.24	9.04	8.03	8.0	2.59
636	1/26/2007 02:46	8.67	49.785	32.29	9.02	8.03	10.1	2.68
637	1/26/2007 03:01	8.7	49.957	32.41	9.02	8.02	10.5	2.77
638	1/26/2007 03:16	8.72	50.099	32.52	9.02	8.02	9.9	2.86
639	1/26/2007 03:31	8.76	50.278	32.65	9.02	8.02	9.7	2.95
640	1/26/2007 03:46	8.78	50.388	32.73	9.05	8.02	9.5	3.03
641	1/26/2007 04:01	8.82	50.545	32.85	9.1	8.02	9.3	3.10
642	1/26/2007 04:16	8.83	50.622	32.9	9.12	8.02	8.5	3.16
643	1/26/2007 04:31	8.8	50.624	32.9	9.13	8.02	7.9	3.21
644	1/26/2007 04:46	8.79	50.648	32.92	9.14	8.02	6.6	3.27
645	1/26/2007 05:01	8.83	50.683	32.95	9.12	8.02	6.5	3.30
646	1/26/2007 05:16	8.85	50.736	32.99	9.07	8.02	5.9	3.32
647	1/26/2007 05:31	8.8	50.564	32.86	9.03	8.01	6.1	3.32
648	1/26/2007 05:46	8.83	50.698	32.96	9.05	8.01	5.9	3.32
649	1/26/2007 06:01	8.85	50.767	33.01	9.06	8.01	5.7	3.29
650	1/26/2007 06:16	8.6	50.115	32.52	9.07	8.02	6.0	3.23
651	1/26/2007 06:31	8.58	50.005	32.44	9.04	8.02	5.2	3.17
652	1/26/2007 06:46	8.55	49.894	32.36	9.01	8.02	5.2	3.10
653	1/26/2007 07:01	8.53	49.85	32.32	9.03	8.02	5.0	3.01
654	1/26/2007 07:16	8.45	49.671	32.19	9.11	8.03	7.1	2.91
655	1/26/2007 07:31	8.52	49.812	32.29	9.05	8.03	5.8	2.82
656	1/26/2007 07:46	8.53	49.805	32.29	9.02	8.02	5.8	2.72
657	1/26/2007 08:01	8.48	49.679	32.2	9.03	8.02	4.7	2.61
658	1/26/2007 08:16	8.49	49.726	32.23	8.98	8.02	4.7	2.52
659	1/26/2007 08:31	8.49	49.69	32.2	8.99	8.03	4.9	2.41
660	1/26/2007 08:46	8.43	49.401	31.99	9.06	8.03	6.8	2.31
661	1/26/2007 09:01	8.37	49.124	31.79	9.15	8.05	6.1	2.20
662	1/26/2007 09:16	8.37	49.213	31.85	9.14	8.04	5.0	2.09
663	1/26/2007 09:31	8.33	49.005	31.7	9.29	8.06	4.9	2.00
664	1/26/2007 09:46	8.3	48.836	31.57	9.37	8.07	5.0	1.90
665	1/26/2007 10:01	8.32	48.896	31.62	9.39	8.07	4.6	1.77
666	1/26/2007 10:16	8.33	48.836	31.58	9.47	8.08	4.4	1.67
667	1/26/2007 10:31	8.35	48.847	31.59	9.6	8.09	4.1	1.56
668	1/26/2007 10:46	8.32	48.662	31.45	9.78	8.11	4.3	1.46
669	1/26/2007 11:01	8.32	48.54	31.36	9.92	8.12	4.6	1.36
670	1/26/2007 11:16	8.35	48.447	31.3	10.07	8.14	4.4	1.28
671	1/26/2007 11:31	8.37	48.332	31.22	10.13	8.15	3.8	1.21

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
672	1/26/2007 11:46	8.44	48.347	31.24	10.24	8.16	4.2	1.16
673	1/26/2007 12:01	8.39	48.215	31.14	10.18	8.15	4.1	1.12
674	1/26/2007 12:16	8.51	48.227	31.16	10.21	8.16	3.6	1.11
675	1/26/2007 12:31	8.5	48.308	31.21	10.22	8.15	3.7	1.12
676	1/26/2007 12:46	8.42	48.33	31.22	10.08	8.14	4.0	1.15
677	1/26/2007 13:01	8.44	48.37	31.25	10.03	8.14	4.1	1.18
678	1/26/2007 13:16	8.45	48.352	31.24	9.93	8.13	3.6	1.25
679	1/26/2007 13:31	8.44	48.371	31.25	9.86	8.12	4.1	1.30
680	1/26/2007 13:46	8.46	48.178	31.12	9.84	8.12	4.5	1.36
681	1/26/2007 14:01	8.42	48.252	31.17	9.79	8.11	4.6	1.43
682	1/26/2007 14:16	8.36	48.171	31.1	9.72	8.11	4.7	1.48
683	1/26/2007 14:31	8.36	48.199	31.12	9.68	8.11	4.6	1.55
684	1/26/2007 14:46	8.35	48.304	31.2	9.65	8.1	4.6	1.61
685	1/26/2007 15:01	8.37	48.347	31.23	9.61	8.1	4.4	1.66
686	1/26/2007 15:16	8.38	48.453	31.31	9.53	8.09	4.2	1.73
687	1/26/2007 15:31	8.38	48.545	31.37	9.46	8.08	4.4	1.78
688	1/26/2007 15:46	8.41	48.69	31.48	9.39	8.07	4.3	1.85
689	1/26/2007 16:01	8.47	48.891	31.63	9.3	8.07	4.6	1.91
690	1/26/2007 16:16	8.49	48.916	31.65	9.3	8.06	4.7	1.97
691	1/26/2007 16:31	8.53	48.977	31.69	9.33	8.06	4.4	2.03
692	1/26/2007 16:46	8.53	49.005	31.72	9.35	8.07	4.4	2.08
693	1/26/2007 17:01	8.53	49.055	31.75	9.34	8.06	4.4	2.15
694	1/26/2007 17:16	8.53	49.084	31.77	9.32	8.06	4.3	2.20
695	1/26/2007 17:31	8.54	49.135	31.81	9.3	8.06	4.3	2.25
696	1/26/2007 17:46	8.58	49.164	31.83	9.28	8.06	4.1	2.28
697	1/26/2007 18:01	8.59	49.184	31.85	9.24	8.05	4.2	2.32
698	1/26/2007 18:16	8.6	49.213	31.87	9.22	8.05	4.1	2.36
699	1/26/2007 18:31	8.6	49.214	31.87	9.2	8.05	4.1	2.39
700	1/26/2007 18:46	8.6	49.262	31.9	9.18	8.05	4.1	2.39
701	1/26/2007 19:01	8.59	49.169	31.84	9.17	8.06	4.2	2.41
702	1/26/2007 19:16	8.59	49.283	31.92	9.11	8.04	3.5	2.40
703	1/26/2007 19:31	8.59	49.342	31.96	9.1	8.04	3.8	2.38
704	1/26/2007 19:46	8.58	49.325	31.95	9.1	8.04	3.9	2.35
705	1/26/2007 20:01	8.58	49.289	31.92	9.12	8.04	4.0	2.31
706	1/26/2007 20:16	8.58	49.22	31.87	9.15	8.05	4.1	2.27
707	1/26/2007 20:31	8.58	49.143	31.82	9.2	8.05	4.1	2.23
708	1/26/2007 20:46	8.58	48.977	31.7	9.31	8.07	4.3	2.17
709	1/26/2007 21:01	8.57	48.941	31.67	9.33	8.07	4.0	2.13
710	1/26/2007 21:16	8.59	48.914	31.65	9.43	8.09	3.9	2.08
711	1/26/2007 21:31	8.6	48.854	31.61	9.46	8.09	4.0	2.03
712	1/26/2007 21:46	8.64	48.802	31.58	9.69	8.11	4.1	1.98
713	1/26/2007 22:01	8.66	48.71	31.51	9.91	8.13	3.6	1.95
714	1/26/2007 22:16	8.61	48.598	31.43	9.79	8.12	3.8	1.90
715	1/26/2007 22:31	8.65	48.595	31.43	9.84	8.13	3.6	1.88
716	1/26/2007 22:46	8.53	48.458	31.32	9.64	8.11	3.3	1.85
717	1/26/2007 23:01	8.52	48.448	31.31	9.63	8.11	2.9	1.84
718	1/26/2007 23:16	8.53	48.42	31.3	9.64	8.12	3.2	1.85
719	1/26/2007 23:31	8.57	48.555	31.4	9.65	8.11	3.9	1.84

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	1/26/2007 23:46	8.61	48.608	31.44	9.76	8.12	3.6	1.86
721	1/27/2007 00:01	8.61	48.652	31.47	9.73	8.11	3.8	1.90
722	1/27/2007 00:16	8.56	48.602	31.43	9.7	8.11	3.8	1.92
723	1/27/2007 00:31	8.55	48.659	31.47	9.61	8.1	3.7	1.95
724	1/27/2007 00:46	8.52	48.624	31.44	9.48	8.09	3.8	2.01
725	1/27/2007 01:01	8.52	48.652	31.46	9.46	8.08	3.9	2.07
726	1/27/2007 01:16	8.54	48.711	31.51	9.47	8.09	4.2	2.11
727	1/27/2007 01:31	8.57	48.817	31.58	9.48	8.08	4.1	2.16
728	1/27/2007 01:46	8.59	48.942	31.67	9.39	8.07	4.3	2.24
729	1/27/2007 02:01	8.58	49.071	31.77	9.3	8.06	4.4	2.30
730	1/27/2007 02:16	8.63	49.293	31.93	9.23	8.05	4.7	2.36
731	1/27/2007 02:31	8.64	49.417	32.02	9.22	8.05	4.7	2.42
732	1/27/2007 02:46	8.68	49.569	32.13	9.2	8.04	4.7	2.50
733	1/27/2007 03:01	8.71	49.672	32.21	9.18	8.04	4.8	2.57
734	1/27/2007 03:16	8.76	49.853	32.34	9.15	8.03	6.0	2.65
735	1/27/2007 03:31	8.78	49.95	32.42	9.13	8.03	5.9	2.73
736	1/27/2007 03:46	8.81	50.033	32.48	9.12	8.03	6.1	2.81
737	1/27/2007 04:01	8.83	50.183	32.59	9.1	8.03	7.2	2.89
738	1/27/2007 04:16	8.85	50.279	32.66	9.09	8.03	7.0	2.96
739	1/27/2007 04:31	8.87	50.395	32.74	9.08	8.03	6.6	3.04
740	1/27/2007 04:46	8.89	50.495	32.82	9.05	8.03	6.6	3.11
741	1/27/2007 05:01	8.92	50.572	32.87	9.03	8.02	6.5	3.17
742	1/27/2007 05:16	8.93	50.632	32.92	9.02	8.03	5.4	3.23
743	1/27/2007 05:31	8.96	50.698	32.97	9	8.03	5.2	3.28
744	1/27/2007 05:46	8.96	50.711	32.98	8.99	8.03	5.2	3.31
745	1/27/2007 06:01	8.97	50.736	33	8.95	8.03	4.2	3.34
746	1/27/2007 06:16	8.88	50.413	32.76	8.96	8.02	4.4	3.35
747	1/27/2007 06:31	8.93	50.61	32.9	8.9	8.02	4.3	3.35
748	1/27/2007 06:46	8.96	50.75	33.01	8.91	8.02	4.9	3.32
749	1/27/2007 07:01	8.96	50.736	33	8.91	8.02	4.4	3.29
750	1/27/2007 07:16	8.75	50.182	32.58	9.05	8.03	4.7	3.23
751	1/27/2007 07:31	8.72	50.036	32.47	9.03	8.02	4.4	3.15
752	1/27/2007 07:46	8.68	49.886	32.36	9.01	8.02	4.2	3.07
753	1/27/2007 08:01	8.61	49.687	32.21	9.07	8.03	5.2	2.99
754	1/27/2007 08:16	8.61	49.735	32.25	9.07	8.03	4.4	2.91
755	1/27/2007 08:31	8.64	49.827	32.32	9.05	8.03	4.4	2.80
756	1/27/2007 08:46	8.63	49.807	32.3	9.04	8.03	4.3	2.71
757	1/27/2007 09:01	8.62	49.743	32.25	9.03	8.03	4.2	2.60
758	1/27/2007 09:16	8.6	49.587	32.14	9.02	8.03	4.6	2.50
759	1/27/2007 09:31	8.59	49.524	32.09	9.06	8.04	4.5	2.40
760	1/27/2007 09:46	8.6	49.621	32.16	9.09	8.03	4.6	2.30
761	1/27/2007 10:01	8.53	49.237	31.88	9.15	8.05	5.2	2.19
762	1/27/2007 10:16	8.53	49.15	31.82	9.2	8.06	5.1	2.08
763	1/27/2007 10:31	8.55	49.142	31.82	9.27	8.06	4.5	1.97
764	1/27/2007 10:46	8.59	49.211	31.87	9.4	8.07	4.8	1.86
765	1/27/2007 11:01	8.61	49.096	31.79	9.49	8.08	4.6	1.73
766	1/27/2007 11:16	8.65	49.03	31.74	9.6	8.09	4.4	1.62
767	1/27/2007 11:31	8.63	48.863	31.62	9.72	8.11	4.1	1.50

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
768	1/27/2007 11:46	8.63	48.749	31.54	9.87	8.12	4.4	1.39
769	1/27/2007 12:01	8.64	48.572	31.41	10.1	8.15	4.5	1.27
770	1/27/2007 12:16	8.65	48.46	31.33	10.22	8.16	4.2	1.18
771	1/27/2007 12:31	8.7	48.46	31.34	10.31	8.17	4.2	1.12
772	1/27/2007 12:46	8.71	48.338	31.25	10.42	8.18	3.8	1.05
773	1/27/2007 13:01	8.73	48.239	31.18	10.45	8.19	4.0	0.99
774	1/27/2007 13:16	8.75	48.168	31.13	10.45	8.19	4.1	1.00
775	1/27/2007 13:31	8.76	48.259	31.2	10.48	8.19	3.9	1.00
776	1/27/2007 13:46	8.73	48.348	31.26	10.35	8.18	3.6	1.00
777	1/27/2007 14:01	8.68	48.366	31.27	10.24	8.17	3.4	1.05
778	1/27/2007 14:16	8.67	48.385	31.28	10.18	8.16	3.6	1.09
779	1/27/2007 14:31	8.68	48.402	31.29	10.15	8.16	3.5	1.13
780	1/27/2007 14:46	8.72	48.068	31.06	10.16	8.16	4.5	1.20
781	1/27/2007 15:01	8.75	47.731	30.82	10.21	8.17	5.7	1.25
782	1/27/2007 15:16	8.69	47.722	30.81	10.13	8.17	5.0	1.32
783	1/27/2007 15:31	8.69	47.732	30.82	10.11	8.16	5.0	1.38
784	1/27/2007 15:46	8.68	47.813	30.87	10.1	8.15	4.6	1.44
785	1/27/2007 16:01	8.68	47.845	30.9	9.93	8.15	4.4	1.50
786	1/27/2007 16:16	8.67	47.908	30.94	9.96	8.15	4.1	1.56
787	1/27/2007 16:31	8.64	48.133	31.1	9.8	8.13	4.3	1.64
788	1/27/2007 16:46	8.66	48.166	31.12	9.71	8.12	3.9	1.70
789	1/27/2007 17:01	8.63	48.654	31.47	9.48	8.09	4.3	1.77
790	1/27/2007 17:16	8.63	48.751	31.54	9.42	8.08	4.2	1.84
791	1/27/2007 17:31	8.62	48.807	31.58	9.4	8.08	4.4	1.92
792	1/27/2007 17:46	8.6	48.906	31.65	9.4	8.07	4.3	1.98
793	1/27/2007 18:01	8.59	48.984	31.71	9.38	8.07	4.1	2.03
794	1/27/2007 18:16	8.6	49.051	31.75	9.36	8.07	4.1	2.11
795	1/27/2007 18:31	8.61	49.122	31.81	9.32	8.06	4.3	2.16
796	1/27/2007 18:46	8.62	49.173	31.84	9.28	8.06	4.6	2.21
797	1/27/2007 19:01	8.64	49.216	31.88	9.25	8.05	4.5	2.27
798	1/27/2007 19:16	8.65	49.245	31.9	9.24	8.06	4.3	2.31
799	1/27/2007 19:31	8.66	49.277	31.92	9.22	8.05	4.3	2.35
800	1/27/2007 19:46	8.68	49.335	31.96	9.19	8.05	4.2	2.39
801	1/27/2007 20:01	8.7	49.364	31.99	9.17	8.05	4.1	2.42
802	1/27/2007 20:16	8.72	49.405	32.02	9.14	8.04	4.4	2.44
803	1/27/2007 20:31	8.65	49.243	31.9	9.14	8.05	3.8	2.45
804	1/27/2007 20:46	8.72	49.388	32.01	9.08	8.04	3.6	2.45
805	1/27/2007 21:01	8.72	49.405	32.02	9.09	8.04	4.1	2.45
806	1/27/2007 21:16	8.73	49.443	32.05	9.1	8.04	4.5	2.40
807	1/27/2007 21:31	8.71	49.396	32.01	9.1	8.04	4.3	2.40
808	1/27/2007 21:46	8.67	49.277	31.92	9.1	8.05	4.4	2.35
809	1/27/2007 22:01	8.64	49.131	31.81	9.16	8.05	3.6	2.31
810	1/27/2007 22:16	8.63	49.105	31.8	9.18	8.06	4.0	2.28
811	1/27/2007 22:31	8.61	49.056	31.76	9.21	8.06	4.1	2.22
812	1/27/2007 22:46	8.6	49.029	31.74	9.19	8.06	3.6	2.20
813	1/27/2007 23:01	8.61	49.02	31.73	9.22	8.07	3.6	2.14
814	1/27/2007 23:16	8.59	48.979	31.7	9.19	8.06	3.5	2.11
815	1/27/2007 23:31	8.59	48.889	31.64	9.35	8.08	3.4	2.08

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
816	1/27/2007 23:46	8.59	48.762	31.55	9.48	8.1	3.5	2.06
817	1/28/2007 00:01	8.59	48.722	31.52	9.48	8.1	3.3	2.04
818	1/28/2007 00:16	8.58	48.687	31.49	9.3	8.08	3.0	2.01
819	1/28/2007 00:31	8.59	48.662	31.47	9.21	8.08	2.0	2.00
820	1/28/2007 00:46	8.6	48.752	31.54	9.3	8.08	3.4	2.00
821	1/28/2007 01:01	8.57	48.74	31.53	9.32	8.08	3.4	2.03
822	1/28/2007 01:16	8.56	48.788	31.56	9.31	8.08	3.5	2.05
823	1/28/2007 01:31	8.59	48.854	31.61	9.32	8.08	3.6	2.07
824	1/28/2007 01:46	8.59	48.883	31.63	9.36	8.08	3.5	2.12
825	1/28/2007 02:01	8.54	48.766	31.55	9.28	8.07	3.8	2.17
826	1/28/2007 02:16	8.58	48.828	31.59	9.32	8.08	3.8	2.20
827	1/28/2007 02:31	8.6	48.936	31.67	9.29	8.07	4.1	2.26
828	1/28/2007 02:46	8.63	49.051	31.76	9.24	8.06	3.9	2.31
829	1/28/2007 03:01	8.7	49.315	31.95	9.15	8.05	4.1	2.38
830	1/28/2007 03:16	8.71	49.375	32	9.14	8.05	4.1	2.45
831	1/28/2007 03:31	8.78	49.618	32.18	9.12	8.04	4.3	2.49
832	1/28/2007 03:46	8.8	49.721	32.25	9.13	8.04	4.3	2.56
833	1/28/2007 04:01	8.82	49.858	32.35	9.12	8.04	4.1	2.63
834	1/28/2007 04:16	8.85	49.934	32.41	9.12	8.04	4.5	2.70
835	1/28/2007 04:31	8.89	50.093	32.53	9.1	8.04	4.7	2.77
836	1/28/2007 04:46	8.92	50.215	32.62	9.08	8.04	5.0	2.86
837	1/28/2007 05:01	8.92	50.299	32.68	9.08	8.04	5.4	2.93
838	1/28/2007 05:16	8.95	50.431	32.78	9.07	8.04	5.7	3.00
839	1/28/2007 05:31	8.96	50.497	32.82	9.06	8.04	5.5	3.07
840	1/28/2007 05:46	8.98	50.576	32.88	9.06	8.04	6.0	3.14
841	1/28/2007 06:01	8.98	50.624	32.92	9.04	8.04	5.2	3.18
842	1/28/2007 06:16	8.99	50.679	32.96	9.01	8.04	4.7	3.24
843	1/28/2007 06:31	9	50.718	32.99	8.99	8.04	4.6	3.28
844	1/28/2007 06:46	8.99	50.739	33	8.96	8.04	4.6	3.31
845	1/28/2007 07:01	8.99	50.714	32.98	8.96	8.04	4.0	3.34
846	1/28/2007 07:16	8.93	50.477	32.81	8.92	8.04	3.8	3.34
847	1/28/2007 07:31	8.99	50.68	32.96	8.89	8.03	3.5	3.34
848	1/28/2007 07:46	9.02	50.77	33.03	8.92	8.04	4.0	3.31
849	1/28/2007 08:01	9.02	50.776	33.03	8.89	8.04	4.2	3.29
850	1/28/2007 08:16	8.73	50.105	32.52	9.07	8.03	3.7	3.21
851	1/28/2007 08:31	8.7	49.936	32.4	9.03	8.03	3.8	3.16
852	1/28/2007 08:46	8.63	49.696	32.22	9.01	8.04	4.1	3.09
853	1/28/2007 09:01	8.64	49.703	32.23	9.03	8.04	3.6	2.99
854	1/28/2007 09:16	8.67	49.785	32.29	9.05	8.03	3.8	2.90
855	1/28/2007 09:31	8.7	49.896	32.37	9.07	8.03	3.6	2.80
856	1/28/2007 09:46	8.72	49.948	32.41	9.08	8.04	3.5	2.71
857	1/28/2007 10:01	8.7	49.735	32.25	9.09	8.04	3.6	2.61
858	1/28/2007 10:16	8.69	49.638	32.18	9.08	8.04	4.1	2.50
859	1/28/2007 10:31	8.71	49.622	32.17	9.09	8.04	3.8	2.41
860	1/28/2007 10:46	8.7	49.495	32.08	9.1	8.04	3.8	2.31
861	1/28/2007 11:01	8.69	49.448	32.05	9.13	8.05	4.4	2.19
862	1/28/2007 11:16	8.7	49.417	32.03	9.23	8.06	3.8	2.07
863	1/28/2007 11:31	8.7	49.379	32	9.28	8.06	4.1	1.96

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
864	1/28/2007 11:46	8.69	49.279	31.93	9.34	8.07	4.6	1.84
865	1/28/2007 12:01	8.66	49.1	31.79	9.41	8.08	4.9	1.72
866	1/28/2007 12:16	8.68	49.021	31.74	9.58	8.1	4.5	1.56
867	1/28/2007 12:31	8.68	48.914	31.66	9.72	8.11	4.7	1.45
868	1/28/2007 12:46	8.68	48.782	31.57	9.94	8.13	4.8	1.32
869	1/28/2007 13:01	8.68	48.717	31.52	10.01	8.14	4.5	1.19
870	1/28/2007 13:16	8.65	48.572	31.41	10.05	8.14	4.3	1.10
871	1/28/2007 13:31	8.65	48.457	31.33	10.17	8.16	4.0	0.98
872	1/28/2007 13:46	8.67	48.38	31.28	10.32	8.18	4.3	0.90
873	1/28/2007 14:01	8.7	48.319	31.24	10.47	8.2	3.9	0.87
874	1/28/2007 14:16	8.72	48.247	31.19	10.51	8.21	3.4	0.85
875	1/28/2007 14:31	8.71	48.368	31.27	10.44	8.19	3.6	0.85
876	1/28/2007 14:46	8.72	48.412	31.3	10.33	8.18	3.6	0.85
877	1/28/2007 15:01	8.7	48.407	31.3	10.25	8.18	3.2	0.91
878	1/28/2007 15:16	8.7	48.433	31.32	10.18	8.16	3.2	0.94
879	1/28/2007 15:31	8.7	48.458	31.34	10.11	8.16	3.2	1.00
880	1/28/2007 15:46	8.71	48.316	31.24	10.11	8.16	3.5	1.06
881	1/28/2007 16:01	8.74	47.919	30.95	10.19	8.17	3.9	1.12
882	1/28/2007 16:16	8.71	47.598	30.72	10.18	8.18	4.2	1.18
883	1/28/2007 16:31	8.71	47.745	30.83	10.14	8.17	4.2	1.24
884	1/28/2007 16:46	8.71	47.76	30.84	10.09	8.17	4.1	1.31
885	1/28/2007 17:01	8.7	47.823	30.88	10.07	8.16	3.9	1.38
886	1/28/2007 17:16	8.67	48.268	31.2	9.89	8.14	4.0	1.45
887	1/28/2007 17:31	8.66	48.374	31.27	9.77	8.13	4.2	1.55
888	1/28/2007 17:46	8.66	48.556	31.4	9.59	8.11	4.1	1.63
889	1/28/2007 18:01	8.67	48.674	31.49	9.46	8.09	4.3	1.70
890	1/28/2007 18:16	8.66	48.804	31.58	9.4	8.08	4.6	1.79
891	1/28/2007 18:31	8.66	48.804	31.58	9.38	8.08	4.3	1.86
892	1/28/2007 18:46	8.63	48.921	31.66	9.4	8.08	4.6	1.94
893	1/28/2007 19:01	8.63	49.025	31.74	9.37	8.08	4.6	2.01
894	1/28/2007 19:16	8.64	49.081	31.78	9.38	8.08	4.5	2.10
895	1/28/2007 19:31	8.65	49.178	31.85	9.32	8.07	4.4	2.16
896	1/28/2007 19:46	8.66	49.257	31.91	9.26	8.06	4.3	2.21
897	1/28/2007 20:01	8.68	49.315	31.95	9.23	8.06	4.4	2.28
898	1/28/2007 20:16	8.69	49.322	31.96	9.21	8.06	4.4	2.33
899	1/28/2007 20:31	8.73	49.43	32.04	9.19	8.05	5.0	2.40
900	1/28/2007 20:46	8.75	49.485	32.08	9.18	8.05	5.1	2.44
901	1/28/2007 21:01	8.76	49.542	32.12	9.18	8.05	4.5	2.48
902	1/28/2007 21:16	8.76	49.582	32.15	9.17	8.05	4.1	2.52
903	1/28/2007 21:31	8.77	49.618	32.18	9.16	8.05	4.5	2.56
904	1/28/2007 21:46	8.72	49.496	32.08	9.14	8.05	3.6	2.56
905	1/28/2007 22:01	8.77	49.565	32.14	9.08	8.05	3.8	2.58
906	1/28/2007 22:16	8.78	49.642	32.19	9.1	8.04	3.8	2.57
907	1/28/2007 22:31	8.7	49.405	32.02	9.1	8.05	3.5	2.53
908	1/28/2007 22:46	8.61	49.166	31.84	9.15	8.06	4.9	2.52
909	1/28/2007 23:01	8.6	49.139	31.82	9.27	8.07	3.8	2.48
910	1/28/2007 23:16	8.65	49.295	31.93	9.13	8.05	3.8	2.41
911	1/28/2007 23:31	8.62	49.203	31.86	9.13	8.06	3.8	2.37

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
912	1/28/2007 23:46	8.62	49.185	31.85	9.19	8.06	4.1	2.31
913	1/29/2007 00:01	8.63	49.22	31.88	9.16	8.06	3.5	2.26
914	1/29/2007 00:16	8.62	49.166	31.84	9.2	8.07	3.5	2.23
915	1/29/2007 00:31	8.57	49.189	31.85	9.19	8.07	3.6	2.19
916	1/29/2007 00:46	8.54	49.142	31.81	9.19	8.07	3.2	2.16
917	1/29/2007 01:01	8.55	49.078	31.77	9.26	8.07	3.5	2.14
918	1/29/2007 01:16	8.54	49.04	31.74	9.33	8.08	3.4	2.10
919	1/29/2007 01:31	8.54	48.969	31.69	9.39	8.09	3.4	2.08
920	1/29/2007 01:46	8.54	48.932	31.66	9.4	8.09	3.2	2.09
921	1/29/2007 02:01	8.52	48.917	31.65	9.35	8.09	4.8	2.08
922	1/29/2007 02:16	8.51	48.997	31.71	9.31	8.08	3.3	2.09
923	1/29/2007 02:31	8.51	49.01	31.72	9.3	8.07	3.4	2.11
924	1/29/2007 02:46	8.53	49.04	31.74	9.23	8.07	3.3	2.14
925	1/29/2007 03:01	8.54	49.012	31.72	9.22	8.07	3.3	2.17
926	1/29/2007 03:16	8.52	49.036	31.74	9.22	8.07	3.4	2.22
927	1/29/2007 03:31	8.51	48.911	31.65	9.21	8.07	3.8	2.26
928	1/29/2007 03:46	8.54	49.009	31.72	9.2	8.06	3.6	2.32
929	1/29/2007 04:01	8.6	49.187	31.85	9.17	8.06	4.0	2.38
930	1/29/2007 04:16	8.63	49.297	31.93	9.17	8.06	3.9	2.43
931	1/29/2007 04:31	8.71	49.564	32.13	9.15	8.05	3.9	2.50
932	1/29/2007 04:46	8.76	49.745	32.27	9.18	8.05	4.1	2.57
933	1/29/2007 05:01	8.77	49.862	32.35	9.24	8.05	4.6	2.63
934	1/29/2007 05:16	8.85	50.049	32.49	9.25	8.05	4.1	2.71
935	1/29/2007 05:31	8.87	50.105	32.53	9.27	8.05	4.4	2.77
936	1/29/2007 05:46	8.89	50.187	32.59	9.27	8.05	4.5	2.85
937	1/29/2007 06:01	8.93	50.328	32.7	9.28	8.05	4.6	2.92
938	1/29/2007 06:16	8.98	50.457	32.8	9.28	8.05	4.4	2.99
939	1/29/2007 06:31	9.01	50.532	32.85	9.28	8.05	4.4	3.07
940	1/29/2007 06:46	9.03	50.619	32.92	9.28	8.06	4.7	3.12
941	1/29/2007 07:01	9.05	50.685	32.97	9.27	8.06	4.7	3.19
942	1/29/2007 07:16	9.06	50.741	33.01	9.27	8.06	4.9	3.24
943	1/29/2007 07:31	9.08	50.769	33.03	9.25	8.06	4.3	3.29
944	1/29/2007 07:46	9.08	50.799	33.05	9.24	8.06	4.1	3.33
945	1/29/2007 08:01	9.1	50.808	33.06	9.22	8.06	3.6	3.36
946	1/29/2007 08:16	9	50.7	32.97	9.12	8.05	2.9	3.38
947	1/29/2007 08:31	9.04	50.647	32.94	9.15	8.05	3.3	3.37
948	1/29/2007 08:46	9.07	50.776	33.03	9.15	8.05	3.6	3.34
949	1/29/2007 09:01	9.07	50.778	33.04	9.13	8.05	3.7	3.32
950	1/29/2007 09:16	8.94	50.505	32.83	9.18	8.05	3.5	3.26
951	1/29/2007 09:31	8.82	50.195	32.59	9.24	8.05	3.3	3.18
952	1/29/2007 09:46	8.76	50.042	32.48	9.19	8.05	3.2	3.11
953	1/29/2007 10:01	8.67	49.844	32.33	9.18	8.05	4.0	3.02
954	1/29/2007 10:16	8.68	49.831	32.32	9.19	8.05	3.6	2.92
955	1/29/2007 10:31	8.76	50.023	32.47	9.23	8.05	3.8	2.82
956	1/29/2007 10:46	8.77	50.007	32.46	9.23	8.05	3.5	2.73
957	1/29/2007 11:01	8.74	49.85	32.34	9.23	8.05	3.6	2.62
958	1/29/2007 11:16	8.75	49.798	32.3	9.2	8.05	4.5	2.50
959	1/29/2007 11:31	8.74	49.707	32.24	9.19	8.05	5.0	2.39

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	
960	1/29/2007 11:46	8.73	49.479	32.07	9.36	8.07	4.6	2.28	
961	1/29/2007 12:01	8.93	49.736	32.27	9.48	8.08	3.2	2.15	
962	1/29/2007 12:16	8.83	49.488	32.09	9.44	8.08	4.6	2.02	
963	1/29/2007 12:31	8.84	49.43	32.05	9.53	8.08	4.9	1.90	
964	1/29/2007 12:46	9	49.399	32.04	9.82	8.1	4.0	1.75	
965	1/29/2007 13:01	9.08	49.352	32.01	9.94	8.12	4.7	1.61	
966	1/29/2007 13:16	9.04	49.094	31.82	10.11	8.13	4.6	1.48	
967	1/29/2007 13:31	9.03	48.924	31.7	10.3	8.16	4.9	1.33	
968	1/29/2007 13:46	9.05	48.866	31.66	10.48	8.17	5.5	1.20	
969	1/29/2007 14:01	8.99	48.747	31.57	10.48	8.18	4.4	1.07	
970	1/29/2007 14:16	8.94	48.674	31.51	10.5	8.18	4.4	0.95	
971	1/29/2007 14:31	8.88	48.639	31.48	10.45	8.18	3.9	0.86	
972	1/29/2007 14:46	8.95	48.566	31.43	10.68	8.2	4.3	0.78	
973	1/29/2007 15:01	9.03	48.493	31.39	10.78	8.21	4.0	0.70	
974	1/29/2007 15:16	9.06	48.45	31.36	10.85	8.23	4.1	0.70	
975	1/29/2007 15:31	9.09	48.586	31.46	10.71	8.2	4.4	0.71	
976	1/29/2007 15:46	8.97	48.524	31.4	10.69	8.2	5.3	0.74	
977	1/29/2007 16:01	8.94	48.544	31.42	10.66	8.2	3.7	0.81	
978	1/29/2007 16:16	8.95	48.558	31.43	10.64	8.19	4.2	0.87	
979	1/29/2007 16:31	8.93	48.541	31.41	10.65	8.2	3.8	0.93	
980	1/29/2007 16:46	8.92	48.237	31.19	10.51	8.19	4.5	1.00	
981	1/29/2007 17:01	8.92	47.757	30.85	10.46	8.2	5.0	1.04	
982	1/29/2007 17:16	8.85	47.815	30.89	10.37	8.19	4.9	1.13	
983	1/29/2007 17:31	8.86	47.865	30.92	10.37	8.19	4.8	1.21	
984	1/29/2007 17:46	8.85	47.588	30.73	10.32	8.19	4.8	1.26	
985	1/29/2007 18:01	8.84	48.102	31.09	10.26	8.17	4.3	1.33	
986	1/29/2007 18:16	8.83	48.361	31.28	10.16	8.16	4.1	1.43	
987	1/29/2007 18:31	8.82	48.357	31.27	10.03	8.15	4.2	1.51	
988	1/29/2007 18:46	8.81	48.485	31.36	9.84	8.13	4.1	1.60	
989	1/29/2007 19:01	8.79	48.73	31.54	9.67	8.11	4.3	1.69	
990	1/29/2007 19:16	8.74	48.852	31.62	9.54	8.1	4.8	1.78	
991	1/29/2007 19:31	8.72	48.978	31.71	9.52	8.09	5.0	1.89	
992	1/29/2007 19:46	8.71	49.055	31.77	9.52	8.09	5.0	1.96	
993	1/29/2007 20:01	8.72	49.149	31.83	9.48	8.08	4.9	2.04	
994	1/29/2007 20:16	8.74	49.249	31.91	9.41	8.08	5.0	2.14	
995	1/29/2007 20:31	8.75	49.307	31.95	9.37	8.08	5.2	2.19	
996	1/29/2007 20:46	8.76	49.406	32.02	9.34	8.07	5.7	2.28	
997	1/29/2007 21:01	8.8	49.472	32.07	9.32	8.06	5.7	2.34	
998	1/29/2007 21:16	8.83	49.574	32.15	9.31	8.06	6.6	2.41	
999	1/29/2007 21:31	8.84	49.702	32.24	9.31	8.06	5.6	2.47	
1000	1/29/2007 21:46	8.89	49.829	32.34	9.32	8.06	5.2	2.53	
1001	1/29/2007 22:01	8.92	49.934	32.41	9.35	8.07	5.0	2.59	
1002	1/29/2007 22:16	8.95	50.018	32.48	9.35	8.07	4.9	2.63	
1003	1/29/2007 22:31	8.95	50.035	32.49	9.34	8.07	4.4	2.66	
1004	1/29/2007 22:46	8.98	50.101	32.54	9.31	8.07	4.1	2.68	
1005	1/29/2007 23:01	8.91	49.92	32.4	9.21	8.06	3.7	2.68	
1006	1/29/2007 23:16	8.95	50.028	32.49	9.24	8.07	4.7	2.68	
1007	1/29/2007 23:31	8.97	50.12	32.55	9.28	8.06	4.0	2.63	

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
1008	1/29/2007 23:46	8.64	49.491	32.07	9.3	8.07	3.8	2.61
1009	1/30/2007 00:01	8.54	49.23	31.88	9.34	8.09	3.6	2.56
1010	1/30/2007 00:16	8.68	49.561	32.13	9.27	8.07	3.8	2.50
1011	1/30/2007 00:31	8.69	49.511	32.09	9.21	8.06	3.8	2.45
1012	1/30/2007 00:46	8.61	49.391	32	9.21	8.06	3.6	2.38
1013	1/30/2007 01:01	8.61	49.375	31.99	9.25	8.07	3.6	2.32
1014	1/30/2007 01:16	8.63	49.463	32.05	9.21	8.06	3.5	2.28
1015	1/30/2007 01:31	8.64	49.378	31.99	9.26	8.07	3.6	2.23
1016	1/30/2007 01:46	8.63	49.303	31.94	9.27	8.07	3.4	2.19
1017	1/30/2007 02:01	8.59	49.253	31.9	9.31	8.08	3.3	2.14
1018	1/30/2007 02:16	8.55	49.151	31.82	9.34	8.09	3.4	2.11
1019	1/30/2007 02:31	8.54	48.897	31.64	9.35	8.09	5.6	2.09
1020	1/30/2007 02:46	8.5	48.993	31.7	9.34	8.09	3.3	2.06
1021	1/30/2007 03:01	8.48	48.954	31.67	9.26	8.09	3.3	2.06
1022	1/30/2007 03:16	8.46	48.958	31.68	9.26	8.08	3.0	2.06
1023	1/30/2007 03:31	8.5	49.085	31.77	9.28	8.08	3.4	2.07
1024	1/30/2007 03:46	8.51	49.142	31.81	9.24	8.07	3.5	2.06
1025	1/30/2007 04:01	8.57	49.222	31.87	9.25	8.07	3.5	2.12
1026	1/30/2007 04:16	8.58	49.275	31.91	9.23	8.07	3.9	2.16
1027	1/30/2007 04:31	8.52	49.101	31.78	9.26	8.07	4.2	2.21
1028	1/30/2007 04:46	8.53	49.128	31.8	9.27	8.07	4.6	2.28
1029	1/30/2007 05:01	8.62	49.343	31.96	9.24	8.06	4.4	2.34
1030	1/30/2007 05:16	8.68	49.499	32.08	9.23	8.06	4.4	2.42
1031	1/30/2007 05:31	8.78	49.724	32.25	9.24	8.06	4.6	2.48
1032	1/30/2007 05:46	8.86	49.913	32.39	9.27	8.07	4.6	2.56
1033	1/30/2007 06:01	8.94	50.068	32.51	9.27	8.07	4.3	2.63
1034	1/30/2007 06:16	8.96	50.078	32.52	9.27	8.08	4.4	2.71
1035	1/30/2007 06:31	8.97	50.148	32.57	9.27	8.07	4.9	2.78
1036	1/30/2007 06:46	9.03	50.254	32.65	9.25	8.07	4.5	2.86
1037	1/30/2007 07:01	9.09	50.352	32.73	9.22	8.08	5.2	2.95
1038	1/30/2007 07:16	9.13	50.439	32.8	9.2	8.08	5.2	3.02
1039	1/30/2007 07:31	9.18	50.519	32.86	9.18	8.08	5.3	3.09
1040	1/30/2007 07:46	9.19	50.571	32.9	9.18	8.08	4.8	3.16
1041	1/30/2007 08:01	9.21	50.617	32.93	9.19	8.09	4.6	3.22
1042	1/30/2007 08:16	9.24	50.662	32.96	9.19	8.08	4.4	3.28
1043	1/30/2007 08:31	9.25	50.685	32.98	9.19	8.09	3.6	3.32
1044	1/30/2007 08:46	9.26	50.686	32.98	9.19	8.09	3.9	3.37
1045	1/30/2007 09:01	9.27	50.688	32.99	9.19	8.09	3.1	3.41
1046	1/30/2007 09:16	9.2	50.675	32.97	9.11	8.08	2.3	3.41
1047	1/30/2007 09:31	9.18	50.545	32.88	9.1	8.08	3.6	3.41
1048	1/30/2007 09:46	9.19	50.614	32.93	9.05	8.08	3.2	3.41
1049	1/30/2007 10:01	9.21	50.672	32.97	9.15	8.08	3.3	3.36
1050	1/30/2007 10:16	9.21	50.64	32.95	9.15	8.08	3.8	3.30
1051	1/30/2007 10:31	8.9	50.129	32.55	9.24	8.07	3.8	3.23
1052	1/30/2007 10:46	8.81	49.946	32.41	9.23	8.07	3.5	3.15
1053	1/30/2007 11:01	8.79	49.849	32.34	9.21	8.07	3.9	3.04
1054	1/30/2007 11:16	8.84	49.927	32.4	9.25	8.07	3.9	2.93
1055	1/30/2007 11:31	8.94	50.062	32.51	9.3	8.07	4.5	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
1056	1/30/2007 11:46	8.94	50.026	32.48	9.3	8.07	4.6	2.71
1057	1/30/2007 12:01	8.91	49.941	32.42	9.33	8.07	4.6	2.59
1058	1/30/2007 12:16	8.92	49.899	32.39	9.39	8.08	4.6	2.46
1059	1/30/2007 12:31	8.94	49.813	32.33	9.42	8.08	4.5	2.34
1060	1/30/2007 12:46	8.87	49.579	32.16	9.46	8.08	5.7	2.21
1061	1/30/2007 13:01	8.85	49.459	32.07	9.6	8.09	5.7	2.06
1062	1/30/2007 13:16	9.1	49.754	32.3	9.82	8.12	4.4	1.94
1063	1/30/2007 13:31	8.96	49.474	32.09	9.8	8.12	4.3	1.81
1064	1/30/2007 13:46	9.14	49.519	32.13	10.06	8.14	5.7	1.64
1065	1/30/2007 14:01	9.15	49.506	32.12	10.11	8.15	6.6	1.52
1066	1/30/2007 14:16	8.96	49.172	31.87	10.2	8.14	6.1	1.37
1067	1/30/2007 14:31	8.98	49.149	31.85	10.27	8.15	5.6	1.21
1068	1/30/2007 14:46	8.88	49.023	31.76	10.32	8.16	5.0	1.07
1069	1/30/2007 15:01	8.86	48.973	31.72	10.3	8.15	4.6	0.94
1070	1/30/2007 15:16	8.83	48.891	31.66	10.34	8.16	4.3	0.81
1071	1/30/2007 15:31	8.84	48.84	31.62	10.47	8.18	4.1	0.71
1072	1/30/2007 15:46	8.84	48.813	31.6	10.52	8.18	4.4	0.65
1073	1/30/2007 16:01	8.81	48.604	31.45	10.75	8.21	3.8	0.59
1074	1/30/2007 16:16	8.8	48.528	31.39	10.71	8.23	2.4	0.61
1075	1/30/2007 16:31	8.81	48.617	31.46	10.79	8.22	3.6	0.65
1076	1/30/2007 16:46	8.8	48.638	31.47	10.71	8.21	3.6	0.69
1077	1/30/2007 17:01	8.77	48.651	31.48	10.6	8.19	3.7	0.77
1078	1/30/2007 17:16	8.76	48.637	31.47	10.57	8.2	3.8	0.84
1079	1/30/2007 17:31	8.74	48.334	31.25	10.48	8.2	4.4	0.91
1080	1/30/2007 17:46	8.74	48.291	31.22	10.45	8.2	4.4	0.98
1081	1/30/2007 18:01	8.75	48.446	31.33	10.39	8.18	4.6	1.05
1082	1/30/2007 18:16	8.75	48.28	31.21	10.33	8.19	4.6	1.13
1083	1/30/2007 18:31	8.76	48.366	31.27	10.26	8.17	4.9	1.21
1084	1/30/2007 18:46	8.76	48.39	31.29	10.23	8.17	4.8	1.28
1085	1/30/2007 19:01	8.76	48.428	31.32	10.19	8.18	4.6	1.37
1086	1/30/2007 19:16	8.74	48.392	31.29	10.15	8.17	4.7	1.47
1087	1/30/2007 19:31	8.78	48.761	31.56	9.97	8.14	5.2	1.56
1088	1/30/2007 19:46	8.77	48.969	31.71	9.74	8.11	5.8	1.66
1089	1/30/2007 20:01	8.76	49.071	31.78	9.66	8.11	5.4	1.76
1090	1/30/2007 20:16	8.76	49.106	31.81	9.66	8.1	5.5	1.86
1091	1/30/2007 20:31	8.78	49.175	31.86	9.6	8.1	5.6	1.97
1092	1/30/2007 20:46	8.79	49.231	31.9	9.55	8.1	6.2	2.07
1093	1/30/2007 21:01	8.81	49.285	31.94	9.5	8.09	6.5	2.14
1094	1/30/2007 21:16	8.84	49.378	32.01	9.45	8.09	6.5	2.23
1095	1/30/2007 21:31	8.9	49.499	32.1	9.4	8.08	7.3	2.32
1096	1/30/2007 21:46	8.92	49.594	32.17	9.37	8.08	7.7	2.39
1097	1/30/2007 22:01	8.99	49.726	32.27	9.36	8.08	7.4	2.46
1098	1/30/2007 22:16	9.07	49.899	32.4	9.38	8.09	6.8	2.54
1099	1/30/2007 22:31	9.11	49.982	32.46	9.38	8.09	6.9	2.60
1100	1/30/2007 22:46	9.13	50.045	32.51	9.36	8.09	5.8	2.67
1101	1/30/2007 23:01	9.15	50.063	32.53	9.34	8.09	5.5	2.72
1102	1/30/2007 23:16	9.15	50.142	32.58	9.32	8.09	4.6	2.75
1103	1/30/2007 23:31	9.13	50.059	32.52	9.29	8.09	3.9	2.78

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
1104	1/30/2007 23:46	9.04	49.931	32.42	9.25	8.09	4.4	2.79
1105	1/31/2007 00:01	9.13	50.105	32.55	9.26	8.09	4.2	2.77
1106	1/31/2007 00:16	9.14	50.09	32.54	9.25	8.09	3.9	2.75
1107	1/31/2007 00:31	8.89	49.785	32.31	9.32	8.08	4.4	2.70
1108	1/31/2007 00:46	8.68	49.374	31.99	9.32	8.09	4.2	2.64
1109	1/31/2007 01:01	8.84	49.584	32.16	9.33	8.09	4.3	2.58
1110	1/31/2007 01:16	8.82	49.571	32.15	9.32	8.08	4.2	2.49
1111	1/31/2007 01:31	8.78	49.52	32.1	9.28	8.08	3.9	2.43
1112	1/31/2007 01:46	8.82	49.608	32.17	9.27	8.08	3.9	2.36
1113	1/31/2007 02:01	8.82	49.638	32.19	9.26	8.08	3.8	2.30
1114	1/31/2007 02:16	8.77	49.506	32.09	9.27	8.08	3.6	2.25
1115	1/31/2007 02:31	8.77	49.393	32.01	9.28	8.08	3.6	2.19
1116	1/31/2007 02:46	8.75	49.37	32	9.26	8.08	3.4	2.13
1117	1/31/2007 03:01	8.71	49.257	31.91	9.27	8.08	3.0	2.11
1118	1/31/2007 03:16	8.68	49.188	31.86	9.28	8.09	3.1	2.06
1119	1/31/2007 03:31	8.63	49.105	31.79	9.29	8.09	3.3	2.04
1120	1/31/2007 03:46	8.64	49.128	31.81	9.28	8.09	3.2	2.02
1121	1/31/2007 04:01	8.6	49.074	31.77	9.28	8.09	2.4	2.01
1122	1/31/2007 04:16	8.61	49.082	31.78	9.31	8.09	3.6	2.01
1123	1/31/2007 04:31	8.6	49.099	31.79	9.3	8.09	3.3	2.02
1124	1/31/2007 04:46	8.62	49.172	31.84	9.29	8.09	3.4	2.05
1125	1/31/2007 05:01	8.67	49.271	31.92	9.29	8.08	3.5	2.08
1126	1/31/2007 05:16	8.68	49.333	31.96	9.29	8.08	4.0	2.13
1127	1/31/2007 05:31	8.64	49.152	31.83	9.36	8.09	4.4	2.19
1128	1/31/2007 05:46	8.67	49.232	31.89	9.34	8.09	4.6	2.26
1129	1/31/2007 06:01	8.75	49.419	32.03	9.29	8.08	4.7	2.32
1130	1/31/2007 06:16	8.81	49.534	32.12	9.29	8.08	4.7	2.38
1131	1/31/2007 06:31	8.91	49.741	32.28	9.28	8.08	4.9	2.47
1132	1/31/2007 06:46	8.96	49.864	32.37	9.3	8.09	5.0	2.54
1133	1/31/2007 07:01	9.03	49.973	32.45	9.3	8.09	4.8	2.62
1134	1/31/2007 07:16	9.06	50.022	32.49	9.3	8.1	4.9	2.71
1135	1/31/2007 07:31	9.08	50.062	32.52	9.29	8.09	4.9	2.79
1136	1/31/2007 07:46	9.17	50.213	32.64	9.25	8.09	5.2	2.87
1137	1/31/2007 08:01	9.25	50.306	32.71	9.22	8.1	4.9	2.96
1138	1/31/2007 08:16	9.31	50.395	32.78	9.19	8.1	5.4	3.04
1139	1/31/2007 08:31	9.38	50.506	32.86	9.16	8.1	5.7	3.12
1140	1/31/2007 08:46	9.42	50.526	32.88	9.14	8.11	5.6	3.20
1141	1/31/2007 09:01	9.45	50.583	32.92	9.15	8.11	4.9	3.27
1142	1/31/2007 09:16	9.46	50.585	32.93	9.15	8.11	3.8	3.34
1143	1/31/2007 09:31	9.48	50.578	32.92	9.14	8.11	3.6	3.39
1144	1/31/2007 09:46	9.47	50.575	32.92	9.13	8.11	3.0	3.43
1145	1/31/2007 10:01	9.45	50.535	32.89	9.12	8.11	2.7	3.46
1146	1/31/2007 10:16	9.26	50.307	32.71	9.12	8.1	3.4	3.47
1147	1/31/2007 10:31	9.37	50.485	32.85	9.03	8.1	3.3	3.45
1148	1/31/2007 10:46	9.34	50.407	32.79	9.12	8.1	3.2	3.43
1149	1/31/2007 11:01	9.39	50.463	32.83	9.12	8.1	4.3	3.36
1150	1/31/2007 11:16	9.35	50.366	32.76	9.23	8.1	3.7	3.27
1151	1/31/2007 11:31	9.24	50.15	32.6	9.4	8.1	3.8	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
1152	1/31/2007 11:46	9.24	50.097	32.56	9.43	8.1	3.5	3.10
1153	1/31/2007 12:01	9.22	50.07	32.54	9.42	8.1	4.4	2.98
1154	1/31/2007 12:16	9.29	50.214	32.65	9.32	8.1	4.5	2.87
1155	1/31/2007 12:31	9.3	50.208	32.64	9.36	8.11	4.4	2.75
1156	1/31/2007 12:46	9.26	50.111	32.57	9.43	8.1	4.1	2.63
1157	1/31/2007 13:01	9.25	50.054	32.53	9.47	8.11	4.4	2.50
1158	1/31/2007 13:16	9.1	49.743	32.29	9.51	8.1	5.7	2.37
1159	1/31/2007 13:31	9.06	49.616	32.2	9.59	8.11	5.7	2.24
1160	1/31/2007 13:46	9.11	49.633	32.21	9.74	8.12	4.7	2.11
1161	1/31/2007 14:01	9.24	49.79	32.34	9.86	8.14	3.9	1.96
1162	1/31/2007 14:16	9.21	49.671	32.25	9.97	8.14	4.4	1.82
1163	1/31/2007 14:31	9.17	49.519	32.14	10.06	8.14	5.6	1.67
1164	1/31/2007 14:46	9.16	49.371	32.03	10.17	8.16	5.2	1.55
1165	1/31/2007 15:01	9.18	49.294	31.97	10.3	8.17	5.4	1.38
1166	1/31/2007 15:16	9.18	49.217	31.92	10.37	8.17	5.4	1.23
1167	1/31/2007 15:31	9.13	49.132	31.85	10.42	8.17	5.5	1.08
1168	1/31/2007 15:46	9.12	49.101	31.83	10.5	8.17	4.7	0.93
1169	1/31/2007 16:01	9.14	49.077	31.81	10.52	8.18	5.2	0.82
1170	1/31/2007 16:16	9.14	49.07	31.81	10.54	8.19	5.0	0.70
1171	1/31/2007 16:31	9.13	48.897	31.68	10.72	8.21	4.4	0.62
1172	1/31/2007 16:46	9.12	48.776	31.6	10.88	8.23	4.5	0.57
1173	1/31/2007 17:01	9.11	48.768	31.59	10.95	8.23	4.5	0.58
1174	1/31/2007 17:16	9.1	48.782	31.6	10.89	8.22	4.1	0.63
1175	1/31/2007 17:31	9.08	48.728	31.56	10.81	8.21	4.1	0.70
1176	1/31/2007 17:46	9.02	48.759	31.58	10.7	8.21	4.2	0.75
1177	1/31/2007 18:01	9.01	48.765	31.58	10.66	8.2	4.1	0.84
1178	1/31/2007 18:16	9	48.436	31.34	10.52	8.19	4.9	0.91
1179	1/31/2007 18:31	8.99	48.207	31.18	10.41	8.19	5.3	0.98
1180	1/31/2007 18:46	8.97	47.576	30.72	10.37	8.19	5.4	1.04
1181	1/31/2007 19:01	9	48.213	31.18	10.37	8.18	5.7	1.13
1182	1/31/2007 19:16	9.01	48.409	31.33	10.32	8.18	5.4	1.22
1183	1/31/2007 19:31	9.01	48.535	31.42	10.27	8.18	5.4	1.29
1184	1/31/2007 19:46	8.99	48.491	31.38	10.19	8.17	5.1	1.38
1185	1/31/2007 20:01	9	48.66	31.5	10.13	8.16	5.2	1.49
1186	1/31/2007 20:16	9.02	49.031	31.77	9.92	8.14	5.5	1.58
1187	1/31/2007 20:31	9.01	49.136	31.85	9.83	8.13	6.0	1.69
1188	1/31/2007 20:46	8.99	49.204	31.89	9.78	8.13	5.6	1.80
1189	1/31/2007 21:01	8.98	49.212	31.9	9.79	8.12	6.3	1.90
1190	1/31/2007 21:16	8.98	49.282	31.95	9.74	8.12	6.5	2.01
1191	1/31/2007 21:31	9.01	49.353	32	9.66	8.12	6.9	2.10
1192	1/31/2007 21:46	9.03	49.429	32.06	9.61	8.11	7.1	2.20
1193	1/31/2007 22:01	9.07	49.485	32.1	9.56	8.11	7.1	2.28
1194	1/31/2007 22:16	9.13	49.595	32.19	9.5	8.11	8.5	2.36
1195	1/31/2007 22:31	9.17	49.69	32.26	9.5	8.1	8.3	2.44
1196	1/31/2007 22:46	9.22	49.776	32.32	9.5	8.1	8.5	2.52
1197	1/31/2007 23:01	9.29	49.909	32.42	9.49	8.11	8.3	2.59
1198	1/31/2007 23:16	9.34	50.005	32.5	9.49	8.12	7.6	2.65
1199	1/31/2007 23:31	9.37	50.041	32.53	9.47	8.12	7.0	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
1200	1/31/2007 23:46	9.39	50.076	32.55	9.46	8.12	6.0	2.76
1201	2/1/2007 00:01	9.39	50.071	32.55	9.43	8.12	5.0	2.79
1202	2/1/2007 00:16	9.41	50.106	32.58	9.41	8.12	4.2	2.82
1203	2/1/2007 00:31	9.31	49.951	32.46	9.35	8.11	4.9	2.81
1204	2/1/2007 00:46	9.37	50.034	32.52	9.36	8.12	4.6	2.80
1205	2/1/2007 01:01	9.38	50.053	32.54	9.37	8.12	4.3	2.76
1206	2/1/2007 01:16	9	49.435	32.06	9.42	8.1	5.2	2.68
1207	2/1/2007 01:31	9.04	49.514	32.12	9.41	8.1	4.3	2.63
1208	2/1/2007 01:46	9.17	49.727	32.28	9.38	8.1	4.5	2.56
1209	2/1/2007 02:01	9.1	49.653	32.23	9.34	8.09	3.8	2.47
1210	2/1/2007 02:16	9.13	49.711	32.27	9.37	8.1	3.9	2.39
1211	2/1/2007 02:31	9.17	49.762	32.31	9.37	8.1	3.6	2.34
1212	2/1/2007 02:46	9.1	49.607	32.19	9.39	8.1	3.8	2.27
1213	2/1/2007 03:01	9.06	49.515	32.12	9.37	8.1	3.8	2.19
1214	2/1/2007 03:16	9.02	49.352	32	9.38	8.1	3.9	2.13
1215	2/1/2007 03:31	9	49.355	32	9.35	8.1	3.7	2.08
1216	2/1/2007 03:46	8.95	49.276	31.94	9.33	8.1	3.2	2.04
1217	2/1/2007 04:01	8.92	49.215	31.9	9.38	8.1	3.4	1.99
1218	2/1/2007 04:16	8.91	49.15	31.85	9.38	8.1	3.2	1.94
1219	2/1/2007 04:31	8.9	49.099	31.81	9.38	8.1	3.0	1.92
1220	2/1/2007 04:46	8.89	49.084	31.8	9.37	8.1	3.6	1.91
1221	2/1/2007 05:01	8.88	49.097	31.81	9.29	8.1	2.9	1.90
1222	2/1/2007 05:16	8.9	49.144	31.84	9.39	8.1	3.2	1.90
1223	2/1/2007 05:31	8.9	49.175	31.87	9.38	8.1	3.2	1.93
1224	2/1/2007 05:46	8.93	49.249	31.92	9.36	8.1	3.6	1.98
1225	2/1/2007 06:01	8.93	49.311	31.97	9.38	8.09	3.7	2.03
1226	2/1/2007 06:16	8.92	49.058	31.78	9.44	8.11	5.2	2.09
1227	2/1/2007 06:31	8.93	49.126	31.83	9.42	8.1	4.7	2.16
1228	2/1/2007 06:46	9.01	49.395	32.03	9.37	8.09	4.9	2.23
1229	2/1/2007 07:01	9.08	49.556	32.15	9.35	8.09	5.2	2.31
1230	2/1/2007 07:16	9.16	49.686	32.25	9.38	8.11	5.0	2.39
1231	2/1/2007 07:31	9.23	49.815	32.35	9.41	8.11	5.4	2.47
1232	2/1/2007 07:46	9.28	49.879	32.4	9.41	8.11	4.8	2.55
1233	2/1/2007 08:01	9.32	49.917	32.43	9.41	8.12	4.9	2.63
1234	2/1/2007 08:16	9.38	49.977	32.48	9.39	8.13	5.8	2.72
1235	2/1/2007 08:31	9.45	50.093	32.57	9.36	8.13	5.1	2.81
1236	2/1/2007 08:46	9.52	50.155	32.62	9.35	8.13	5.8	2.90
1237	2/1/2007 09:01	9.59	50.23	32.68	9.33	8.13	6.2	2.98
1238	2/1/2007 09:16	9.63	50.265	32.71	9.32	8.14	7.0	3.07
1239	2/1/2007 09:31	9.67	50.331	32.76	9.33	8.14	5.7	3.16
1240	2/1/2007 09:46	9.69	50.349	32.77	9.33	8.14	5.0	3.24
1241	2/1/2007 10:01	9.71	50.363	32.78	9.33	8.14	4.4	3.31
1242	2/1/2007 10:16	9.72	50.36	32.78	9.33	8.15	3.6	3.37
1243	2/1/2007 10:31	9.73	50.358	32.78	9.33	8.15	3.6	3.41
1244	2/1/2007 10:46	9.68	50.349	32.77	9.31	8.14	4.3	3.44
1245	2/1/2007 11:01	9.49	50.122	32.59	9.24	8.13	3.5	3.47
1246	2/1/2007 11:16	9.56	50.174	32.64	9.17	8.13	2.9	3.45
1247	2/1/2007 11:31	9.69	50.309	32.74	9.26	8.14	3.2	3.42

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
1248	2/1/2007 11:46	9.58	50.169	32.63	9.41	8.14	3.9	3.37
1249	2/1/2007 12:01	9.61	50.224	32.68	9.31	8.14	3.3	3.30
1250	2/1/2007 12:16	9.47	50.046	32.54	9.47	8.13	3.7	3.22
1251	2/1/2007 12:31	9.43	49.972	32.48	9.5	8.13	3.6	3.10
1252	2/1/2007 12:46	9.44	49.984	32.49	9.44	8.13	4.1	2.98
1253	2/1/2007 13:01	9.59	50.138	32.61	9.37	8.14	6.6	2.88
1254	2/1/2007 13:16	9.62	50.17	32.64	9.4	8.14	5.1	2.76
1255	2/1/2007 13:31	9.6	50.089	32.58	9.46	8.14	4.8	2.61
1256	2/1/2007 13:46	9.55	50.013	32.52	9.58	8.14	4.5	2.50
1257	2/1/2007 14:01	9.42	49.798	32.36	9.65	8.13	4.6	2.38
1258	2/1/2007 14:16	9.52	49.825	32.38	9.92	8.16	3.9	2.22
1259	2/1/2007 14:31	9.42	49.713	32.29	9.74	8.14	5.6	2.10
1260	2/1/2007 14:46	9.53	49.781	32.35	10.06	8.17	3.8	1.95
1261	2/1/2007 15:01	9.5	49.683	32.28	10.06	8.17	4.7	1.81
1262	2/1/2007 15:16	9.45	49.624	32.23	10.02	8.17	6.0	1.67
1263	2/1/2007 15:31	9.46	49.557	32.18	10.17	8.18	5.7	1.51
1264	2/1/2007 15:46	9.28	49.288	31.98	10.19	8.17	5.7	1.35
1265	2/1/2007 16:01	9.29	49.32	32	10.22	8.17	5.0	1.21
1266	2/1/2007 16:16	9.22	49.163	31.88	10.18	8.17	5.2	1.05
1267	2/1/2007 16:31	9.18	49.158	31.88	10.14	8.16	4.6	0.92
1268	2/1/2007 16:46	9.18	49.166	31.88	10.16	8.16	4.4	0.79
1269	2/1/2007 17:01	9.16	49.064	31.81	10.24	8.16	4.8	0.68
1270	2/1/2007 17:16	9.16	48.996	31.76	10.3	8.17	4.6	0.61
1271	2/1/2007 17:31	9.14	48.889	31.68	10.4	8.19	3.9	0.56
1272	2/1/2007 17:46	9.15	48.898	31.69	10.41	8.19	4.3	0.57
1273	2/1/2007 18:01	9.13	48.829	31.64	10.49	8.2	4.1	0.63
1274	2/1/2007 18:16	9.12	48.82	31.63	10.49	8.19	4.1	0.70
1275	2/1/2007 18:31	9.11	48.824	31.63	10.41	8.19	4.4	0.76
1276	2/1/2007 18:46	9.09	48.822	31.63	10.38	8.19	4.1	0.86
1277	2/1/2007 19:01	9.1	48.165	31.16	10.23	8.18	5.4	0.94
1278	2/1/2007 19:16	9.12	48.532	31.42	10.22	8.17	5.0	1.02
1279	2/1/2007 19:31	9.13	48.431	31.35	10.17	8.17	5.4	1.11
1280	2/1/2007 19:46	9.13	48.239	31.21	10.12	8.17	5.5	1.18
1281	2/1/2007 20:01	9.14	48.385	31.32	10.09	8.16	5.6	1.27
1282	2/1/2007 20:16	9.16	48.649	31.51	10.09	8.16	5.5	1.37
1283	2/1/2007 20:31	9.16	48.736	31.57	10.08	8.17	5.1	1.46
1284	2/1/2007 20:46	9.19	48.984	31.75	9.98	8.15	5.4	1.57
1285	2/1/2007 21:01	9.19	49.222	31.92	9.82	8.13	6.1	1.69
1286	2/1/2007 21:16	9.19	49.27	31.96	9.79	8.14	5.8	1.79
1287	2/1/2007 21:31	9.18	49.288	31.97	9.79	8.13	6.9	1.91
1288	2/1/2007 21:46	9.19	49.338	32.01	9.75	8.13	6.8	2.01
1289	2/1/2007 22:01	9.23	49.447	32.09	9.67	8.12	7.1	2.12
1290	2/1/2007 22:16	9.25	49.466	32.1	9.64	8.13	7.1	2.21
1291	2/1/2007 22:31	9.28	49.472	32.11	9.59	8.13	8.5	2.31
1292	2/1/2007 22:46	9.33	49.607	32.21	9.54	8.12	8.8	2.38
1293	2/1/2007 23:01	9.39	49.741	32.31	9.52	8.12	8.9	2.47
1294	2/1/2007 23:16	9.44	49.857	32.4	9.52	8.13	9.2	2.54
1295	2/1/2007 23:31	9.47	49.934	32.46	9.53	8.13	9.3	2.63

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
1296	2/1/2007 23:46	9.49	49.985	32.49	9.53	8.14	7.8	2.70
1297	2/2/2007 00:01	9.51	50.014	32.52	9.53	8.14	7.1	2.77
1298	2/2/2007 00:16	9.53	50.044	32.54	9.52	8.13	6.7	2.81
1299	2/2/2007 00:31	9.53	50.064	32.55	9.49	8.14	6.0	2.86
1300	2/2/2007 00:46	9.51	49.941	32.46	9.44	8.14	4.7	2.89
1301	2/2/2007 01:01	9.41	49.84	32.38	9.41	8.12	4.1	2.89
1302	2/2/2007 01:16	9.49	49.979	32.49	9.42	8.13	5.4	2.87
1303	2/2/2007 01:31	9.49	49.99	32.5	9.42	8.13	5.7	2.83
1304	2/2/2007 01:46	9.44	49.937	32.46	9.4	8.13	4.7	2.78
1305	2/2/2007 02:01	9.14	49.545	32.15	9.45	8.11	4.9	2.72
1306	2/2/2007 02:16	9.22	49.619	32.21	9.43	8.11	4.7	2.65
1307	2/2/2007 02:31	9.27	49.697	32.27	9.41	8.12	4.7	2.56
1308	2/2/2007 02:46	9.3	49.778	32.33	9.4	8.12	4.5	2.48
1309	2/2/2007 03:01	9.3	49.779	32.33	9.4	8.12	3.7	2.38
1310	2/2/2007 03:16	9.22	49.53	32.15	9.39	8.12	5.0	2.31
1311	2/2/2007 03:31	9.13	49.411	32.05	9.35	8.11	3.9	2.22
1312	2/2/2007 03:46	9.14	49.408	32.05	9.34	8.11	4.2	2.17
1313	2/2/2007 04:01	9.1	49.359	32.01	9.33	8.1	3.9	2.10
1314	2/2/2007 04:16	9.12	49.422	32.06	9.36	8.11	3.8	2.03
1315	2/2/2007 04:31	9.09	49.35	32.01	9.39	8.11	3.5	1.97
1316	2/2/2007 04:46	9.07	49.258	31.94	9.43	8.12	3.6	1.92
1317	2/2/2007 05:01	9.03	49.189	31.89	9.42	8.11	3.3	1.88
1318	2/2/2007 05:16	9	49.088	31.81	9.4	8.11	3.5	1.84
1319	2/2/2007 05:31	8.98	49.06	31.79	9.4	8.11	3.3	1.83
1320	2/2/2007 05:46	8.98	49.019	31.76	9.39	8.11	2.9	1.83
1321	2/2/2007 06:01	8.97	49.039	31.77	9.46	8.12	3.3	1.84
1322	2/2/2007 06:16	8.98	49.078	31.8	9.46	8.12	3.4	1.87
1323	2/2/2007 06:31	9.01	49.17	31.87	9.43	8.11	3.9	1.91
1324	2/2/2007 06:46	9.04	49.23	31.92	9.45	8.11	3.8	1.96
1325	2/2/2007 07:01	8.98	48.956	31.72	9.47	8.12	6.5	2.04
1326	2/2/2007 07:16	9.02	49.122	31.84	9.46	8.11	5.2	2.10
1327	2/2/2007 07:31	9.1	49.347	32.01	9.38	8.11	4.9	2.18
1328	2/2/2007 07:46	9.16	49.476	32.1	9.37	8.11	4.9	2.25
1329	2/2/2007 08:01	9.22	49.585	32.19	9.39	8.12	6.4	2.33
1330	2/2/2007 08:16	9.29	49.718	32.29	9.44	8.12	5.0	2.41
1331	2/2/2007 08:31	9.32	49.771	32.33	9.45	8.12	5.0	2.49
1332	2/2/2007 08:46	9.33	49.802	32.35	9.47	8.13	5.5	2.58
1333	2/2/2007 09:01	9.36	49.867	32.4	9.47	8.13	6.1	2.66
1334	2/2/2007 09:16	9.4	49.964	32.47	9.47	8.13	6.9	2.75
1335	2/2/2007 09:31	9.43	50.025	32.52	9.48	8.13	7.0	2.85
1336	2/2/2007 09:46	9.45	50.089	32.57	9.48	8.13	8.1	2.93
1337	2/2/2007 10:01	9.47	50.208	32.65	9.49	8.13	8.6	3.02
1338	2/2/2007 10:16	9.48	50.287	32.71	9.49	8.13	8.6	3.10
1339	2/2/2007 10:31	9.49	50.329	32.74	9.49	8.13	7.4	3.18
1340	2/2/2007 10:46	9.5	50.378	32.78	9.48	8.12	7.4	3.24
1341	2/2/2007 11:01	9.51	50.379	32.78	9.48	8.12	6.3	3.30
1342	2/2/2007 11:16	9.52	50.417	32.81	9.46	8.12	5.7	3.35
Mean		8.66	48.96	31.70	9.52	8.09	7.4	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
	Standard Dev.	0.41	1.11	0.82	0.54	0.05	5.1	0.72

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

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	2/2/2007 11:31	9.51	50.121	32.6	9.29	7.92		2.88
1	2/2/2007 11:46	9.46	49.933	32.45	9.48	7.96	4.1	3.50
2	2/2/2007 12:01	9.5	50.239	32.68	9.23	7.95	4.4	3.48
3	2/2/2007 12:16	9.52	50.277	32.71	9.21	7.96	4.6	3.46
4	2/2/2007 12:31	9.55	50.358	32.77	9.23	7.96	5.1	3.41
5	2/2/2007 12:46	9.54	50.332	32.75	9.23	7.97	5.0	3.34
6	2/2/2007 13:01	9.61	49.934	32.47	9.54	7.99	4.1	3.26
7	2/2/2007 13:16	9.57	49.926	32.46	9.63	8	4.4	3.15
8	2/2/2007 13:31	9.56	50.021	32.53	9.49	7.99	5.5	3.03
9	2/2/2007 13:46	9.57	50.033	32.53	9.45	7.99	5.5	2.92
10	2/2/2007 14:01	9.56	49.98	32.5	9.57	8	5.0	2.79
11	2/2/2007 14:16	9.57	50.015	32.52	9.5	8	4.9	2.67
12	2/2/2007 14:31	9.56	49.937	32.47	9.58	8.01	4.9	2.54
13	2/2/2007 14:46	9.53	49.799	32.36	9.66	8	6.2	2.41
14	2/2/2007 15:01	9.55	49.895	32.43	9.75	8.02	4.3	2.28
15	2/2/2007 15:16	9.57	49.924	32.46	9.85	8.03	3.7	2.13
16	2/2/2007 15:31	9.47	49.739	32.32	9.71	8.01	5.5	1.99
17	2/2/2007 15:46	9.48	49.721	32.3	9.74	8.02	5.4	1.84
18	2/2/2007 16:01	9.41	49.54	32.17	9.76	8.02	6.4	1.69
19	2/2/2007 16:16	9.39	49.475	32.12	9.83	8.02	6.3	1.54
20	2/2/2007 16:31	9.4	49.499	32.14	9.82	8.02	5.4	1.39
21	2/2/2007 16:46	9.37	49.438	32.09	9.8	8.02	5.5	1.25
22	2/2/2007 17:01	9.34	49.377	32.05	9.81	8.02	5.3	1.11
23	2/2/2007 17:16	9.35	49.412	32.07	9.8	8.02	5.2	0.98
24	2/2/2007 17:31	9.32	49.297	31.99	9.83	8.02	5.3	0.88
25	2/2/2007 17:46	9.31	49.281	31.97	9.82	8.02	5.4	0.79
26	2/2/2007 18:01	9.25	49.085	31.83	9.93	8.04	5.2	0.75
27	2/2/2007 18:16	9.24	49.108	31.84	9.92	8.04	4.9	0.75
28	2/2/2007 18:31	9.21	49.003	31.77	10.01	8.05	4.4	0.79
29	2/2/2007 18:46	9.23	49.089	31.83	9.96	8.04	4.8	0.87
30	2/2/2007 19:01	9.21	49.055	31.8	9.96	8.04	5.0	0.94
31	2/2/2007 19:16	9.21	49.052	31.8	9.95	8.04	5.0	1.01
32	2/2/2007 19:31	9.21	48.717	31.56	9.86	8.03	5.7	1.09
33	2/2/2007 19:46	9.22	48.795	31.62	9.83	8.03	5.6	1.18
34	2/2/2007 20:01	9.24	48.906	31.7	9.8	8.02	5.8	1.24
35	2/2/2007 20:16	9.24	48.747	31.58	9.76	8.02	5.7	1.33
36	2/2/2007 20:31	9.24	48.723	31.57	9.72	8.02	6.1	1.41
37	2/2/2007 20:46	9.25	48.812	31.63	9.74	8.02	5.6	1.51
38	2/2/2007 21:01	9.26	48.966	31.74	9.75	8.02	5.6	1.60
39	2/2/2007 21:16	9.27	49.075	31.82	9.73	8.02	5.9	1.70
40	2/2/2007 21:31	9.34	49.435	32.09	9.61	8.01	6.3	1.81
41	2/2/2007 21:46	9.37	49.552	32.17	9.57	8	6.1	1.92
42	2/2/2007 22:01	9.37	49.575	32.19	9.58	8	6.8	2.04
43	2/2/2007 22:16	9.37	49.607	32.21	9.58	8	7.1	2.13
44	2/2/2007 22:31	9.39	49.693	32.28	9.52	8	6.7	2.24
45	2/2/2007 22:46	9.41	49.75	32.32	9.49	8	7.5	2.34
46	2/2/2007 23:01	9.42	49.769	32.33	9.47	7.99	7.8	2.43
47	2/2/2007 23:16	9.46	49.841	32.39	9.44	7.99	8.6	2.51

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	2/2/2007 23:31	9.5	49.967	32.48	9.4	7.99	9.7	2.60
49	2/2/2007 23:46	9.53	50.098	32.58	9.4	7.99	9.9	2.69
50	2/3/2007 00:01	9.55	50.187	32.65	9.42	7.99	9.2	2.76
51	2/3/2007 00:16	9.56	50.238	32.68	9.41	7.99	9.4	2.83
52	2/3/2007 00:31	9.57	50.286	32.72	9.38	7.99	8.4	2.91
53	2/3/2007 00:46	9.57	50.316	32.74	9.37	7.99	8.1	2.96
54	2/3/2007 01:01	9.57	50.35	32.76	9.36	7.99	7.9	3.01
55	2/3/2007 01:16	9.56	50.333	32.75	9.34	7.99	7.2	3.04
56	2/3/2007 01:31	9.53	50.221	32.67	9.28	7.98	5.2	3.05
57	2/3/2007 01:46	9.55	50.295	32.72	9.28	7.99	5.3	3.04
58	2/3/2007 02:01	9.56	50.357	32.77	9.29	7.98	5.5	3.01
59	2/3/2007 02:16	9.34	50.022	32.51	9.27	7.98	5.9	2.94
60	2/3/2007 02:31	9.3	49.868	32.4	9.3	7.98	5.4	2.87
61	2/3/2007 02:46	9.34	49.921	32.44	9.25	7.98	5.1	2.81
62	2/3/2007 03:01	9.38	50.064	32.54	9.24	7.98	4.2	2.70
63	2/3/2007 03:16	9.42	50.216	32.66	9.25	7.98	5.3	2.61
64	2/3/2007 03:31	9.39	50.108	32.58	9.25	7.98	4.2	2.53
65	2/3/2007 03:46	9.3	49.905	32.42	9.19	7.97	4.1	2.44
66	2/3/2007 04:01	9.29	49.789	32.34	9.2	7.97	4.5	2.36
67	2/3/2007 04:16	9.21	49.7	32.27	9.15	7.97	4.2	2.27
68	2/3/2007 04:31	9.19	49.719	32.28	9.14	7.97	5.1	2.20
69	2/3/2007 04:46	9.18	49.779	32.32	9.14	7.97	4.3	2.12
70	2/3/2007 05:01	9.13	49.73	32.28	9.17	7.97	3.9	2.06
71	2/3/2007 05:16	9.11	49.619	32.2	9.18	7.97	4.0	1.99
72	2/3/2007 05:31	9.09	49.554	32.15	9.21	7.98	3.7	1.93
73	2/3/2007 05:46	9.03	49.485	32.1	9.19	7.98	3.4	1.90
74	2/3/2007 06:01	9	49.383	32.02	9.18	7.98	3.4	1.86
75	2/3/2007 06:16	8.98	49.299	31.96	9.18	7.98	3.0	1.85
76	2/3/2007 06:31	8.96	49.286	31.95	9.18	7.98	3.0	1.85
77	2/3/2007 06:46	8.97	49.339	31.99	9.19	7.98	3.3	1.87
78	2/3/2007 07:01	9.01	49.425	32.05	9.18	7.98	3.4	1.91
79	2/3/2007 07:16	9.06	49.469	32.09	9.23	7.98	3.6	1.96
80	2/3/2007 07:31	9.04	49.44	32.07	9.23	7.98	4.1	2.03
81	2/3/2007 07:46	8.96	49.185	31.88	9.22	7.98	5.3	2.10
82	2/3/2007 08:01	9.13	49.553	32.16	9.2	7.97	5.0	2.17
83	2/3/2007 08:16	9.17	49.668	32.24	9.18	7.97	4.9	2.25
84	2/3/2007 08:31	9.21	49.727	32.29	9.18	7.97	5.0	2.33
85	2/3/2007 08:46	9.3	49.939	32.45	9.22	7.98	5.2	2.41
86	2/3/2007 09:01	9.35	50.021	32.51	9.27	7.98	5.1	2.48
87	2/3/2007 09:16	9.38	50.058	32.54	9.29	7.98	4.9	2.57
88	2/3/2007 09:31	9.39	50.065	32.55	9.3	7.98	5.3	2.64
89	2/3/2007 09:46	9.41	50.137	32.6	9.3	7.98	6.3	2.73
90	2/3/2007 10:01	9.45	50.22	32.66	9.28	7.98	5.9	2.81
91	2/3/2007 10:16	9.48	50.267	32.7	9.27	7.98	6.7	2.89
92	2/3/2007 10:31	9.51	50.347	32.76	9.25	7.98	7.2	2.99
93	2/3/2007 10:46	9.56	50.487	32.86	9.18	7.98	7.6	3.06
94	2/3/2007 11:01	9.6	50.622	32.96	9.13	7.98	7.6	3.14
95	2/3/2007 11:16	9.63	50.705	33.03	9.09	7.98	8.1	3.22

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	2/3/2007 11:31	9.65	50.763	33.07	9.04	7.98	6.7	3.29
97	2/3/2007 11:46	9.67	50.812	33.11	9	7.98	5.7	3.33
98	2/3/2007 12:01	9.68	50.8	33.1	8.97	7.98	5.0	3.37
99	2/3/2007 12:16	9.7	50.815	33.11	8.96	7.98	4.5	3.41
100	2/3/2007 12:31	9.62	50.494	32.87	9.21	7.99	4.0	3.41
101	2/3/2007 12:46	9.67	50.739	33.05	8.96	7.98	4.1	3.40
102	2/3/2007 13:01	9.7	50.835	33.13	8.93	7.98	4.7	3.37
103	2/3/2007 13:16	9.69	50.812	33.11	8.96	7.98	5.0	3.30
104	2/3/2007 13:31	9.84	50.145	32.64	9.72	8.01	4.0	3.22
105	2/3/2007 13:46	9.83	50.105	32.61	9.82	8.02	4.1	3.13
106	2/3/2007 14:01	9.78	50.197	32.67	9.79	8.02	4.3	3.02
107	2/3/2007 14:16	9.79	50.214	32.68	9.8	8.02	4.9	2.92
108	2/3/2007 14:31	9.79	50.159	32.64	9.93	8.03	4.4	2.81
109	2/3/2007 14:46	9.79	50.156	32.64	9.91	8.03	5.2	2.69
110	2/3/2007 15:01	9.79	50.122	32.61	9.91	8.03	4.6	2.57
111	2/3/2007 15:16	9.8	49.994	32.52	10.24	8.05	4.6	2.45
112	2/3/2007 15:31	9.81	49.969	32.51	10.08	8.04	5.2	2.33
113	2/3/2007 15:46	9.9	50.066	32.58	10.22	8.06	5.5	2.20
114	2/3/2007 16:01	9.82	49.951	32.49	10.18	8.05	5.0	2.07
115	2/3/2007 16:16	9.84	49.943	32.49	10.2	8.05	4.8	1.92
116	2/3/2007 16:31	9.8	49.816	32.4	10.28	8.06	5.6	1.78
117	2/3/2007 16:46	9.8	49.757	32.35	10.33	8.06	5.5	1.64
118	2/3/2007 17:01	9.73	49.626	32.25	10.39	8.06	4.9	1.50
119	2/3/2007 17:16	9.75	49.635	32.26	10.44	8.07	5.8	1.34
120	2/3/2007 17:31	9.73	49.597	32.23	10.34	8.06	5.5	1.21
121	2/3/2007 17:46	9.7	49.593	32.23	10.33	8.06	4.6	1.09
122	2/3/2007 18:01	9.69	49.563	32.2	10.31	8.06	4.6	1.00
123	2/3/2007 18:16	9.66	49.493	32.15	10.34	8.06	5.0	0.91
124	2/3/2007 18:31	9.64	49.363	32.06	10.44	8.07	4.1	0.85
125	2/3/2007 18:46	9.59	49.308	32.01	10.52	8.08	4.2	0.88
126	2/3/2007 19:01	9.59	49.223	31.95	10.63	8.09	4.2	0.90
127	2/3/2007 19:16	9.59	49.268	31.98	10.58	8.08	3.9	0.94
128	2/3/2007 19:31	9.57	49.239	31.96	10.6	8.08	4.3	1.03
129	2/3/2007 19:46	9.55	49.239	31.96	10.59	8.08	4.2	1.10
130	2/3/2007 20:01	9.56	48.829	31.67	10.36	8.05	5.2	1.17
131	2/3/2007 20:16	9.58	48.939	31.75	10.34	8.06	4.9	1.25
132	2/3/2007 20:31	9.57	48.75	31.61	10.28	8.05	4.9	1.32
133	2/3/2007 20:46	9.6	48.813	31.66	10.24	8.05	5.2	1.41
134	2/3/2007 21:01	9.61	48.897	31.72	10.23	8.05	4.8	1.49
135	2/3/2007 21:16	9.63	49.072	31.85	10.25	8.05	4.7	1.59
136	2/3/2007 21:31	9.64	49.228	31.96	10.27	8.05	4.9	1.68
137	2/3/2007 21:46	9.66	49.377	32.07	10.18	8.05	5.3	1.78
138	2/3/2007 22:01	9.65	49.579	32.21	9.93	8.03	5.3	1.88
139	2/3/2007 22:16	9.67	49.646	32.26	9.87	8.02	5.4	1.99
140	2/3/2007 22:31	9.67	49.671	32.28	9.87	8.02	5.8	2.10
141	2/3/2007 22:46	9.67	49.715	32.31	9.85	8.02	6.3	2.19
142	2/3/2007 23:01	9.67	49.795	32.37	9.78	8.02	6.5	2.29
143	2/3/2007 23:16	9.68	49.83	32.4	9.74	8.01	7.0	2.39

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	2/3/2007 23:31	9.68	49.862	32.42	9.71	8.01	7.0	2.47
145	2/3/2007 23:46	9.71	49.944	32.48	9.6	8.01	8.7	2.57
146	2/4/2007 00:01	9.71	50.041	32.55	9.53	8	9.4	2.65
147	2/4/2007 00:16	9.73	50.175	32.65	9.49	8	8.8	2.74
148	2/4/2007 00:31	9.75	50.289	32.73	9.45	8	9.1	2.81
149	2/4/2007 00:46	9.75	50.352	32.78	9.4	8	10.0	2.88
150	2/4/2007 01:01	9.75	50.397	32.81	9.37	8	7.7	2.95
151	2/4/2007 01:16	9.76	50.422	32.83	9.33	8	7.1	3.02
152	2/4/2007 01:31	9.75	50.426	32.83	9.33	8	6.0	3.05
153	2/4/2007 01:46	9.7	50.357	32.78	9.33	8	5.3	3.10
154	2/4/2007 02:01	9.63	50.205	32.66	9.34	8	5.0	3.10
155	2/4/2007 02:16	9.74	50.4	32.81	9.25	7.99	5.0	3.09
156	2/4/2007 02:31	9.7	50.339	32.77	9.26	8	5.1	3.05
157	2/4/2007 02:46	9.65	50.295	32.73	9.28	7.99	5.3	2.99
158	2/4/2007 03:01	9.36	49.907	32.43	9.48	8	4.9	2.91
159	2/4/2007 03:16	9.55	50.04	32.54	9.41	8	5.6	2.83
160	2/4/2007 03:31	9.5	50.067	32.55	9.39	7.99	4.7	2.73
161	2/4/2007 03:46	9.56	50.239	32.68	9.35	7.99	4.3	2.64
162	2/4/2007 04:01	9.51	50.059	32.55	9.34	7.99	4.1	2.56
163	2/4/2007 04:16	9.42	49.892	32.42	9.36	7.99	4.0	2.47
164	2/4/2007 04:31	9.39	49.804	32.36	9.37	7.99	4.9	2.38
165	2/4/2007 04:46	9.38	49.765	32.33	9.39	7.99	5.8	2.30
166	2/4/2007 05:01	9.41	49.854	32.39	9.41	7.99	4.7	2.22
167	2/4/2007 05:16	9.34	49.79	32.34	9.42	7.99	3.8	2.15
168	2/4/2007 05:31	9.32	49.761	32.32	9.45	8	4.1	2.06
169	2/4/2007 05:46	9.23	49.703	32.27	9.42	7.99	3.6	1.99
170	2/4/2007 06:01	9.26	49.574	32.18	9.52	8	3.5	1.94
171	2/4/2007 06:16	9.21	49.539	32.15	9.51	8	3.4	1.88
172	2/4/2007 06:31	9.1	49.381	32.03	9.53	8.01	3.2	1.82
173	2/4/2007 06:46	9.04	49.323	31.98	9.51	8	3.1	1.80
174	2/4/2007 07:01	9	49.288	31.96	9.44	8	3.0	1.80
175	2/4/2007 07:16	8.98	49.277	31.95	9.51	8.01	3.0	1.81
176	2/4/2007 07:31	9.01	49.309	31.97	9.52	8.01	3.0	1.82
177	2/4/2007 07:46	9.07	49.398	32.04	9.5	8	3.0	1.86
178	2/4/2007 08:01	9.18	49.461	32.09	9.56	8.01	3.2	1.94
179	2/4/2007 08:16	9.08	49.341	32	9.54	8	4.5	1.99
180	2/4/2007 08:31	9.02	49.243	31.92	9.52	8	4.8	2.06
181	2/4/2007 08:46	9.22	49.545	32.16	9.49	8	4.3	2.14
182	2/4/2007 09:01	9.28	49.663	32.25	9.43	8	4.0	2.22
183	2/4/2007 09:16	9.33	49.758	32.32	9.41	7.99	4.1	2.29
184	2/4/2007 09:31	9.42	49.931	32.45	9.4	8	4.4	2.36
185	2/4/2007 09:46	9.51	50.031	32.53	9.43	8	4.6	2.44
186	2/4/2007 10:01	9.55	50.062	32.56	9.42	8	4.4	2.52
187	2/4/2007 10:16	9.57	50.063	32.56	9.44	8	4.5	2.59
188	2/4/2007 10:31	9.6	50.109	32.59	9.44	8	4.5	2.67
189	2/4/2007 10:46	9.64	50.196	32.66	9.4	8	5.2	2.75
190	2/4/2007 11:01	9.68	50.244	32.7	9.37	8	5.2	2.83
191	2/4/2007 11:16	9.7	50.271	32.72	9.36	8	5.5	2.90

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	2/4/2007 11:31	9.74	50.377	32.8	9.3	8	5.8	2.98
193	2/4/2007 11:46	9.79	50.477	32.87	9.25	8	6.4	3.05
194	2/4/2007 12:01	9.82	50.552	32.93	9.22	8	5.5	3.11
195	2/4/2007 12:16	9.84	50.604	32.97	9.19	8.01	5.9	3.18
196	2/4/2007 12:31	9.87	50.634	32.99	9.16	8	4.3	3.21
197	2/4/2007 12:46	9.89	50.657	33.01	9.15	7.99	4.1	3.25
198	2/4/2007 13:01	9.92	50.622	32.99	9.19	7.98	3.3	3.26
199	2/4/2007 13:16	9.88	50.554	32.93	9.22	7.97	4.4	3.26
200	2/4/2007 13:31	9.88	50.617	32.98	9.1	7.96	4.1	3.24
201	2/4/2007 13:46	9.89	50.626	32.99	9.09	7.96	4.1	3.20
202	2/4/2007 14:01	9.95	50.578	32.96	9.21	7.96	4.0	3.12
203	2/4/2007 14:16	10.07	50.264	32.74	9.66	7.98	4.3	3.05
204	2/4/2007 14:31	10.09	50.141	32.65	9.97	7.99	4.0	2.96
205	2/4/2007 14:46	10.12	50.238	32.72	9.88	7.99	4.2	2.84
206	2/4/2007 15:01	10.07	50.207	32.7	9.89	7.99	5.8	2.74
207	2/4/2007 15:16	10.02	50.104	32.62	10.04	8	5.3	2.64
208	2/4/2007 15:31	10.02	50.044	32.57	10.28	8.01	4.5	2.52
209	2/4/2007 15:46	10.03	49.944	32.5	10.65	8.04	4.3	2.42
210	2/4/2007 16:01	10.01	49.956	32.51	10.65	8.03	3.3	2.31
211	2/4/2007 16:16	9.99	49.898	32.47	10.55	8.02	4.5	2.19
212	2/4/2007 16:31	9.97	49.841	32.43	10.8	8.03	4.4	2.06
213	2/4/2007 16:46	9.99	49.83	32.42	10.59	8.03	4.5	1.94
214	2/4/2007 17:01	9.98	49.801	32.4	10.45	8.02	5.3	1.81
215	2/4/2007 17:16	9.95	49.704	32.32	10.48	8.02	5.9	1.69
216	2/4/2007 17:31	9.94	49.665	32.3	10.52	8.03	5.8	1.56
217	2/4/2007 17:46	9.94	49.634	32.27	10.54	8.03	5.0	1.44
218	2/4/2007 18:01	9.92	49.568	32.22	10.55	8.03	5.1	1.34
219	2/4/2007 18:16	9.92	49.551	32.21	10.55	8.03	5.0	1.23
220	2/4/2007 18:31	9.91	49.506	32.18	10.59	8.03	4.8	1.14
221	2/4/2007 18:46	9.91	49.482	32.16	10.58	8.03	4.5	1.07
222	2/4/2007 19:01	9.89	49.371	32.08	10.76	8.04	4.2	1.04
223	2/4/2007 19:16	9.86	49.337	32.05	10.78	8.05	4.1	1.02
224	2/4/2007 19:31	9.85	49.379	32.08	10.74	8.04	4.3	1.03
225	2/4/2007 19:46	9.84	49.34	32.05	10.81	8.05	3.9	1.06
226	2/4/2007 20:01	9.87	49.395	32.1	10.76	8.04	3.8	1.14
227	2/4/2007 20:16	9.84	49.347	32.06	10.84	8.05	3.9	1.20
228	2/4/2007 20:31	9.81	49.103	31.88	10.68	8.03	6.1	1.28
229	2/4/2007 20:46	9.79	48.838	31.69	10.52	8.02	5.1	1.36
230	2/4/2007 21:01	9.79	48.803	31.66	10.47	8.01	4.5	1.45
231	2/4/2007 21:16	9.81	48.938	31.76	10.48	8.01	4.9	1.54
232	2/4/2007 21:31	9.87	49.233	31.98	10.54	8.02	5.0	1.62
233	2/4/2007 21:46	9.88	49.319	32.04	10.53	8.02	4.5	1.70
234	2/4/2007 22:01	9.9	49.427	32.12	10.49	8.02	4.7	1.81
235	2/4/2007 22:16	9.91	49.658	32.29	10.16	8	5.0	1.90
236	2/4/2007 22:31	9.92	49.733	32.34	10.05	7.99	4.8	1.99
237	2/4/2007 22:46	9.93	49.774	32.37	10.04	7.99	4.5	2.08
238	2/4/2007 23:01	9.94	49.809	32.4	10.04	7.99	5.1	2.18
239	2/4/2007 23:16	9.94	49.88	32.45	9.98	7.99	5.6	2.28

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	2/4/2007 23:31	9.94	49.896	32.46	9.92	7.99	6.3	2.36
241	2/4/2007 23:46	9.95	49.929	32.49	9.9	7.99	6.0	2.45
242	2/5/2007 00:01	9.96	49.961	32.51	9.85	7.98	6.4	2.54
243	2/5/2007 00:16	9.97	50.058	32.58	9.7	7.98	8.3	2.62
244	2/5/2007 00:31	9.98	50.16	32.66	9.61	7.97	8.3	2.70
245	2/5/2007 00:46	9.99	50.291	32.75	9.53	7.97	7.1	2.78
246	2/5/2007 01:01	10	50.363	32.8	9.49	7.97	7.3	2.87
247	2/5/2007 01:16	10	50.428	32.85	9.43	7.97	6.4	2.94
248	2/5/2007 01:31	9.99	50.478	32.89	9.36	7.97	6.9	3.02
249	2/5/2007 01:46	10	50.509	32.91	9.32	7.97	5.4	3.06
250	2/5/2007 02:01	9.93	50.47	32.88	9.32	7.97	4.7	3.11
251	2/5/2007 02:16	9.86	50.263	32.72	9.37	7.97	4.1	3.13
252	2/5/2007 02:31	9.89	50.172	32.66	9.34	7.97	4.2	3.13
253	2/5/2007 02:46	9.98	50.503	32.9	9.28	7.97	4.5	3.11
254	2/5/2007 03:01	9.89	50.328	32.77	9.36	7.97	4.6	3.05
255	2/5/2007 03:16	9.73	50.081	32.58	9.52	7.97	4.4	2.99
256	2/5/2007 03:31	9.7	49.95	32.48	9.61	7.97	4.4	2.91
257	2/5/2007 03:46	9.84	50.134	32.63	9.51	7.97	4.7	2.82
258	2/5/2007 04:01	9.86	50.266	32.72	9.41	7.97	3.8	2.73
259	2/5/2007 04:16	9.84	50.219	32.69	9.42	7.97	3.8	2.65
260	2/5/2007 04:31	9.79	50.054	32.57	9.44	7.97	4.3	2.56
261	2/5/2007 04:46	9.8	50.031	32.55	9.46	7.97	4.2	2.47
262	2/5/2007 05:01	9.73	49.914	32.46	9.45	7.97	3.9	2.38
263	2/5/2007 05:16	9.75	49.913	32.46	9.47	7.97	3.9	2.32
264	2/5/2007 05:31	9.74	49.923	32.47	9.47	7.97	3.3	2.23
265	2/5/2007 05:46	9.7	49.869	32.43	9.53	7.97	3.3	2.16
266	2/5/2007 06:01	9.64	49.778	32.36	9.46	7.97	3.3	2.08
267	2/5/2007 06:16	9.59	49.72	32.31	9.51	7.96	3.3	2.00
268	2/5/2007 06:31	9.64	49.733	32.32	9.54	7.97	3.1	1.93
269	2/5/2007 06:46	9.61	49.643	32.26	9.64	7.98	3.6	1.88
270	2/5/2007 07:01	9.57	49.622	32.24	9.61	7.98	3.2	1.81
271	2/5/2007 07:16	9.55	49.589	32.21	9.64	7.98	3.0	1.78
272	2/5/2007 07:31	9.57	49.556	32.19	9.69	7.99	3.2	1.75
273	2/5/2007 07:46	9.54	49.507	32.15	9.7	7.99	2.9	1.74
274	2/5/2007 08:01	9.51	49.499	32.15	9.73	7.99	3.3	1.76
275	2/5/2007 08:16	9.56	49.558	32.19	9.71	7.99	3.0	1.79
276	2/5/2007 08:31	9.58	49.545	32.18	9.74	7.99	3.1	1.83
277	2/5/2007 08:46	9.61	49.583	32.21	9.73	7.99	4.4	1.89
278	2/5/2007 09:01	9.4	49.255	31.96	9.7	7.98	5.0	1.97
279	2/5/2007 09:16	9.54	49.503	32.15	9.67	7.98	4.1	2.04
280	2/5/2007 09:31	9.61	49.671	32.28	9.61	7.98	3.7	2.12
281	2/5/2007 09:46	9.65	49.737	32.33	9.58	7.98	3.4	2.19
282	2/5/2007 10:01	9.69	49.811	32.38	9.57	7.98	3.5	2.25
283	2/5/2007 10:16	9.76	50.004	32.53	9.53	7.98	3.7	2.33
284	2/5/2007 10:31	9.83	50.062	32.57	9.56	7.98	3.7	2.38
285	2/5/2007 10:46	9.86	50.08	32.59	9.56	7.99	3.5	2.46
286	2/5/2007 11:01	9.88	50.089	32.6	9.58	7.99	3.5	2.53
287	2/5/2007 11:16	9.9	50.122	32.62	9.58	7.99	3.9	2.59

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	2/5/2007 11:31	9.92	50.189	32.67	9.53	7.99	3.9	2.66
289	2/5/2007 11:46	9.94	50.221	32.7	9.51	7.99	4.0	2.74
290	2/5/2007 12:01	9.96	50.248	32.72	9.49	7.99	4.1	2.81
291	2/5/2007 12:16	9.97	50.292	32.75	9.46	7.99	4.4	2.87
292	2/5/2007 12:31	9.99	50.35	32.79	9.41	7.99	4.1	2.93
293	2/5/2007 12:46	10.01	50.425	32.85	9.36	7.99	4.5	3.00
294	2/5/2007 13:01	10.02	50.477	32.89	9.32	7.99	3.9	3.05
295	2/5/2007 13:16	10.05	50.499	32.91	9.3	7.99	3.3	3.07
296	2/5/2007 13:31	10.06	50.509	32.91	9.28	7.99	3.2	3.10
297	2/5/2007 13:46	10.12	50.326	32.79	9.6	8	3.3	3.11
298	2/5/2007 14:01	10.05	50.412	32.84	9.34	7.99	3.3	3.11
299	2/5/2007 14:16	10.06	50.527	32.93	9.26	7.99	3.4	3.06
300	2/5/2007 14:31	10.08	50.477	32.89	9.3	7.99	3.5	3.02
301	2/5/2007 14:46	10.13	50.393	32.83	9.41	7.99	3.1	2.96
302	2/5/2007 15:01	10.46	50.044	32.6	10.18	8.04	3.4	2.87
303	2/5/2007 15:16	10.27	50.152	32.67	10.07	8.03	3.9	2.78
304	2/5/2007 15:31	10.43	50.08	32.63	10.42	8.05	3.3	2.68
305	2/5/2007 15:46	10.26	50.076	32.61	10.35	8.05	3.9	2.60
306	2/5/2007 16:01	10.26	50.034	32.58	10.32	8.05	3.8	2.51
307	2/5/2007 16:16	10.29	50.014	32.57	10.52	8.06	3.4	2.40
308	2/5/2007 16:31	10.33	49.935	32.52	10.88	8.08	3.9	2.32
309	2/5/2007 16:46	10.3	49.893	32.48	10.81	8.07	4.0	2.22
310	2/5/2007 17:01	10.31	49.832	32.44	10.91	8.08	3.8	2.12
311	2/5/2007 17:16	10.26	49.809	32.42	11.03	8.09	4.1	2.02
312	2/5/2007 17:31	10.22	49.795	32.41	10.41	8.06	5.3	1.90
313	2/5/2007 17:46	10.21	49.785	32.4	10.44	8.06	5.0	1.78
314	2/5/2007 18:01	10.2	49.718	32.35	10.42	8.06	5.0	1.69
315	2/5/2007 18:16	10.19	49.662	32.31	10.49	8.06	4.8	1.58
316	2/5/2007 18:31	10.19	49.663	32.31	10.52	8.07	4.2	1.48
317	2/5/2007 18:46	10.2	49.596	32.26	10.6	8.07	4.4	1.40
318	2/5/2007 19:01	10.18	49.622	32.28	10.55	8.07	4.0	1.32
319	2/5/2007 19:16	10.17	49.59	32.26	10.56	8.07	3.8	1.25
320	2/5/2007 19:31	10.19	49.536	32.22	10.67	8.08	3.6	1.23
321	2/5/2007 19:46	10.18	49.494	32.19	10.75	8.09	3.3	1.20
322	2/5/2007 20:01	10.18	49.543	32.22	10.67	8.08	3.5	1.22
323	2/5/2007 20:16	10.18	49.509	32.2	10.79	8.08	3.4	1.25
324	2/5/2007 20:31	10.19	49.509	32.2	10.77	8.08	3.5	1.30
325	2/5/2007 20:46	10.18	49.456	32.16	10.89	8.09	3.5	1.37
326	2/5/2007 21:01	10.19	49.256	32.02	10.73	8.07	4.2	1.44
327	2/5/2007 21:16	10.19	48.973	31.81	10.59	8.06	4.5	1.54
328	2/5/2007 21:31	10.19	48.958	31.8	10.55	8.06	4.5	1.62
329	2/5/2007 21:46	10.21	49.293	32.04	10.57	8.06	4.9	1.71
330	2/5/2007 22:01	10.22	49.419	32.14	10.53	8.06	4.4	1.79
331	2/5/2007 22:16	10.23	49.491	32.19	10.52	8.06	4.2	1.88
332	2/5/2007 22:31	10.23	49.739	32.37	10.27	8.04	4.5	1.95
333	2/5/2007 22:46	10.21	49.831	32.43	10.11	8.03	4.1	2.05
334	2/5/2007 23:01	10.21	49.861	32.45	10.08	8.03	4.2	2.12
335	2/5/2007 23:16	10.22	49.879	32.47	10.09	8.03	4.1	2.20

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	2/5/2007 23:31	10.23	49.929	32.51	10.07	8.03	4.6	2.30
337	2/5/2007 23:46	10.22	49.923	32.5	9.98	8.03	6.2	2.37
338	2/6/2007 00:01	10.22	49.936	32.51	9.95	8.02	5.5	2.46
339	2/6/2007 00:16	10.22	49.991	32.55	9.93	8.02	5.6	2.55
340	2/6/2007 00:31	10.22	50.05	32.59	9.82	8.02	5.3	2.64
341	2/6/2007 00:46	10.2	50.135	32.65	9.72	8.01	5.9	2.72
342	2/6/2007 01:01	10.19	50.225	32.72	9.62	8.01	7.5	2.80
343	2/6/2007 01:16	10.19	50.32	32.79	9.53	8.01	5.6	2.88
344	2/6/2007 01:31	10.18	50.379	32.83	9.44	8	5.1	2.95
345	2/6/2007 01:46	10.17	50.429	32.86	9.38	8	5.0	3.02
346	2/6/2007 02:01	10.18	50.475	32.9	9.34	8	4.9	3.08
347	2/6/2007 02:16	10.19	50.491	32.91	9.33	8	4.7	3.12
348	2/6/2007 02:31	10.19	50.484	32.9	9.28	8	3.6	3.16
349	2/6/2007 02:46	10.11	50.241	32.72	9.4	8	3.8	3.16
350	2/6/2007 03:01	10.15	50.382	32.83	9.27	8	3.5	3.18
351	2/6/2007 03:16	10.17	50.411	32.85	9.28	8	3.5	3.15
352	2/6/2007 03:31	10.17	50.404	32.85	9.3	8	3.6	3.10
353	2/6/2007 03:46	10.14	50.349	32.8	9.35	8	4.1	3.04
354	2/6/2007 04:01	10.07	50.034	32.57	9.61	8.01	3.4	2.96
355	2/6/2007 04:16	10.08	50.087	32.61	9.55	8	3.8	2.87
356	2/6/2007 04:31	10.12	50.087	32.61	9.51	8	3.7	2.79
357	2/6/2007 04:46	10.11	50.129	32.64	9.46	8	3.4	2.69
358	2/6/2007 05:01	10.1	50.022	32.56	9.48	8	4.1	2.60
359	2/6/2007 05:16	10.09	49.983	32.54	9.44	7.99	3.4	2.52
360	2/6/2007 05:31	10.1	50.007	32.55	9.45	8	3.9	2.44
361	2/6/2007 05:46	10.12	50.029	32.57	9.56	8	4.4	2.33
362	2/6/2007 06:01	10.11	49.997	32.55	9.63	8.01	3.8	2.26
363	2/6/2007 06:16	10.07	49.911	32.48	9.5	8	3.0	2.18
364	2/6/2007 06:31	10.07	49.893	32.47	9.55	8	3.2	2.09
365	2/6/2007 06:46	10.07	49.835	32.43	9.68	8.01	3.3	2.03
366	2/6/2007 07:01	10.05	49.808	32.41	9.62	8.01	2.9	1.94
367	2/6/2007 07:16	10.01	49.827	32.42	9.6	8	3.5	1.88
368	2/6/2007 07:31	10	49.787	32.39	9.64	8.01	3.3	1.82
369	2/6/2007 07:46	9.98	49.737	32.35	9.68	8.01	3.0	1.77
370	2/6/2007 08:01	9.97	49.684	32.31	9.74	8.02	3.1	1.73
371	2/6/2007 08:16	9.96	49.572	32.23	9.78	8.02	2.9	1.72
372	2/6/2007 08:31	9.95	49.575	32.23	9.69	8.02	3.3	1.72
373	2/6/2007 08:46	9.95	49.539	32.2	9.77	8.02	2.9	1.73
374	2/6/2007 09:01	9.96	49.593	32.25	9.76	8.02	2.8	1.76
375	2/6/2007 09:16	9.98	49.546	32.21	9.79	8.02	3.0	1.81
376	2/6/2007 09:31	9.99	49.586	32.24	9.78	8.02	3.1	1.88
377	2/6/2007 09:46	9.89	49.266	32	9.72	8.01	4.4	1.94
378	2/6/2007 10:01	10	49.537	32.21	9.73	8.01	3.7	2.01
379	2/6/2007 10:16	10.03	49.642	32.28	9.71	8.01	3.6	2.09
380	2/6/2007 10:31	10.05	49.705	32.33	9.68	8.01	3.8	2.16
381	2/6/2007 10:46	10.06	49.8	32.4	9.63	8.01	4.1	2.21
382	2/6/2007 11:01	10.11	49.993	32.54	9.6	8.01	3.4	2.28
383	2/6/2007 11:16	10.16	50.044	32.58	9.61	8.01	3.4	2.35

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
384	2/6/2007 11:31	10.18	50.064	32.6	9.61	8.01	3.4	2.40
385	2/6/2007 11:46	10.22	50.062	32.6	9.62	8.01	3.4	2.46
386	2/6/2007 12:01	10.26	50.065	32.61	9.64	8.01	3.2	2.52
387	2/6/2007 12:16	10.29	50.098	32.63	9.63	8.01	3.3	2.59
388	2/6/2007 12:31	10.31	50.125	32.65	9.6	8.01	3.6	2.63
389	2/6/2007 12:46	10.34	50.138	32.66	9.6	8.01	3.1	2.70
390	2/6/2007 13:01	10.34	50.166	32.68	9.57	8.01	3.3	2.76
391	2/6/2007 13:16	10.36	50.181	32.7	9.54	8.01	3.2	2.81
392	2/6/2007 13:31	10.38	50.222	32.73	9.51	8.01	3.6	2.86
393	2/6/2007 13:46	10.4	50.236	32.74	9.49	8.01	3.1	2.90
394	2/6/2007 14:01	10.4	50.246	32.75	9.46	8.01	3.2	2.93
395	2/6/2007 14:16	10.47	50.248	32.75	9.43	8.01	2.7	2.95
396	2/6/2007 14:31	10.5	50.215	32.73	9.57	8.01	2.7	2.95
397	2/6/2007 14:46	10.5	50.225	32.74	9.47	8.01	2.6	2.94
398	2/6/2007 15:01	10.48	50.242	32.75	9.46	8.01	2.8	2.92
399	2/6/2007 15:16	11.04	50.015	32.62	9.73	8.03	3.5	2.85
400	2/6/2007 15:31	10.75	50.078	32.65	9.73	8.03	3.5	2.79
401	2/6/2007 15:46	10.76	50	32.59	10.25	8.07	2.7	2.72
402	2/6/2007 16:01	10.74	50.083	32.65	10.27	8.07	2.6	2.64
403	2/6/2007 16:16	10.74	50.149	32.7	10.01	8.05	2.7	2.56
404	2/6/2007 16:31	10.71	49.977	32.57	10.24	8.06	2.9	2.48
405	2/6/2007 16:46	10.84	49.918	32.54	10.37	8.08	3.1	2.39
406	2/6/2007 17:01	10.79	49.906	32.52	10.51	8.09	3.0	2.31
407	2/6/2007 17:16	10.77	49.893	32.51	10.54	8.09	3.0	2.22
408	2/6/2007 17:31	10.76	49.894	32.51	10.55	8.09	3.1	2.14
409	2/6/2007 17:46	10.72	49.897	32.51	10.42	8.08	2.8	2.06
410	2/6/2007 18:01	10.76	49.856	32.49	10.47	8.09	3.1	1.95
411	2/6/2007 18:16	10.71	49.84	32.47	10.24	8.07	3.6	1.87
412	2/6/2007 18:31	10.68	49.776	32.42	10.14	8.06	4.3	1.79
413	2/6/2007 18:46	10.7	49.786	32.43	9.98	8.06	4.2	1.70
414	2/6/2007 19:01	10.75	49.782	32.43	9.97	8.06	4.1	1.62
415	2/6/2007 19:16	10.74	49.685	32.36	10.07	8.07	4.3	1.55
416	2/6/2007 19:31	10.79	49.613	32.31	10.23	8.08	3.8	1.49
417	2/6/2007 19:46	10.83	49.516	32.24	10.39	8.1	3.5	1.45
418	2/6/2007 20:01	10.84	49.474	32.21	10.36	8.1	3.3	1.42
419	2/6/2007 20:16	10.84	49.472	32.21	10.27	8.09	2.7	1.42
420	2/6/2007 20:31	10.83	49.485	32.22	10.39	8.1	3.4	1.43
421	2/6/2007 20:46	10.82	49.524	32.25	10.37	8.09	3.4	1.47
422	2/6/2007 21:01	10.81	49.553	32.27	10.37	8.09	3.4	1.51
423	2/6/2007 21:16	10.8	49.579	32.29	10.37	8.09	3.9	1.57
424	2/6/2007 21:31	10.92	49.286	32.08	10.18	8.07	4.7	1.63
425	2/6/2007 21:46	10.95	49.218	32.03	10.11	8.06	4.4	1.70
426	2/6/2007 22:01	10.86	49.454	32.2	10.15	8.07	4.3	1.79
427	2/6/2007 22:16	10.81	49.587	32.29	10.12	8.06	3.9	1.86
428	2/6/2007 22:31	10.79	49.673	32.35	10.1	8.06	3.6	1.93
429	2/6/2007 22:46	10.77	49.745	32.41	10.08	8.06	3.7	2.01
430	2/6/2007 23:01	10.66	49.864	32.49	9.94	8.04	3.6	2.08
431	2/6/2007 23:16	10.63	49.916	32.52	9.86	8.04	3.7	2.16

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	2/6/2007 23:31	10.63	49.94	32.54	9.84	8.04	4.0	2.23
433	2/6/2007 23:46	10.63	49.944	32.54	9.85	8.04	3.8	2.31
434	2/7/2007 00:01	10.62	49.958	32.55	9.86	8.04	4.2	2.39
435	2/7/2007 00:16	10.59	49.995	32.58	9.8	8.03	4.2	2.46
436	2/7/2007 00:31	10.58	50.015	32.59	9.76	8.03	4.7	2.55
437	2/7/2007 00:46	10.56	50.053	32.62	9.71	8.03	5.0	2.63
438	2/7/2007 01:01	10.55	50.095	32.65	9.61	8.02	5.5	2.71
439	2/7/2007 01:16	10.52	50.163	32.69	9.49	8.02	5.3	2.79
440	2/7/2007 01:31	10.5	50.239	32.75	9.41	8.01	5.5	2.87
441	2/7/2007 01:46	10.49	50.33	32.81	9.32	8.01	5.6	2.95
442	2/7/2007 02:01	10.5	50.381	32.85	9.27	8.01	5.3	3.01
443	2/7/2007 02:16	10.52	50.432	32.89	9.25	8.01	4.9	3.08
444	2/7/2007 02:31	10.53	50.459	32.91	9.25	8.01	4.0	3.13
445	2/7/2007 02:46	10.54	50.461	32.91	9.22	8.01	3.5	3.17
446	2/7/2007 03:01	10.55	50.461	32.91	9.23	8.01	3.4	3.19
447	2/7/2007 03:16	10.55	50.419	32.88	9.17	8.01	3.2	3.20
448	2/7/2007 03:31	10.55	50.35	32.83	9.21	8.01	3.6	3.19
449	2/7/2007 03:46	10.56	50.494	32.94	9.18	8.01	3.1	3.16
450	2/7/2007 04:01	10.55	50.393	32.86	9.22	8.01	3.4	3.10
451	2/7/2007 04:16	10.58	50.058	32.62	9.38	8.01	3.8	3.05
452	2/7/2007 04:31	10.6	50.025	32.6	9.37	8.01	3.9	2.97
453	2/7/2007 04:46	10.58	49.882	32.49	9.33	8.01	3.0	2.89
454	2/7/2007 05:01	10.58	50.056	32.62	9.29	8.01	3.4	2.79
455	2/7/2007 05:16	10.59	50.042	32.61	9.29	8.01	3.8	2.71
456	2/7/2007 05:31	10.58	50.04	32.61	9.29	8.01	4.0	2.63
457	2/7/2007 05:46	10.59	50.025	32.6	9.28	8.01	3.5	2.55
458	2/7/2007 06:01	10.58	50.046	32.61	9.33	8.01	3.6	2.46
459	2/7/2007 06:16	10.59	50.024	32.6	9.32	8.01	4.5	2.37
460	2/7/2007 06:31	10.62	49.952	32.55	9.24	8	2.7	2.30
461	2/7/2007 06:46	10.66	49.849	32.47	9.22	8.01	2.8	2.22
462	2/7/2007 07:01	10.68	49.767	32.42	9.21	8	2.7	2.14
463	2/7/2007 07:16	10.7	49.687	32.36	9.08	7.99	3.0	2.06
464	2/7/2007 07:31	10.77	49.446	32.19	9.14	8	3.0	1.99
465	2/7/2007 07:46	10.76	49.48	32.21	9.06	7.99	2.8	1.91
466	2/7/2007 08:01	10.75	49.502	32.23	8.88	7.98	3.3	1.86
467	2/7/2007 08:16	10.78	49.489	32.22	9.05	8	3.0	1.79
468	2/7/2007 08:31	10.81	49.437	32.18	9	8	3.0	1.75
469	2/7/2007 08:46	10.81	49.454	32.2	9	8	2.8	1.73
470	2/7/2007 09:01	10.83	49.413	32.17	8.96	8.01	3.1	1.70
471	2/7/2007 09:16	10.84	49.392	32.15	8.98	8.01	3.1	1.69
472	2/7/2007 09:31	10.81	49.415	32.17	8.98	8	3.0	1.72
473	2/7/2007 09:46	10.8	49.429	32.18	8.97	8	3.1	1.74
474	2/7/2007 10:01	10.8	49.432	32.18	9.07	8	3.0	1.78
475	2/7/2007 10:16	10.81	49.423	32.17	9.1	8	3.1	1.84
476	2/7/2007 10:31	10.85	49.148	31.98	9.16	8	3.7	1.90
477	2/7/2007 10:46	10.85	49.116	31.95	9.17	8	3.5	1.96
478	2/7/2007 11:01	10.81	49.31	32.09	9.16	8	3.2	2.01
479	2/7/2007 11:16	10.79	49.415	32.17	9.17	8	3.3	2.07

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	2/7/2007 11:31	10.77	49.532	32.25	9.17	8	3.5	2.13
481	2/7/2007 11:46	10.71	49.705	32.37	9.21	8.01	3.3	2.19
482	2/7/2007 12:01	10.66	49.884	32.5	9.3	8.01	3.1	2.24
483	2/7/2007 12:16	10.65	49.918	32.52	9.35	8.02	3.0	2.30
484	2/7/2007 12:31	10.65	49.936	32.54	9.36	8.02	3.0	2.35
485	2/7/2007 12:46	10.65	49.936	32.54	9.38	8.02	3.0	2.40
486	2/7/2007 13:01	10.66	49.941	32.54	9.4	8.02	2.9	2.48
487	2/7/2007 13:16	10.66	49.94	32.54	9.4	8.02	3.0	2.53
488	2/7/2007 13:31	10.65	49.899	32.51	9.39	8.02	3.0	2.57
489	2/7/2007 13:46	10.64	49.803	32.44	9.37	8.02	2.9	2.61
490	2/7/2007 14:01	10.63	49.822	32.45	9.36	8.02	2.9	2.65
491	2/7/2007 14:16	10.62	49.927	32.53	9.34	8.02	2.7	2.69
492	2/7/2007 14:31	10.62	49.86	32.48	9.31	8.02	2.9	2.71
493	2/7/2007 14:46	10.61	49.915	32.52	9.28	8.02	2.6	2.73
494	2/7/2007 15:01	10.61	49.934	32.53	9.27	8.02	2.6	2.77
495	2/7/2007 15:16	10.63	49.835	32.46	9.24	8.02	2.3	2.75
496	2/7/2007 15:31	10.61	49.954	32.55	9.24	8.01	2.6	2.74
497	2/7/2007 15:46	10.61	49.95	32.54	9.24	8.01	2.7	2.72
498	2/7/2007 16:01	10.67	49.475	32.2	9.38	8.03	3.3	2.67
499	2/7/2007 16:16	10.67	49.413	32.16	9.45	8.03	2.8	2.61
500	2/7/2007 16:31	10.66	49.517	32.23	9.37	8.02	3.0	2.55
501	2/7/2007 16:46	10.73	49.455	32.19	9.52	8.04	2.8	2.49
502	2/7/2007 17:01	10.76	49.428	32.18	9.55	8.04	2.7	2.42
503	2/7/2007 17:16	10.78	49.376	32.14	9.59	8.04	2.8	2.35
504	2/7/2007 17:31	10.76	49.406	32.16	9.58	8.04	2.8	2.28
505	2/7/2007 17:46	10.76	49.36	32.13	9.55	8.04	2.7	2.21
506	2/7/2007 18:01	10.76	49.3	32.08	9.51	8.04	3.6	2.13
507	2/7/2007 18:16	10.77	49.285	32.07	9.52	8.04	2.8	2.07
508	2/7/2007 18:31	10.79	49.243	32.04	9.49	8.04	2.7	2.00
509	2/7/2007 18:46	10.77	49.222	32.03	9.4	8.04	2.8	1.93
510	2/7/2007 19:01	10.81	49.112	31.95	9.35	8.04	3.1	1.87
511	2/7/2007 19:16	10.83	49.056	31.91	9.32	8.04	3.4	1.82
512	2/7/2007 19:31	10.83	48.98	31.86	9.22	8.03	3.1	1.75
513	2/7/2007 19:46	10.82	48.981	31.86	9.19	8.03	3.2	1.71
514	2/7/2007 20:01	10.85	48.932	31.82	9.11	8.03	3.1	1.67
515	2/7/2007 20:16	10.86	48.889	31.79	9.08	8.03	2.6	1.64
516	2/7/2007 20:31	10.84	48.858	31.77	8.99	8.03	2.6	1.61
517	2/7/2007 20:46	10.82	48.913	31.81	9.12	8.03	3.4	1.63
518	2/7/2007 21:01	10.82	49.05	31.91	9.16	8.03	3.3	1.64
519	2/7/2007 21:16	10.82	49.037	31.9	9.21	8.03	3.4	1.66
520	2/7/2007 21:31	10.81	49.039	31.9	9.23	8.03	3.5	1.71
521	2/7/2007 21:46	10.8	48.906	31.8	9.25	8.03	3.4	1.76
522	2/7/2007 22:01	10.8	48.986	31.86	9.27	8.03	3.4	1.83
523	2/7/2007 22:16	10.79	48.914	31.81	9.27	8.03	3.4	1.89
524	2/7/2007 22:31	10.79	48.816	31.73	9.27	8.03	3.3	1.94
525	2/7/2007 22:46	10.78	48.904	31.8	9.29	8.03	3.2	2.01
526	2/7/2007 23:01	10.77	48.909	31.8	9.3	8.03	3.3	2.07
527	2/7/2007 23:16	10.75	49.046	31.9	9.29	8.02	3.3	2.14

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	2/7/2007 23:31	10.7	49.225	32.03	9.31	8.02	3.3	2.20
529	2/7/2007 23:46	10.67	49.404	32.15	9.33	8.02	3.1	2.27
530	2/8/2007 00:01	10.65	49.453	32.19	9.34	8.03	3.2	2.34
531	2/8/2007 00:16	10.63	49.469	32.2	9.34	8.03	3.1	2.41
532	2/8/2007 00:31	10.63	49.469	32.2	9.34	8.03	3.5	2.47
533	2/8/2007 00:46	10.63	49.489	32.21	9.35	8.03	3.8	2.55
534	2/8/2007 01:01	10.62	49.556	32.26	9.32	8.02	3.8	2.62
535	2/8/2007 01:16	10.6	49.579	32.28	9.31	8.02	3.9	2.70
536	2/8/2007 01:31	10.59	49.638	32.32	9.28	8.02	4.0	2.77
537	2/8/2007 01:46	10.56	49.734	32.38	9.23	8.02	4.5	2.85
538	2/8/2007 02:01	10.54	49.823	32.45	9.2	8.02	4.3	2.92
539	2/8/2007 02:16	10.53	49.911	32.51	9.18	8.02	4.6	2.98
540	2/8/2007 02:31	10.52	49.975	32.56	9.15	8.02	4.2	3.05
541	2/8/2007 02:46	10.51	50.039	32.6	9.14	8.02	4.0	3.10
542	2/8/2007 03:01	10.5	50.005	32.58	9.1	8.01	3.9	3.13
543	2/8/2007 03:16	10.43	49.962	32.54	9.03	8.01	3.0	3.16
544	2/8/2007 03:31	10.32	49.739	32.37	8.93	8	2.8	3.18
545	2/8/2007 03:46	10.36	49.705	32.35	8.99	8.01	3.4	3.18
546	2/8/2007 04:01	10.5	50.029	32.6	9	8.01	5.5	3.15
547	2/8/2007 04:16	10.5	50.04	32.6	9.02	8.01	2.8	3.12
548	2/8/2007 04:31	10.37	49.627	32.3	9.08	8.01	3.0	3.08
549	2/8/2007 04:46	10.26	49.45	32.16	9.07	8	3.2	3.03
550	2/8/2007 05:01	10.31	49.415	32.14	9.02	8	3.1	2.95
551	2/8/2007 05:16	10.37	49.577	32.26	9.05	8	3.2	2.90
552	2/8/2007 05:31	10.33	49.415	32.14	8.98	8	2.8	2.80
553	2/8/2007 05:46	10.35	49.45	32.17	8.94	8	2.8	2.74
554	2/8/2007 06:01	10.36	49.458	32.17	8.91	8	2.9	2.65
555	2/8/2007 06:16	10.32	49.404	32.13	8.92	7.99	2.7	2.57
556	2/8/2007 06:31	10.38	49.418	32.15	8.99	8	3.1	2.49
557	2/8/2007 06:46	10.39	49.356	32.1	8.98	8	3.7	2.39
558	2/8/2007 07:01	10.33	49.244	32.02	8.72	7.98	2.8	2.33
559	2/8/2007 07:16	10.35	49.194	31.98	8.8	7.99	3.0	2.25
560	2/8/2007 07:31	10.36	49.161	31.96	8.78	7.99	2.9	2.18
561	2/8/2007 07:46	10.28	49.18	31.97	8.69	7.97	2.7	2.10
562	2/8/2007 08:01	10.31	49.045	31.87	8.7	7.98	3.8	2.02
563	2/8/2007 08:16	10.32	49.064	31.89	8.76	7.99	3.5	1.96
564	2/8/2007 08:31	10.27	49.143	31.94	8.71	7.98	2.9	1.88
565	2/8/2007 08:46	10.29	49.078	31.89	8.69	7.98	3.1	1.82
566	2/8/2007 09:01	10.3	49.058	31.88	8.68	7.98	2.9	1.77
567	2/8/2007 09:16	10.31	49.098	31.91	8.69	7.98	3.2	1.73
568	2/8/2007 09:31	10.32	49.032	31.86	8.67	7.99	2.8	1.70
569	2/8/2007 09:46	10.32	49.007	31.84	8.61	7.99	2.9	1.67
570	2/8/2007 10:01	10.31	48.976	31.82	8.57	7.99	2.5	1.67
571	2/8/2007 10:16	10.31	49.003	31.84	8.67	7.99	2.9	1.69
572	2/8/2007 10:31	10.31	49.023	31.86	8.67	7.98	3.0	1.70
573	2/8/2007 10:46	10.35	49.014	31.85	8.72	7.99	2.8	1.75
574	2/8/2007 11:01	10.31	48.9	31.77	8.71	7.98	3.1	1.81
575	2/8/2007 11:16	10.31	48.796	31.69	8.71	7.98	3.1	1.85

sonde #4		Indian Island Long-Term Deployment			Water Quality Data			TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	2/8/2007 11:31	10.3	48.683	31.61	8.7	7.98	3.2	1.89
577	2/8/2007 11:46	10.29	48.529	31.5	8.72	7.98	3.3	1.97
578	2/8/2007 12:01	10.31	48.739	31.65	8.71	7.98	3.1	1.99
579	2/8/2007 12:16	10.32	48.775	31.68	8.73	7.98	3.1	2.04
580	2/8/2007 12:31	10.32	48.799	31.69	8.76	7.98	3.2	2.08
581	2/8/2007 12:46	10.32	48.841	31.73	8.78	7.98	3.1	2.12
582	2/8/2007 13:01	10.34	49.075	31.89	8.84	7.99	2.9	2.16
583	2/8/2007 13:16	10.38	49.259	32.03	8.92	7.99	2.9	2.20
584	2/8/2007 13:31	10.41	49.321	32.08	9.01	8	2.8	2.24
585	2/8/2007 13:46	10.44	49.39	32.13	9.05	8	2.8	2.28
586	2/8/2007 14:01	10.45	49.412	32.14	9.06	8.01	2.7	2.33
587	2/8/2007 14:16	10.45	49.426	32.16	9.07	8.01	2.7	2.37
588	2/8/2007 14:31	10.45	49.441	32.17	9.06	8.01	2.5	2.41
589	2/8/2007 14:46	10.45	49.423	32.15	9.07	8.01	2.8	2.46
590	2/8/2007 15:01	10.44	49.415	32.15	9.06	8.01	2.7	2.48
591	2/8/2007 15:16	10.44	49.411	32.14	9.05	8.01	2.7	2.51
592	2/8/2007 15:31	10.45	49.405	32.14	9.01	8.01	2.7	2.53
593	2/8/2007 15:46	10.45	49.38	32.12	8.92	8	2.2	2.55
594	2/8/2007 16:01	10.45	49.338	32.09	8.96	8	2.6	2.56
595	2/8/2007 16:16	10.46	49.255	32.03	9.05	8	2.5	2.56
596	2/8/2007 16:31	10.45	48.822	31.72	9.13	8.01	3.3	2.55
597	2/8/2007 16:46	10.45	49.262	32.04	8.99	8	2.4	2.53
598	2/8/2007 17:01	10.44	49.271	32.04	8.93	8	2.4	2.48
599	2/8/2007 17:16	10.46	48.881	31.76	9.05	8	3.0	2.45
600	2/8/2007 17:31	10.44	48.924	31.79	9	8	2.8	2.39
601	2/8/2007 17:46	10.46	48.817	31.72	9.03	8	3.0	2.35
602	2/8/2007 18:01	10.45	48.848	31.74	9.01	8	3.0	2.30
603	2/8/2007 18:16	10.45	48.671	31.61	9.01	8	3.6	2.24
604	2/8/2007 18:31	10.45	48.524	31.5	8.99	8	3.4	2.20
605	2/8/2007 18:46	10.44	48.494	31.48	8.96	7.99	3.9	2.14
606	2/8/2007 19:01	10.44	48.454	31.45	8.93	7.99	3.6	2.10
607	2/8/2007 19:16	10.45	48.463	31.46	8.9	7.99	4.0	2.05
608	2/8/2007 19:31	10.45	48.456	31.46	8.87	7.99	3.7	2.01
609	2/8/2007 19:46	10.47	48.41	31.42	8.86	7.99	3.8	1.97
610	2/8/2007 20:01	10.44	48.343	31.37	8.87	7.99	3.4	1.93
611	2/8/2007 20:16	10.46	48.308	31.35	8.82	7.98	3.5	1.89
612	2/8/2007 20:31	10.44	48.297	31.34	8.78	7.99	2.6	1.89
613	2/8/2007 20:46	10.43	48.465	31.46	8.7	7.98	2.2	1.86
614	2/8/2007 21:01	10.44	48.293	31.34	8.6	7.98	1.6	1.85
615	2/8/2007 21:16	10.45	48.285	31.33	8.82	7.99	3.8	1.87
616	2/8/2007 21:31	10.45	48.312	31.35	8.85	7.99	3.7	1.87
617	2/8/2007 21:46	10.45	48.374	31.4	8.85	7.99	4.3	1.90
618	2/8/2007 22:01	10.43	48.688	31.62	8.83	7.99	3.3	1.91
619	2/8/2007 22:16	10.43	48.666	31.61	8.84	7.99	3.4	1.95
620	2/8/2007 22:31	10.44	48.387	31.41	8.86	7.99	4.0	1.99
621	2/8/2007 22:46	10.44	48.275	31.32	8.9	7.99	3.8	2.05
622	2/8/2007 23:01	10.43	48.478	31.47	8.9	7.99	3.6	2.09
623	2/8/2007 23:16	10.43	48.726	31.65	8.88	7.99	3.3	2.14

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	2/8/2007 23:31	10.43	48.771	31.68	8.91	7.99	3.4	2.20
625	2/8/2007 23:46	10.43	48.831	31.72	8.92	7.99	3.4	2.26
626	2/9/2007 00:01	10.43	48.767	31.68	8.92	7.99	3.3	2.31
627	2/9/2007 00:16	10.43	48.887	31.76	8.93	7.99	3.0	2.37
628	2/9/2007 00:31	10.43	49.123	31.94	8.97	8	3.6	2.43
629	2/9/2007 00:46	10.42	49.182	31.98	8.99	8	3.4	2.51
630	2/9/2007 01:01	10.41	49.178	31.97	8.99	8	3.1	2.56
631	2/9/2007 01:16	10.41	49.187	31.98	9.01	8	3.1	2.62
632	2/9/2007 01:31	10.41	49.176	31.97	8.99	8	3.1	2.69
633	2/9/2007 01:46	10.42	49.222	32.01	8.98	8	3.4	2.75
634	2/9/2007 02:01	10.42	49.259	32.03	8.96	8	3.1	2.82
635	2/9/2007 02:16	10.42	49.297	32.06	8.97	8	3.4	2.88
636	2/9/2007 02:31	10.4	49.446	32.17	8.99	8	3.8	2.94
637	2/9/2007 02:46	10.4	49.508	32.21	8.99	8	3.7	3.01
638	2/9/2007 03:01	10.4	49.595	32.27	9	8	3.8	3.07
639	2/9/2007 03:16	10.39	49.63	32.3	9	8	3.8	3.10
640	2/9/2007 03:31	10.38	49.659	32.32	8.99	8	3.2	3.14
641	2/9/2007 03:46	10.39	49.689	32.34	8.98	8	3.4	3.18
642	2/9/2007 04:01	10.38	49.701	32.35	8.9	8	2.5	3.19
643	2/9/2007 04:16	10.38	49.515	32.22	8.89	8	5.2	3.18
644	2/9/2007 04:31	10.39	49.644	32.31	8.85	8	2.5	3.18
645	2/9/2007 04:46	10.34	49.5	32.2	8.89	8	2.8	3.15
646	2/9/2007 05:01	10.35	49.581	32.26	8.88	8	2.7	3.11
647	2/9/2007 05:16	10.23	49.215	31.99	8.84	7.99	3.1	3.06
648	2/9/2007 05:31	10.19	49.119	31.92	8.75	7.98	3.4	2.99
649	2/9/2007 05:46	10.21	49.142	31.94	8.69	7.97	2.8	2.93
650	2/9/2007 06:01	10.23	49.078	31.89	8.66	7.97	2.8	2.86
651	2/9/2007 06:16	10.15	48.999	31.83	8.72	7.98	3.3	2.78
652	2/9/2007 06:31	10.21	49.076	31.89	8.73	7.98	3.3	2.72
653	2/9/2007 06:46	10.26	49.13	31.93	8.73	7.98	3.0	2.63
654	2/9/2007 07:01	10.24	49.068	31.88	8.71	7.98	3.2	2.55
655	2/9/2007 07:16	10.2	48.955	31.8	8.56	7.96	3.0	2.48
656	2/9/2007 07:31	10.16	48.799	31.68	8.44	7.95	2.8	2.41
657	2/9/2007 07:46	10.15	48.767	31.66	8.41	7.95	2.7	2.33
658	2/9/2007 08:01	10.13	48.688	31.6	8.44	7.95	2.7	2.26
659	2/9/2007 08:16	10.11	48.627	31.56	8.4	7.94	3.1	2.18
660	2/9/2007 08:31	10.11	48.737	31.64	8.46	7.95	3.1	2.11
661	2/9/2007 08:46	10.11	48.619	31.55	8.55	7.96	3.6	2.04
662	2/9/2007 09:01	10.1	48.519	31.48	8.57	7.96	3.4	1.97
663	2/9/2007 09:16	10.11	48.482	31.45	8.61	7.96	2.9	1.89
664	2/9/2007 09:31	10.15	48.51	31.48	8.66	7.97	3.1	1.83
665	2/9/2007 09:46	10.18	48.557	31.51	8.68	7.97	3.0	1.77
666	2/9/2007 10:01	10.23	48.566	31.52	8.74	7.97	3.0	1.72
667	2/9/2007 10:16	10.26	48.533	31.5	8.7	7.97	2.8	1.67
668	2/9/2007 10:31	10.3	48.516	31.49	8.72	7.98	3.0	1.66
669	2/9/2007 10:46	10.38	48.46	31.45	8.64	7.97	2.9	1.65
670	2/9/2007 11:01	10.32	48.485	31.47	8.66	7.97	2.8	1.62
671	2/9/2007 11:16	10.28	48.52	31.49	8.66	7.97	3.0	1.64

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	2/9/2007 11:31	10.29	48.49	31.47	8.63	7.96	3.0	1.66
673	2/9/2007 11:46	10.3	48.465	31.45	8.62	7.96	3.0	1.69
674	2/9/2007 12:01	10.28	48.429	31.43	8.59	7.96	3.1	1.72
675	2/9/2007 12:16	10.26	48.212	31.27	8.56	7.96	3.1	1.77
676	2/9/2007 12:31	10.24	47.908	31.05	8.55	7.95	3.5	1.81
677	2/9/2007 12:46	10.23	48.012	31.12	8.52	7.95	3.4	1.85
678	2/9/2007 13:01	10.21	47.923	31.06	8.52	7.95	3.6	1.91
679	2/9/2007 13:16	10.2	47.906	31.04	8.52	7.95	3.4	1.95
680	2/9/2007 13:31	10.2	48.048	31.15	8.49	7.95	3.1	1.99
681	2/9/2007 13:46	10.19	48.145	31.22	8.47	7.95	3.1	2.03
682	2/9/2007 14:01	10.17	48.243	31.28	8.46	7.95	3.1	2.08
683	2/9/2007 14:16	10.19	48.367	31.38	8.51	7.95	3.1	2.10
684	2/9/2007 14:31	10.22	48.341	31.36	8.53	7.96	3.0	2.14
685	2/9/2007 14:46	10.26	48.461	31.45	8.59	7.96	3.1	2.19
686	2/9/2007 15:01	10.37	48.455	31.45	8.64	7.96	3.0	2.22
687	2/9/2007 15:16	10.58	48.49	31.49	8.73	7.97	2.8	2.25
688	2/9/2007 15:31	10.63	48.548	31.53	8.77	7.97	2.9	2.29
689	2/9/2007 15:46	10.67	48.573	31.55	8.79	7.98	3.1	2.33
690	2/9/2007 16:01	10.79	48.508	31.51	8.8	7.98	3.1	2.35
691	2/9/2007 16:16	10.73	48.623	31.59	8.8	7.98	3.0	2.37
692	2/9/2007 16:31	10.69	48.649	31.61	8.81	7.98	3.0	2.40
693	2/9/2007 16:46	10.62	48.72	31.66	8.77	7.98	2.8	2.41
694	2/9/2007 17:01	10.53	48.805	31.71	8.71	7.98	2.5	2.43
695	2/9/2007 17:16	10.57	48.767	31.69	8.68	7.97	2.3	2.42
696	2/9/2007 17:31	10.54	48.737	31.66	8.73	7.97	2.6	2.43
697	2/9/2007 17:46	10.63	48.429	31.45	8.73	7.97	2.0	2.42
698	2/9/2007 18:01	10.47	48.809	31.71	8.62	7.97	2.2	2.41
699	2/9/2007 18:16	10.44	48.808	31.71	8.58	7.97	2.3	2.40
700	2/9/2007 18:31	10.44	48.745	31.66	8.59	7.97	2.6	2.37
701	2/9/2007 18:46	10.52	48.647	31.6	8.64	7.97	2.7	2.34
702	2/9/2007 19:01	10.63	48.568	31.55	8.74	7.97	2.8	2.30
703	2/9/2007 19:16	10.66	48.424	31.44	8.69	7.97	2.8	2.26
704	2/9/2007 19:31	10.5	48.314	31.36	8.62	7.96	2.7	2.23
705	2/9/2007 19:46	10.46	48.337	31.37	8.58	7.96	2.7	2.20
706	2/9/2007 20:01	10.44	48.322	31.36	8.57	7.96	2.9	2.16
707	2/9/2007 20:16	10.52	48.212	31.28	8.83	7.98	3.0	2.13
708	2/9/2007 20:31	10.55	48.169	31.25	9.11	7.99	2.5	2.11
709	2/9/2007 20:46	10.72	48.078	31.2	9.37	8.03	2.0	2.08
710	2/9/2007 21:01	10.94	47.929	31.1	9.86	8.07	2.4	2.06
711	2/9/2007 21:16	10.87	48.003	31.15	9.64	8.05	1.3	2.05
712	2/9/2007 21:31	10.84	48.007	31.15	9.4	8.03	2.4	2.05
713	2/9/2007 21:46	10.86	48.001	31.15	9.23	8.01	3.0	2.06
714	2/9/2007 22:01	10.95	47.928	31.1	9.13	8	3.1	2.06
715	2/9/2007 22:16	10.78	48.017	31.16	9.07	7.99	3.0	2.08
716	2/9/2007 22:31	10.53	48.208	31.28	8.8	7.97	3.0	2.10
717	2/9/2007 22:46	10.74	47.936	31.1	9.07	8	3.1	2.13
718	2/9/2007 23:01	10.7	48.082	31.2	8.91	7.98	3.2	2.17
719	2/9/2007 23:16	10.75	47.946	31.1	8.89	7.98	2.9	2.19

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	2/9/2007 23:31	10.73	48.014	31.15	8.8	7.97	3.3	2.24
721	2/9/2007 23:46	10.67	48.184	31.27	8.75	7.97	3.2	2.28
722	2/10/2007 00:01	10.62	48.431	31.45	8.68	7.96	3.8	2.32
723	2/10/2007 00:16	10.59	48.489	31.49	8.69	7.97	3.0	2.35
724	2/10/2007 00:31	10.54	48.656	31.6	8.71	7.97	3.1	2.40
725	2/10/2007 00:46	10.55	48.598	31.56	8.72	7.97	3.1	2.45
726	2/10/2007 01:01	10.53	48.644	31.6	8.74	7.97	2.8	2.50
727	2/10/2007 01:16	10.52	48.651	31.6	8.76	7.97	3.0	2.55
728	2/10/2007 01:31	10.54	48.664	31.61	8.81	7.98	3.0	2.61
729	2/10/2007 01:46	10.5	48.885	31.77	8.78	7.98	2.9	2.67
730	2/10/2007 02:01	10.5	49.005	31.85	8.8	7.98	3.0	2.74
731	2/10/2007 02:16	10.51	49.068	31.9	8.82	7.98	3.1	2.79
732	2/10/2007 02:31	10.55	49.085	31.91	8.85	7.98	3.1	2.86
733	2/10/2007 02:46	10.57	49.155	31.97	8.9	7.99	3.4	2.91
734	2/10/2007 03:01	10.58	49.181	31.99	8.91	7.99	3.2	2.97
735	2/10/2007 03:16	10.59	49.183	31.99	8.92	7.99	3.9	3.02
736	2/10/2007 03:31	10.6	49.183	31.99	8.93	7.99	3.3	3.06
737	2/10/2007 03:46	10.61	49.214	32.01	8.97	7.99	3.4	3.09
738	2/10/2007 04:01	10.62	49.231	32.02	8.98	7.99	3.6	3.13
739	2/10/2007 04:16	10.62	49.263	32.05	8.97	8	3.4	3.15
740	2/10/2007 04:31	10.62	49.164	31.98	8.75	7.99	1.7	3.16
741	2/10/2007 04:46	10.6	49.164	31.97	8.8	7.98	2.7	3.17
742	2/10/2007 05:01	10.61	49.234	32.03	8.85	7.99	2.8	3.16
743	2/10/2007 05:16	10.63	49.298	32.07	8.93	7.99	3.6	3.15
744	2/10/2007 05:31	10.63	49.313	32.08	8.9	7.99	3.1	3.11
745	2/10/2007 05:46	10.61	48.884	31.77	8.84	7.98	3.0	3.07
746	2/10/2007 06:01	10.61	48.609	31.58	8.67	7.97	2.7	3.04
747	2/10/2007 06:16	10.61	48.573	31.55	8.62	7.97	2.8	2.97
748	2/10/2007 06:31	10.62	48.652	31.61	8.64	7.97	2.7	2.91
749	2/10/2007 06:46	10.64	48.516	31.51	8.72	7.97	2.8	2.85
750	2/10/2007 07:01	10.66	48.218	31.3	8.73	7.97	2.7	2.79
751	2/10/2007 07:16	10.66	48.279	31.34	8.72	7.97	2.5	2.72
752	2/10/2007 07:31	10.68	48.077	31.2	8.68	7.96	2.7	2.64
753	2/10/2007 07:46	10.66	48.17	31.26	8.7	7.96	2.5	2.56
754	2/10/2007 08:01	10.65	48.178	31.27	8.63	7.96	2.5	2.50
755	2/10/2007 08:16	10.68	48.128	31.23	8.48	7.94	2.2	2.43
756	2/10/2007 08:31	10.67	48.069	31.19	8.41	7.94	2.4	2.36
757	2/10/2007 08:46	10.69	48.048	31.18	8.32	7.92	2.4	2.28
758	2/10/2007 09:01	10.72	48.017	31.15	8.32	7.93	2.4	2.22
759	2/10/2007 09:16	10.75	47.878	31.06	8.4	7.93	2.5	2.14
760	2/10/2007 09:31	10.76	47.857	31.04	8.5	7.94	2.5	2.07
761	2/10/2007 09:46	10.78	47.884	31.06	8.58	7.95	2.6	2.00
762	2/10/2007 10:01	10.83	47.78	30.99	8.62	7.95	2.7	1.93
763	2/10/2007 10:16	10.86	47.828	31.03	8.61	7.95	2.5	1.88
764	2/10/2007 10:31	10.91	47.763	30.98	8.69	7.96	2.8	1.82
765	2/10/2007 10:46	10.95	47.649	30.9	8.71	7.96	2.5	1.77
766	2/10/2007 11:01	10.99	47.675	30.92	8.73	7.96	2.7	1.71
767	2/10/2007 11:16	11.04	47.586	30.86	8.74	7.97	2.5	1.66

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
			SpCond	Salinity	DO Conc		Turbidity+	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	Depth meters
768	2/10/2007 11:31	11.08	47.572	30.85	8.72	7.97	3.0	1.64
769	2/10/2007 11:46	11.11	47.557	30.84	8.66	7.97	2.8	1.61
770	2/10/2007 12:01	11.04	47.634	30.9	8.59	7.96	2.5	1.61
771	2/10/2007 12:16	11.18	47.503	30.81	8.74	7.96	3.4	1.61
772	2/10/2007 12:31	11.16	47.556	30.85	8.76	7.97	2.8	1.60
773	2/10/2007 12:46	11.04	47.665	30.92	8.66	7.96	4.0	1.63
774	2/10/2007 13:01	11.04	47.66	30.92	8.64	7.96	2.9	1.66
775	2/10/2007 13:16	10.97	47.659	30.91	8.6	7.95	3.0	1.70
776	2/10/2007 13:31	10.94	47.51	30.8	8.57	7.95	3.1	1.74
777	2/10/2007 13:46	10.91	47.393	30.72	8.55	7.94	3.3	1.77
778	2/10/2007 14:01	10.91	47.231	30.6	8.57	7.95	3.6	1.83
779	2/10/2007 14:16	10.87	47.271	30.63	8.54	7.94	3.2	1.86
780	2/10/2007 14:31	10.84	47.375	30.7	8.49	7.94	3.2	1.90
781	2/10/2007 14:46	10.83	47.377	30.7	8.49	7.94	3.1	1.94
782	2/10/2007 15:01	10.82	47.436	30.74	8.48	7.94	3.1	1.98
783	2/10/2007 15:16	10.79	47.491	30.78	8.51	7.94	3.1	2.02
784	2/10/2007 15:31	10.84	47.44	30.75	8.57	7.95	3.1	2.06
785	2/10/2007 15:46	10.85	47.556	30.83	8.59	7.95	3.1	2.10
786	2/10/2007 16:01	10.88	47.616	30.87	8.63	7.95	3.1	2.15
787	2/10/2007 16:16	10.9	47.607	30.87	8.65	7.95	3.1	2.19
788	2/10/2007 16:31	10.89	47.716	30.95	8.64	7.95	5.0	2.21
789	2/10/2007 16:46	10.9	47.722	30.95	8.68	7.96	2.9	2.25
790	2/10/2007 17:01	10.9	47.609	30.87	8.69	7.96	2.9	2.31
791	2/10/2007 17:16	10.91	47.509	30.8	8.7	7.96	3.1	2.33
792	2/10/2007 17:31	10.87	47.656	30.9	8.67	7.96	2.8	2.35
793	2/10/2007 17:46	10.84	47.787	31	8.63	7.96	2.8	2.42
794	2/10/2007 18:01	10.81	47.917	31.09	8.69	7.96	2.8	2.45
795	2/10/2007 18:16	10.79	47.996	31.14	8.47	7.95	1.8	2.44
796	2/10/2007 18:31	10.77	48.096	31.21	8.44	7.94	1.3	2.47
797	2/10/2007 18:46	10.77	48.099	31.22	8.55	7.95	1.9	2.46
798	2/10/2007 19:01	10.77	48.117	31.23	8.56	7.95	1.7	2.45
799	2/10/2007 19:16	10.82	47.833	31.03	8.61	7.95	2.5	2.47
800	2/10/2007 19:31	10.81	47.863	31.05	8.59	7.95	2.2	2.47
801	2/10/2007 19:46	10.8	47.96	31.12	8.58	7.95	2.4	2.43
802	2/10/2007 20:01	10.81	47.942	31.11	8.65	7.95	2.5	2.39
803	2/10/2007 20:16	10.82	47.85	31.04	8.65	7.95	2.8	2.37
804	2/10/2007 20:31	10.84	47.739	30.96	8.66	7.95	2.4	2.36
805	2/10/2007 20:46	10.85	47.664	30.91	8.62	7.95	2.6	2.33
806	2/10/2007 21:01	10.86	47.483	30.78	8.61	7.94	2.5	2.30
807	2/10/2007 21:16	10.84	47.612	30.87	8.47	7.94	1.7	2.29
808	2/10/2007 21:31	10.86	47.493	30.79	8.52	7.94	2.5	2.30
809	2/10/2007 21:46	10.88	47.455	30.76	8.51	7.94	2.5	2.28
810	2/10/2007 22:01	10.88	47.426	30.74	8.38	7.93	1.3	2.26
811	2/10/2007 22:16	10.9	47.376	30.7	8.45	7.93	2.5	2.26
812	2/10/2007 22:31	10.9	47.359	30.69	8.57	7.94	6.1	2.29
813	2/10/2007 22:46	10.91	47.335	30.67	8.26	7.92	1.9	2.28
814	2/10/2007 23:01	10.88	47.415	30.73	8.46	7.93	2.3	2.29
815	2/10/2007 23:16	10.88	47.376	30.7	8.54	7.94	3.3	2.31

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	2/10/2007 23:31	10.87	47.42	30.73	8.56	7.94	3.6	2.35
817	2/10/2007 23:46	10.86	47.528	30.81	8.55	7.94	3.1	2.35
818	2/11/2007 00:01	10.86	47.526	30.81	8.53	7.94	3.0	2.35
819	2/11/2007 00:16	10.85	47.581	30.85	8.51	7.94	3.4	2.39
820	2/11/2007 00:31	10.85	47.534	30.81	8.59	7.94	3.4	2.41
821	2/11/2007 00:46	10.83	47.437	30.74	8.63	7.94	3.4	2.44
822	2/11/2007 01:01	10.82	47.386	30.71	8.71	7.95	3.3	2.48
823	2/11/2007 01:16	10.8	47.414	30.73	8.71	7.95	3.4	2.52
824	2/11/2007 01:31	10.83	47.198	30.57	8.78	7.95	4.2	2.56
825	2/11/2007 01:46	10.82	47.497	30.79	8.81	7.95	4.1	2.61
826	2/11/2007 02:01	10.83	47.549	30.82	8.84	7.96	4.0	2.66
827	2/11/2007 02:16	10.84	47.522	30.81	8.87	7.96	4.1	2.72
828	2/11/2007 02:31	10.84	47.584	30.85	8.88	7.96	3.8	2.76
829	2/11/2007 02:46	10.82	47.667	30.91	8.82	7.96	3.8	2.81
830	2/11/2007 03:01	10.8	47.843	31.03	8.77	7.95	3.8	2.87
831	2/11/2007 03:16	10.82	47.738	30.96	8.85	7.96	3.6	2.92
832	2/11/2007 03:31	10.84	47.561	30.83	8.92	7.97	3.9	2.98
833	2/11/2007 03:46	10.84	47.529	30.81	8.92	7.97	3.9	3.00
834	2/11/2007 04:01	10.85	47.701	30.93	8.94	7.97	3.6	3.04
835	2/11/2007 04:16	10.84	47.8	31.01	8.93	7.97	3.8	3.08
836	2/11/2007 04:31	10.86	47.931	31.1	8.95	7.97	3.4	3.10
837	2/11/2007 04:46	10.85	47.949	31.11	8.91	7.97	3.5	3.16
838	2/11/2007 05:01	10.85	48.011	31.16	8.9	7.97	3.3	3.17
839	2/11/2007 05:16	10.85	48.196	31.29	8.77	7.97	2.9	3.19
840	2/11/2007 05:31	10.85	48.165	31.27	8.73	7.96	2.4	3.21
841	2/11/2007 05:46	10.95	48.071	31.21	8.7	7.96	3.0	3.19
842	2/11/2007 06:01	10.87	48.103	31.22	8.73	7.96	3.4	3.20
843	2/11/2007 06:16	10.84	48.036	31.17	8.73	7.96	3.1	3.17
844	2/11/2007 06:31	10.9	47.798	31.01	8.66	7.95	2.7	3.14
845	2/11/2007 06:46	10.8	47.752	30.97	8.62	7.94	2.7	3.10
846	2/11/2007 07:01	10.78	47.7	30.93	8.62	7.94	2.9	3.05
847	2/11/2007 07:16	10.78	47.685	30.92	8.62	7.94	3.2	3.01
848	2/11/2007 07:31	10.79	47.639	30.89	8.63	7.94	2.9	2.94
849	2/11/2007 07:46	10.76	47.195	30.57	8.67	7.94	3.9	2.88
850	2/11/2007 08:01	10.77	47.335	30.67	8.62	7.94	3.7	2.81
851	2/11/2007 08:16	10.79	47.002	30.43	8.59	7.93	3.7	2.75
852	2/11/2007 08:31	10.76	46.821	30.3	8.58	7.93	3.4	2.67
853	2/11/2007 08:46	10.77	46.821	30.3	8.59	7.93	3.8	2.60
854	2/11/2007 09:01	10.78	46.232	29.88	8.61	7.93	4.5	2.52
855	2/11/2007 09:16	10.74	45.964	29.68	8.56	7.92	4.5	2.45
856	2/11/2007 09:31	10.76	45.864	29.61	8.55	7.91	4.7	2.37
857	2/11/2007 09:46	10.81	45.855	29.61	8.6	7.91	4.0	2.29
858	2/11/2007 10:01	10.82	45.56	29.4	8.68	7.92	4.6	2.20
859	2/11/2007 10:16	10.84	45.32	29.23	8.85	7.93	6.0	2.14
860	2/11/2007 10:31	10.91	45.166	29.12	8.76	7.92	5.2	2.06
861	2/11/2007 10:46	11	45.504	29.37	9.01	7.94	4.9	1.97
862	2/11/2007 11:01	11.16	45.651	29.48	8.94	7.95	4.4	1.89
863	2/11/2007 11:16	11.69	45.182	29.17	8.91	7.95	3.5	1.82

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	
864	2/11/2007 11:31	11.48	45.523	29.4	9.06	7.96	4.5	1.76	
865	2/11/2007 11:46	12.21	44.836	28.94	8.96	7.96	3.6	1.67	
866	2/11/2007 12:01	11.91	45.238	29.22	9.14	7.97	2.9	1.62	
867	2/11/2007 12:16	11.92	45.188	29.18	9.12	7.97	3.0	1.57	
868	2/11/2007 12:31	12	45.092	29.12	9	7.96	3.0	1.53	
869	2/11/2007 12:46	12.05	45.086	29.11	9.01	7.97	3.1	1.49	
870	2/11/2007 13:01	11.96	45.068	29.1	8.93	7.96	3.8	1.48	
871	2/11/2007 13:16	11.88	45.093	29.11	8.9	7.95	4.0	1.50	
872	2/11/2007 13:31	11.88	44.745	28.86	8.87	7.94	4.1	1.49	
873	2/11/2007 13:46	11.74	44.862	28.94	8.81	7.94	4.3	1.51	
874	2/11/2007 14:01	11.63	45.329	29.27	8.67	7.93	3.9	1.55	
875	2/11/2007 14:16	11.65	45.01	29.04	8.7	7.93	4.4	1.58	
876	2/11/2007 14:31	11.59	44.977	29.02	8.63	7.93	4.5	1.61	
877	2/11/2007 14:46	11.55	45.243	29.21	8.57	7.92	6.3	1.65	
878	2/11/2007 15:01	11.56	45.184	29.16	8.58	7.92	4.7	1.70	
879	2/11/2007 15:16	11.58	44.714	28.83	8.61	7.92	5.2	1.73	
880	2/11/2007 15:31	11.52	45.033	29.05	8.52	7.92	5.0	1.77	
881	2/11/2007 15:46	11.51	44.319	28.54	8.55	7.91	6.5	1.82	
882	2/11/2007 16:01	11.5	45.018	29.04	8.49	7.91	5.0	1.86	
883	2/11/2007 16:16	11.48	44.838	28.91	8.5	7.91	4.9	1.92	
884	2/11/2007 16:31	11.46	44.829	28.91	8.49	7.91	5.5	1.96	
885	2/11/2007 16:46	11.46	44.949	28.99	8.47	7.91	4.9	2.01	
886	2/11/2007 17:01	11.49	44.621	28.76	8.53	7.91	6.0	2.06	
887	2/11/2007 17:16	11.43	45.111	29.11	8.48	7.91	4.5	2.11	
888	2/11/2007 17:31	11.43	44.765	28.86	8.51	7.91	5.5	2.15	
889	2/11/2007 17:46	11.42	44.747	28.84	8.54	7.91	6.3	2.19	
890	2/11/2007 18:01	11.34	45.465	29.35	8.44	7.91	4.7	2.24	
891	2/11/2007 18:16	11.37	45.541	29.41	8.47	7.91	4.5	2.28	
892	2/11/2007 18:31	11.37	45.642	29.48	8.45	7.91	4.9	2.31	
893	2/11/2007 18:46	11.36	46.003	29.74	8.44	7.92	5.0	2.36	
894	2/11/2007 19:01	11.36	46.062	29.78	8.45	7.92	3.9	2.39	
895	2/11/2007 19:16	11.35	46.242	29.91	8.46	7.92	4.0	2.44	
896	2/11/2007 19:31	11.35	46.24	29.91	8.43	7.92	4.0	2.45	
897	2/11/2007 19:46	11.36	46.038	29.77	8.38	7.92	2.6	2.47	
898	2/11/2007 20:01	11.39	45.352	29.28	8.28	7.91	3.1	2.49	
899	2/11/2007 20:16	11.37	45.653	29.49	8.34	7.91	3.1	2.50	
900	2/11/2007 20:31	11.36	45.984	29.73	8.3	7.91	3.2	2.50	
901	2/11/2007 20:46	11.35	46.267	29.93	8.35	7.92	4.0	2.50	
902	2/11/2007 21:01	11.36	46.131	29.83	8.4	7.92	3.3	2.49	
903	2/11/2007 21:16	11.36	45.934	29.69	8.39	7.92	3.3	2.47	
904	2/11/2007 21:31	11.37	45.571	29.43	8.5	7.92	3.9	2.45	
905	2/11/2007 21:46	11.36	45.496	29.38	8.46	7.91	3.4	2.42	
906	2/11/2007 22:01	11.42	45.409	29.32	8.34	7.91	3.9	2.41	
907	2/11/2007 22:16	11.41	45.287	29.23	8.34	7.91	3.7	2.40	
908	2/11/2007 22:31	11.54	44.105	28.39	8.58	7.92	4.7	2.37	
909	2/11/2007 22:46	11.62	43.937	28.28	8.68	7.93	4.1	2.36	
910	2/11/2007 23:01	11.52	44.456	28.64	8.6	7.92	3.7	2.35	
911	2/11/2007 23:16	11.62	44.149	28.43	8.55	7.92	2.8	2.34	

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	2/11/2007 23:31	11.59	44.217	28.47	8.53	7.92	3.1	2.33
913	2/11/2007 23:46	11.42	44.665	28.79	8.44	7.91	4.5	2.34
914	2/12/2007 00:01	11.42	45.008	29.03	8.46	7.91	4.1	2.36
915	2/12/2007 00:16	11.4	45.035	29.05	8.48	7.91	4.4	2.35
916	2/12/2007 00:31	11.41	44.946	28.99	8.49	7.91	4.5	2.38
917	2/12/2007 00:46	11.37	45.181	29.15	8.46	7.91	4.6	2.40
918	2/12/2007 01:01	11.35	45.43	29.33	8.46	7.91	4.4	2.42
919	2/12/2007 01:16	11.34	45.653	29.49	8.44	7.91	4.0	2.45
920	2/12/2007 01:31	11.31	45.851	29.63	8.43	7.91	4.2	2.49
921	2/12/2007 01:46	11.28	45.825	29.61	8.44	7.91	4.4	2.53
922	2/12/2007 02:01	11.27	46.07	29.78	8.46	7.91	3.9	2.55
923	2/12/2007 02:16	11.25	46.16	29.85	8.48	7.92	3.7	2.61
924	2/12/2007 02:31	11.24	46.154	29.84	8.51	7.92	3.9	2.64
925	2/12/2007 02:46	11.25	45.862	29.63	8.54	7.92	4.2	2.69
926	2/12/2007 03:01	11.24	45.683	29.51	8.57	7.92	4.5	2.74
927	2/12/2007 03:16	11.22	45.923	29.68	8.57	7.92	4.3	2.78
928	2/12/2007 03:31	11.2	46.282	29.93	8.57	7.92	3.9	2.84
929	2/12/2007 03:46	11.2	46.321	29.96	8.6	7.93	4.2	2.88
930	2/12/2007 04:01	11.2	46.446	30.05	8.62	7.93	3.9	2.91
931	2/12/2007 04:16	11.22	46.499	30.09	8.65	7.93	3.9	2.98
932	2/12/2007 04:31	11.23	46.59	30.16	8.69	7.94	4.2	3.02
933	2/12/2007 04:46	11.24	46.696	30.23	8.73	7.95	3.6	3.07
934	2/12/2007 05:01	11.25	46.665	30.21	8.75	7.95	4.1	3.11
935	2/12/2007 05:16	11.25	46.579	30.15	8.74	7.95	4.2	3.15
936	2/12/2007 05:31	11.27	46.805	30.31	8.76	7.95	3.9	3.18
937	2/12/2007 05:46	11.29	46.763	30.28	8.79	7.96	4.5	3.20
938	2/12/2007 06:01	11.3	46.873	30.36	8.72	7.96	2.8	3.23
939	2/12/2007 06:16	11.27	46.877	30.36	8.65	7.95	3.1	3.25
940	2/12/2007 06:31	11.29	47.019	30.47	8.64	7.96	3.3	3.25
941	2/12/2007 06:46	11.29	47.088	30.52	8.67	7.96	3.2	3.23
942	2/12/2007 07:01	11.28	47.093	30.52	8.68	7.96	3.0	3.23
943	2/12/2007 07:16	11.25	46.83	30.33	8.6	7.94	3.7	3.20
944	2/12/2007 07:31	11.26	46.802	30.31	8.6	7.94	3.1	3.15
945	2/12/2007 07:46	11.22	46.555	30.13	8.58	7.93	3.4	3.11
946	2/12/2007 08:01	11.21	46.529	30.11	8.61	7.93	3.6	3.06
947	2/12/2007 08:16	11.2	46.511	30.1	8.57	7.93	4.4	2.99
948	2/12/2007 08:31	11.18	46.066	29.78	8.5	7.92	4.4	2.93
949	2/12/2007 08:46	11.09	43.595	28.01	8.43	7.88	5.4	2.86
950	2/12/2007 09:01	11.17	43.462	27.92	8.45	7.88	5.5	2.80
951	2/12/2007 09:16	11.34	43.717	28.11	8.45	7.89	5.1	2.72
952	2/12/2007 09:31	11.29	43.168	27.72	8.5	7.88	5.8	2.65
953	2/12/2007 09:46	11.02	43.208	27.73	8.6	7.88	6.1	2.57
954	2/12/2007 10:01	10.96	42.825	27.46	8.63	7.88	6.0	2.49
955	2/12/2007 10:16	10.97	43.172	27.7	8.61	7.88	5.4	2.41
956	2/12/2007 10:31	10.96	43.89	28.21	8.63	7.89	5.6	2.32
957	2/12/2007 10:46	11	43.76	28.12	8.63	7.89	6.1	2.24
958	2/12/2007 11:01	11.09	44.358	28.55	8.6	7.89	4.4	2.14
959	2/12/2007 11:16	11.17	44.42	28.6	8.59	7.9	4.5	2.05

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	
960	2/12/2007 11:31	11.85	43.595	28.04	8.49	7.9	4.7	1.96	
961	2/12/2007 11:46	11.89	43.595	28.04	8.69	7.92	4.6	1.87	
962	2/12/2007 12:01	11.39	44.148	28.42	8.75	7.91	4.6	1.77	
963	2/12/2007 12:16	11.41	44.22	28.47	8.77	7.93	5.0	1.67	
964	2/12/2007 12:31	12.7	42.815	27.52	8.62	7.94	5.2	1.57	
965	2/12/2007 12:46	12.84	42.685	27.43	8.61	7.94	5.1	1.50	
966	2/12/2007 13:01						5.0	1.49	
967	2/12/2007 13:16						4.1	1.43	
968	2/12/2007 13:31						4.0	1.38	
969	2/12/2007 13:46						2.1	1.36	
970	2/12/2007 14:01						5.5	1.34	
971	2/12/2007 14:16						5.2	1.35	
972	2/12/2007 14:31						6.0	1.34	
973	2/12/2007 14:46						4.2	1.34	
974	2/12/2007 15:01						5.5	1.41	
975	2/12/2007 15:16						5.0	1.43	
976	2/12/2007 15:31						5.5	1.50	
977	2/12/2007 15:46						5.5	1.54	
978	2/12/2007 16:01						5.5	1.58	
979	2/12/2007 16:16						5.8	1.64	
980	2/12/2007 16:31						5.9	1.71	
981	2/12/2007 16:46						5.3	1.76	
982	2/12/2007 17:01						5.2	1.82	
983	2/12/2007 17:16						5.5	1.88	
984	2/12/2007 17:31						5.6	1.95	
985	2/12/2007 17:46						5.8	2.00	
986	2/12/2007 18:01						5.5	2.02	
987	2/12/2007 18:16						6.3	2.13	
988	2/12/2007 18:31						5.9	2.18	
989	2/12/2007 18:46						5.8	2.24	
990	2/12/2007 19:01						6.1	2.31	
991	2/12/2007 19:16						6.3	2.37	
992	2/12/2007 19:31						6.1	2.42	
993	2/12/2007 19:46						5.9	2.46	
994	2/12/2007 20:01						5.5	2.50	
995	2/12/2007 20:16						5.5	2.55	
996	2/12/2007 20:31						5.1	2.60	
997	2/12/2007 20:46						4.9	2.62	
998	2/12/2007 21:01						4.1	2.58	
999	2/12/2007 21:16						1.4	2.68	
1000	2/12/2007 21:31						2.8	2.69	
1001	2/12/2007 21:46						1.9	2.70	
1002	2/12/2007 22:01						3.6	2.69	
1003	2/12/2007 22:16						4.1	2.68	
1004	2/12/2007 22:31						3.6	2.65	
1005	2/12/2007 22:46						4.2	2.64	
1006	2/12/2007 23:01						3.9	2.61	
1007	2/12/2007 23:16						3.9	2.57	

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	2/12/2007 23:31						4.7	2.54
1009	2/12/2007 23:46						3.5	2.51
1010	2/13/2007 00:01						4.3	2.49
1011	2/13/2007 00:16						3.6	2.47
1012	2/13/2007 00:31						4.0	2.44
1013	2/13/2007 00:46						3.9	2.46
1014	2/13/2007 01:01						4.2	2.45
1015	2/13/2007 01:16						2.0	2.45
1016	2/13/2007 01:31						4.6	2.45
1017	2/13/2007 01:46						5.0	2.47
1018	2/13/2007 02:01						4.8	2.49
1019	2/13/2007 02:16						4.7	2.48
1020	2/13/2007 02:31						4.9	2.54
1021	2/13/2007 02:46						5.0	2.56
1022	2/13/2007 03:01						4.7	2.60
1023	2/13/2007 03:16						5.9	2.62
1024	2/13/2007 03:31						4.5	2.67
1025	2/13/2007 03:46						4.5	2.72
1026	2/13/2007 04:01						4.7	2.77
1027	2/13/2007 04:16						4.4	2.81
1028	2/13/2007 04:31						4.7	2.86
1029	2/13/2007 04:46						4.5	2.92
1030	2/13/2007 05:01						5.1	2.98
1031	2/13/2007 05:16						5.4	3.04
1032	2/13/2007 05:31						4.9	3.09
1033	2/13/2007 05:46						5.3	3.17
1034	2/13/2007 06:01						5.3	3.22
1035	2/13/2007 06:16						5.4	3.26
1036	2/13/2007 06:31						4.9	3.29
1037	2/13/2007 06:46						5.2	3.36
1038	2/13/2007 07:01						5.1	3.36
1039	2/13/2007 07:16						4.8	3.40
1040	2/13/2007 07:31						3.0	3.41
1041	2/13/2007 07:46						3.8	3.39
1042	2/13/2007 08:01						3.4	3.36
1043	2/13/2007 08:16						3.8	3.35
1044	2/13/2007 08:31						4.1	3.32
1045	2/13/2007 08:46						4.4	3.27
1046	2/13/2007 09:01						4.2	3.20
1047	2/13/2007 09:16						6.0	3.13
1048	2/13/2007 09:31						4.9	3.05
1049	2/13/2007 09:46						5.4	2.96
1050	2/13/2007 10:01						5.1	2.87
1051	2/13/2007 10:16						4.8	2.79
1052	2/13/2007 10:31						4.8	2.69
1053	2/13/2007 10:46						4.7	2.58
1054	2/13/2007 11:01						3.8	2.50
1055	2/13/2007 11:16						6.5	2.40

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	2/13/2007 11:31						5.1	2.29
1057	2/13/2007 11:46						5.3	2.19
1058	2/13/2007 12:01						4.3	2.08
1059	2/13/2007 12:16						4.5	1.97
1060	2/13/2007 12:31						4.4	1.80
1061	2/13/2007 12:46						4.4	1.68
1062	2/13/2007 13:01						4.3	1.57
1063	2/13/2007 13:16						4.4	1.47
1064	2/13/2007 13:31						3.8	1.41
1065	2/13/2007 13:46						3.9	1.33
1066	2/13/2007 14:01						3.0	1.23
1067	2/13/2007 14:16						3.6	1.18
1068	2/13/2007 14:31						2.0	1.14
1069	2/13/2007 14:46						4.5	1.09
1070	2/13/2007 15:01						4.7	1.08
1071	2/13/2007 15:16						4.9	1.12
1072	2/13/2007 15:31						7.0	1.16
1073	2/13/2007 15:46						4.5	1.19
1074	2/13/2007 16:01						4.5	1.24
1075	2/13/2007 16:16						4.5	1.29
1076	2/13/2007 16:31						5.5	1.35
1077	2/13/2007 16:46						4.9	1.41
1078	2/13/2007 17:01						5.1	1.46
1079	2/13/2007 17:16						5.4	1.53
1080	2/13/2007 17:31						5.9	1.59
1081	2/13/2007 17:46						5.4	1.66
1082	2/13/2007 18:01						5.7	1.73
1083	2/13/2007 18:16						5.6	1.81
1084	2/13/2007 18:31						5.3	1.89
1085	2/13/2007 18:46						5.8	1.98
1086	2/13/2007 19:01						6.0	2.06
1087	2/13/2007 19:16						6.1	2.14
1088	2/13/2007 19:31						6.4	2.23
1089	2/13/2007 19:46						5.7	2.29
1090	2/13/2007 20:01						5.7	2.35
1091	2/13/2007 20:16						5.8	2.42
1092	2/13/2007 20:31						6.0	2.49
1093	2/13/2007 20:46						5.8	2.54
1094	2/13/2007 21:01						7.5	2.59
1095	2/13/2007 21:16						5.9	2.63
1096	2/13/2007 21:31						5.0	2.68
1097	2/13/2007 21:46						5.0	2.71
1098	2/13/2007 22:01						3.9	2.73
1099	2/13/2007 22:16						4.0	2.74
1100	2/13/2007 22:31						25.4	2.76
1101	2/13/2007 22:46						2.7	2.77
1102	2/13/2007 23:01						4.9	2.74
1103	2/13/2007 23:16						4.3	2.70

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	2/13/2007 23:31						5.3	2.69
1105	2/13/2007 23:46						5.8	2.65
1106	2/14/2007 00:01						4.2	2.59
1107	2/14/2007 00:16						4.5	2.53
1108	2/14/2007 00:31						4.5	2.49
1109	2/14/2007 00:46						4.4	2.46
1110	2/14/2007 01:01						4.9	2.42
1111	2/14/2007 01:16						4.8	2.39
1112	2/14/2007 01:31						4.1	2.37
1113	2/14/2007 01:46						2.8	2.34
1114	2/14/2007 02:01						2.4	2.31
1115	2/14/2007 02:16						4.0	2.33
1116	2/14/2007 02:31						4.2	2.32
1117	2/14/2007 02:46						4.7	2.32
1118	2/14/2007 03:01						4.6	2.34
1119	2/14/2007 03:16						5.0	2.38
1120	2/14/2007 03:31						4.4	2.34
1121	2/14/2007 03:46						4.9	2.37
1122	2/14/2007 04:01						4.3	2.42
1123	2/14/2007 04:16						4.9	2.52
1124	2/14/2007 04:31						4.9	2.59
1125	2/14/2007 04:46						5.2	2.63
1126	2/14/2007 05:01						5.0	2.68
1127	2/14/2007 05:16						5.3	2.75
1128	2/14/2007 05:31						5.2	2.81
1129	2/14/2007 05:46						5.1	2.88
1130	2/14/2007 06:01						6.0	2.94
1131	2/14/2007 06:16						5.6	3.02
1132	2/14/2007 06:31						6.3	3.07
1133	2/14/2007 06:46						6.0	3.14
1134	2/14/2007 07:01						6.0	3.19
1135	2/14/2007 07:16						5.4	3.17
1136	2/14/2007 07:31						5.8	3.21
1137	2/14/2007 07:46						5.8	3.25
1138	2/14/2007 08:01						6.5	3.41
1139	2/14/2007 08:16						7.0	3.44
1140	2/14/2007 08:31						6.3	3.45
1141	2/14/2007 08:46						4.9	3.47
1142	2/14/2007 09:01						6.1	3.47
1143	2/14/2007 09:16						5.2	3.48
1144	2/14/2007 09:31						7.2	3.44
1145	2/14/2007 09:46						6.1	3.37
1146	2/14/2007 10:01						5.9	3.29
1147	2/14/2007 10:16						6.9	3.21
1148	2/14/2007 10:31						6.3	3.11
1149	2/14/2007 10:46						7.8	2.99
1150	2/14/2007 11:01						5.0	2.90
1151	2/14/2007 11:16						4.1	2.79

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	2/14/2007 11:31						5.9	2.67
1153	2/14/2007 11:46						5.7	2.55
1154	2/14/2007 12:01						6.1	2.42
1155	2/14/2007 12:16						5.6	2.32
1156	2/14/2007 12:31						5.3	2.19
1157	2/14/2007 12:46						6.3	2.04
1158	2/14/2007 13:01						5.4	1.89
1159	2/14/2007 13:16						4.9	1.75
1160	2/14/2007 13:31						5.2	1.60
1161	2/14/2007 13:46						5.1	1.46
1162	2/14/2007 14:01						5.8	1.37
1163	2/14/2007 14:16						5.0	1.21
1164	2/14/2007 14:31						5.4	1.11
1165	2/14/2007 14:46						5.6	1.02
1166	2/14/2007 15:01						4.6	0.95
1167	2/14/2007 15:16						4.1	0.87
1168	2/14/2007 15:31						4.0	0.87
1169	2/14/2007 15:46						4.7	0.89
1170	2/14/2007 16:01						4.7	0.92
1171	2/14/2007 16:16						4.7	0.96
1172	2/14/2007 16:31						4.2	0.98
1173	2/14/2007 16:46						4.9	1.07
1174	2/14/2007 17:01						4.7	1.10
1175	2/14/2007 17:16						4.9	1.18
1176	2/14/2007 17:31						5.2	1.24
1177	2/14/2007 17:46						5.2	1.30
1178	2/14/2007 18:01						5.9	1.37
1179	2/14/2007 18:16						5.9	1.44
1180	2/14/2007 18:31						5.5	1.52
1181	2/14/2007 18:46						5.6	1.59
1182	2/14/2007 19:01						6.2	1.72
1183	2/14/2007 19:16						6.7	1.81
1184	2/14/2007 19:31						6.8	1.91
1185	2/14/2007 19:46						6.3	2.00
1186	2/14/2007 20:01						6.9	2.11
1187	2/14/2007 20:16						6.9	2.20
1188	2/14/2007 20:31						7.1	2.28
1189	2/14/2007 20:46						6.5	2.36
1190	2/14/2007 21:01						7.3	2.44
1191	2/14/2007 21:16						10.2	2.54
1192	2/14/2007 21:31						9.6	2.58
1193	2/14/2007 21:46						9.7	2.66
1194	2/14/2007 22:01						6.8	2.62
1195	2/14/2007 22:16						7.7	2.74
1196	2/14/2007 22:31						8.8	2.80
1197	2/14/2007 22:46						9.9	2.83
1198	2/14/2007 23:01						3.3	2.74
1199	2/14/2007 23:16						4.1	2.76

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	2/14/2007 23:31						4.9	2.75
1201	2/14/2007 23:46						4.4	2.72
1202	2/15/2007 00:01						4.6	2.69
1203	2/15/2007 00:16						5.1	2.64
1204	2/15/2007 00:31						4.9	2.58
1205	2/15/2007 00:46						7.0	2.62
1206	2/15/2007 01:01						6.1	2.55
1207	2/15/2007 01:16						4.7	2.45
1208	2/15/2007 01:31						4.8	2.36
1209	2/15/2007 01:46						4.3	2.36
1210	2/15/2007 02:01						4.1	2.26
1211	2/15/2007 02:16						3.4	2.20
1212	2/15/2007 02:31						3.3	2.17
1213	2/15/2007 02:46						2.6	2.14
1214	2/15/2007 03:01						2.0	2.15
1215	2/15/2007 03:16						3.1	2.14
1216	2/15/2007 03:31						4.2	2.15
1217	2/15/2007 03:46						4.6	2.17
1218	2/15/2007 04:01						3.9	2.16
1219	2/15/2007 04:16						4.7	2.19
1220	2/15/2007 04:31						5.1	2.25
1221	2/15/2007 04:46						5.5	2.31
1222	2/15/2007 05:01						5.6	2.35
1223	2/15/2007 05:16						5.5	2.44
1224	2/15/2007 05:31						5.2	2.47
1225	2/15/2007 05:46						5.4	2.55
1226	2/15/2007 06:01						5.8	2.64
1227	2/15/2007 06:16						5.8	2.72
1228	2/15/2007 06:31						5.8	2.78
1229	2/15/2007 06:46						6.5	2.88
1230	2/15/2007 07:01						5.9	2.90
1231	2/15/2007 07:16						6.2	3.00
1232	2/15/2007 07:31						6.1	3.09
1233	2/15/2007 07:46						6.6	3.17
1234	2/15/2007 08:01						10.7	3.26
1235	2/15/2007 08:16						8.9	3.22
1236	2/15/2007 08:31						8.5	3.30
1237	2/15/2007 08:46						7.3	3.38
1238	2/15/2007 09:01						7.7	3.47
1239	2/15/2007 09:16						7.2	3.56
1240	2/15/2007 09:31						5.5	3.57
1241	2/15/2007 09:46						7.2	3.57
Mean		10.35	48.85	31.73	9.25	7.99	4.2	2.33
Standard Dev.		0.63	1.55	1.09	0.60	0.04	1.5	0.59

temperature probe malfunction caused distortion of data

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #4

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 #2		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	2/15/2007 10:01	11.09	46.358	29.98	8.88	8.06	5.7	3.34
1	2/15/2007 10:16	11.09	46.456	30.05	8.71	8.06	5.9	3.28
2	2/15/2007 10:31	11.13	44.515	28.67	8.48	8.01	5.8	3.24
3	2/15/2007 10:46	11.13	44.448	28.62	8.44	8.02	4.2	3.17
4	2/15/2007 11:01	11.11	45.05	29.05	8.47	8.03	5.1	3.09
5	2/15/2007 11:16	11.16	44.183	28.43	8.27	8	5.1	2.99
6	2/15/2007 11:31	11.15	44.668	28.78	8.38	8.02	5.2	2.89
7	2/15/2007 11:46	11.24	43.837	28.19	8.33	7.99	5.3	2.79
8	2/15/2007 12:01	11.28	43.848	28.2	8.46	8.01	3.7	2.65
9	2/15/2007 12:16	11.31	43.71	28.1	8.52	8.01	3.3	2.55
10	2/15/2007 12:31	11.26	43.554	27.99	8.49	8	3.9	2.43
11	2/15/2007 12:46	11.28	43.417	27.89	8.39	7.99	4.8	2.28
12	2/15/2007 13:01	11.29	43.036	27.62	8.28	7.98	4.5	2.16
13	2/15/2007 13:16	11.3	43.156	27.71	8.4	7.99	5.1	2.03
14	2/15/2007 13:31	11.33	43.016	27.61	8.34	7.99	5.3	1.87
15	2/15/2007 13:46	11.42	42.819	27.47	8.52	8	6.1	1.71
16	2/15/2007 14:01	11.47	42.808	27.47	8.49	8	5.6	1.58
17	2/15/2007 14:16	11.51	42.461	27.22	8.61	8.01	5.4	1.41
18	2/15/2007 14:31	11.52	42.294	27.11	8.49	7.99	5.0	1.26
19	2/15/2007 14:46	11.51	42.039	26.92	8.35	7.98	5.0	1.11
20	2/15/2007 15:01	11.5	41.933	26.85	8.33	7.98	4.5	0.98
21	2/15/2007 15:16	11.55	41.892	26.82	8.41	7.99	4.2	0.82
22	2/15/2007 15:31	11.56	41.841	26.79	8.4	7.99	5.0	0.71
23	2/15/2007 15:46	11.6	41.643	26.65	8.33	7.99	7.2	0.62
24	2/15/2007 16:01	11.63	41.556	26.59	8.34	7.99	7.5	0.56
25	2/15/2007 16:16	11.63	41.688	26.68	8.4	7.99	8.1	0.56
26	2/15/2007 16:31	11.63	41.569	26.6	8.38	7.98	3.9	0.63
27	2/15/2007 16:46	11.64	41.552	26.58	8.41	7.99	3.7	0.67
28	2/15/2007 17:01	11.6	41.664	26.66	8.36	7.97	3.8	0.73
29	2/15/2007 17:16	11.57	40.598	25.91	8.38	7.96	5.3	0.79
30	2/15/2007 17:31	11.56	41.03	26.21	8.33	7.96	4.6	0.83
31	2/15/2007 17:46	11.55	40.913	26.13	8.26	7.95	4.2	0.87
32	2/15/2007 18:01	11.54	40.842	26.08	8.29	7.96	5.0	0.95
33	2/15/2007 18:16	11.52	41.096	26.26	8.27	7.96	4.7	1.02
34	2/15/2007 18:31	11.5	40.072	25.54	8.25	7.94	5.4	1.05
35	2/15/2007 18:46	11.46	40.672	25.96	8.24	7.94	5.1	1.16
36	2/15/2007 19:01	11.47	41.28	26.39	8.19	7.95	5.0	1.24
37	2/15/2007 19:16	11.42	40.806	26.05	8.2	7.94	5.6	1.34
38	2/15/2007 19:31	11.38	40.112	25.56	8.2	7.93	5.7	1.45
39	2/15/2007 19:46	11.35	40.629	25.92	8.18	7.93	6.4	1.56
40	2/15/2007 20:01	11.33	40.643	25.93	8.2	7.94	6.6	1.68
41	2/15/2007 20:16	11.31	41.319	26.41	8.19	7.94	6.0	1.78
42	2/15/2007 20:31	11.3	41.957	26.86	8.18	7.95	5.9	1.89
43	2/15/2007 20:46	11.3	42.193	27.03	8.18	7.95	6.0	1.99
44	2/15/2007 21:01	11.29	42.213	27.04	8.19	7.95	6.9	2.10
45	2/15/2007 21:16	11.29	42.513	27.25	8.21	7.96	7.1	2.19
46	2/15/2007 21:31	11.29	42.519	27.26	8.23	7.96	7.1	2.27
47	2/15/2007 21:46	11.28	42.662	27.36	8.28	7.97	9.3	2.35

sonde #2		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
48	2/15/2007 22:01	11.28	42.787	27.44	8.31	7.97	8.7	2.43
49	2/15/2007 22:16	11.27	43.05	27.63	8.34	7.98	9.5	2.51
50	2/15/2007 22:31	11.28	43.527	27.97	8.51	8	9.5	2.56
51	2/15/2007 22:46	11.28	43.762	28.14	8.57	8.01	8.6	2.62
52	2/15/2007 23:01	11.28	44.052	28.34	8.62	8.02	7.3	2.67
53	2/15/2007 23:16	11.28	44.284	28.51	8.63	8.02	7.5	2.70
54	2/15/2007 23:31	11.28	44.406	28.6	8.65	8.03	6.3	2.73
55	2/15/2007 23:46	11.28	44.386	28.58	8.57	8.02	4.3	2.75
56	2/16/2007 00:01	11.28	44.32	28.53	8.62	8.03	6.8	2.74
57	2/16/2007 00:16	11.28	44.513	28.67	8.54	8.02	4.4	2.74
58	2/16/2007 00:31	11.28	44.364	28.57	8.56	8.02	5.3	2.68
59	2/16/2007 00:46	11.28	43.619	28.04	8.45	8	5.4	2.62
60	2/16/2007 01:01	11.28	43.17	27.72	8.32	7.98	6.3	2.55
61	2/16/2007 01:16	11.29	42.461	27.21	8.07	7.95	6.1	2.47
62	2/16/2007 01:31	11.3	42.418	27.18	8.02	7.94	4.6	2.40
63	2/16/2007 01:46	11.3	42.442	27.2	8.02	7.94	4.7	2.33
64	2/16/2007 02:01	11.31	42.257	27.07	8	7.93	3.7	2.25
65	2/16/2007 02:16	11.31	41.944	26.85	7.92	7.92	4.4	2.17
66	2/16/2007 02:31	11.3	41.837	26.77	7.93	7.92	4.2	2.10
67	2/16/2007 02:46	11.29	41.363	26.44	7.9	7.91	4.2	2.04
68	2/16/2007 03:01	11.3	41.279	26.38	7.85	7.9	4.1	1.96
69	2/16/2007 03:16	11.31	41.099	26.25	7.81	7.9	3.8	1.91
70	2/16/2007 03:31	11.31	41.07	26.23	7.77	7.9	3.5	1.86
71	2/16/2007 03:46	11.31	41.054	26.22	7.75	7.89	3.4	1.82
72	2/16/2007 04:01	11.31	40.929	26.13	7.7	7.89	2.8	1.82
73	2/16/2007 04:16	11.3	41.143	26.28	7.79	7.9	3.2	1.79
74	2/16/2007 04:31	11.3	41.125	26.27	7.82	7.9	3.6	1.80
75	2/16/2007 04:46	11.3	41.072	26.23	7.85	7.9	3.4	1.84
76	2/16/2007 05:01	11.3	41.037	26.21	7.85	7.9	3.7	1.87
77	2/16/2007 05:16	11.29	41.435	26.49	7.89	7.91	4.3	1.92
78	2/16/2007 05:31	11.29	40.818	26.05	7.88	7.9	4.5	1.97
79	2/16/2007 05:46	11.28	41.017	26.19	7.93	7.91	4.8	2.05
80	2/16/2007 06:01	11.28	41.437	26.49	7.94	7.91	4.9	2.11
81	2/16/2007 06:16	11.28	41.724	26.69	8.04	7.93	4.8	2.17
82	2/16/2007 06:31	11.27	42.189	27.02	8.13	7.95	5.1	2.26
83	2/16/2007 06:46	11.27	42.627	27.33	8.23	7.96	5.6	2.34
84	2/16/2007 07:01	11.26	42.479	27.23	8.28	7.97	6.1	2.39
85	2/16/2007 07:16	11.26	42.734	27.41	8.33	7.97	5.7	2.48
86	2/16/2007 07:31	11.26	43.004	27.6	8.36	7.98	5.1	2.58
87	2/16/2007 07:46	11.25	43.735	28.12	8.43	8	5.6	2.64
88	2/16/2007 08:01	11.24	44.247	28.48	8.49	8.01	6.0	2.73
89	2/16/2007 08:16	11.23	44.81	28.88	8.57	8.02	9.4	2.82
90	2/16/2007 08:31	11.23	45.088	29.08	8.58	8.03	10.3	2.90
91	2/16/2007 08:46	11.22	45.199	29.16	8.62	8.03	9.0	2.99
92	2/16/2007 09:01	11.21	45.229	29.18	8.66	8.04	9.7	3.08
93	2/16/2007 09:16	11.19	45.739	29.54	8.7	8.05	13.7	3.16
94	2/16/2007 09:31	11.18	45.945	29.69	8.75	8.05	12.2	3.22
95	2/16/2007 09:46	11.17	46.197	29.87	8.78	8.06	10.0	3.30

sonde #2		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
96	2/16/2007 10:01	11.18	46.278	29.93	8.8	8.06	9.1	3.34
97	2/16/2007 10:16	11.18	46.409	30.02	8.81	8.06	8.1	3.38
98	2/16/2007 10:31	11.18	46.359	29.99	8.79	8.06	6.9	3.40
99	2/16/2007 10:46	11.18	46.385	30.01	8.73	8.06	6.8	3.41
100	2/16/2007 11:01	11.18	46.432	30.04	8.79	8.06	8.4	3.39
101	2/16/2007 11:16	11.19	46.29	29.94	8.79	8.06	7.7	3.33
102	2/16/2007 11:31	11.5	44.714	28.83	8.68	8.03	5.7	3.27
103	2/16/2007 11:46	11.38	45.149	29.13	8.69	8.03	6.5	3.18
104	2/16/2007 12:01	11.47	44.556	28.71	8.73	8.03	4.8	3.07
105	2/16/2007 12:16	11.52	44.193	28.45	8.68	8.02	6.5	2.96
106	2/16/2007 12:31	11.53	44.346	28.56	8.62	8.02	6.3	2.85
107	2/16/2007 12:46	11.71	43.427	27.92	8.69	8	4.4	2.70
108	2/16/2007 13:01	11.61	44.002	28.32	8.82	8.02	3.6	2.57
109	2/16/2007 13:16	11.63	43.461	27.94	8.69	8	5.1	2.44
110	2/16/2007 13:31	11.66	43.118	27.7	8.65	8	4.1	2.31
111	2/16/2007 13:46	11.72	43.108	27.69	8.6	8	3.9	2.16
112	2/16/2007 14:01	11.78	43.243	27.79	8.56	8.01	5.6	2.01
113	2/16/2007 14:16	11.8	42.409	27.2	8.68	7.99	5.4	1.87
114	2/16/2007 14:31	11.89	41.948	26.87	8.62	7.98	6.3	1.70
115	2/16/2007 14:46	11.91	41.759	26.74	8.65	7.98	7.4	1.54
116	2/16/2007 15:01	11.94	41.721	26.72	8.62	7.98	7.1	1.39
117	2/16/2007 15:16	11.98	41.376	26.47	8.61	7.97	6.6	1.21
118	2/16/2007 15:31	11.99	41.058	26.25	8.47	7.95	5.7	1.05
119	2/16/2007 15:46	12.03	40.875	26.12	8.44	7.95	5.2	0.89
120	2/16/2007 16:01	12.05	40.669	25.98	8.42	7.94	5.0	0.75
121	2/16/2007 16:16	12.08	40.583	25.92	8.39	7.94	5.3	0.61
122	2/16/2007 16:31	12.11	40.449	25.82	8.32	7.94	7.3	0.49
123	2/16/2007 16:46	12.13	40.292	25.71	8.33	7.94	7.9	0.46
124	2/16/2007 17:01	12.1	40.458	25.83	8.34	7.94	6.5	0.46
125	2/16/2007 17:16	12.05	40.623	25.94	8.38	7.94	4.8	0.50
126	2/16/2007 17:31	12.04	40.655	25.97	8.38	7.93	4.8	0.57
127	2/16/2007 17:46	12.04	40.555	25.9	8.34	7.93	4.8	0.63
128	2/16/2007 18:01	11.98	38.905	24.73	8.4	7.91	6.1	0.71
129	2/16/2007 18:16	11.98	38.578	24.51	8.36	7.9	7.0	0.78
130	2/16/2007 18:31	11.98	39.874	25.41	8.32	7.92	5.6	0.84
131	2/16/2007 18:46	11.98	40.075	25.56	8.33	7.92	5.9	0.88
132	2/16/2007 19:01	11.97	40.184	25.63	8.31	7.92	5.5	0.98
133	2/16/2007 19:16	11.95	39.881	25.42	8.31	7.91	5.7	1.06
134	2/16/2007 19:31	11.94	40.208	25.65	8.31	7.92	5.6	1.14
135	2/16/2007 19:46	11.92	40.03	25.52	8.31	7.91	5.6	1.26
136	2/16/2007 20:01	11.88	40.155	25.61	8.3	7.91	6.1	1.37
137	2/16/2007 20:16	11.85	39.843	25.39	8.32	7.91	7.0	1.48
138	2/16/2007 20:31	11.79	39.857	25.4	8.32	7.91	7.0	1.61
139	2/16/2007 20:46	11.78	40.489	25.84	8.33	7.92	6.7	1.72
140	2/16/2007 21:01	11.76	41.595	26.62	8.32	7.93	7.5	1.85
141	2/16/2007 21:16	11.74	41.677	26.68	8.33	7.94	8.2	1.95
142	2/16/2007 21:31	11.71	41.902	26.84	8.34	7.95	7.9	2.05
143	2/16/2007 21:46	11.69	42.027	26.92	8.36	7.95	8.9	2.16

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	2/16/2007 22:01	11.64	42.245	27.08	8.41	7.96	12.2	2.26
145	2/16/2007 22:16	11.62	42.547	27.29	8.43	7.96	12.1	2.35
146	2/16/2007 22:31	11.59	43.04	27.64	8.53	7.98	12.2	2.44
147	2/16/2007 22:46	11.56	43.662	28.08	8.7	8	13.3	2.53
148	2/16/2007 23:01	11.54	44.049	28.35	8.78	8.01	12.0	2.59
149	2/16/2007 23:16	11.53	44.292	28.53	8.84	8.02	12.9	2.65
150	2/16/2007 23:31	11.51	44.56	28.72	8.88	8.03	12.4	2.73
151	2/16/2007 23:46	11.48	44.667	28.79	8.89	8.03	11.4	2.77
152	2/17/2007 00:01	11.44	45.145	29.13	8.88	8.04	9.9	2.82
153	2/17/2007 00:16	11.41	45.345	29.27	8.87	8.04	9.2	2.85
154	2/17/2007 00:31	11.44	45.034	29.05	8.79	8.03	8.2	2.83
155	2/17/2007 00:46	11.41	45.251	29.2	8.84	8.04	8.7	2.82
156	2/17/2007 01:01	11.42	45.269	29.22	8.8	8.04	6.9	2.78
157	2/17/2007 01:16	11.52	43.48	27.95	8.46	7.97	7.4	2.70
158	2/17/2007 01:31	11.53	43.812	28.18	8.7	8.01	8.1	2.63
159	2/17/2007 01:46	11.57	43.153	27.72	8.48	7.97	10.1	2.56
160	2/17/2007 02:01	11.59	43.067	27.66	8.34	7.96	6.5	2.45
161	2/17/2007 02:16	11.6	42.97	27.59	8.25	7.95	5.8	2.35
162	2/17/2007 02:31	11.61	42.647	27.36	8.15	7.94	5.1	2.28
163	2/17/2007 02:46	11.62	42.089	26.96	8.1	7.92	5.5	2.18
164	2/17/2007 03:01	11.63	41.904	26.83	8.08	7.92	5.4	2.09
165	2/17/2007 03:16	11.65	41.514	26.56	8.05	7.91	5.3	2.01
166	2/17/2007 03:31	11.66	41.337	26.43	8.02	7.9	4.7	1.91
167	2/17/2007 03:46	11.67	41.087	26.26	7.95	7.89	4.5	1.85
168	2/17/2007 04:01	11.65	41.033	26.22	7.87	7.88	3.9	1.74
169	2/17/2007 04:16	11.67	40.823	26.07	7.87	7.88	4.0	1.68
170	2/17/2007 04:31	11.67	40.71	25.99	7.84	7.88	4.1	1.64
171	2/17/2007 04:46	11.67	40.616	25.93	7.84	7.87	4.0	1.58
172	2/17/2007 05:01	11.67	40.428	25.79	7.79	7.87	3.6	1.55
173	2/17/2007 05:16	11.68	40.948	26.16	7.87	7.88	4.2	1.56
174	2/17/2007 05:31	11.64	40.95	26.16	7.9	7.88	4.3	1.57
175	2/17/2007 05:46	11.66	41.119	26.28	7.95	7.89	4.6	1.61
176	2/17/2007 06:01	11.64	40.939	26.15	7.95	7.89	4.2	1.64
177	2/17/2007 06:16	11.63	40.887	26.12	7.99	7.89	4.7	1.73
178	2/17/2007 06:31	11.64	41.008	26.2	8.01	7.89	5.0	1.80
179	2/17/2007 06:46	11.64	41.266	26.38	8.03	7.9	5.3	1.90
180	2/17/2007 07:01	11.63	41.585	26.61	8.13	7.92	6.1	1.99
181	2/17/2007 07:16	11.6	41.986	26.89	8.2	7.93	5.7	2.06
182	2/17/2007 07:31	11.59	42.267	27.09	8.24	7.94	5.9	2.16
183	2/17/2007 07:46	11.58	42.475	27.24	8.3	7.95	6.7	2.23
184	2/17/2007 08:01	11.55	43.172	27.73	8.44	7.97	6.7	2.31
185	2/17/2007 08:16	11.53	43.466	27.94	8.5	7.98	6.9	2.40
186	2/17/2007 08:31	11.5	43.833	28.2	8.55	7.99	7.5	2.49
187	2/17/2007 08:46	11.46	44.207	28.46	8.63	8	8.6	2.56
188	2/17/2007 09:01	11.45	44.304	28.53	8.64	8	8.2	2.67
189	2/17/2007 09:16	11.42	44.521	28.68	8.68	8.01	8.8	2.76
190	2/17/2007 09:31	11.36	44.944	28.98	8.75	8.02	10.4	2.86
191	2/17/2007 09:46	11.31	45.25	29.2	8.78	8.03	11.6	2.94

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	2/17/2007 10:01	11.27	45.58	29.43	8.82	8.04	11.2	3.04
193	2/17/2007 10:16	11.23	45.908	29.67	8.86	8.04	11.1	3.13
194	2/17/2007 10:31	11.24	46.107	29.81	8.88	8.05	9.1	3.20
195	2/17/2007 10:46	11.21	46.414	30.03	8.89	8.05	8.9	3.26
196	2/17/2007 11:01	11.21	46.505	30.09	8.91	8.06	8.1	3.32
197	2/17/2007 11:16	11.21	46.558	30.13	8.9	8.06	7.5	3.35
198	2/17/2007 11:31	11.24	46.427	30.04	8.86	8.05	5.6	3.35
199	2/17/2007 11:46	11.22	46.606	30.17	8.87	8.06	7.3	3.37
200	2/17/2007 12:01	11.23	46.576	30.15	8.88	8.06	7.0	3.34
201	2/17/2007 12:16	11.27	46.483	30.08	8.85	8.06	7.7	3.29
202	2/17/2007 12:31	11.53	45.265	29.22	9.02	8.06	5.9	3.21
203	2/17/2007 12:46	11.63	45.408	29.33	8.95	8.04	7.1	3.09
204	2/17/2007 13:01	11.59	45.135	29.13	8.95	8.04	6.6	2.97
205	2/17/2007 13:16	11.61	44.687	28.81	8.88	8.03	6.3	2.85
206	2/17/2007 13:31	11.59	44.624	28.76	8.85	8.03	5.4	2.71
207	2/17/2007 13:46	11.58	44.639	28.78	8.92	8.03	5.3	2.56
208	2/17/2007 14:01	11.68	44.174	28.45	8.75	8.01	6.0	2.42
209	2/17/2007 14:16	11.71	43.594	28.04	8.71	8	5.1	2.29
210	2/17/2007 14:31	11.78	42.841	27.5	8.69	7.98	5.3	2.13
211	2/17/2007 14:46	11.8	42.76	27.45	8.63	7.98	6.5	1.95
212	2/17/2007 15:01	11.88	41.999	26.91	8.51	7.95	8.1	1.84
213	2/17/2007 15:16	11.86	42.517	27.28	8.61	7.98	7.3	1.68
214	2/17/2007 15:31	11.9	42.313	27.13	8.66	7.98	6.6	1.51
215	2/17/2007 15:46	11.97	41.7	26.7	8.58	7.96	7.8	1.34
216	2/17/2007 16:01	12.01	41.267	26.4	8.46	7.94	6.4	1.18
217	2/17/2007 16:16	12.03	41.097	26.28	8.43	7.93	6.4	1.02
218	2/17/2007 16:31	12.06	40.708	26	8.32	7.92	6.4	0.84
219	2/17/2007 16:46	12.09	40.453	25.83	8.29	7.91	5.6	0.69
220	2/17/2007 17:01	12.1	40.269	25.7	8.26	7.9	7.5	0.55
221	2/17/2007 17:16	12.11	40.053	25.54	8.18	7.89	9.7	0.45
222	2/17/2007 17:31	12.09	40.003	25.51	8.18	7.89	5.9	0.39
223	2/17/2007 17:46	12.09	40.158	25.62	8.21	7.89	6.9	0.39
224	2/17/2007 18:01	12.07	40.317	25.73	8.25	7.9	5.8	0.44
225	2/17/2007 18:16	12.08	40.391	25.78	8.23	7.9	6.5	0.54
226	2/17/2007 18:31	12.07	40.448	25.82	8.25	7.9	5.3	0.62
227	2/17/2007 18:46	11.95	38.284	24.3	8.32	7.87	8.7	0.73
228	2/17/2007 19:01	12.02	39.743	25.32	8.26	7.89	6.3	0.80
229	2/17/2007 19:16	12	39.475	25.13	8.27	7.88	6.4	0.87
230	2/17/2007 19:31	12.02	39.88	25.42	8.24	7.89	5.9	0.94
231	2/17/2007 19:46	12.01	39.938	25.46	8.23	7.89	5.8	1.02
232	2/17/2007 20:01	11.99	39.755	25.33	8.25	7.88	5.9	1.12
233	2/17/2007 20:16	11.99	39.841	25.39	8.24	7.88	5.7	1.21
234	2/17/2007 20:31	11.97	40.07	25.55	8.26	7.89	6.0	1.32
235	2/17/2007 20:46	11.92	40.516	25.86	8.31	7.9	6.8	1.43
236	2/17/2007 21:01	11.9	40.764	26.04	8.34	7.91	7.1	1.56
237	2/17/2007 21:16	11.9	41.362	26.46	8.37	7.92	7.8	1.68
238	2/17/2007 21:31	11.9	41.9	26.84	8.39	7.93	7.9	1.81
239	2/17/2007 21:46	11.87	41.968	26.89	8.42	7.94	8.6	1.93

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	2/17/2007 22:01	11.83	42.243	27.08	8.46	7.95	11.0	2.05
241	2/17/2007 22:16	11.76	42.271	27.1	8.5	7.95	11.0	2.16
242	2/17/2007 22:31	11.7	42.741	27.43	8.57	7.97	13.2	2.27
243	2/17/2007 22:46	11.68	43.08	27.67	8.62	7.97	12.2	2.36
244	2/17/2007 23:01	11.6	43.975	28.3	8.8	8	13.9	2.45
245	2/17/2007 23:16	11.55	44.524	28.69	8.87	8.01	13.9	2.55
246	2/17/2007 23:31	11.53	44.754	28.85	8.91	8.02	14.3	2.63
247	2/17/2007 23:46	11.5	45.173	29.15	8.93	8.03	15.3	2.72
248	2/18/2007 00:01	11.43	45.696	29.52	8.94	8.03	17.6	2.78
249	2/18/2007 00:16	11.35	46.085	29.8	8.93	8.04	15.8	2.84
250	2/18/2007 00:31	11.3	46.416	30.03	8.91	8.04	12.9	2.91
251	2/18/2007 00:46	11.26	46.646	30.2	8.9	8.04	9.5	2.93
252	2/18/2007 01:01	11.31	46.355	29.99	8.81	8.04	9.0	2.95
253	2/18/2007 01:16	11.24	46.771	30.29	8.84	8.04	8.9	2.93
254	2/18/2007 01:31	11.33	46.029	29.76	8.85	8.03	10.9	2.89
255	2/18/2007 01:46	11.4	45.112	29.11	8.75	8.01	13.7	2.81
256	2/18/2007 02:01	11.4	44.867	28.93	8.74	8.01	16.8	2.73
257	2/18/2007 02:16	11.4	44.935	28.98	8.76	8.01	15.0	2.63
258	2/18/2007 02:31	11.43	44.362	28.57	8.7	7.99	11.0	2.51
259	2/18/2007 02:46	11.52	43.672	28.08	8.5	7.97	10.9	2.42
260	2/18/2007 03:01	11.54	43.106	27.68	8.41	7.95	9.8	2.30
261	2/18/2007 03:16	11.56	42.718	27.41	8.39	7.94	8.4	2.20
262	2/18/2007 03:31	11.6	42.031	26.92	8.33	7.93	7.5	2.09
263	2/18/2007 03:46	11.61	41.602	26.62	8.3	7.91	6.8	1.99
264	2/18/2007 04:01	11.58	41.466	26.52	8.25	7.91	5.8	1.89
265	2/18/2007 04:16	11.57	41.223	26.35	8.22	7.9	6.7	1.79
266	2/18/2007 04:31	11.58	40.819	26.07	8.18	7.89	5.7	1.69
267	2/18/2007 04:46	11.56	40.768	26.03	8.15	7.88	5.9	1.59
268	2/18/2007 05:01	11.58	40.723	26	8.12	7.88	5.5	1.51
269	2/18/2007 05:16	11.62	40.679	25.97	8.1	7.87	5.4	1.44
270	2/18/2007 05:31	11.59	40.561	25.88	8.07	7.86	4.8	1.37
271	2/18/2007 05:46	11.6	40.478	25.83	8.04	7.86	5.3	1.33
272	2/18/2007 06:01	11.6	40.369	25.75	8.02	7.86	4.3	1.33
273	2/18/2007 06:16	11.57	40.512	25.85	8.03	7.86	4.1	1.33
274	2/18/2007 06:31	11.57	40.547	25.87	8.1	7.87	4.5	1.38
275	2/18/2007 06:46	11.56	40.581	25.9	8.1	7.87	5.3	1.42
276	2/18/2007 07:01	11.56	40.617	25.92	8.1	7.87	5.6	1.51
277	2/18/2007 07:16	11.54	40.486	25.83	8.13	7.87	6.3	1.60
278	2/18/2007 07:31	11.54	40.458	25.81	8.14	7.87	6.1	1.69
279	2/18/2007 07:46	11.58	40.695	25.98	8.16	7.88	6.5	1.79
280	2/18/2007 08:01	11.54	41.838	26.78	8.31	7.92	7.6	1.89
281	2/18/2007 08:16	11.49	41.517	26.55	8.36	7.92	6.2	1.98
282	2/18/2007 08:31	11.53	42.53	27.27	8.45	7.95	6.7	2.07
283	2/18/2007 08:46	11.5	42.719	27.41	8.51	7.95	7.5	2.17
284	2/18/2007 09:01	11.49	43.237	27.77	8.57	7.96	8.2	2.26
285	2/18/2007 09:16	11.47	43.484	27.95	8.59	7.97	8.8	2.35
286	2/18/2007 09:31	11.43	43.969	28.29	8.63	7.98	10.3	2.44
287	2/18/2007 09:46	11.36	44.277	28.51	8.69	7.99	12.8	2.54

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	2/18/2007 10:01	11.32	44.648	28.77	8.72	8	13.7	2.64
289	2/18/2007 10:16	11.28	44.956	28.99	8.74	8.01	14.7	2.75
290	2/18/2007 10:31	11.25	45.357	29.27	8.78	8.01	14.5	2.84
291	2/18/2007 10:46	11.19	46.005	29.73	8.81	8.02	17.7	2.93
292	2/18/2007 11:01	11.13	46.556	30.13	8.83	8.03	19.0	3.03
293	2/18/2007 11:16	11.08	46.845	30.33	8.83	8.04	17.5	3.11
294	2/18/2007 11:31	11.07	46.849	30.33	8.83	8.04	15.0	3.18
295	2/18/2007 11:46	11.07	47.06	30.48	8.82	8.04	12.5	3.25
296	2/18/2007 12:01	11.07	47.05	30.48	8.83	8.04	11.6	3.28
297	2/18/2007 12:16	11.05	47.092	30.51	8.82	8.04	8.9	3.31
298	2/18/2007 12:31	11.06	47.069	30.49	8.68	8.03	5.5	3.31
299	2/18/2007 12:46	11.07	47.093	30.51	8.79	8.04	13.1	3.28
300	2/18/2007 13:01	11.31	46.713	30.25	8.82	8.03	27.8	3.21
301	2/18/2007 13:16	11.3	46.876	30.36	8.85	8.04	29.4	3.13
302	2/18/2007 13:31	11.34	46.91	30.39	8.86	8.04	25.8	3.03
303	2/18/2007 13:46	11.36	46.716	30.25	8.85	8.03	26.1	2.90
304	2/18/2007 14:01	11.49	45.807	29.61	8.84	8.02	25.8	2.79
305	2/18/2007 14:16	11.64	44.529	28.7	8.65	7.98	45.4	2.66
306	2/18/2007 14:31	11.68	44.451	28.64	8.62	7.98	61.2	2.54
307	2/18/2007 14:46	11.73	43.959	28.3	8.64	7.97	55.4	2.41
308	2/18/2007 15:01	11.81	42.739	27.43	8.72	7.95	39.6	2.26
309	2/18/2007 15:16	11.79	42.931	27.57	8.73	7.96	40.7	2.12
310	2/18/2007 15:31	11.87	42.088	26.97	8.77	7.94	37.1	1.97
311	2/18/2007 15:46	11.9	42.071	26.96	8.69	7.93	46.4	1.81
312	2/18/2007 16:01	11.92	41.746	26.73	8.71	7.93	47.1	1.67
313	2/18/2007 16:16	11.91	41.444	26.52	8.7	7.92	47.3	1.52
314	2/18/2007 16:31	11.9	41.3	26.42	8.74	7.93	42.0	1.35
315	2/18/2007 16:46	11.9	41.208	26.35	8.78	7.93	41.8	1.19
316	2/18/2007 17:01	11.9	40.884	26.12	8.75	7.92	39.9	1.04
317	2/18/2007 17:16	11.88	40.775	26.05	8.71	7.91	36.0	0.88
318	2/18/2007 17:31	11.86	40.609	25.93	8.7	7.91	32.2	0.75
319	2/18/2007 17:46	11.82	40.474	25.83	8.7	7.91	33.9	0.62
320	2/18/2007 18:01	11.8	40.518	25.86	8.62	7.9	25.0	0.53
321	2/18/2007 18:16	11.71	40.588	25.91	8.6	7.91	29.4	0.48
322	2/18/2007 18:31	11.76	40.394	25.77	8.7	7.9	25.9	0.45
323	2/18/2007 18:46	11.78	40.377	25.76	8.69	7.9	26.4	0.50
324	2/18/2007 19:01	11.8	40.351	25.74	8.68	7.9	27.0	0.59
325	2/18/2007 19:16	11.81	40.385	25.77	8.66	7.9	27.1	0.66
326	2/18/2007 19:31	11.8	40.342	25.74	8.64	7.89	28.8	0.76
327	2/18/2007 19:46	11.78	40.254	25.68	8.7	7.89	25.3	0.86
328	2/18/2007 20:01	11.76	39.934	25.45	8.7	7.89	24.2	0.92
329	2/18/2007 20:16	11.82	39.605	25.22	8.71	7.89	23.0	1.03
330	2/18/2007 20:31	11.82	39.71	25.29	8.71	7.89	21.9	1.14
331	2/18/2007 20:46	11.85	40.046	25.53	8.66	7.89	21.2	1.24
332	2/18/2007 21:01	11.84	40.949	26.17	8.65	7.91	21.6	1.34
333	2/18/2007 21:16	11.8	41.407	26.49	8.69	7.92	19.8	1.45
334	2/18/2007 21:31	11.77	41.429	26.5	8.75	7.93	19.5	1.57
335	2/18/2007 21:46	11.76	41.433	26.51	8.78	7.94	19.2	1.70

sonde #2		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	2/18/2007 22:01	11.7	41.255	26.38	8.81	7.94	22.4	1.85
337	2/18/2007 22:16	11.61	41.278	26.39	8.85	7.95	18.0	1.98
338	2/18/2007 22:31	11.48	41.08	26.25	8.88	7.95	18.4	2.08
339	2/18/2007 22:46	11.63	42.767	27.44	8.78	7.96	28.6	2.18
340	2/18/2007 23:01	11.6	43.015	27.62	8.78	7.96	35.8	2.29
341	2/18/2007 23:16	11.5	43.492	27.95	8.82	7.98	42.5	2.40
342	2/18/2007 23:31	11.38	44.251	28.49	8.96	7.99	46.5	2.50
343	2/18/2007 23:46	11.31	44.83	28.9	8.98	8	32.7	2.60
344	2/19/2007 00:01	11.23	45.38	29.29	9.03	8.01	28.7	2.69
345	2/19/2007 00:16	11.14	46.035	29.75	9.07	8.02	30.6	2.78
346	2/19/2007 00:31	11.1	46.54	30.11	9.1	8.02	26.0	2.86
347	2/19/2007 00:46	11.05	46.986	30.43	9.12	8.03	23.5	2.94
348	2/19/2007 01:01	11.02	47.112	30.52	9.12	8.03	16.2	2.98
349	2/19/2007 01:16	10.99	47.452	30.76	9.11	8.03	15.9	3.03
350	2/19/2007 01:31	11.02	47.159	30.55	9.04	8.03	11.8	3.03
351	2/19/2007 01:46	10.98	47.745	30.97	9.07	8.04	13.7	3.02
352	2/19/2007 02:01	10.99	45.527	29.38	8.93	8.01	15.3	2.99
353	2/19/2007 02:16	10.98	44.84	28.89	8.91	8	16.1	2.90
354	2/19/2007 02:31	11.03	45.163	29.12	8.89	8	13.4	2.78
355	2/19/2007 02:46	11.02	45.093	29.07	8.85	7.99	11.5	2.71
356	2/19/2007 03:01	11.04	44.912	28.95	8.83	7.99	11.9	2.60
357	2/19/2007 03:16	11.06	44.8	28.87	8.8	7.99	12.2	2.49
358	2/19/2007 03:31	11.06	44.646	28.76	8.74	7.98	10.8	2.37
359	2/19/2007 03:46	11.06	44.262	28.48	8.73	7.98	11.8	2.25
360	2/19/2007 04:01	11.18	42.724	27.4	8.68	7.95	15.3	2.14
361	2/19/2007 04:16	11.16	42.614	27.32	8.65	7.95	12.2	2.02
362	2/19/2007 04:31	11.09	42.716	27.39	8.63	7.95	10.6	1.92
363	2/19/2007 04:46	11.11	41.837	26.77	8.57	7.93	12.0	1.79
364	2/19/2007 05:01	11	42.064	26.92	8.55	7.93	11.1	1.71
365	2/19/2007 05:16	10.94	41.757	26.7	8.49	7.91	12.8	1.60
366	2/19/2007 05:31	10.92	41.709	26.67	8.48	7.91	11.8	1.46
367	2/19/2007 05:46	10.93	41.398	26.45	8.46	7.9	11.1	1.36
368	2/19/2007 06:01	10.89	41.295	26.37	8.44	7.9	11.1	1.26
369	2/19/2007 06:16	10.82	41.185	26.29	8.42	7.9	11.8	1.20
370	2/19/2007 06:31	10.83	41.128	26.25	8.39	7.89	11.4	1.14
371	2/19/2007 06:46	10.81	41.05	26.2	8.38	7.89	11.4	1.09
372	2/19/2007 07:01	10.81	41.186	26.29	8.4	7.89		1.13
373	2/19/2007 07:16	10.95	41.38	26.44	8.42	7.9	10.4	1.16
374	2/19/2007 07:31	10.9	41.354	26.42	8.43	7.9	10.8	1.18
375	2/19/2007 07:46	10.92	41.358	26.42	8.45	7.9	10.9	1.26
376	2/19/2007 08:01	10.86	41.056	26.2	8.48	7.9		1.34
377	2/19/2007 08:16	10.91	41.075	26.22	8.47	7.9	11.5	1.43
378	2/19/2007 08:31	10.95	41.094	26.23	8.48	7.9	11.8	1.54
379	2/19/2007 08:46	11.03	41.708	26.67	8.51	7.92		1.65
380	2/19/2007 09:01	11.08	42.289	27.08	8.56	7.93	12.3	1.75
381	2/19/2007 09:16	11.1	42.761	27.42	8.62	7.95	12.2	1.85
382	2/19/2007 09:31	11.13	43.2	27.73	8.7	7.96		1.96
383	2/19/2007 09:46	11.15	43.403	27.88	8.72	7.97	13.4	2.05

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
384	2/19/2007 10:01	11.14	43.655	28.05	8.72	7.97	13.1	2.15
385	2/19/2007 10:16	11.15	44.014	28.31	8.75	7.97	15.0	2.24
386	2/19/2007 10:31	11.08	44.077	28.35	8.8	7.98	19.3	2.33
387	2/19/2007 10:46	11.04	44.524	28.67	8.85	7.99	23.9	2.44
388	2/19/2007 11:01	11.04	44.8	28.87	8.87	7.99	21.1	2.53
389	2/19/2007 11:16	11.02	45.359	29.26	8.9	8		2.63
390	2/19/2007 11:31	10.98	45.829	29.6	8.95	8	20.9	2.72
391	2/19/2007 11:46	10.9	46.471	30.05	9.03	8.01	25.6	2.80
392	2/19/2007 12:01	10.88	46.86	30.33	9.06	8.02	27.4	2.88
393	2/19/2007 12:16	10.88	47.145	30.54	9.09	8.02	22.3	2.96
394	2/19/2007 12:31	10.86	47.324	30.66	9.1	8.02	21.5	3.03
395	2/19/2007 12:46	10.89	47.546	30.83	9.1	8.02	13.0	3.07
396	2/19/2007 13:01	10.85	47.928	31.1	9.05	8.02	11.5	3.10
397	2/19/2007 13:16	10.84	48.03	31.17	8.95	8.02	7.9	3.12
398	2/19/2007 13:31	10.85	47.884	31.07	8.98	8.02	12.3	3.09
399	2/19/2007 13:46	10.88	47.992	31.15	8.98	8.02	11.1	3.04
400	2/19/2007 14:01	11.34	46.285	29.94	9.12	8.02	10.6	2.98
401	2/19/2007 14:16	11.35	45.837	29.62	9.12	8.02	11.4	2.89
402	2/19/2007 14:31	11.34	45.814	29.6	9.12	8.02	20.0	2.79
403	2/19/2007 14:46	11.45	45.261	29.21	9.22	8.03	8.0	2.66
404	2/19/2007 15:01	11.51	45.27	29.22	9.17	8.02	8.6	2.56
405	2/19/2007 15:16	11.64	44.803	28.89	9.19	8.02	9.0	2.42
406	2/19/2007 15:31	11.7	44.31	28.54	9.06	8	10.8	2.30
407	2/19/2007 15:46	11.65	43.764	28.15	9.01	8	10.6	2.17
408	2/19/2007 16:01	11.66	44.023	28.34	9.01	8		2.06
409	2/19/2007 16:16	11.7	43.107	27.69	9.02	7.99	9.6	1.91
410	2/19/2007 16:31	11.71	42.971	27.59	9.04	7.99	9.3	1.76
411	2/19/2007 16:46	11.74	42.827	27.49	9.03	7.99	9.6	1.62
412	2/19/2007 17:01	11.8	42.089	26.97	9.08	7.98	10.6	1.47
413	2/19/2007 17:16	11.78	42.641	27.36	8.97	7.98		1.32
414	2/19/2007 17:31	11.78	42.337	27.15	9.03	7.98	9.1	1.19
415	2/19/2007 17:46	11.78	42.042	26.94	9	7.98	9.3	1.05
416	2/19/2007 18:01	11.78	41.716	26.71	8.98	7.97	8.7	0.90
417	2/19/2007 18:16	11.77	41.496	26.55	8.96	7.97	13.3	0.81
418	2/19/2007 18:31	11.77	41.217	26.35	8.93	7.96	9.8	0.71
419	2/19/2007 18:46	11.77	41.187	26.33	8.87	7.96	8.1	0.63
420	2/19/2007 19:01	11.78	41.124	26.29	8.8	7.96	6.6	0.62
421	2/19/2007 19:16	11.77	41.24	26.37	8.94	7.96	8.4	0.64
422	2/19/2007 19:31	11.77	41.411	26.49	8.93	7.96	9.1	0.71
423	2/19/2007 19:46	11.78	41.496	26.55	8.91	7.96	11.9	0.78
424	2/19/2007 20:01	11.78	41.505	26.56	8.92	7.96	8.4	0.87
425	2/19/2007 20:16	11.71	39.927	25.44	9.06	7.95	8.8	0.97
426	2/19/2007 20:31	11.72	39.946	25.46	9.04	7.95	9.2	1.05
427	2/19/2007 20:46	11.72	39.854	25.39	9.03	7.95	8.4	1.15
428	2/19/2007 21:01	11.74	40.639	25.94	8.97	7.95		1.26
429	2/19/2007 21:16	11.74	40.644	25.95	8.96	7.95	7.7	1.36
430	2/19/2007 21:31	11.7	40.964	26.17	8.96	7.95	7.8	1.46
431	2/19/2007 21:46	11.65	41.075	26.25	8.94	7.95	8.1	1.57

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	2/19/2007 22:01	11.63	42.615	27.34	8.85	7.96	8.6	1.70
433	2/19/2007 22:16	11.62	42.95	27.57	8.87	7.97	9.1	1.82
434	2/19/2007 22:31	11.64	43.294	27.82	8.9	7.98	10.9	1.94
435	2/19/2007 22:46	11.6	43.27	27.8	8.9	7.98	12.3	2.05
436	2/19/2007 23:01	11.53	43.713	28.11	8.89	7.98	18.6	2.16
437	2/19/2007 23:16	11.49	44.054	28.35	8.92	7.98	21.1	2.27
438	2/19/2007 23:31	11.46	44.407	28.6	8.94	7.99	18.4	2.38
439	2/19/2007 23:46	11.38	45.185	29.16	8.98	7.99	17.3	2.49
440	2/20/2007 00:01	11.27	46.006	29.74	9.03	8	16.5	2.59
441	2/20/2007 00:16	11.21	46.446	30.05	9.04	8.01	17.9	2.69
442	2/20/2007 00:31	11.13	47.006	30.45	9.02	8.01	18.4	2.79
443	2/20/2007 00:46	11.04	47.581	30.86	9.03	8	20.9	2.89
444	2/20/2007 01:01	10.95	48.197	31.3	9.03	8	20.5	2.98
445	2/20/2007 01:16	10.9	48.355	31.41	9.04	8	14.7	3.05
446	2/20/2007 01:31	10.86	48.821	31.74	9.02	8		3.10
447	2/20/2007 01:46	10.83	48.927	31.82	9.02	8	10.6	3.14
448	2/20/2007 02:01	10.88	48.614	31.59	8.95	8	7.8	3.17
449	2/20/2007 02:16	10.83	48.898	31.8	8.97	8	9.7	3.16
450	2/20/2007 02:31	10.9	48.278	31.35	8.98	8		3.11
451	2/20/2007 02:46	11	47.071	30.49	8.95	8	9.7	3.04
452	2/20/2007 03:01	11.12	46.231	29.89	8.85	7.99		2.96
453	2/20/2007 03:16	11.08	46.829	30.32	8.86	7.99	16.7	2.85
454	2/20/2007 03:31	11.09	46.588	30.15	8.89	7.99	14.8	2.73
455	2/20/2007 03:46	11.22	45.154	29.13	8.8	7.99		2.60
456	2/20/2007 04:01	11.21	44.735	28.83	8.75	7.98	8.3	2.48
457	2/20/2007 04:16	11.22	44.748	28.84	8.73	7.97	7.1	2.37
458	2/20/2007 04:31	11.3	44.309	28.53	8.7	7.97		2.24
459	2/20/2007 04:46	11.32	43.963	28.28	8.71	7.97	8.3	2.11
460	2/20/2007 05:01	11.35	43.537	27.98	8.68	7.96	8.3	1.99
461	2/20/2007 05:16	11.28	43.777	28.15	8.64	7.95	7.1	1.87
462	2/20/2007 05:31	11.23	43.585	28.01	8.61	7.95	7.0	1.76
463	2/20/2007 05:46	11.29	42.716	27.39	8.53	7.94		1.62
464	2/20/2007 06:01	11.28	42.613	27.32	8.53	7.93	7.5	1.51
465	2/20/2007 06:16	11.29	42.32	27.11	8.47	7.92	7.0	1.38
466	2/20/2007 06:31	11.32	42.105	26.96	8.43	7.92	7.6	1.27
467	2/20/2007 06:46	11.33	41.924	26.84	8.39	7.91	6.7	1.17
468	2/20/2007 07:01	11.33	41.849	26.78	8.35	7.91	6.3	1.08
469	2/20/2007 07:16	11.34	41.906	26.82	8.27	7.91		1.02
470	2/20/2007 07:31	11.36	41.765	26.72	8.32	7.91	6.2	1.00
471	2/20/2007 07:46	11.36	41.885	26.81	8.3	7.91		0.98
472	2/20/2007 08:01	11.41	42.036	26.92	8.4	7.92	6.1	1.01
473	2/20/2007 08:16	11.35	41.95	26.86	8.4	7.91	6.2	1.06
474	2/20/2007 08:31	11.32	41.993	26.88	8.43	7.91	6.2	1.13
475	2/20/2007 08:46	11.31	41.78	26.73	8.46	7.91		1.20
476	2/20/2007 09:01	11.3	41.612	26.61	8.48	7.91	6.6	1.30
477	2/20/2007 09:16	11.31	41.572	26.59	8.49	7.91	6.6	1.39
478	2/20/2007 09:31	11.33	41.905	26.82	8.49	7.92	6.5	1.50
479	2/20/2007 09:46	11.34	42.266	27.08	8.53	7.93	7.5	1.59

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	2/20/2007 10:01	11.33	42.604	27.32	8.55	7.93	6.4	1.69
481	2/20/2007 10:16	11.32	42.997	27.6	8.61	7.94	6.8	1.79
482	2/20/2007 10:31	11.32	43.336	27.84	8.68	7.95	6.7	1.89
483	2/20/2007 10:46	11.36	43.766	28.14	8.72	7.96	7.3	1.98
484	2/20/2007 11:01	11.36	44.193	28.45	8.75	7.97	8.3	2.08
485	2/20/2007 11:16	11.33	44.343	28.55	8.77	7.97	9.1	2.17
486	2/20/2007 11:31	11.28	44.741	28.83	8.79	7.97	10.7	2.26
487	2/20/2007 11:46	11.23	45	29.02	8.82	7.98	12.5	2.35
488	2/20/2007 12:01	11.2	45.235	29.18	8.84	7.98	12.5	2.43
489	2/20/2007 12:16	11.18	45.53	29.39	8.85	7.98	11.1	2.52
490	2/20/2007 12:31	11.12	46.086	29.79	8.87	7.98	11.1	2.59
491	2/20/2007 12:46	11.02	46.836	30.32	8.86	7.98	13.6	2.69
492	2/20/2007 13:01	10.97	47.171	30.56	8.84	7.98	14.2	2.75
493	2/20/2007 13:16	10.94	47.366	30.7	8.8	7.98	13.3	2.82
494	2/20/2007 13:31	10.91	47.582	30.85	8.77	7.98	11.8	2.89
495	2/20/2007 13:46	10.9	47.857	31.05	8.75	7.98		2.93
496	2/20/2007 14:01	10.87	47.764	30.98	8.71	7.98	5.7	2.95
497	2/20/2007 14:16	10.9	47.73	30.96	8.69	7.98	7.1	2.97
498	2/20/2007 14:31	10.86	47.989	31.14	8.73	7.98	9.3	2.94
499	2/20/2007 14:46	11.13	46.23	29.89	8.79	7.99	7.3	2.89
500	2/20/2007 15:01	11.03	46.694	30.22	8.77	7.99	8.3	2.81
501	2/20/2007 15:16	11.21	45.889	29.65	8.88	7.99	9.5	2.72
502	2/20/2007 15:31	11.14	46.173	29.85	8.83	7.99	10.9	2.62
503	2/20/2007 15:46	11.24	45.507	29.38	8.9	7.99	8.5	2.50
504	2/20/2007 16:01	11.26	45.249	29.2	8.92	7.99	6.2	2.37
505	2/20/2007 16:16	11.27	45.244	29.19	8.91	7.99	5.0	2.26
506	2/20/2007 16:31	11.33	44.582	28.72	8.89	7.98	6.6	2.15
507	2/20/2007 16:46	11.33	44.319	28.54	8.84	7.98	7.0	2.01
508	2/20/2007 17:01	11.38	43.639	28.05	8.82	7.97	8.4	1.91
509	2/20/2007 17:16	11.39	43.302	27.82	8.83	7.97	6.1	1.80
510	2/20/2007 17:31	11.35	43.516	27.97	8.83	7.97	5.9	1.65
511	2/20/2007 17:46	11.38	43.024	27.62	8.85	7.97	5.4	1.54
512	2/20/2007 18:01	11.41	42.462	27.22	8.88	7.97	6.3	1.41
513	2/20/2007 18:16	11.4	42.088	26.95	8.89	7.97	5.6	1.30
514	2/20/2007 18:31	11.41	42.058	26.93	8.83	7.96	6.3	1.19
515	2/20/2007 18:46	11.42	41.984	26.88	8.78	7.96	6.2	1.10
516	2/20/2007 19:01	11.42	41.969	26.87	8.72	7.95	6.8	1.03
517	2/20/2007 19:16	11.43	41.896	26.82	8.7	7.95	8.6	0.95
518	2/20/2007 19:31	11.43	41.914	26.83	8.68	7.95	5.2	0.92
519	2/20/2007 19:46	11.44	41.991	26.89	8.74	7.95	6.7	0.91
520	2/20/2007 20:01	11.47	42.183	27.02	8.71	7.95	5.6	0.93
521	2/20/2007 20:16	11.46	42.184	27.03	8.74	7.95	6.4	0.96
522	2/20/2007 20:31	11.42	41.849	26.79	8.8	7.95	6.8	1.03
523	2/20/2007 20:46	11.44	41.838	26.78	8.78	7.95	6.8	1.12
524	2/20/2007 21:01	11.38	40.872	26.1	8.87	7.95	8.9	1.20
525	2/20/2007 21:16	11.38	40.761	26.02	8.87	7.95		1.31
526	2/20/2007 21:31	11.39	41.227	26.35	8.82	7.94	7.5	1.41
527	2/20/2007 21:46	11.42	42.114	26.97	8.78	7.95	7.1	1.51

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	2/20/2007 22:01	11.41	42.229	27.05	8.79	7.96	6.2	1.62
529	2/20/2007 22:16	11.38	42.804	27.46	8.77	7.96	7.0	1.75
530	2/20/2007 22:31	11.36	43.352	27.85	8.78	7.96	7.7	1.84
531	2/20/2007 22:46	11.36	43.644	28.06	8.77	7.96	8.1	1.96
532	2/20/2007 23:01	11.35	43.765	28.14	8.78	7.97	8.6	2.06
533	2/20/2007 23:16	11.3	43.804	28.17	8.8	7.97	10.3	2.17
534	2/20/2007 23:31	11.22	44.009	28.31	8.82	7.97	12.7	2.26
535	2/20/2007 23:46	11.17	44.395	28.58	8.84	7.97	12.4	2.37
536	2/21/2007 00:01	11.12	44.973	28.99	8.85	7.98	12.5	2.46
537	2/21/2007 00:16	11.06	45.477	29.35	8.87	7.98	12.9	2.58
538	2/21/2007 00:31	10.94	46.561	30.12	8.94	7.99	17.2	2.69
539	2/21/2007 00:46	10.86	47.107	30.51	8.97	7.99	15.8	2.78
540	2/21/2007 01:01	10.79	47.491	30.78	8.98	7.99	17.0	2.88
541	2/21/2007 01:16	10.72	47.937	31.1	9	7.99	16.9	3.01
542	2/21/2007 01:31	10.64	48.284	31.34	9.05	7.99	17.0	3.07
543	2/21/2007 01:46	10.59	48.51	31.5	9.09	7.99	14.7	3.18
544	2/21/2007 02:01	10.55	48.707	31.64	9.11	7.99	10.8	3.26
545	2/21/2007 02:16	10.54	48.616	31.58	9.12	7.99	9.5	3.24
546	2/21/2007 02:31	10.56	48.512	31.5	9.01	7.99	8.4	3.29
547	2/21/2007 02:46	10.53	48.709	31.64	9.08	7.99	9.8	3.24
548	2/21/2007 03:01	10.54	48.71	31.64	9.06	7.99	8.1	3.23
549	2/21/2007 03:16	10.64	47.642	30.88	8.99	7.99	8.0	3.17
550	2/21/2007 03:31	10.82	46.419	30.01	8.87	7.98	6.1	3.10
551	2/21/2007 03:46	10.82	46.125	29.8	8.85	7.98	6.6	3.00
552	2/21/2007 04:01	10.82	45.337	29.24	8.82	7.97	6.9	2.90
553	2/21/2007 04:16	10.82	45.222	29.16	8.83	7.97	6.8	2.77
554	2/21/2007 04:31	10.85	45.059	29.04	8.78	7.97	7.1	2.67
555	2/21/2007 04:46	10.88	45.573	29.41	8.74	7.97	9.6	2.62
556	2/21/2007 05:01	11	44.887	28.93	8.7	7.97	13.5	2.46
557	2/21/2007 05:16	11.03	44.432	28.6	8.68	7.96	11.1	2.33
558	2/21/2007 05:31	11.01	44.336	28.53	8.64	7.96	7.7	2.23
559	2/21/2007 05:46	11.04	43.56	27.98	8.62	7.95	7.9	2.07
560	2/21/2007 06:01	11.08	43.256	27.77	8.6	7.95	7.7	1.96
561	2/21/2007 06:16	11.08	43.077	27.64	8.55	7.94	6.9	1.83
562	2/21/2007 06:31	11.06	43.049	27.62	8.52	7.94	6.2	1.70
563	2/21/2007 06:46	11.09	42.617	27.32	8.46	7.93	6.7	1.62
564	2/21/2007 07:01	11.09	42.285	27.08	8.43	7.92	6.5	1.46
565	2/21/2007 07:16	11.09	42.133	26.97	8.41	7.92	6.2	1.37
566	2/21/2007 07:31	11.07	41.932	26.83	8.38	7.92	6.8	1.27
567	2/21/2007 07:46	11.03	41.6	26.59	8.38	7.91	11.2	1.14
568	2/21/2007 08:01	11.05	41.3	26.38	8.37	7.91	13.9	1.08
569	2/21/2007 08:16	11.07	41.236	26.34	8.33	7.91	11.2	1.01
570	2/21/2007 08:31	11.08	41.268	26.36	8.21	7.9	5.4	0.95
571	2/21/2007 08:46	11	41.103	26.24	8.23	7.9	7.4	0.95
572	2/21/2007 09:01	10.99	41.305	26.38	8.37	7.9	9.5	0.96
573	2/21/2007 09:16	11.05	41.43	26.48	8.41	7.91	8.2	1.02
574	2/21/2007 09:31	11.06	41.523	26.54	8.41	7.91	7.4	1.04
575	2/21/2007 09:46	11.05	41.448	26.49	8.38	7.91	8.3	1.12

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	2/21/2007 10:01	11.02	40.522	25.83	8.44	7.9	8.5	1.22
577	2/21/2007 10:16	11	40.359	25.72	8.48	7.9	9.3	1.34
578	2/21/2007 10:31	11.02	40.549	25.85	8.48	7.9	8.1	1.45
579	2/21/2007 10:46	11.01	40.42	25.76	8.47	7.9	8.7	1.50
580	2/21/2007 11:01	10.96	40.277	25.66	8.58	7.91	8.7	1.59
581	2/21/2007 11:16	10.98	41.26	26.35	8.58	7.92	8.2	1.73
582	2/21/2007 11:31	10.97	41.553	26.56	8.65	7.93	7.3	1.80
583	2/21/2007 11:46	11.02	43.121	27.67	8.63	7.94	7.6	1.92
584	2/21/2007 12:01	11.02	43.374	27.85	8.62	7.95	7.5	1.99
585	2/21/2007 12:16	11	43.586	28	8.64	7.95	7.6	2.06
586	2/21/2007 12:31	10.99	43.91	28.23	8.67	7.95	7.9	2.15
587	2/21/2007 12:46	10.97	44.066	28.34	8.68	7.95	8.5	2.21
588	2/21/2007 13:01	10.94	44.047	28.32	8.72	7.96	8.8	2.29
589	2/21/2007 13:16	10.9	44.308	28.51	8.75	7.96	11.4	2.37
590	2/21/2007 13:31	10.86	44.433	28.6	8.78	7.96	10.1	2.45
591	2/21/2007 13:46	10.83	44.806	28.86	8.83	7.96	9.7	2.52
592	2/21/2007 14:01	10.78	45.245	29.17	8.89	7.97	10.4	2.56
593	2/21/2007 14:16	10.75	45.594	29.42	8.91	7.97	9.3	2.64
594	2/21/2007 14:31	10.71	45.903	29.64	9.02	7.97	9.7	2.68
595	2/21/2007 14:46	10.69	46.174	29.83	9.02	7.97	7.6	2.72
596	2/21/2007 15:01	10.69	46.271	29.9	9.02	7.98	6.8	2.75
597	2/21/2007 15:16	10.69	46.206	29.85	9.01	7.97	6.7	2.75
598	2/21/2007 15:31	10.68	46.565	30.11	9	7.98	9.3	2.71
599	2/21/2007 15:46	10.68	46.474	30.04	9	7.97	7.8	2.65
600	2/21/2007 16:01	10.71	45.837	29.59	8.92	7.97	8.8	2.58
601	2/21/2007 16:16	10.66	42.569	27.26	8.84	7.95	11.1	2.51
602	2/21/2007 16:31	10.57	40.463	25.77	8.88	7.94	12.4	2.42
603	2/21/2007 16:46	10.52	39.973	25.43	8.87	7.93	14.5	2.33
604	2/21/2007 17:01	10.58	41.235	26.32	8.79	7.94	9.9	2.25
605	2/21/2007 17:16	10.55	40.893	26.08	8.76	7.93	8.7	2.15
606	2/21/2007 17:31	10.54	41.455	26.47	8.7	7.93	7.3	2.04
607	2/21/2007 17:46	10.53	40.738	25.97	8.74	7.93	9.2	1.93
608	2/21/2007 18:01	10.54	40.934	26.1	8.72	7.93	10.5	1.87
609	2/21/2007 18:16	10.54	40.836	26.03	8.68	7.92	9.0	1.77
610	2/21/2007 18:31	10.49	40.866	26.05	8.66	7.92	9.8	1.66
611	2/21/2007 18:46	10.45	40.912	26.08	8.66	7.92	10.3	1.57
612	2/21/2007 19:01	10.41	40.886	26.06	8.64	7.92	9.3	1.51
613	2/21/2007 19:16	10.47	40.89	26.07	8.6	7.92	6.8	1.41
614	2/21/2007 19:31	10.38	40.889	26.06	8.59	7.92	7.5	1.32
615	2/21/2007 19:46	10.39	40.794	26	8.56	7.92	6.4	1.27
616	2/21/2007 20:01	10.3	40.542	25.82	8.62	7.92	8.1	1.23
617	2/21/2007 20:16	10.33	40.5	25.79	8.53	7.92	5.6	1.18
618	2/21/2007 20:31	10.33	40.468	25.77	8.57	7.92	3.6	1.18
619	2/21/2007 20:46	10.28	40.516	25.8	8.67	7.92	7.8	1.18
620	2/21/2007 21:01	10.39	40.448	25.76	8.67	7.92	8.9	1.25
621	2/21/2007 21:16	10.61	41.252	26.33	8.56	7.92	6.4	1.29
622	2/21/2007 21:31	10.64	41.285	26.36	8.54	7.92	9.4	1.36
623	2/21/2007 21:46	10.57	40.423	25.75	8.64	7.91	13.3	1.43

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	2/21/2007 22:01	10.55	40.258	25.63	8.64	7.91	15.0	1.54
625	2/21/2007 22:16	10.61	40.856	26.05	8.61	7.91	13.9	1.64
626	2/21/2007 22:31	10.57	39.984	25.44	8.73	7.91	20.9	1.74
627	2/21/2007 22:46	10.55	39.835	25.33	8.78	7.91	22.3	1.83
628	2/21/2007 23:01	10.57	40.253	25.63	8.79	7.92	26.4	1.93
629	2/21/2007 23:16	10.57	40.386	25.72	8.81	7.92	24.7	2.02
630	2/21/2007 23:31	10.57	40.958	26.12	8.81	7.93	21.5	2.12
631	2/21/2007 23:46	10.52	41.014	26.16	8.86	7.93	18.7	2.20
632	2/22/2007 00:01	10.54	41.61	26.58	8.89	7.94	17.6	2.31
633	2/22/2007 00:16	10.63	43.392	27.84	8.86	7.95	22.0	2.41
634	2/22/2007 00:31	10.61	43.736	28.09	8.9	7.96	21.3	2.50
635	2/22/2007 00:46	10.55	43.92	28.22	8.97	7.96	26.6	2.61
636	2/22/2007 01:01	10.48	44.145	28.37	9.03	7.96	31.1	2.72
637	2/22/2007 01:16	10.39	44.585	28.68	9.12	7.96	28.7	2.83
638	2/22/2007 01:31	10.34	45.12	29.06	9.17	7.97	24.0	2.93
639	2/22/2007 01:46	10.3	45.598	29.4	9.19	7.97	21.6	3.01
640	2/22/2007 02:01	10.28	45.913	29.62	9.2	7.98	26.0	3.11
641	2/22/2007 02:16	10.25	46.236	29.85	9.24	7.98	21.8	3.17
642	2/22/2007 02:31	10.24	46.622	30.13	9.29	7.98	17.6	3.22
643	2/22/2007 02:46	10.22	47.067	30.44	9.31	7.99	18.7	3.28
644	2/22/2007 03:01	10.23	47.285	30.6	9.25	7.99	9.4	3.29
645	2/22/2007 03:16	10.23	47.022	30.41	9.27	7.99	10.9	3.29
646	2/22/2007 03:31	10.24	47.337	30.64	9.28	7.99	10.3	3.29
647	2/22/2007 03:46	10.25	47.263	30.59	9.25	7.99	9.6	3.21
648	2/22/2007 04:01	10.26	46.673	30.16	9.2	7.98	12.2	3.14
649	2/22/2007 04:16	10.27	45.058	29.01	9.09	7.97	12.5	3.08
650	2/22/2007 04:31	10.25	45.01	28.97	9.1	7.97	20.4	2.99
651	2/22/2007 04:46	10.09	41.055	26.17	8.97	7.91	25.1	2.86
652	2/22/2007 05:01	10.17	41.228	26.29	8.89	7.92	14.9	2.78
653	2/22/2007 05:16	10.19	41.93	26.79	8.92	7.93	13.3	2.70
654	2/22/2007 05:31	10.26	42.575	27.25	8.92	7.94	18.2	2.55
655	2/22/2007 05:46	10.28	42.389	27.12	8.92	7.94	14.8	2.46
656	2/22/2007 06:01	10.24	41.886	26.76	8.9	7.94	14.6	2.34
657	2/22/2007 06:16	10.19	41.641	26.59	8.88	7.93	13.1	2.20
658	2/22/2007 06:31	10.18	41.219	26.29	8.83	7.92	11.6	2.08
659	2/22/2007 06:46	10.15	41.331	26.36	8.79	7.92	10.6	1.98
660	2/22/2007 07:01	10.17	40.793	25.99	8.69	7.91	13.0	1.84
661	2/22/2007 07:16	10.16	40.518	25.79	8.67	7.9	10.9	1.71
662	2/22/2007 07:31	10.14	40.386	25.7	8.62	7.9	10.2	1.60
663	2/22/2007 07:46	10.08	40.221	25.58	8.59	7.89	11.7	1.47
664	2/22/2007 08:01	10.05	40.049	25.46	8.54	7.89	10.8	1.36
665	2/22/2007 08:16	9.94	39.768	25.26	8.52	7.88	8.1	1.24
666	2/22/2007 08:31	9.94	39.682	25.2	8.53	7.89	7.9	1.16
667	2/22/2007 08:46	9.93	39.564	25.11	8.53	7.89	7.6	1.07
668	2/22/2007 09:01	9.92	39.395	25	8.56	7.89	7.8	0.97
669	2/22/2007 09:16	9.93	39.413	25.01	8.51	7.88	5.7	0.96
670	2/22/2007 09:31	9.94	39.37	24.98	8.51	7.89	4.6	0.91
671	2/22/2007 09:46	9.97	39.427	25.02	8.55	7.89	6.3	0.89

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	2/22/2007 10:01	10.04	39.731	25.24	8.49	7.88	6.8	0.98
673	2/22/2007 10:16	10.07	39.752	25.25	8.51	7.88	7.5	1.00
674	2/22/2007 10:31	10.06	39.393	25	8.52	7.88		1.05
675	2/22/2007 10:46	10.1	39.762	25.26	8.49	7.88	10.1	1.14
676	2/22/2007 11:01	10.09	39.263	24.91	8.52	7.87	12.8	1.23
677	2/22/2007 11:16	10.09	39.289	24.93	8.53	7.88	13.1	1.29
678	2/22/2007 11:31	10.08	39.032	24.75	8.56	7.87	12.4	1.39
679	2/22/2007 11:46	10.02	37.731	23.84	8.63	7.86	14.2	1.48
680	2/22/2007 12:01	10.07	38.617	24.46	8.62	7.87	12.9	1.55
681	2/22/2007 12:16	10.05	38.171	24.15	8.64	7.86	13.6	1.63
682	2/22/2007 12:31	10.01	38.023	24.04	8.71	7.87		1.73
683	2/22/2007 12:46	9.99	38.298	24.23	8.76	7.88	14.6	1.80
684	2/22/2007 13:01	9.9	36.947	23.29	8.85	7.87	15.9	1.87
685	2/22/2007 13:16	9.95	38.126	24.11	8.84	7.88	16.4	1.95
686	2/22/2007 13:31	9.98	38.561	24.42	8.84	7.89	15.1	2.02
687	2/22/2007 13:46	9.99	38.507	24.38	8.85	7.89	13.8	2.09
688	2/22/2007 14:01	10.02	38.778	24.57	8.85	7.89	13.8	2.17
689	2/22/2007 14:16	10.03	38.847	24.62	8.85	7.89	13.5	2.24
690	2/22/2007 14:31	10.05	39.06	24.77	8.86	7.89	12.5	2.29
691	2/22/2007 14:46	10.09	40.295	25.63	8.83	7.91	13.6	2.36
692	2/22/2007 15:01	10.1	40.796	25.99	8.84	7.91		2.41
693	2/22/2007 15:16	10.11	40.872	26.04	8.85	7.92	15.7	2.47
694	2/22/2007 15:31	10.12	41.193	26.27	8.85	7.92	16.3	2.50
695	2/22/2007 15:46	10.12	41.348	26.37	8.84	7.92	10.5	2.54
696	2/22/2007 16:01	10.12	41.077	26.18	8.7	7.91	6.1	2.54
697	2/22/2007 16:16	10.11	41.688	26.61	8.88	7.92	12.3	2.55
698	2/22/2007 16:31	10.11	41.349	26.38	8.81	7.92	8.6	2.57
699	2/22/2007 16:46	10.11	40.88	26.05	8.76	7.91	10.0	2.52
700	2/22/2007 17:01	10.1	40.128	25.52	8.78	7.91	14.0	2.44
701	2/22/2007 17:16	10.08	39.499	25.08	8.79	7.9	24.9	2.40
702	2/22/2007 17:31	10.08	38.565	24.42	8.84	7.9	15.5	2.35
703	2/22/2007 17:46	10.1	38.187	24.16	8.99	7.92	12.2	2.28
704	2/22/2007 18:01	10.11	37.973	24.01	8.95	7.91	12.7	2.17
705	2/22/2007 18:16	10.06	37.443	23.64	8.89	7.89	12.7	2.10
706	2/22/2007 18:31	10.03	36.418	22.93	8.88	7.87	12.9	2.03
707	2/22/2007 18:46	10.04	36.572	23.04	8.82	7.86	12.8	1.96
708	2/22/2007 19:01	10.07	36.473	22.97	8.78	7.86	12.8	1.88
709	2/22/2007 19:16	10.07	37.068	23.38	8.7	7.86	13.3	1.81
710	2/22/2007 19:31	10.04	36.646	23.09	8.72	7.86	13.7	1.76
711	2/22/2007 19:46	9.97	35.822	22.52	8.81	7.85	13.3	1.69
712	2/22/2007 20:01	9.92	35.301	22.16	8.83	7.84	12.8	1.63
713	2/22/2007 20:16	9.92	35.571	22.34	8.8	7.84	11.2	1.57
714	2/22/2007 20:31	9.82	34.952	21.91	8.79	7.83	6.4	1.56
715	2/22/2007 20:46	9.92	35.487	22.28	8.59	7.84	3.9	1.52
716	2/22/2007 21:01	9.91	35.465	22.27	8.82	7.84	11.0	1.53
717	2/22/2007 21:16	9.91	35.343	22.18	8.88	7.84	10.9	1.52
718	2/22/2007 21:31	9.9	35.387	22.21	8.88	7.84	10.2	1.55
719	2/22/2007 21:46	9.94	35.644	22.39	8.86	7.85	9.7	1.57

sonde #2	Indian Island Long-Term Deployment 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	2/22/2007 22:01	9.98	36.052	22.68	8.81	7.85	9.5	1.62
721	2/22/2007 22:16	10.01	36.302	22.85	8.78	7.85	11.0	1.67
722	2/22/2007 22:31	10.01	36.343	22.88	8.77	7.85	15.0	1.73
723	2/22/2007 22:46	10.02	36.324	22.87	8.8	7.85	14.4	1.79
724	2/22/2007 23:01	10.02	36.791	23.19	8.81	7.86	15.8	1.89
725	2/22/2007 23:16	10.01	36.598	23.06	8.86	7.86	15.8	1.98
726	2/22/2007 23:31	10.01	36.737	23.15	8.88	7.86	21.0	2.04
727	2/22/2007 23:46	10.01	37.714	23.83	8.9	7.88	12.8	2.13
728	2/23/2007 00:01	10	38.291	24.23	8.94	7.89	12.6	2.21
729	2/23/2007 00:16	9.98	38.151	24.13	8.97	7.89	12.6	2.29
730	2/23/2007 00:31	9.98	38.308	24.24	8.97	7.89	10.9	2.38
731	2/23/2007 00:46	9.99	38.263	24.21	9	7.9	13.3	2.47
732	2/23/2007 01:01	9.99	39.086	24.78	9.02	7.9	16.5	2.55
733	2/23/2007 01:16	9.95	38.508	24.38	9.09	7.91	15.7	2.66
734	2/23/2007 01:31	10.03	41.203	26.27	9.03	7.92	20.0	2.75
735	2/23/2007 01:46	10.04	42.276	27.03	9.05	7.94	28.9	2.83
736	2/23/2007 02:01	10.01	42.723	27.34	9.1	7.95	28.5	2.92
737	2/23/2007 02:16	10.01	43.379	27.8	9.09	7.95	21.5	3.00
738	2/23/2007 02:31	9.98	43.578	27.94	9.11	7.96	19.2	3.09
739	2/23/2007 02:46	9.98	44.04	28.27	9.14	7.96	19.6	3.16
740	2/23/2007 03:01	9.99	44.519	28.61	9.17	7.97	23.1	3.21
741	2/23/2007 03:16	9.93	44.041	28.27	9.17	7.97	9.7	3.25
742	2/23/2007 03:31	9.97	44.568	28.64	9.14	7.97	8.6	3.29
743	2/23/2007 03:46	9.98	44.391	28.52	8.98	7.96	6.4	3.29
744	2/23/2007 04:01	9.98	44.771	28.79	9.11	7.97	12.6	3.29
745	2/23/2007 04:16	9.98	44.761	28.78	9.1	7.97	10.3	3.28
746	2/23/2007 04:31	9.93	42.402	27.11	9.12	7.96	10.4	3.21
747	2/23/2007 04:46	9.9	42.943	27.49	9.08	7.96	14.9	3.16
748	2/23/2007 05:01	9.94	43.123	27.62	9.02	7.95	23.0	3.09
749	2/23/2007 05:16	9.9	42.376	27.09	9	7.94	14.8	3.00
750	2/23/2007 05:31	9.86	42.517	27.19	9.03	7.95	17.2	2.90
751	2/23/2007 05:46	9.85	41.502	26.47	8.99	7.93	22.0	2.79
752	2/23/2007 06:01	9.75	40.091	25.47	9.01	7.92	23.0	2.70
753	2/23/2007 06:16	9.73	39.754	25.24	9.01	7.92	18.8	2.60
754	2/23/2007 06:31	9.83	40.33	25.65	8.96	7.92	16.8	2.50
755	2/23/2007 06:46	9.66	39.086	24.77	8.97	7.9	16.1	2.38
756	2/23/2007 07:01	9.58	38.632	24.45	8.92	7.89	11.4	2.29
757	2/23/2007 07:16	9.55	39.281	24.9	8.94	7.9	13.4	2.17
758	2/23/2007 07:31	9.39	37.793	23.86	8.89	7.88	8.7	2.04
759	2/23/2007 07:46	9.43	37.788	23.85	8.84	7.87	13.2	1.92
760	2/23/2007 08:01	9.32	37.486	23.64	8.86	7.87	12.3	1.79
761	2/23/2007 08:16	9.35	37.229	23.46	8.87	7.86	12.2	1.69
762	2/23/2007 08:31	9.3	36.905	23.24	8.87	7.86	13.3	1.57
763	2/23/2007 08:46	9.25	36.839	23.19	8.87	7.87	9.8	1.44
764	2/23/2007 09:01	9.21	36.658	23.06	8.94	7.87	9.7	1.33
765	2/23/2007 09:16	9.21	36.502	22.95	9.03	7.88	9.2	1.23
766	2/23/2007 09:31	9.24	36.435	22.91	8.97	7.88	8.0	1.15
767	2/23/2007 09:46	9.3	36.377	22.87	9	7.89	7.7	1.06

sonde #2		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
768	2/23/2007 10:01	9.37	36.312	22.83	9.01	7.89	7.0	1.02
769	2/23/2007 10:16	9.4	36.38	22.88	9	7.88	4.3	0.97
770	2/23/2007 10:31	9.44	36.438	22.92	8.85	7.88	4.4	0.94
771	2/23/2007 10:46	9.46	36.411	22.9	9.23	7.9	11.9	0.97
772	2/23/2007 11:01	9.56	36.515	22.98	9.07	7.88	7.0	1.00
773	2/23/2007 11:16	9.47	36.825	23.19	8.94	7.87	7.0	1.01
774	2/23/2007 11:31	9.47	36.674	23.08	8.92	7.86	8.4	1.09
775	2/23/2007 11:46	9.47	37.046	23.34	8.81	7.86	7.0	1.15
776	2/23/2007 12:01	9.48	36.93	23.26	8.85	7.86	7.1	1.19
777	2/23/2007 12:16	9.49	36.827	23.19	8.85	7.86	7.9	1.26
778	2/23/2007 12:31	9.46	36.917	23.25	8.81	7.85		1.33
779	2/23/2007 12:46	9.45	36.65	23.07	8.81	7.85	9.3	1.40
780	2/23/2007 13:01	9.45	36.456	22.93	8.82	7.85	9.2	1.47
781	2/23/2007 13:16	9.45	36.405	22.9	8.82	7.84	8.0	1.55
782	2/23/2007 13:31	9.46	36.42	22.91	8.81	7.84	8.6	1.59
783	2/23/2007 13:46	9.47	36.005	22.62	8.83	7.84	9.2	1.69
784	2/23/2007 14:01	9.49	36.012	22.63	8.9	7.85	11.5	1.78
785	2/23/2007 14:16	9.46	35.885	22.54	8.94	7.85	9.8	1.85
786	2/23/2007 14:31	9.5	36.211	22.77	8.95	7.86	8.2	1.93
787	2/23/2007 14:46	9.51	36.754	23.14	8.95	7.87	8.3	1.99
788	2/23/2007 15:01	9.53	37.012	23.32	8.96	7.87	7.6	2.05
789	2/23/2007 15:16	9.53	37.266	23.5	8.95	7.87	7.9	2.12
790	2/23/2007 15:31	9.55	37.412	23.6	8.95	7.87	7.8	2.18
791	2/23/2007 15:46	9.59	37.483	23.65	8.97	7.88	8.5	2.24
792	2/23/2007 16:01	9.61	37.561	23.71	8.98	7.88	7.8	2.28
793	2/23/2007 16:16	9.6	37.951	23.97	8.96	7.88	8.2	2.33
794	2/23/2007 16:31	9.6	38.146	24.11	8.95	7.89	7.0	2.37
795	2/23/2007 16:46	9.6	38.191	24.14	8.93	7.89	6.5	2.39
796	2/23/2007 17:01	9.59	38.405	24.29	8.92	7.89	5.7	2.44
797	2/23/2007 17:16	9.64	37.655	23.77	8.85	7.88	5.4	2.43
798	2/23/2007 17:31	9.58	38.254	24.18	8.84	7.88	5.1	2.43
799	2/23/2007 17:46	9.59	38.216	24.16	8.88	7.88	7.5	2.43
800	2/23/2007 18:01	9.55	38.179	24.13	8.81	7.88	6.1	2.40
801	2/23/2007 18:16	9.55	38.039	24.03	8.81	7.88	5.7	2.38
802	2/23/2007 18:31	9.57	37.917	23.95	8.84	7.88	6.8	2.33
803	2/23/2007 18:46	9.57	36.394	22.9	8.93	7.86	10.0	2.29
804	2/23/2007 19:01	9.67	35.044	21.97	9.06	7.85		2.25
805	2/23/2007 19:16	9.65	35.57	22.33	9.02	7.86	8.2	2.17
806	2/23/2007 19:31	9.65	35.648	22.38	9.03	7.87	8.2	2.11
807	2/23/2007 19:46	9.68	35.188	22.07	9.17	7.87	7.3	2.05
808	2/23/2007 20:01	9.63	34.978	21.92	9.11	7.86	7.3	1.99
809	2/23/2007 20:16	9.6	34.568	21.64	9.05	7.84	6.7	1.95
810	2/23/2007 20:31	9.6	34.8	21.8	9.04	7.85	6.5	1.91
811	2/23/2007 20:46	9.59	34.377	21.51	9.07	7.84	7.2	1.87
812	2/23/2007 21:01	9.59	34.054	21.29	9.12	7.85	7.1	1.83
813	2/23/2007 21:16	9.58	33.764	21.09	9.11	7.84	4.2	1.82
814	2/23/2007 21:31	9.58	35.046	21.97	8.82	7.84	3.3	1.80
815	2/23/2007 21:46	9.56	34.241	21.41	9.08	7.84	7.1	1.80

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	2/23/2007 22:01	9.57	34.585	21.65	9.1	7.85	6.7	1.82
817	2/23/2007 22:16	9.55	34.265	21.43	9.14	7.85	6.9	1.82
818	2/23/2007 22:31	9.5	34.122	21.33	9.14	7.84	7.1	1.85
819	2/23/2007 22:46	9.61	35.249	22.11	9.04	7.86	7.1	1.89
820	2/23/2007 23:01	9.61	35.673	22.4	9.02	7.86	7.6	1.92
821	2/23/2007 23:16	9.61	36.08	22.68	9.01	7.87	12.6	1.97
822	2/23/2007 23:31	9.63	36.77	23.16	9.02	7.87	9.3	2.01
823	2/23/2007 23:46	9.64	36.977	23.3	9.03	7.88	8.3	2.08
824	2/24/2007 00:01	9.63	37.013	23.33	9.03	7.87	9.0	2.14
825	2/24/2007 00:16	9.63	37.552	23.7	9.02	7.88	9.7	2.19
826	2/24/2007 00:31	9.65	38.374	24.27	9.05	7.89	7.7	2.26
827	2/24/2007 00:46	9.7	39.679	25.18	9.05	7.91	7.6	2.32
828	2/24/2007 01:01	9.7	39.795	25.27	9.06	7.91	8.0	2.38
829	2/24/2007 01:16	9.72	39.895	25.34	9.12	7.92	11.5	2.46
830	2/24/2007 01:31	9.73	40.104	25.48	9.11	7.92	11.0	2.54
831	2/24/2007 01:46	9.76	40.309	25.63	9.1	7.93	11.2	2.60
832	2/24/2007 02:01	9.77	40.657	25.87	9.09	7.93	12.6	2.69
833	2/24/2007 02:16	9.77	40.401	25.69	9.13	7.93	11.3	2.78
834	2/24/2007 02:31	9.84	41.88	26.74	9.09	7.94	14.2	2.84
835	2/24/2007 02:46	9.84	41.999	26.82	9.11	7.95	13.9	2.92
836	2/24/2007 03:01	9.86	42.619	27.26	9.1	7.96	11.7	2.99
837	2/24/2007 03:16	9.86	42.788	27.38	9.12	7.96	9.7	3.07
838	2/24/2007 03:31	9.87	43.001	27.53	9.11	7.96	9.3	3.12
839	2/24/2007 03:46	9.86	43.042	27.56	9.17	7.97		3.16
840	2/24/2007 04:01	9.88	43.078	27.58	9.2	7.97	8.0	3.21
841	2/24/2007 04:16	9.89	43.198	27.67	9.24	7.98	7.9	3.24
842	2/24/2007 04:31	9.89	43.223	27.69	9.07	7.97	6.7	3.25
843	2/24/2007 04:46	9.92	43.584	27.94	9.08	7.97	8.4	3.24
844	2/24/2007 05:01	9.92	43.446	27.85	8.97	7.96	5.0	3.23
845	2/24/2007 05:16	9.9	43.28	27.73	8.99	7.96	6.9	3.20
846	2/24/2007 05:31	9.81	42.347	27.06	9.01	7.95	6.8	3.15
847	2/24/2007 05:46	9.7	41.299	26.32	9.05	7.94	7.7	3.10
848	2/24/2007 06:01	9.68	40.777	25.95	9.03	7.93	7.9	3.02
849	2/24/2007 06:16	9.47	38.346	24.24	9.14	7.9	7.4	2.95
850	2/24/2007 06:31	9.53	38.732	24.51	9.1	7.9	7.8	2.87
851	2/24/2007 06:46	9.43	38.082	24.06	9.15	7.89	7.6	2.78
852	2/24/2007 07:01	9.47	38.545	24.38	9.14	7.9	6.7	2.70
853	2/24/2007 07:16	9.47	38.512	24.36	9.12	7.9	6.4	2.60
854	2/24/2007 07:31	9.5	38.919	24.64	9.11	7.9	6.7	2.50
855	2/24/2007 07:46	9.49	38.67	24.47	9.11	7.9	6.3	2.40
856	2/24/2007 08:01	9.49	38.708	24.5	9.08	7.9		2.29
857	2/24/2007 08:16	9.46	37.814	23.87	9.12	7.89	8.1	2.18
858	2/24/2007 08:31	9.47	37.926	23.95	9.12	7.89	7.1	2.07
859	2/24/2007 08:46	9.44	37.077	23.36	9.12	7.88	7.0	1.96
860	2/24/2007 09:01	9.45	37.375	23.57	9.16	7.89	7.4	1.85
861	2/24/2007 09:16	9.44	36.709	23.11	9.19	7.88		1.74
862	2/24/2007 09:31	9.45	36.374	22.88	9.25	7.89	6.5	1.62
863	2/24/2007 09:46	9.47	36.143	22.72	9.27	7.89	6.5	1.51

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
864	2/24/2007 10:01	9.49	36.143	22.72	9.28	7.89	6.5	1.41
865	2/24/2007 10:16	9.51	36.059	22.66	9.27	7.89	6.6	1.30
866	2/24/2007 10:31	9.53	35.812	22.49	9.3	7.89	7.6	1.21
867	2/24/2007 10:46	9.56	35.699	22.42	9.3	7.89	6.7	1.14
868	2/24/2007 11:01	9.59	35.659	22.39	9.25	7.89	6.1	1.08
869	2/24/2007 11:16	9.6	35.645	22.38	9.23	7.89	4.7	1.05
870	2/24/2007 11:31	9.63	35.679	22.4	9.27	7.89	7.5	1.04
871	2/24/2007 11:46	9.65	35.663	22.39	9.3	7.89	8.5	1.02
872	2/24/2007 12:01	9.65	35.807	22.49	9.3	7.89	7.0	1.05
873	2/24/2007 12:16	9.64	35.947	22.59	9.3	7.89	8.2	1.09
874	2/24/2007 12:31	9.62	35.622	22.37	9.29	7.88	9.5	1.12
875	2/24/2007 12:46	9.58	35.288	22.13	9.26	7.87	8.9	1.15
876	2/24/2007 13:01	9.54	35.581	22.33	9.22	7.87	7.8	1.19
877	2/24/2007 13:16	9.52	35.812	22.49	9.17	7.87		1.25
878	2/24/2007 13:31	9.49	35.515	22.29	9.2	7.86	8.3	1.28
879	2/24/2007 13:46	9.49	35.857	22.52	9.16	7.87	7.0	1.33
880	2/24/2007 14:01	9.49	35.907	22.56	9.15	7.87	6.4	1.41
881	2/24/2007 14:16	9.47	35.71	22.42	9.15	7.86	6.9	1.46
882	2/24/2007 14:31	9.46	35.599	22.34	9.15	7.86	7.1	1.51
883	2/24/2007 14:46	9.47	35.67	22.39	9.17	7.86	7.4	1.60
884	2/24/2007 15:01	9.48	35.333	22.16	9.22	7.86	8.2	1.67
885	2/24/2007 15:16	9.5	35.737	22.44	9.25	7.87	10.0	1.74
886	2/24/2007 15:31	9.51	35.852	22.52	9.28	7.88	9.5	1.83
887	2/24/2007 15:46	9.52	35.716	22.43	9.29	7.87		1.89
888	2/24/2007 16:01	9.54	35.797	22.48	9.29	7.88	7.8	1.98
889	2/24/2007 16:16	9.58	36.403	22.9	9.28	7.89	9.6	2.05
890	2/24/2007 16:31	9.58	36.818	23.19	9.26	7.89	9.3	2.10
891	2/24/2007 16:46	9.59	36.915	23.26	9.25	7.89	9.8	2.16
892	2/24/2007 17:01	9.58	37.52	23.68	9.21	7.9	7.8	2.20
893	2/24/2007 17:16	9.57	37.827	23.89	9.18	7.9		2.24
894	2/24/2007 17:31	9.58	37.97	23.99	9.17	7.9	7.1	2.30
895	2/24/2007 17:46	9.58	38.177	24.13	9.16	7.9	6.6	2.34
896	2/24/2007 18:01	9.57	38.351	24.25	9.12	7.9	5.9	2.36
897	2/24/2007 18:16	9.6	38.399	24.29	9.14	7.91	5.4	2.41
898	2/24/2007 18:31	9.6	38.482	24.34	9.12	7.91	5.3	2.44
899	2/24/2007 18:46	9.61	38.598	24.43	9.02	7.91	2.3	2.45
900	2/24/2007 19:01	9.61	38.724	24.51	8.93	7.89	2.0	2.48
901	2/24/2007 19:16	9.61	38.78	24.55	9.03	7.9	4.3	2.48
902	2/24/2007 19:31	9.61	38.76	24.54	9.01	7.9	3.5	2.46
903	2/24/2007 19:46	9.59	38.474	24.34	8.99	7.9	4.5	2.46
904	2/24/2007 20:01	9.58	38.311	24.22	9.03	7.9	5.0	2.43
905	2/24/2007 20:16	9.59	38.327	24.24	9.06	7.9	4.6	2.39
906	2/24/2007 20:31	9.56	37.973	23.99	9.05	7.89	5.2	2.36
907	2/24/2007 20:46	9.53	37.14	23.41	9.08	7.89	5.3	2.32
908	2/24/2007 21:01	9.56	37.584	23.72	9.06	7.89	5.4	2.27
909	2/24/2007 21:16	9.55	37.166	23.43	9.08	7.88	6.2	2.25
910	2/24/2007 21:31	9.48	36.394	22.89	9.07	7.89	5.0	2.20
911	2/24/2007 21:46	9.44	35.908	22.55	9.07	7.87	5.3	2.17

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	2/24/2007 22:01	9.49	36.321	22.84	9.05	7.88	5.1	2.14
913	2/24/2007 22:16	9.44	36.06	22.66	9	7.87	3.7	2.11
914	2/24/2007 22:31	9.44	36.025	22.64	8.86	7.86	2.8	2.11
915	2/24/2007 22:46	9.45	36.069	22.67	8.88	7.86	3.7	2.07
916	2/24/2007 23:01	9.47	36.294	22.82	8.88	7.86	3.4	2.08
917	2/24/2007 23:16	9.47	36.293	22.82	9.06	7.87	5.4	2.09
918	2/24/2007 23:31	9.48	36.274	22.81	9.08	7.87	5.4	2.09
919	2/24/2007 23:46	9.48	36.443	22.93	9.11	7.87	5.9	2.12
920	2/25/2007 00:01	9.48	36.399	22.9	9.1	7.87	5.6	2.14
921	2/25/2007 00:16	9.52	36.897	23.24	9.08	7.88	5.7	2.16
922	2/25/2007 00:31	9.53	37.124	23.4	9.08	7.88	6.3	2.19
923	2/25/2007 00:46	9.58	37.824	23.89	9.08	7.89	7.3	2.24
924	2/25/2007 01:01	9.6	38.328	24.24	9.09	7.9	7.2	2.29
925	2/25/2007 01:16	9.59	38.165	24.12	9.13	7.9	7.1	2.33
926	2/25/2007 01:31	9.67	39.591	25.12	9.12	7.92	7.0	2.39
927	2/25/2007 01:46	9.59	38.769	24.54	9.17	7.92	6.8	2.47
928	2/25/2007 02:01	9.67	39.768	25.24	9.18	7.93	6.4	2.50
929	2/25/2007 02:16	9.65	39.799	25.27	9.2	7.94	5.9	2.57
930	2/25/2007 02:31	9.71	41.06	26.15	9.17	7.95		2.62
931	2/25/2007 02:46	9.7	41.052	26.15	9.2	7.95	7.1	2.70
932	2/25/2007 03:01	9.69	40.922	26.05	9.21	7.95	6.8	2.76
933	2/25/2007 03:16	9.74	41.623	26.55	9.19	7.96	7.6	2.82
934	2/25/2007 03:31	9.66	40.601	25.83	9.24	7.95	7.5	2.87
935	2/25/2007 03:46	9.83	42.877	27.44	9.15	7.97	6.7	2.92
936	2/25/2007 04:01	9.88	43.714	28.03	9.1	7.98	6.1	2.96
937	2/25/2007 04:16	9.88	43.812	28.1	9.1	7.98	6.1	3.01
938	2/25/2007 04:31	9.89	44.209	28.39	9.1	7.98	6.0	3.05
939	2/25/2007 04:46	9.92	44.518	28.61	9.11	7.99	5.7	3.08
940	2/25/2007 05:01	9.91	44.643	28.69	9.12	7.99	6.5	3.13
941	2/25/2007 05:16	9.9	44.562	28.64	9.1	7.99	5.6	3.15
942	2/25/2007 05:31	9.89	44.025	28.25	8.99	7.98	4.7	3.17
943	2/25/2007 05:46	9.91	44.306	28.45	8.8	7.97	3.2	3.18
944	2/25/2007 06:01	9.94	44.783	28.8	8.9	7.98	3.5	3.18
945	2/25/2007 06:16	9.86	43.748	28.06	9.01	7.98	4.5	3.18
946	2/25/2007 06:31	9.9	43.747	28.06	8.99	7.97	4.3	3.14
947	2/25/2007 06:46	9.84	43.67	28	9.01	7.97	5.1	3.11
948	2/25/2007 07:01	9.88	43.952	28.2	9	7.98	5.3	3.07
949	2/25/2007 07:16	9.73	42.053	26.85	9.12	7.97	5.9	3.01
950	2/25/2007 07:31	9.76	41.999	26.81	9.09	7.96	8.1	2.95
951	2/25/2007 07:46	9.72	41.659	26.57	9.08	7.95	7.6	2.86
952	2/25/2007 08:01	9.55	39.777	25.24	9.12	7.93	7.8	2.79
953	2/25/2007 08:16	9.3	38.072	24.04	9.23	7.91	7.6	2.69
954	2/25/2007 08:31	9.29	38.26	24.17	9.24	7.92	7.3	2.62
955	2/25/2007 08:46	9.32	38.291	24.2	9.28	7.92	7.7	2.53
956	2/25/2007 09:01	9.32	38.219	24.15	9.28	7.92	7.0	2.40
957	2/25/2007 09:16	9.28	37.955	23.96	9.26	7.91		2.27
958	2/25/2007 09:31	9.28	36.872	23.21	9.28	7.9	8.2	2.21
959	2/25/2007 09:46	9.34	36.564	23	9.35	7.9	8.9	2.11

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
960	2/25/2007 10:01	9.39	36.49	22.95	9.34	7.9		1.99
961	2/25/2007 10:16	9.37	35.97	22.59	9.32	7.89	9.7	1.91
962	2/25/2007 10:31	9.38	36.027	22.63	9.32	7.89	9.5	1.76
963	2/25/2007 10:46	9.42	36.091	22.68	9.37	7.9	9.0	1.68
964	2/25/2007 11:01	9.45	36.157	22.73	9.46	7.91	10.3	1.57
965	2/25/2007 11:16	9.52	35.908	22.56	9.41	7.91		1.48
966	2/25/2007 11:31	9.57	35.68	22.4	9.53	7.92	13.0	1.40
967	2/25/2007 11:46	9.59	35.252	22.11	9.51	7.9	15.2	1.28
968	2/25/2007 12:01	9.64	34.993	21.93	9.47	7.9	16.4	1.20
969	2/25/2007 12:16	9.71	34.961	21.91	9.45	7.91	12.9	1.14
970	2/25/2007 12:31	9.74	34.775	21.79	9.47	7.91	14.3	1.09
971	2/25/2007 12:46	9.8	34.741	21.77	9.49	7.91	11.2	1.04
972	2/25/2007 13:01	9.75	34.922	21.89	9.5	7.91	14.0	0.98
973	2/25/2007 13:16	9.72	35.049	21.97	9.47	7.9	14.9	0.97
974	2/25/2007 13:31	9.72	34.721	21.75	9.44	7.89	13.1	1.06
975	2/25/2007 13:46	9.71	33.463	20.89	9.47	7.86	15.9	1.08
976	2/25/2007 14:01	9.66	34.318	21.47	9.42	7.87	15.7	1.08
977	2/25/2007 14:16	9.65	30.829	19.09	9.52	7.83	18.0	1.09
978	2/25/2007 14:31	9.56	34.881	21.85	9.35	7.87	14.8	1.20
979	2/25/2007 14:46	9.58	34.903	21.87	9.35	7.88	12.9	1.24
980	2/25/2007 15:01	9.6	34.967	21.91	9.34	7.88	12.6	1.31
981	2/25/2007 15:16	9.56	35.125	22.02	9.32	7.87	11.2	1.37
982	2/25/2007 15:31	9.56	34.356	21.49	9.33	7.86	10.9	1.42
983	2/25/2007 15:46	9.53	34.845	21.83	9.32	7.87	11.2	1.50
984	2/25/2007 16:01	9.49	34.596	21.65	9.31	7.86	9.8	1.54
985	2/25/2007 16:16	9.48	34.618	21.67	9.31	7.86	11.0	1.62
986	2/25/2007 16:31	9.49	34.841	21.82	9.3	7.86	10.4	1.70
987	2/25/2007 16:46	9.5	35.235	22.09	9.26	7.87	9.3	1.74
988	2/25/2007 17:01	9.52	35.167	22.05	9.27	7.87	9.3	1.83
989	2/25/2007 17:16	9.55	35.2	22.07	9.3	7.87	9.8	1.94
990	2/25/2007 17:31	9.56	35.568	22.32	9.31	7.87		1.95
991	2/25/2007 17:46	9.54	35.41	22.22	9.33	7.88	10.3	2.03
992	2/25/2007 18:01	9.53	35.517	22.29	9.34	7.88	9.5	2.07
993	2/25/2007 18:16	9.53	35.812	22.49	9.31	7.88	10.0	2.16
994	2/25/2007 18:31	9.49	36.421	22.91	9.27	7.88	9.2	2.18
995	2/25/2007 18:46	9.48	36.964	23.29	9.24	7.89	8.9	2.26
996	2/25/2007 19:01	9.49	37.245	23.48	9.22	7.9	8.9	2.31
997	2/25/2007 19:16	9.52	37.617	23.74	9.22	7.9	8.1	2.34
998	2/25/2007 19:31	9.51	38.016	24.02	9.2	7.91	8.1	2.38
999	2/25/2007 19:46	9.5	38.336	24.24	9.15	7.91	7.1	2.41
1000	2/25/2007 20:01	9.5	38.582	24.41	9.02	7.9	3.0	2.46
1001	2/25/2007 20:16	9.5	38.347	24.25	9.07	7.91	3.9	2.54
1002	2/25/2007 20:31	9.51	38.328	24.23	9.08	7.91	4.5	2.53
1003	2/25/2007 20:46	9.51	38.685	24.48	9.01	7.9	4.5	2.49
1004	2/25/2007 21:01	9.51	38.814	24.57	9.08	7.91	5.4	2.45
1005	2/25/2007 21:16	9.52	38.732	24.51	9.06	7.91	4.8	2.53
1006	2/25/2007 21:31	9.51	38.513	24.36	9.05	7.91	4.9	2.52
1007	2/25/2007 21:46	9.5	37.751	23.83	9.12	7.9	6.2	2.44

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	2/25/2007 22:01	9.5	37.827	23.88	9.11	7.9	7.3	2.40
1009	2/25/2007 22:16	9.5	37.41	23.6	9.1	7.89	6.0	2.38
1010	2/25/2007 22:31	9.49	36.82	23.19	9.13	7.88	7.1	2.32
1011	2/25/2007 22:46	9.39	35.656	22.38	9.21	7.88	8.2	2.29
1012	2/25/2007 23:01	9.38	34.823	21.81	9.23	7.86	8.3	2.25
1013	2/25/2007 23:16	9.37	34.964	21.9	9.21	7.87	8.1	2.20
1014	2/25/2007 23:31	9.31	34.257	21.41	9.28	7.86	8.3	2.18
1015	2/25/2007 23:46	9.29	33.968	21.22	9.25	7.85	7.5	2.14
1016	2/26/2007 00:01	9.31	34.445	21.54	9.16	7.85	5.2	2.13
1017	2/26/2007 00:16	9.27	33.9	21.17	9.21	7.85	5.7	2.12
1018	2/26/2007 00:31	9.27	33.822	21.11	9.22	7.85	5.6	2.12
1019	2/26/2007 00:46	9.24	33.502	20.89	9.19	7.84	7.0	2.11
1020	2/26/2007 01:01	9.23	33.292	20.75	9.28	7.84	9.2	2.10
1021	2/26/2007 01:16	9.28	33.881	21.16	9.27	7.85	8.6	2.15
1022	2/26/2007 01:31	9.34	34.466	21.56	9.24	7.85	7.8	2.16
1023	2/26/2007 01:46	9.26	33.584	20.95	9.29	7.85	8.7	2.15
1024	2/26/2007 02:01	9.36	35.053	21.96	9.23	7.87	7.8	2.21
1025	2/26/2007 02:16	9.48	36.774	23.15	9.19	7.88	7.5	2.25
1026	2/26/2007 02:31	9.48	36.908	23.25	9.24	7.89	7.2	2.29
1027	2/26/2007 02:46	9.54	37.615	23.74	9.23	7.9	8.3	2.32
1028	2/26/2007 03:01	9.58	38.56	24.4	9.23	7.91	9.0	2.37
1029	2/26/2007 03:16	9.58	38.564	24.4	9.26	7.92	8.5	2.42
1030	2/26/2007 03:31	9.59	38.823	24.58	9.29	7.92	9.5	2.47
1031	2/26/2007 03:46	9.61	39.203	24.85	9.35	7.94	8.6	2.54
1032	2/26/2007 04:01	9.68	40.171	25.53	9.4	7.95	8.5	2.58
1033	2/26/2007 04:16	9.69	40.507	25.76	9.46	7.96	8.9	2.68
1034	2/26/2007 04:31	9.73	40.998	26.11	9.47	7.97	10.6	2.74
1035	2/26/2007 04:46	9.74	41.116	26.19	9.44	7.97	10.4	2.81
1036	2/26/2007 05:01	9.75	41.363	26.37	9.47	7.98	12.0	2.85
1037	2/26/2007 05:16	9.76	41.696	26.6	9.51	7.99	13.7	2.93
1038	2/26/2007 05:31	9.8	42.17	26.94	9.52	8	13.4	2.96
1039	2/26/2007 05:46	9.78	41.994	26.81	9.53	7.99	11.1	3.04
1040	2/26/2007 06:01	9.82	42.576	27.23	9.56	8	13.5	3.09
1041	2/26/2007 06:16	9.85	42.92	27.47	9.56	8.01	11.7	3.09
1042	2/26/2007 06:31	9.86	42.887	27.45	9.5	8	9.0	3.13
1043	2/26/2007 06:46	9.87	42.734	27.34	9.33	7.99	5.6	3.16
1044	2/26/2007 07:01	9.88	42.896	27.45	9.36	7.99	5.7	3.15
1045	2/26/2007 07:16	9.79	42.199	26.96	9.44	7.99	6.8	3.11
1046	2/26/2007 07:31	9.83	42.563	27.22	9.42	8	7.3	3.09
1047	2/26/2007 07:46	9.87	43.047	27.56	9.43	8	8.3	3.08
1048	2/26/2007 08:01	9.75	42.596	27.24	9.52	8	8.3	3.01
1049	2/26/2007 08:16	9.78	42.068	26.86	9.4	7.99	10.4	2.95
1050	2/26/2007 08:31	9.63	40.696	25.89	9.4	7.97	10.3	2.89
1051	2/26/2007 08:46	9.61	40.027	25.42	9.34	7.96	10.1	2.81
1052	2/26/2007 09:01	8.88	34.304	21.43	9.49	7.88	9.3	2.74
1053	2/26/2007 09:16	9.06	35.474	22.24	9.42	7.89	8.2	2.64
1054	2/26/2007 09:31	9.26	36.528	22.97	9.38	7.91	9.3	2.56
1055	2/26/2007 09:46	9.18	35.625	22.35	9.46	7.91	8.1	2.46

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	2/26/2007 10:01	9.16	35.221	22.07	9.46	7.9	8.2	2.37
1057	2/26/2007 10:16	9.18	35.238	22.08	9.46	7.9	9.0	2.29
1058	2/26/2007 10:31	9.22	35.431	22.22	9.43	7.9	9.5	2.17
1059	2/26/2007 10:46	9.31	36.226	22.77	9.37	7.91	10.1	2.05
1060	2/26/2007 11:01	9.35	36.277	22.8	9.41	7.91	12.0	1.93
1061	2/26/2007 11:16	9.37	36.436	22.92	9.39	7.91	13.9	1.84
1062	2/26/2007 11:31	9.39	36.137	22.71	9.39	7.91	10.6	1.75
1063	2/26/2007 11:46	9.43	36.309	22.83	9.39	7.91	9.6	1.62
1064	2/26/2007 12:01	9.46	36.63	23.05	9.38	7.91	9.3	1.50
1065	2/26/2007 12:16	9.45	36.88	23.23	9.35	7.91	8.9	1.39
1066	2/26/2007 12:31	9.46	36.493	22.96	9.39	7.92	6.7	1.30
1067	2/26/2007 12:46	9.45	36.323	22.84	9.46	7.92	7.1	1.20
1068	2/26/2007 13:01	9.43	35.743	22.44	9.64	7.94	6.0	1.15
1069	2/26/2007 13:16	9.42	35.771	22.46	9.54	7.93	6.0	1.09
1070	2/26/2007 13:31	9.37	35.596	22.34	9.5	7.94	5.6	1.00
1071	2/26/2007 13:46	9.35	35.532	22.29	9.49	7.92	5.1	0.98
1072	2/26/2007 14:01	9.38	35.491	22.26	9.72	7.95	8.4	0.92
1073	2/26/2007 14:16	9.36	35.431	22.22	9.69	7.94	11.1	0.91
1074	2/26/2007 14:31	9.33	35.498	22.27	9.7	7.93	9.0	0.95
1075	2/26/2007 14:46	9.34	35.549	22.3	9.62	7.93	8.6	0.95
1076	2/26/2007 15:01	9.24	32.006	19.88	9.7	7.87	26.7	0.97
1077	2/26/2007 15:16	9.31	34.399	21.51	9.6	7.9	14.9	1.03
1078	2/26/2007 15:31	9.37	35.506	22.27	9.51	7.91	8.5	1.05
1079	2/26/2007 15:46	9.36	35.177	22.05	9.53	7.91	9.8	1.13
1080	2/26/2007 16:01	9.42	35.758	22.45	9.48	7.9	8.2	1.18
1081	2/26/2007 16:16	9.44	36.13	22.71	9.43	7.91	7.9	1.21
1082	2/26/2007 16:31	9.43	35.912	22.56	9.44	7.9	8.7	1.31
1083	2/26/2007 16:46	9.4	34.854	21.83	9.45	7.89	9.7	1.39
1084	2/26/2007 17:01	9.4	34.913	21.87	9.43	7.89	10.6	1.45
1085	2/26/2007 17:16	9.37	34.702	21.72	9.44	7.88	15.9	1.53
1086	2/26/2007 17:31	9.33	34.426	21.53	9.46	7.89	10.4	1.63
1087	2/26/2007 17:46	9.25	33.928	21.19	9.53	7.88	12.9	1.70
1088	2/26/2007 18:01	9.22	33.899	21.16	9.53	7.88	12.2	1.81
1089	2/26/2007 18:16	9.15	33.79	21.09	9.54	7.88	14.5	1.86
1090	2/26/2007 18:31	9.14	34.148	21.33	9.53	7.89	10.1	1.95
1091	2/26/2007 18:46	9.05	34.078	21.28	9.55	7.89	11.6	2.03
1092	2/26/2007 19:01	9.08	34.386	21.49	9.53	7.89	12.5	2.08
1093	2/26/2007 19:16	9.17	35.454	22.23	9.47	7.9	9.8	2.15
1094	2/26/2007 19:31	9.23	36.199	22.75	9.44	7.91	8.9	2.23
1095	2/26/2007 19:46	9.23	36.341	22.84	9.46	7.91	9.2	2.28
1096	2/26/2007 20:01	9.25	36.727	23.11	9.44	7.92	8.9	2.33
1097	2/26/2007 20:16	9.3	37.303	23.51	9.44	7.93	9.7	2.38
1098	2/26/2007 20:31	9.34	37.814	23.87	9.42	7.93	8.9	2.46
1099	2/26/2007 20:46	9.38	38.345	24.24	9.41	7.94	9.3	2.51
1100	2/26/2007 21:01	9.4	38.683	24.47	9.4	7.95	9.3	2.51
1101	2/26/2007 21:16	9.35	38.178	24.12	9.35	7.94	7.1	2.56
1102	2/26/2007 21:31	9.37	38.346	24.24	9.36	7.94	5.8	2.58
1103	2/26/2007 21:46	9.42	38.803	24.56	9.26	7.94	6.4	2.57

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	2/26/2007 22:01	9.4	38.587	24.41	9.3	7.94	5.6	2.55
1105	2/26/2007 22:16	9.41	38.751	24.52	9.29	7.94	5.3	2.54
1106	2/26/2007 22:31	9.38	38.314	24.22	9.31	7.93	6.2	2.51
1107	2/26/2007 22:46	8.93	36.131	22.68	9.44	7.92	7.3	2.46
1108	2/26/2007 23:01	8.62	33.8	21.07	9.49	7.88	9.2	2.44
1109	2/26/2007 23:16	8.61	33.464	20.84	9.52	7.88	8.7	2.37
1110	2/26/2007 23:31	8.64	33.489	20.86	9.51	7.88	9.2	2.33
1111	2/26/2007 23:46	8.6	33.967	21.18	9.48	7.88	8.5	2.29
1112	2/27/2007 00:01	9.02	35.302	22.12	9.39	7.9	7.1	2.24
1113	2/27/2007 00:16	9.01	35.269	22.09	9.36	7.89	7.8	2.18
1114	2/27/2007 00:31	9.01	35.179	22.03	9.3	7.89	6.4	2.11
1115	2/27/2007 00:46	8.96	34.994	21.9	9.32	7.89	6.5	2.09
1116	2/27/2007 01:01	8.97	35.118	21.99	9.31	7.89	6.2	2.05
1117	2/27/2007 01:16	8.81	34.566	21.6	9.31	7.88	6.5	2.06
1118	2/27/2007 01:31	8.77	34.247	21.38	9.37	7.88	6.9	2.04
1119	2/27/2007 01:46	8.79	34.322	21.44	9.37	7.88	7.4	2.03
1120	2/27/2007 02:01	8.84	34.354	21.46	9.38	7.88	8.0	2.03
1121	2/27/2007 02:16	8.67	33.618	20.95	9.45	7.87	7.6	2.03
1122	2/27/2007 02:31	8.7	33.624	20.95	9.47	7.87	8.1	2.03
1123	2/27/2007 02:46	8.69	33.525	20.89	9.46	7.87	8.2	2.07
1124	2/27/2007 03:01	8.96	35.005	21.91	9.4	7.89	7.6	2.10
1125	2/27/2007 03:16	9.01	35.311	22.12	9.39	7.89	6.7	2.11
1126	2/27/2007 03:31	9.24	37.482	23.63	9.39	7.93	9.1	2.15
1127	2/27/2007 03:46	9.14	36.562	22.99	9.41	7.91	8.4	2.20
1128	2/27/2007 04:01	9.22	37.406	23.58	9.43	7.93	12.8	2.25
1129	2/27/2007 04:16	9.25	37.904	23.93	9.43	7.94	9.3	2.31
1130	2/27/2007 04:31	9.35	39.15	24.8	9.44	7.96	11.7	2.37
1131	2/27/2007 04:46	9.4	40.228	25.55	9.46	7.97	12.5	2.42
1132	2/27/2007 05:01	9.36	40.333	25.62	9.52	7.98	10.4	2.49
1133	2/27/2007 05:16	9.27	40.157	25.5	9.54	7.98	11.6	2.56
1134	2/27/2007 05:31	9.18	39.421	24.98	9.59	7.97	11.1	2.62
1135	2/27/2007 05:46	9.45	41.435	26.4	9.54	8	18.5	2.69
1136	2/27/2007 06:01	9.53	42.049	26.84	9.53	8	14.1	2.73
1137	2/27/2007 06:16	9.32	40.809	25.95	9.62	7.99	11.7	2.82
1138	2/27/2007 06:31	9.19	39.933	25.34	9.59	7.99	10.6	2.89
1139	2/27/2007 06:46	9.42	41.923	26.74	9.56	8.01	10.8	2.92
1140	2/27/2007 07:01	9.42	41.988	26.79	9.54	8.01	10.9	3.02
1141	2/27/2007 07:16	9.57	43.097	27.58	9.54	8.02	11.2	3.07
1142	2/27/2007 07:31	9.57	43.184	27.64	9.53	8.02	10.3	3.09
1143	2/27/2007 07:46	9.51	43.197	27.65	9.56	8.02	10.3	3.09
1144	2/27/2007 08:01	9.51	43.241	27.68	9.53	8.02	9.4	3.15
1145	2/27/2007 08:16	9.56	43.255	27.69	9.39	8.01	4.7	3.15
1146	2/27/2007 08:31	9.6	43.279	27.71	9.36	8.01	5.3	3.17
1147	2/27/2007 08:46	9.5	43.053	27.54	9.45	8.01	8.8	3.12
1148	2/27/2007 09:01	9.61	43.466	27.84	9.43	8.02	8.5	3.10
1149	2/27/2007 09:16	9.39	42.235	26.96	9.49	8.01	7.4	3.08
1150	2/27/2007 09:31	9.44	41.107	26.17	9.45	8	10.4	2.98
1151	2/27/2007 09:46	9.25	40.599	25.8	9.55	8	11.2	2.94

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	2/27/2007 10:01	8.63	35.222	22.04	9.77	7.97	11.5	2.84
1153	2/27/2007 10:16	8.98	38.073	24.03	9.55	7.96	10.8	2.78
1154	2/27/2007 10:31	8.84	36.647	23.04	9.65	7.95	8.4	2.68
1155	2/27/2007 10:46	8.82	36.71	23.08	9.65	7.95	8.2	2.55
1156	2/27/2007 11:01	8.78	36.294	22.79	9.63	7.94	8.6	2.47
1157	2/27/2007 11:16	8.79	36.414	22.87	9.62	7.95	9.5	2.36
1158	2/27/2007 11:31	8.87	37.018	23.29	9.55	7.94	9.2	2.25
1159	2/27/2007 11:46	8.75	36.275	22.77	9.61	7.94	9.1	2.13
1160	2/27/2007 12:01	8.8	36.736	23.09	9.52	7.94	14.8	2.00
1161	2/27/2007 12:16	8.78	36.501	22.93	9.55	7.94	14.7	1.92
1162	2/27/2007 12:31	8.75	36.316	22.8	9.52	7.93	15.0	1.76
1163	2/27/2007 12:46	8.72	35.924	22.53	9.57	7.93	15.3	1.67
1164	2/27/2007 13:01	8.66	35.405	22.17	9.66	7.93	10.7	1.56
1165	2/27/2007 13:16	8.64	35.307	22.1	9.66	7.93	9.5	1.40
1166	2/27/2007 13:31	8.63	35.263	22.07	9.67	7.93	8.9	1.27
1167	2/27/2007 13:46	8.65	35.438	22.19	9.67	7.93	9.5	1.18
1168	2/27/2007 14:01	8.68	35.616	22.32	9.62	7.93	8.2	1.07
1169	2/27/2007 14:16	8.68	35.082	21.95	9.7	7.94	8.5	0.97
1170	2/27/2007 14:31	8.67	34.887	21.82	9.74	7.94	8.1	0.89
1171	2/27/2007 14:46	8.69	34.868	21.8	9.7	7.96	6.9	0.85
1172	2/27/2007 15:01	8.72	34.666	21.67	9.9	7.96	7.2	0.79
1173	2/27/2007 15:16	8.72	34.72	21.7	9.81	7.96	4.8	0.79
1174	2/27/2007 15:31	8.82	34.816	21.77	10.08	7.97	11.8	0.83
1175	2/27/2007 15:46	8.66	34.821	21.77	9.83	7.94	6.9	0.84
1176	2/27/2007 16:01	8.69	35.195	22.03	9.75	7.93	8.0	0.86
1177	2/27/2007 16:16	8.7	34.496	21.55	9.78	7.92	11.1	0.94
1178	2/27/2007 16:31	8.73	35.752	22.41	9.61	7.92	8.7	1.02
1179	2/27/2007 16:46	8.73	35.185	22.02	9.64	7.92	9.3	1.02
1180	2/27/2007 17:01	8.72	35.072	21.95	9.6	7.91	9.9	1.11
1181	2/27/2007 17:16	8.73	35.429	22.19	9.58	7.91	8.5	1.21
1182	2/27/2007 17:31	8.68	34.406	21.49	9.63	7.9	9.5	1.26
1183	2/27/2007 17:46	8.7	34.617	21.63	9.6	7.9	8.2	1.33
1184	2/27/2007 18:01	8.69	34.339	21.44	9.61	7.9	8.9	1.39
1185	2/27/2007 18:16	8.66	33.528	20.89	9.64	7.89	12.5	1.56
1186	2/27/2007 18:31	8.58	33.959	21.18	9.65	7.9	14.7	1.62
1187	2/27/2007 18:46	8.53	34.073	21.25	9.67	7.9	15.3	1.71
1188	2/27/2007 19:01	8.58	34.271	21.39	9.67	7.91	12.4	1.81
1189	2/27/2007 19:16	8.59	34.622	21.63	9.67	7.91	11.5	1.89
1190	2/27/2007 19:31	8.56	34.35	21.44	9.7	7.91	10.7	1.97
1191	2/27/2007 19:46	8.56	34.274	21.39	9.71	7.91	11.1	2.05
1192	2/27/2007 20:01	8.61	34.969	21.87	9.67	7.92	11.1	2.14
1193	2/27/2007 20:16	8.64	35.443	22.2	9.65	7.93	10.6	2.21
1194	2/27/2007 20:31	8.75	36.468	22.91	9.6	7.94	12.0	2.28
1195	2/27/2007 20:46	8.82	37.021	23.29	9.59	7.94	14.1	2.35
1196	2/27/2007 21:01	8.83	37.131	23.37	9.61	7.95	16.3	2.40
1197	2/27/2007 21:16	8.89	37.661	23.74	9.59	7.95	15.5	2.47
1198	2/27/2007 21:31	8.91	38.003	23.98	9.62	7.96	16.2	2.52
1199	2/27/2007 21:46	8.94	38.627	24.41	9.7	7.98	14.5	2.55

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	2/27/2007 22:01	8.94	38.625	24.41	9.71	7.97	12.2	2.62
1201	2/27/2007 22:16	8.95	38.733	24.49	9.7	7.98	10.8	2.64
1202	2/27/2007 22:31	8.99	39.032	24.7	9.62	7.98	11.7	2.64
1203	2/27/2007 22:46	9.01	39.487	25.01	9.69	7.98	15.8	2.65
1204	2/27/2007 23:01	9	39.334	24.91	9.65	7.98	10.4	2.64
1205	2/27/2007 23:16	8.97	39.068	24.72	9.63	7.98	9.8	2.58
1206	2/27/2007 23:31	8.83	37.196	23.41	9.59	7.95	10.3	2.55
1207	2/27/2007 23:46	8.41	34.891	21.81	9.66	7.93	17.1	2.49
1208	2/28/2007 00:01	8.57	35.746	22.4	9.61	7.93	15.0	2.42
1209	2/28/2007 00:16	8.68	36.173	22.7	9.56	7.93	18.3	2.38
1210	2/28/2007 00:31	8.19	33.825	21.07	9.6	7.9	11.2	2.34
1211	2/28/2007 00:46	8.14	33.695	20.98	9.58	7.89	8.8	2.24
1212	2/28/2007 01:01	8.25	33.895	21.12	9.55	7.89	7.8	2.21
1213	2/28/2007 01:16	8.43	35.06	21.92	9.54	7.91	8.1	2.15
1214	2/28/2007 01:31	8.38	34.489	21.53	9.51	7.9	8.0	2.10
1215	2/28/2007 01:46	8.47	35.159	21.99	9.46	7.91	7.4	2.07
1216	2/28/2007 02:01	8.4	34.7	21.68	9.5	7.91	7.5	2.01
1217	2/28/2007 02:16	8.22	34.227	21.34	9.52	7.9	6.1	1.97
1218	2/28/2007 02:31	8.06	33.671	20.96	9.53	7.9	7.0	1.94
1219	2/28/2007 02:46	8.04	33.621	20.92	9.53	7.9	7.4	1.90
1220	2/28/2007 03:01	7.98	33.421	20.78	9.47	7.89	7.2	1.93
1221	2/28/2007 03:16	7.97	33.408	20.77	9.54	7.89	7.8	1.92
1222	2/28/2007 03:31	8.14	33.587	20.9	9.57	7.89	8.2	1.91
1223	2/28/2007 03:46	8.03	33.467	20.82	9.67	7.9	7.7	1.94
1224	2/28/2007 04:01	8.04	33.33	20.72	9.68	7.9	7.8	1.94
1225	2/28/2007 04:16	8.26	34.15	21.29	9.57	7.9	8.3	1.99
1226	2/28/2007 04:31	8.41	34.816	21.76	9.55	7.9	10.1	2.04
1227	2/28/2007 04:46	8.5	35.239	22.05	9.54	7.91	17.5	2.11
1228	2/28/2007 05:01	8.46	35.115	21.96	9.57	7.91	13.3	2.16
1229	2/28/2007 05:16	8.66	36.665	23.04	9.59	7.94	14.7	2.24
1230	2/28/2007 05:31	8.68	36.873	23.18	9.61	7.94	15.1	2.31
1231	2/28/2007 05:46	8.86	38.679	24.44	9.69	7.97	16.9	2.38
1232	2/28/2007 06:01	8.91	39.269	24.86	9.7	7.98	12.0	2.44
1233	2/28/2007 06:16	8.76	38.437	24.27	9.72	7.97	10.9	2.52
1234	2/28/2007 06:31	8.77	38.473	24.3	9.74	7.97	15.3	2.62
1235	2/28/2007 06:46	8.82	38.671	24.44	9.72	7.97	15.3	2.70
1236	2/28/2007 07:01	9.06	40.849	25.97	9.72	7.99	15.4	2.77
1237	2/28/2007 07:16	9.07	40.958	26.05	9.72	8	15.2	2.83
1238	2/28/2007 07:31	9.04	40.898	26	9.72	8	15.6	2.91
1239	2/28/2007 07:46	9.06	41.126	26.16	9.68	8	15.6	2.96
1240	2/28/2007 08:01	9.09	41.524	26.44	9.69	8	14.8	3.06
1241	2/28/2007 08:16	9.19	42.349	27.03	9.65	8.01	14.7	3.09
1242	2/28/2007 08:31	9.23	42.753	27.32	9.63	8.01	14.2	3.14
1243	2/28/2007 08:46	9.25	43.037	27.52	9.62	8.01	14.0	3.18
1244	2/28/2007 09:01	9.27	43.15	27.6	9.54	8.01	8.1	3.18
1245	2/28/2007 09:16	9.3	43.146	27.6	9.53	8.01	9.8	3.18
1246	2/28/2007 09:31	9.36	43.682	27.98	9.51	8.01	10.3	3.18
1247	2/28/2007 09:46	9.29	42.832	27.38	9.53	8.01	9.3	3.15

sonde #2		Indian Island Long-Term Deployment				Water Quality Data			TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	
1248	2/28/2007 10:01	9.19	42.33	27.02	9.6	8.01	11.1	3.11	
1249	2/28/2007 10:16	8.31	33.853	21.09	9.87	7.94	12.5	3.03	
1250	2/28/2007 10:31	8.87	39.382	24.93	9.6	7.98	16.5	2.95	
1251	2/28/2007 10:46	8.52	35.185	22.01	9.79	7.94	12.7	2.88	
1252	2/28/2007 11:01	8.56	35.607	22.31	9.82	7.94	14.6	2.79	
1253	2/28/2007 11:16	8.63	35.717	22.38	9.78	7.95	12.8	2.67	
1254	2/28/2007 11:31	8.68	36.693	23.06	9.73	7.95	15.8	2.57	
1255	2/28/2007 11:46	8.78	38.15	24.07	9.7	7.97	14.6	2.47	
1256	2/28/2007 12:01	8.79	38.257	24.15	9.69	7.97	12.6	2.36	
1257	2/28/2007 12:16	8.79	37.949	23.93	9.68	7.96	12.0	2.26	
1258	2/28/2007 12:31	8.82	36.356	22.83	9.8	7.96	10.2	2.12	
1259	2/28/2007 12:46	8.81	36.611	23.01	9.77	7.96	10.5	2.01	
1260	2/28/2007 13:01	8.9	36.967	23.26	9.8	7.96	10.5	1.88	
1261	2/28/2007 13:16	9.1	35.439	22.22	9.97	7.96	7.9	1.77	
1262	2/28/2007 13:31	9.1	35.296	22.12	9.96	7.96	10.5	1.63	
1263	2/28/2007 13:46	9.04	35.877	22.51	9.96	7.96	11.5	1.47	
1264	2/28/2007 14:01	9.04	35.925	22.55	9.9	7.96	12.8	1.36	
1265	2/28/2007 14:16	9.02	35.693	22.39	10	7.97	10.0	1.21	
1266	2/28/2007 14:31	9.03	35.277	22.1	10.05	7.97	8.8	1.10	
1267	2/28/2007 14:46	9.04	34.598	21.64	10.16	7.98	7.5	1.00	
1268	2/28/2007 15:01	9.03	34.355	21.47	10.24	7.98	7.4	0.89	
1269	2/28/2007 15:16	9.13	34.079	21.28	10.35	8	6.7	0.84	
1270	2/28/2007 15:31	9.18	34.048	21.27	10.35	8	6.1	0.78	
1271	2/28/2007 15:46	9.2	34.138	21.33	10.3	8	4.5	0.76	
1272	2/28/2007 16:01	9.82	34.14	21.35	10.78	8.06	8.1	0.75	
1273	2/28/2007 16:16	9.47	34.128	21.33	10.5	8.01	7.3	0.78	
1274	2/28/2007 16:31	9.24	33.961	21.21	10.46	8	6.8	0.81	
1275	2/28/2007 16:46	9.24	33.934	21.19	10.4	8	7.3	0.84	
1276	2/28/2007 17:01	9.12	33.539	20.91	10.35	7.98	8.4	0.92	
1277	2/28/2007 17:16	9.14	34.171	21.35	10.29	7.98	7.4	0.95	
1278	2/28/2007 17:31	9.11	34.953	21.88	10.14	7.97	7.1	1.02	
1279	2/28/2007 17:46	9.04	35.001	21.91	10.08	7.96	7.5	1.10	
1280	2/28/2007 18:01	9.05	34.035	21.25	10.06	7.94	8.8	1.17	
1281	2/28/2007 18:16	9.01	34.383	21.49	10.04	7.95	9.0	1.23	
1282	2/28/2007 18:31	8.99	34.176	21.34	10.02	7.94	9.4	1.31	
1283	2/28/2007 18:46	8.96	33.313	20.75	10.01	7.92	10.1	1.43	
1284	2/28/2007 19:01	8.93	33.578	20.93	9.96	7.92	11.1	1.51	
1285	2/28/2007 19:16	8.87	33.391	20.8	9.92	7.91	13.4	1.63	
1286	2/28/2007 19:31	8.83	33.38	20.79	9.92	7.91	16.5	1.71	
1287	2/28/2007 19:46	8.78	33.557	20.91	9.93	7.92	14.2	1.83	
1288	2/28/2007 20:01	8.8	33.837	21.1	9.89	7.91	10.8	1.92	
1289	2/28/2007 20:16	8.86	33.552	20.91	9.88	7.91	11.3	2.03	
1290	2/28/2007 20:31	8.81	34.102	21.29	9.86	7.92	10.1	2.10	
1291	2/28/2007 20:46	8.8	34.51	21.56	9.83	7.92	10.6	2.19	
1292	2/28/2007 21:01	8.81	35.418	22.19	9.79	7.93	10.8	2.27	
1293	2/28/2007 21:16	8.81	36.078	22.64	9.76	7.94	12.5	2.34	
1294	2/28/2007 21:31	8.83	37.12	23.36	9.72	7.95	16.5	2.42	
1295	2/28/2007 21:46	8.89	37.757	23.81	9.74	7.96	34.1	2.46	

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	2/28/2007 22:01	9.02	38.389	24.25	9.83	7.97	33.0	2.53
1297	2/28/2007 22:16	9.09	38.871	24.59	9.9	7.98	21.4	2.60
1298	2/28/2007 22:31	9.13	39.303	24.89	9.94	7.99	17.9	2.65
1299	2/28/2007 22:46	9.16	39.694	25.17	9.95	7.99	14.1	2.68
1300	2/28/2007 23:01	9.18	39.94	25.34	9.94	8	11.4	2.70
1301	2/28/2007 23:16	9.22	40.364	25.64	9.83	7.99	11.2	2.69
1302	2/28/2007 23:31	9.22	40.394	25.66	9.85	8	11.9	2.68
1303	2/28/2007 23:46	9.2	40.116	25.46	9.87	7.99	11.7	2.67
1304	3/1/2007 00:01	9.03	38.302	24.19	9.82	7.97	11.0	2.61
1305	3/1/2007 00:16	8.95	37.504	23.63	9.84	7.97	16.5	2.53
1306	3/1/2007 00:31	8.91	37.622	23.71	9.74	7.96	29.1	2.48
1307	3/1/2007 00:46	8.84	36.74	23.1	9.68	7.94	25.4	2.43
1308	3/1/2007 01:01	8.7	34.759	21.73	9.74	7.93	17.6	2.32
1309	3/1/2007 01:16	8.68	35.018	21.91	9.66	7.92	9.7	2.26
1310	3/1/2007 01:31	8.64	34.484	21.54	9.71	7.92	9.0	2.20
1311	3/1/2007 01:46	8.65	34.317	21.43	9.69	7.91	8.6	2.13
1312	3/1/2007 02:01	8.63	34.026	21.23	9.69	7.91	10.5	2.07
1313	3/1/2007 02:16	8.6	33.849	21.1	9.68	7.9	8.2	2.01
1314	3/1/2007 02:31	8.59	33.744	21.03	9.68	7.91	7.9	1.94
1315	3/1/2007 02:46	8.57	33.481	20.85	9.68	7.9	7.3	1.88
1316	3/1/2007 03:01	8.54	33.228	20.68	9.7	7.9	6.9	1.85
1317	3/1/2007 03:16	8.5	32.941	20.48	9.7	7.9	6.5	1.79
1318	3/1/2007 03:31	8.48	32.73	20.34	9.72	7.9	6.4	1.76
1319	3/1/2007 03:46	8.49	32.387	20.1	9.71	7.91	5.4	1.73
1320	3/1/2007 04:01	8.51	33.04	20.55	9.75	7.91	6.5	1.75
1321	3/1/2007 04:16	8.55	33.584	20.92	9.72	7.9	7.0	1.74
1322	3/1/2007 04:31	8.59	33.741	21.03	9.74	7.91	6.9	1.76
1323	3/1/2007 04:46	8.56	33.42	20.81	9.75	7.9	6.7	1.79
1324	3/1/2007 05:01	8.64	34.134	21.3	9.72	7.91	8.1	1.84
1325	3/1/2007 05:16	8.66	34.242	21.37	9.69	7.91	9.8	1.90
1326	3/1/2007 05:31	8.69	34.625	21.64	9.66	7.91	21.2	1.97
1327	3/1/2007 05:46	8.73	35.027	21.92	9.71	7.92	12.9	2.03
1328	3/1/2007 06:01	8.77	35.364	22.15	9.71	7.92	12.3	2.10
1329	3/1/2007 06:16	8.79	35.598	22.31	9.73	7.93	9.5	2.18
1330	3/1/2007 06:31	8.84	36.339	22.82	9.73	7.94	10.9	2.25
1331	3/1/2007 06:46	9	38.019	23.99	9.79	7.97	12.6	2.33
1332	3/1/2007 07:01	8.94	37.824	23.85	9.82	7.97	13.1	2.39
1333	3/1/2007 07:16	8.96	38.028	24	9.82	7.97	14.0	2.48
1334	3/1/2007 07:31	9.01	38.26	24.16	9.84	7.98	14.2	2.56
1335	3/1/2007 07:46	9.13	39.53	25.05	9.81	7.99	14.0	2.63
1336	3/1/2007 08:01	9.14	39.621	25.11	9.85	8	16.6	2.72
1337	3/1/2007 08:16	9.2	40.158	25.49	9.83	8	16.9	2.79
1338	3/1/2007 08:31	9.28	40.932	26.04	9.84	8.01	16.6	2.89
1339	3/1/2007 08:46	9.27	40.847	25.98	9.86	8.01	14.7	2.97
1340	3/1/2007 09:01	9.31	41.391	26.36	9.84	8.01	13.3	3.01
1341	3/1/2007 09:16	9.29	41.329	26.32	9.86	8.02	12.0	3.08
1342	3/1/2007 09:31	9.34	41.655	26.55	9.84	8.02	12.0	3.14
1343	3/1/2007 09:46	9.35	41.85	26.69	9.85	8.02	11.9	3.17

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1344	3/1/2007 10:01	9.34	41.799	26.65	9.81	8.02	10.6	3.18
1345	3/1/2007 10:16	9.39	42.181	26.92	9.74	8.02	9.2	3.20
1346	3/1/2007 10:31	9.4	42.335	27.03	9.76	8.02	12.4	3.18
1347	3/1/2007 10:46	9.32	41.466	26.42	9.76	8.01	9.5	3.13
1348	3/1/2007 11:01	9.31	41.245	26.26	9.78	8.01	11.5	3.06
1349	3/1/2007 11:16	9.16	39.132	24.77	9.82	7.99	13.5	3.01
1350	3/1/2007 11:31	9.17	37.507	23.65	9.79	7.98	14.9	2.91
1351	3/1/2007 11:46	9.18	37.885	23.91	9.83	7.98	16.4	2.81
1352	3/1/2007 12:01	9.19	37.246	23.47	9.86	7.97	13.1	2.70
1353	3/1/2007 12:16	9.2	37.186	23.43	9.88	7.97	12.8	2.60
1354	3/1/2007 12:31	9.2	37.273	23.49	9.87	7.98	10.0	2.50
1355	3/1/2007 12:46	9.14	37.148	23.4	9.89	7.97	14.0	2.38
1356	3/1/2007 13:01	9.26	36.603	23.03	9.95	7.98	7.6	2.26
1357	3/1/2007 13:16	9.07	35.66	22.37	9.95	7.96	12.2	2.14
1358	3/1/2007 13:31	9.18	35.585	22.32	10.03	7.97	9.5	2.01
1359	3/1/2007 13:46	9.1	35.041	21.94	10.1	7.96	9.5	1.89
1360	3/1/2007 14:01	9.34	35.208	22.07	10.24	7.99	8.3	1.74
1361	3/1/2007 14:16	9.32	34.945	21.89	10.18	7.99	7.4	1.61
1362	3/1/2007 14:31	9.24	34.602	21.65	10.29	7.99	7.4	1.47
1363	3/1/2007 14:46	9.28	34.534	21.6	10.4	8	8.4	1.34
1364	3/1/2007 15:01	9.23	34.314	21.45	10.36	7.99	6.4	1.22
1365	3/1/2007 15:16	9.22	34.025	21.25	10.37	7.99	7.1	1.08
1366	3/1/2007 15:31	9.25	33.9	21.17	10.36	8.01	7.7	0.95
1367	3/1/2007 15:46	9.27	33.855	21.14	10.36	8.01	8.2	0.89
1368	3/1/2007 16:01	9.27	33.719	21.04	10.34	8.01	6.7	0.80
1369	3/1/2007 16:16	9.26	33.714	21.04	10.32	8.01	6.2	0.75
1370	3/1/2007 16:31	9.27	33.711	21.04	10.3	8	8.7	0.74
1371	3/1/2007 16:46	9.37	33.951	21.21	10.38	8.01	9.8	0.75
1372	3/1/2007 17:01	9.31	33.813	21.11	10.32	7.99	9.1	0.78
1373	3/1/2007 17:16	9.26	33.819	21.11	10.27	7.98	8.6	0.84
1374	3/1/2007 17:31	9.25	32.281	20.06	10.28	7.95	11.7	0.89
1375	3/1/2007 17:46	9.2	34.017	21.25	10.19	7.97	8.4	0.95
1376	3/1/2007 18:01	9.22	33.812	21.11	10.18	7.96	10.0	1.03
1377	3/1/2007 18:16	9.21	33.879	21.15	10.13	7.96	10.7	1.11
1378	3/1/2007 18:31	9.21	33.961	21.21	10.11	7.95	9.4	1.17
1379	3/1/2007 18:46	9.19	33.533	20.91	10.09	7.94	8.1	1.26
1380	3/1/2007 19:01	9.19	33.729	21.05	10.06	7.94	8.0	1.34
1381	3/1/2007 19:16	9.16	33.515	20.9	10.03	7.93	8.0	1.43
1382	3/1/2007 19:31	9.13	33.203	20.69	9.99	7.92	9.6	1.53
1383	3/1/2007 19:46	9.14	33.382	20.81	9.95	7.92	12.5	1.62
1384	3/1/2007 20:01	9.14	33.83	21.11	9.93	7.92	10.3	1.75
1385	3/1/2007 20:16	9.14	33.416	20.83	9.96	7.92	10.3	1.84
1386	3/1/2007 20:31	9.13	34.158	21.34	9.92	7.93	11.9	1.95
1387	3/1/2007 20:46	9.13	34.151	21.33	9.91	7.93	11.5	2.05
1388	3/1/2007 21:01	9.12	35.855	22.5	9.85	7.95	14.3	2.13
1389	3/1/2007 21:16	9.14	36.359	22.85	9.84	7.95	16.9	2.23
1390	3/1/2007 21:31	9.15	36.412	22.89	9.85	7.96	16.8	2.32
1391	3/1/2007 21:46	9.17	36.781	23.14	9.83	7.96	18.9	2.39

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1392	3/1/2007 22:01	9.2	37.655	23.75	9.82	7.97	27.4	2.46
1393	3/1/2007 22:16	9.31	38.704	24.48	9.85	7.98	31.4	2.54
1394	3/1/2007 22:31	9.42	39.647	25.15	9.88	8	31.1	2.61
1395	3/1/2007 22:46	9.45	40.007	25.4	9.86	8	22.4	2.66
1396	3/1/2007 23:01	9.47	40.534	25.77	9.86	8.01	16.2	2.72
1397	3/1/2007 23:16	9.51	40.935	26.05	9.85	8.01	13.2	2.76
1398	3/1/2007 23:31	9.47	40.715	25.9	9.82	8.01	9.5	2.78
1399	3/1/2007 23:46	9.48	40.041	25.43	9.83	8.01	10.8	2.78
1400	3/2/2007 00:01	9.51	41.053	26.14	9.78	8.01	9.3	2.77
1401	3/2/2007 00:16	9.5	40.971	26.08	9.77	8.01	10.2	2.74
1402	3/2/2007 00:31	9.38	39.424	24.99	9.79	7.99	11.0	2.68
1403	3/2/2007 00:46	9.34	38.64	24.44	9.78	7.98	13.3	2.61
1404	3/2/2007 01:01	9.24	37.483	23.63	9.76	7.97	24.0	2.55
1405	3/2/2007 01:16	9.21	37.269	23.48	9.75	7.96	21.2	2.47
1406	3/2/2007 01:31	9.15	36.341	22.84	9.72	7.95	13.8	2.38
1407	3/2/2007 01:46	9.11	35.499	22.26	9.67	7.93	10.4	2.29
1408	3/2/2007 02:01	9.11	35.428	22.21	9.64	7.93	7.6	2.21
1409	3/2/2007 02:16	9.1	35.1	21.98	9.66	7.92	11.2	2.13
1410	3/2/2007 02:31	9.08	34.84	21.8	9.65	7.92	9.0	2.05
1411	3/2/2007 02:46	9.07	34.487	21.56	9.63	7.91	8.5	1.96
1412	3/2/2007 03:01	9.07	34.421	21.52	9.63	7.91	8.3	1.89
1413	3/2/2007 03:16	9.05	33.946	21.19	9.66	7.9	7.5	1.82
1414	3/2/2007 03:31	9.05	33.983	21.21	9.64	7.91	6.4	1.74
1415	3/2/2007 03:46	9.04	33.761	21.06	9.63	7.91	5.8	1.68
1416	3/2/2007 04:01	9.05	33.642	20.98	9.66	7.91	5.4	1.63
1417	3/2/2007 04:16	9.04	33.221	20.69	9.69	7.91	5.6	1.60
1418	3/2/2007 04:31	9.05	33.896	21.16	9.63	7.91	5.9	1.59
1419	3/2/2007 04:46	9.06	33.973	21.21	9.67	7.91	6.0	1.59
1420	3/2/2007 05:01	9.03	33.29	20.74	9.74	7.91	5.6	1.60
1421	3/2/2007 05:16	9.06	34.037	21.25	9.71	7.91	7.3	1.63
1422	3/2/2007 05:31	9.05	33.663	21	9.72	7.91	6.2	1.68
1423	3/2/2007 05:46	9.06	33.757	21.06	9.71	7.91	9.3	1.74
1424	3/2/2007 06:01	9.05	33.216	20.69	9.73	7.9	12.5	1.81
1425	3/2/2007 06:16	9.08	33.953	21.2	9.71	7.9	8.9	1.88
1426	3/2/2007 06:31	9.12	34.311	21.44	9.71	7.91	10.1	1.96
1427	3/2/2007 06:46	9.14	34.847	21.81	9.72	7.92	9.3	2.04
1428	3/2/2007 07:01	9.15	35.356	22.16	9.72	7.93	7.9	2.12
1429	3/2/2007 07:16	9.17	35.483	22.25	9.72	7.93	8.9	2.20
1430	3/2/2007 07:31	9.21	36.366	22.86	9.74	7.95	9.8	2.28
1431	3/2/2007 07:46	9.23	37.022	23.31	9.75	7.96	9.3	2.36
1432	3/2/2007 08:01	9.21	36.513	22.96	9.78	7.95	10.8	2.44
1433	3/2/2007 08:16	9.32	38.386	24.26	9.74	7.98	11.5	2.51
1434	3/2/2007 08:31	9.26	37.224	23.46	9.78	7.96	9.4	2.60
1435	3/2/2007 08:46	9.34	38.348	24.24	9.76	7.97	10.4	2.68
1436	3/2/2007 09:01	9.44	39.931	25.35	9.74	7.99	12.3	2.76
1437	3/2/2007 09:16	9.48	40.534	25.77	9.74	8	14.5	2.84
1438	3/2/2007 09:31	9.56	41.797	26.66	9.74	8.01	14.4	2.92
1439	3/2/2007 09:46	9.58	42.145	26.91	9.72	8.02	19.4	2.99

sonde #2

Indian Island Long-Term Deployment

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	3/2/2007 10:01	9.59	42.258	26.99	9.71	8.02	13.9	3.05
1441	3/2/2007 10:16	9.61	42.643	27.26	9.68	8.02	15.6	3.10
	Mean	10.24	40.02	25.47	9.04	7.94	10.5	2.08
	Standard Dev.	1.06	3.95	2.80	0.53	0.05	6.2	0.71

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

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	3/2/2007 10:31	9.5	42.995	27.5	10.14	7.99	11.6	3.21
1	3/2/2007 10:46	9.5	43.057	27.55	9.98	8.01	9.4	3.23
2	3/2/2007 11:01	9.49	42.838	27.39	9.9	8.01	9.7	3.24
3	3/2/2007 11:16	9.5	43.047	27.54	9.87	8.02	9.2	3.23
4	3/2/2007 11:31	9.5	42.998	27.5	9.87	8.02	8.0	3.19
5	3/2/2007 11:46	9.45	41.267	26.28	9.95	8.02	10.3	3.13
6	3/2/2007 12:01	9.4	37.024	23.32	10	7.97	10.6	3.07
7	3/2/2007 12:16	9.43	40.486	25.73	9.93	8.01	16.8	2.96
8	3/2/2007 12:31	9.4	38.342	24.24	9.97	7.98	17.4	2.86
9	3/2/2007 12:46	9.44	37.614	23.73	10.04	7.99	11.4	2.75
10	3/2/2007 13:01	9.43	37.979	23.99	10.05	8	11.6	2.62
11	3/2/2007 13:16	9.37	37.597	23.72	9.98	7.99	13.4	2.52
12	3/2/2007 13:31	9.47	37.177	23.43	10.08	7.99	9.5	2.38
13	3/2/2007 13:46	9.56	36.912	23.25	10.18	8	6.9	2.26
14	3/2/2007 14:01	9.51	36.229	22.78	10.13	7.99	8.9	2.14
15	3/2/2007 14:16	9.53	35.603	22.35	10.2	7.99	7.8	2.01
16	3/2/2007 14:31	9.55	34.903	21.87	10.33	8	8.8	1.88
17	3/2/2007 14:46	9.51	34.77	21.77	10.29	7.99	7.1	1.74
18	3/2/2007 15:01	9.5	34.678	21.71	10.31	7.99	7.2	1.61
19	3/2/2007 15:16	9.52	34.451	21.56	10.39	8	6.6	1.47
20	3/2/2007 15:31	9.52	34.234	21.41	10.4	8	6.5	1.32
21	3/2/2007 15:46	9.48	33.936	21.2	10.4	8	8.8	1.20
22	3/2/2007 16:01	9.49	33.667	21.02	10.35	7.99	7.1	1.09
23	3/2/2007 16:16	9.49	33.536	20.93	10.35	7.99	8.0	0.98
24	3/2/2007 16:31	9.49	33.389	20.83	10.33	7.99	6.1	0.89
25	3/2/2007 16:46	9.52	33.202	20.7	10.32	7.99	6.1	0.84
26	3/2/2007 17:01	9.52	33.22	20.71	10.31	7.99	5.3	0.83
27	3/2/2007 17:16	9.51	33.472	20.89	10.35	7.99	6.4	0.83
28	3/2/2007 17:31	9.5	33.557	20.94	10.32	7.99	6.1	0.87
29	3/2/2007 17:46	9.5	33.616	20.98	10.31	7.98	6.9	0.93
30	3/2/2007 18:01	9.49	33.639	21	10.29	7.98	6.1	0.98
31	3/2/2007 18:16	9.48	33.274	20.75	10.26	7.97	7.2	1.05
32	3/2/2007 18:31	9.48	33.646	21	10.26	7.97	7.1	1.13
33	3/2/2007 18:46	9.47	33.868	21.15	10.23	7.97	6.4	1.19
34	3/2/2007 19:01	9.46	33.511	20.91	10.22	7.96	7.0	1.27
35	3/2/2007 19:16	9.45	33.458	20.87	10.19	7.95	7.3	1.35
36	3/2/2007 19:31	9.44	33.318	20.78	10.18	7.95	7.1	1.43
37	3/2/2007 19:46	9.43	33.816	21.12	10.13	7.95	7.7	1.52
38	3/2/2007 20:01	9.43	33.808	21.11	10.11	7.95	8.4	1.62
39	3/2/2007 20:16	9.44	33.875	21.16	10.09	7.95	9.8	1.73
40	3/2/2007 20:31	9.44	34.06	21.28	10.09	7.95	9.9	1.83
41	3/2/2007 20:46	9.44	34.379	21.5	10.07	7.95	9.2	1.94
42	3/2/2007 21:01	9.44	34.981	21.92	10.05	7.96	11.0	2.05
43	3/2/2007 21:16	9.44	35.136	22.02	10.04	7.96	11.4	2.15
44	3/2/2007 21:31	9.44	36.018	22.63	10.02	7.97	12.7	2.24
45	3/2/2007 21:46	9.45	36.974	23.29	9.98	7.98	12.6	2.33
46	3/2/2007 22:01	9.45	37.174	23.43	9.97	7.98	15.5	2.42
47	3/2/2007 22:16	9.46	37.404	23.59	9.97	7.98	17.4	2.50

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
48	3/2/2007 22:31	9.47	38.04	24.03	9.95	7.99	23.7	2.57
49	3/2/2007 22:46	9.52	39.289	24.9	9.92	8	27.0	2.65
50	3/2/2007 23:01	9.58	40.136	25.5	9.91	8.01	22.6	2.72
51	3/2/2007 23:16	9.62	40.664	25.87	9.91	8.02	16.9	2.78
52	3/2/2007 23:31	9.64	40.837	25.99	9.9	8.02	14.7	2.83
53	3/2/2007 23:46	9.66	41.137	26.2	9.88	8.03	10.2	2.88
54	3/3/2007 00:01	9.67	41.278	26.3	9.85	8.03	8.0	2.91
55	3/3/2007 00:16	9.66	41.025	26.12	9.8	8.02	8.0	2.92
56	3/3/2007 00:31	9.67	41.202	26.25	9.8	8.02	6.9	2.91
57	3/3/2007 00:46	9.66	41.043	26.14	9.83	8.02	7.2	2.87
58	3/3/2007 01:01	9.54	38.352	24.25	9.84	8	9.3	2.83
59	3/3/2007 01:16	9.56	39.427	25	9.85	8	11.2	2.74
60	3/3/2007 01:31	9.51	38.532	24.37	9.87	8	22.0	2.66
61	3/3/2007 01:46	9.49	38.237	24.17	9.86	7.99	23.1	2.56
62	3/3/2007 02:01	9.44	36.829	23.19	9.78	7.97	12.5	2.48
63	3/3/2007 02:16	9.4	36.382	22.88	9.74	7.95	9.2	2.38
64	3/3/2007 02:31	9.39	36.176	22.74	9.74	7.94	8.1	2.28
65	3/3/2007 02:46	9.37	35.699	22.41	9.8	7.94	9.8	2.20
66	3/3/2007 03:01	9.37	35.132	22.02	9.78	7.93	8.3	2.09
67	3/3/2007 03:16	9.36	34.972	21.91	9.78	7.92	6.7	2.00
68	3/3/2007 03:31	9.34	34.87	21.84	9.75	7.92	6.4	1.92
69	3/3/2007 03:46	9.33	34.297	21.44	9.79	7.91	6.1	1.83
70	3/3/2007 04:01	9.32	34.16	21.35	9.78	7.91	5.4	1.76
71	3/3/2007 04:16	9.32	34.159	21.35	9.76	7.91	5.5	1.68
72	3/3/2007 04:31	9.32	33.903	21.17	9.76	7.91	5.1	1.63
73	3/3/2007 04:46	9.31	33.517	20.91	9.77	7.91	5.2	1.58
74	3/3/2007 05:01	9.31	33.305	20.76	9.78	7.91	4.9	1.54
75	3/3/2007 05:16	9.32	33.967	21.22	9.79	7.91	5.2	1.54
76	3/3/2007 05:31	9.29	33.928	21.19	9.77	7.91	5.3	1.55
77	3/3/2007 05:46	9.3	33.711	21.04	9.82	7.91	5.0	1.57
78	3/3/2007 06:01	9.35	34.415	21.52	9.8	7.92	6.4	1.62
79	3/3/2007 06:16	9.29	33.803	21.1	9.84	7.91	5.2	1.66
80	3/3/2007 06:31	9.32	33.725	21.05	9.79	7.9	7.4	1.73
81	3/3/2007 06:46	9.32	33.733	21.06	9.82	7.9	9.4	1.80
82	3/3/2007 07:01	9.37	34.309	21.45	9.81	7.91	8.2	1.88
83	3/3/2007 07:16	9.38	34.651	21.69	9.81	7.92	8.3	1.95
84	3/3/2007 07:31	9.38	34.929	21.88	9.81	7.92	8.1	2.04
85	3/3/2007 07:46	9.4	35.128	22.02	9.82	7.93	8.1	2.12
86	3/3/2007 08:01	9.42	35.694	22.41	9.81	7.93	7.0	2.20
87	3/3/2007 08:16	9.42	36.036	22.64	9.85	7.94	7.2	2.29
88	3/3/2007 08:31	9.43	36.252	22.79	9.84	7.95	7.8	2.36
89	3/3/2007 08:46	9.42	36.127	22.7	9.87	7.95	8.1	2.45
90	3/3/2007 09:01	9.46	36.977	23.29	9.86	7.96	8.9	2.53
91	3/3/2007 09:16	9.53	37.747	23.83	9.83	7.97	9.4	2.61
92	3/3/2007 09:31	9.6	38.016	24.02	9.82	7.97	7.9	2.70
93	3/3/2007 09:46	9.63	38.576	24.41	9.81	7.98	8.9	2.77
94	3/3/2007 10:01	9.65	40.902	26.04	9.73	8	13.5	2.85
95	3/3/2007 10:16	9.64	41.477	26.44	9.7	8.01	20.9	2.93

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	3/3/2007 10:31	9.66	41.876	26.72	9.69	8.02	19.6	3.00
97	3/3/2007 10:46	9.69	42.338	27.05	9.68	8.02	14.8	3.06
98	3/3/2007 11:01	9.71	42.56	27.21	9.67	8.02	12.2	3.11
99	3/3/2007 11:16	9.71	42.731	27.33	9.63	8.02	11.4	3.15
100	3/3/2007 11:31	9.73	42.892	27.44	9.61	8.03	8.9	3.17
101	3/3/2007 11:46	9.72	42.639	27.26	9.59	8.02	8.6	3.17
102	3/3/2007 12:01	9.72	42.867	27.42	9.56	8.02	8.8	3.15
103	3/3/2007 12:16	9.74	42.465	27.14	9.65	8.02	7.4	3.11
104	3/3/2007 12:31	9.73	42.168	26.93	9.65	8.02	10.8	3.04
105	3/3/2007 12:46	9.87	39.856	25.32	9.82	8.02	10.2	2.95
106	3/3/2007 13:01	10.12	38.598	24.45	10.11	8.01	11.4	2.86
107	3/3/2007 13:16	10.02	39.9	25.35	9.88	8.01	10.7	2.76
108	3/3/2007 13:31	10.5	38.292	24.25	10.12	8.02	9.4	2.65
109	3/3/2007 13:46	10.6	38.213	24.2	10.13	8.01	8.0	2.54
110	3/3/2007 14:01	10.73	37.693	23.84	10.29	8.02	7.3	2.42
111	3/3/2007 14:16	10.55	38	24.05	10.25	8.02	8.5	2.31
112	3/3/2007 14:31	10.6	36.641	23.11	10.31	8.01	6.6	2.19
113	3/3/2007 14:46	10.71	36.265	22.85	10.47	8.03	7.2	2.07
114	3/3/2007 15:01	10.61	35.613	22.4	10.44	8.01	7.8	1.93
115	3/3/2007 15:16	10.99	35.416	22.27	10.73	8.05	6.5	1.80
116	3/3/2007 15:31	10.94	34.854	21.89	10.78	8.04	6.1	1.68
117	3/3/2007 15:46	11.17	34.742	21.82	10.86	8.06	6.2	1.53
118	3/3/2007 16:01	11.22	34.272	21.49	10.96	8.07	5.6	1.42
119	3/3/2007 16:16	11.31	34.032	21.33	10.99	8.08	5.6	1.29
120	3/3/2007 16:31	11.19	33.785	21.16	11	8.08	6.3	1.17
121	3/3/2007 16:46	11.1	33.668	21.07	10.93	8.07	7.0	1.08
122	3/3/2007 17:01	11.09	33.63	21.05	10.95	8.07	6.7	0.99
123	3/3/2007 17:16	11.06	33.574	21.01	10.89	8.06	7.3	0.93
124	3/3/2007 17:31	11.03	33.578	21.01	10.89	8.06	7.1	0.91
125	3/3/2007 17:46	10.93	33.909	21.23	10.85	8.05	5.8	0.91
126	3/3/2007 18:01	10.92	33.748	21.12	10.83	8.05	6.3	0.94
127	3/3/2007 18:16	10.89	33.548	20.99	10.8	8.04	6.0	0.97
128	3/3/2007 18:31	10.9	33.864	21.2	10.77	8.04	7.1	1.02
129	3/3/2007 18:46	10.85	33.535	20.98	10.73	8.03	6.7	1.09
130	3/3/2007 19:01	10.85	33.656	21.06	10.68	8.02	6.6	1.16
131	3/3/2007 19:16	10.84	33.046	20.64	10.61	8	7.2	1.24
132	3/3/2007 19:31	10.8	33.66	21.06	10.59	8	7.4	1.33
133	3/3/2007 19:46	10.77	33.672	21.07	10.55	8	6.9	1.41
134	3/3/2007 20:01	10.72	33.77	21.13	10.5	7.99	6.7	1.49
135	3/3/2007 20:16	10.67	34.09	21.35	10.39	7.98	7.3	1.60
136	3/3/2007 20:31	10.58	34.512	21.64	10.26	7.97	8.3	1.69
137	3/3/2007 20:46	10.56	34.542	21.66	10.21	7.97	9.7	1.79
138	3/3/2007 21:01	10.49	35.288	22.17	10.15	7.97	8.0	1.90
139	3/3/2007 21:16	10.5	34.837	21.86	10.12	7.96	8.3	2.00
140	3/3/2007 21:31	10.44	35.688	22.44	10.08	7.97	8.7	2.10
141	3/3/2007 21:46	10.36	36.469	22.98	10.02	7.97	11.0	2.20
142	3/3/2007 22:01	10.31	37.798	23.9	9.95	7.98	12.9	2.28
143	3/3/2007 22:16	10.3	38.125	24.13	9.94	7.99	14.8	2.37

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	3/3/2007 22:31	10.28	38.505	24.39	9.9	7.99	16.2	2.46
145	3/3/2007 22:46	10.28	38.944	24.7	9.88	7.99	20.3	2.55
146	3/3/2007 23:01	10.27	39.565	25.13	9.85	8	25.2	2.62
147	3/3/2007 23:16	10.27	40.482	25.77	9.83	8.01	19.9	2.70
148	3/3/2007 23:31	10.28	40.932	26.09	9.84	8.02	21.5	2.77
149	3/3/2007 23:46	10.3	41.541	26.52	9.83	8.02	15.3	2.84
150	3/4/2007 00:01	10.3	41.88	26.76	9.8	8.03	11.6	2.90
151	3/4/2007 00:16	10.29	42.084	26.9	9.76	8.03	9.2	2.94
152	3/4/2007 00:31	10.29	42.316	27.07	9.69	8.03	8.0	2.97
153	3/4/2007 00:46	10.29	42.291	27.05	9.69	8.02	8.8	2.98
154	3/4/2007 01:01	10.29	42.158	26.95	9.68	8.02	6.4	2.96
155	3/4/2007 01:16	10.29	41.929	26.79	9.72	8.02	7.4	2.91
156	3/4/2007 01:31	10.25	39.391	25.01	9.8	8.01	9.8	2.85
157	3/4/2007 01:46	10.26	39.314	24.96	9.79	8.01	12.6	2.77
158	3/4/2007 02:01	10.22	38.988	24.73	9.79	8	17.0	2.69
159	3/4/2007 02:16	10.22	38.904	24.67	9.78	7.99	21.1	2.59
160	3/4/2007 02:31	10.18	38.068	24.08	9.74	7.98	14.2	2.48
161	3/4/2007 02:46	10.17	37.539	23.71	9.71	7.96	7.4	2.39
162	3/4/2007 03:01	10.21	37.101	23.41	9.79	7.96	9.1	2.29
163	3/4/2007 03:16	10.21	36.736	23.16	9.77	7.96	10.6	2.18
164	3/4/2007 03:31	10.26	35.965	22.63	9.84	7.95	6.6	2.09
165	3/4/2007 03:46	10.3	35.616	22.39	9.85	7.96	7.2	1.99
166	3/4/2007 04:01	10.26	35.557	22.35	9.79	7.95	6.4	1.89
167	3/4/2007 04:16	10.3	35.019	21.98	9.87	7.95	6.1	1.80
168	3/4/2007 04:31	10.25	35.244	22.13	9.81	7.95	6.0	1.71
169	3/4/2007 04:46	10.28	35.049	22	9.82	7.94	5.5	1.62
170	3/4/2007 05:01	10.3	34.759	21.8	9.84	7.94	5.3	1.55
171	3/4/2007 05:16	10.29	34.426	21.57	9.84	7.94	5.3	1.49
172	3/4/2007 05:31	10.33	34.242	21.44	9.85	7.94	4.9	1.45
173	3/4/2007 05:46	10.3	34.844	21.86	9.72	7.93	5.1	1.43
174	3/4/2007 06:01	10.27	34.691	21.75	9.83	7.94	5.0	1.42
175	3/4/2007 06:16	10.27	34.73	21.78	9.84	7.94	5.0	1.43
176	3/4/2007 06:31	10.34	35.141	22.06	9.85	7.94	5.8	1.47
177	3/4/2007 06:46	10.28	34.575	21.67	9.89	7.95	4.9	1.51
178	3/4/2007 07:01	10.27	34.493	21.61	9.86	7.94	6.4	1.58
179	3/4/2007 07:16	10.29	33.834	21.16	9.89	7.93	8.9	1.66
180	3/4/2007 07:31	10.32	34.228	21.43	9.87	7.93	7.5	1.73
181	3/4/2007 07:46	10.31	34.709	21.76	9.84	7.93	7.7	1.82
182	3/4/2007 08:01	10.3	35.055	22	9.86	7.94	8.1	1.90
183	3/4/2007 08:16	10.3	35.506	22.31	9.84	7.95	6.1	1.98
184	3/4/2007 08:31	10.29	35.977	22.64	9.83	7.95	6.3	2.07
185	3/4/2007 08:46	10.24	36.477	22.98	9.83	7.96	6.6	2.16
186	3/4/2007 09:01	10.22	36.811	23.21	9.85	7.96	7.0	2.23
187	3/4/2007 09:16	10.23	37.038	23.37	9.84	7.97	6.2	2.32
188	3/4/2007 09:31	10.22	37.685	23.82	9.8	7.97	8.3	2.40
189	3/4/2007 09:46	10.24	37.808	23.9	9.79	7.97	7.2	2.48
190	3/4/2007 10:01	10.3	38.484	24.38	9.75	7.98	7.0	2.56
191	3/4/2007 10:16	10.38	39.08	24.8	9.73	7.99	6.8	2.64

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	3/4/2007 10:31	10.27	40.815	26.01	9.64	8	13.4	2.72
193	3/4/2007 10:46	10.21	41.538	26.51	9.58	8	16.3	2.80
194	3/4/2007 11:01	10.21	42.018	26.85	9.55	8.01	16.0	2.88
195	3/4/2007 11:16	10.22	42.645	27.3	9.53	8.01	14.7	2.95
196	3/4/2007 11:31	10.24	43.138	27.64	9.52	8.02	14.6	3.01
197	3/4/2007 11:46	10.25	43.36	27.8	9.51	8.02	10.0	3.05
198	3/4/2007 12:01	10.25	43.445	27.86	9.48	8.02	7.5	3.09
199	3/4/2007 12:16	10.25	43.219	27.7	9.44	8.02	7.6	3.11
200	3/4/2007 12:31	10.23	43.485	27.89	9.45	8.02	7.3	3.09
201	3/4/2007 12:46	10.24	43.309	27.77	9.47	8.02	6.8	3.06
202	3/4/2007 13:01	10.29	42.73	27.36	9.57	8.02	7.6	3.01
203	3/4/2007 13:16	10.44	41.473	26.48	9.7	8.01	8.3	2.94
204	3/4/2007 13:31	10.67	39.428	25.05	10.08	8.03	8.4	2.85
205	3/4/2007 13:46	10.69	39.783	25.3	10.07	8.02	16.4	2.75
206	3/4/2007 14:01	10.89	39.205	24.91	10.01	8.03	11.0	2.64
207	3/4/2007 14:16	11.13	38.639	24.52	10.07	8.02	7.5	2.54
208	3/4/2007 14:31	11	38.355	24.32	10.11	8.02	9.6	2.43
209	3/4/2007 14:46	10.95	38.23	24.23	10.14	8.02	6.6	2.32
210	3/4/2007 15:01	10.99	37.793	23.92	10.19	8.02	5.8	2.20
211	3/4/2007 15:16	11.01	36.868	23.28	10.27	8.02	6.4	2.08
212	3/4/2007 15:31	11.12	36.456	23	10.35	8.02	6.1	1.96
213	3/4/2007 15:46	11.21	36.038	22.71	10.47	8.03	6.4	1.85
214	3/4/2007 16:01	11.41	36.084	22.75	10.61	8.05	5.6	1.72
215	3/4/2007 16:16	11.5	35.688	22.48	10.72	8.06	5.3	1.60
216	3/4/2007 16:31	11.56	35.16	22.12	10.81	8.07	5.5	1.47
217	3/4/2007 16:46	11.61	34.959	21.98	10.86	8.07	5.4	1.36
218	3/4/2007 17:01	11.63	34.863	21.91	10.97	8.09	5.3	1.25
219	3/4/2007 17:16	11.57	34.675	21.78	10.88	8.08	5.2	1.17
220	3/4/2007 17:31	11.53	34.651	21.76	10.82	8.07	4.9	1.10
221	3/4/2007 17:46	11.58	34.445	21.62	10.82	8.08	4.9	1.03
222	3/4/2007 18:01	11.49	34.678	21.78	10.75	8.06	5.3	1.02
223	3/4/2007 18:16	11.47	34.879	21.92	10.78	8.06	4.9	1.03
224	3/4/2007 18:31	11.48	34.63	21.75	10.78	8.06	4.4	1.04
225	3/4/2007 18:46	11.5	34.307	21.53	10.75	8.05	4.2	1.08
226	3/4/2007 19:01	11.34	35.089	22.06	10.61	8.04	5.6	1.14
227	3/4/2007 19:16	11.36	33.202	20.76	10.54	8.01	7.8	1.21
228	3/4/2007 19:31	11.34	34.329	21.54	10.53	8.02	6.4	1.29
229	3/4/2007 19:46	11.3	34.464	21.63	10.45	8.01	6.4	1.36
230	3/4/2007 20:01	11.26	34.513	21.66	10.43	8.01	6.6	1.45
231	3/4/2007 20:16	11.24	34.738	21.81	10.42	8.01	6.0	1.53
232	3/4/2007 20:31	11.18	35.007	22	10.31	8	6.5	1.62
233	3/4/2007 20:46	11.11	35.589	22.4	10.22	7.99	6.9	1.72
234	3/4/2007 21:01	11.06	35.869	22.59	10.15	7.99	7.8	1.82
235	3/4/2007 21:16	11.03	36.155	22.79	10.11	7.99	7.7	1.92
236	3/4/2007 21:31	10.98	36.422	22.97	10.04	7.99	7.4	2.01
237	3/4/2007 21:46	10.94	36.693	23.16	10	7.99	7.4	2.11
238	3/4/2007 22:01	10.89	37.039	23.4	9.96	7.99	7.7	2.22
239	3/4/2007 22:16	10.81	38.257	24.24	9.85	7.99	9.7	2.30

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	3/4/2007 22:31	10.78	39.498	25.11	9.79	8	12.2	2.39
241	3/4/2007 22:46	10.75	39.929	25.41	9.74	8	13.5	2.48
242	3/4/2007 23:01	10.73	40.037	25.48	9.71	8	11.0	2.56
243	3/4/2007 23:16	10.68	41.551	26.54	9.54	8	28.0	2.64
244	3/4/2007 23:31	10.64	42.6	27.28	9.37	8	23.7	2.73
245	3/4/2007 23:46	10.64	43.156	27.68	9.34	8.01	16.9	2.81
246	3/5/2007 00:01	10.65	43.477	27.91	9.34	8.02	12.3	2.89
247	3/5/2007 00:16	10.64	43.753	28.1	9.32	8.02	11.9	2.95
248	3/5/2007 00:31	10.63	44.044	28.31	9.29	8.02	11.1	3.00
249	3/5/2007 00:46	10.62	44.233	28.44	9.23	8.02	8.2	3.04
250	3/5/2007 01:01	10.63	43.983	28.26	9.21	8.02	7.5	3.06
251	3/5/2007 01:16	10.63	44.237	28.44	9.19	8.02	7.2	3.05
252	3/5/2007 01:31	10.64	43.898	28.2	9.23	8.02	7.0	3.02
253	3/5/2007 01:46	10.67	41.346	26.4	9.37	8.02	7.8	2.97
254	3/5/2007 02:01	10.67	41.611	26.59	9.37	8.01	10.3	2.90
255	3/5/2007 02:16	10.68	40.154	25.56	9.47	7.99	11.3	2.81
256	3/5/2007 02:31	10.68	39.901	25.38	9.45	7.98	10.3	2.71
257	3/5/2007 02:46	10.68	39.765	25.29	9.46	7.98	9.5	2.63
258	3/5/2007 03:01	10.69	39.466	25.08	9.51	7.98	7.8	2.52
259	3/5/2007 03:16	10.74	38.765	24.59	9.56	7.98	7.5	2.41
260	3/5/2007 03:31	10.73	38.961	24.73	9.56	7.98	6.0	2.31
261	3/5/2007 03:46	10.77	38.143	24.16	9.6	7.97	6.7	2.20
262	3/5/2007 04:01	10.86	37.381	23.63	9.69	7.98	9.1	2.09
263	3/5/2007 04:16	10.87	37.014	23.38	9.7	7.97	8.1	2.00
264	3/5/2007 04:31	10.85	36.718	23.17	9.63	7.96	6.1	1.89
265	3/5/2007 04:46	10.84	36.654	23.13	9.63	7.96	6.3	1.78
266	3/5/2007 05:01	10.87	36.443	22.98	9.61	7.95	5.4	1.69
267	3/5/2007 05:16	10.9	36.12	22.76	9.62	7.95	5.3	1.60
268	3/5/2007 05:31	10.95	35.826	22.56	9.63	7.95	5.0	1.51
269	3/5/2007 05:46	10.98	35.651	22.44	9.65	7.95	4.8	1.43
270	3/5/2007 06:01	10.98	35.436	22.29	9.62	7.95	5.0	1.39
271	3/5/2007 06:16	11	35.072	22.04	9.61	7.95	4.6	1.35
272	3/5/2007 06:31	10.93	35.701	22.47	9.61	7.95	4.5	1.34
273	3/5/2007 06:46	10.94	35.648	22.43	9.66	7.95	4.6	1.34
274	3/5/2007 07:01	10.96	35.696	22.47	9.67	7.95	4.9	1.38
275	3/5/2007 07:16	10.96	35.821	22.55	9.68	7.95	4.9	1.44
276	3/5/2007 07:31	10.95	35.805	22.54	9.66	7.95	5.5	1.49
277	3/5/2007 07:46	10.9	34.49	21.63	9.71	7.93	7.0	1.57
278	3/5/2007 08:01	10.92	35.149	22.09	9.69	7.94	6.7	1.65
279	3/5/2007 08:16	10.9	35.62	22.41	9.68	7.95	6.3	1.74
280	3/5/2007 08:31	10.9	35.993	22.67	9.67	7.95	7.4	1.82
281	3/5/2007 08:46	10.88	36.491	23.01	9.66	7.96	5.9	1.90
282	3/5/2007 09:01	10.85	36.881	23.28	9.63	7.96	6.0	1.99
283	3/5/2007 09:16	10.84	37.403	23.65	9.62	7.96	5.6	2.07
284	3/5/2007 09:31	10.8	37.863	23.96	9.63	7.97	6.1	2.15
285	3/5/2007 09:46	10.8	38.054	24.1	9.64	7.97	5.7	2.23
286	3/5/2007 10:01	10.8	38.369	24.32	9.61	7.97	7.5	2.31
287	3/5/2007 10:16	10.76	39.282	24.95	9.53	7.98	8.0	2.38

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	3/5/2007 10:31	10.75	39.347	25	9.5	7.98	6.2	2.47
289	3/5/2007 10:46	10.73	40.262	25.64	9.44	7.99	6.4	2.54
290	3/5/2007 11:01	10.66	41.451	26.47	9.32	7.99	8.6	2.61
291	3/5/2007 11:16	10.6	41.994	26.85	9.26	7.99	11.9	2.69
292	3/5/2007 11:31	10.58	42.224	27.02	9.22	7.99	11.6	2.77
293	3/5/2007 11:46	10.56	42.634	27.3	9.19	8	17.1	2.84
294	3/5/2007 12:01	10.56	42.928	27.51	9.19	8	10.1	2.90
295	3/5/2007 12:16	10.57	43.204	27.71	9.19	8	9.2	2.96
296	3/5/2007 12:31	10.55	43.546	27.95	9.19	8.01	8.9	3.00
297	3/5/2007 12:46	10.55	43.67	28.04	9.16	8.01	6.9	3.01
298	3/5/2007 13:01	10.57	43.499	27.92	9.12	8.01	6.5	3.02
299	3/5/2007 13:16	10.56	43.695	28.06	9.13	8.01	7.1	3.01
300	3/5/2007 13:31	10.56	43.578	27.97	9.16	8.01	6.0	2.97
301	3/5/2007 13:46	10.66	42.866	27.47	9.23	8.01	9.4	2.91
302	3/5/2007 14:01	10.69	42.648	27.32	9.23	8	6.8	2.84
303	3/5/2007 14:16	10.78	41.902	26.8	9.45	8.01	11.8	2.75
304	3/5/2007 14:31	11.09	41.025	26.19	9.76	8.02	10.3	2.66
305	3/5/2007 14:46	11.37	40.288	25.68	10.12	8.05	6.9	2.56
306	3/5/2007 15:01	11.5	39.987	25.48	10.17	8.06	6.5	2.46
307	3/5/2007 15:16	11.64	39.421	25.08	10.19	8.04	7.1	2.37
308	3/5/2007 15:31	11.68	39.245	24.96	10.24	8.06	6.8	2.26
309	3/5/2007 15:46	11.69	38.219	24.24	10.14	8.04	7.7	2.15
310	3/5/2007 16:01	11.86	37.798	23.96	10.38	8.07	5.7	2.04
311	3/5/2007 16:16	11.97	37.29	23.61	10.54	8.08	5.5	1.93
312	3/5/2007 16:31	12.01	37.03	23.43	10.51	8.07	5.6	1.82
313	3/5/2007 16:46	12.21	36.931	23.36	10.73	8.1	4.9	1.70
314	3/5/2007 17:01	12.3	36.59	23.13	10.74	8.09	4.7	1.59
315	3/5/2007 17:16	12.32	36.272	22.91	10.79	8.1	4.9	1.50
316	3/5/2007 17:31	12.34	36.019	22.73	10.83	8.1	5.0	1.39
317	3/5/2007 17:46	12.3	36.036	22.74	10.89	8.11	4.5	1.32
318	3/5/2007 18:01	12.28	35.941	22.68	10.81	8.11	4.7	1.25
319	3/5/2007 18:16	12.32	35.718	22.52	10.82	8.11	4.4	1.20
320	3/5/2007 18:31	12.27	35.818	22.59	10.68	8.09	4.5	1.19
321	3/5/2007 18:46	12.22	35.821	22.59	10.75	8.09	5.0	1.18
322	3/5/2007 19:01	12.2	35.783	22.56	10.73	8.09	4.1	1.20
323	3/5/2007 19:16	12.13	36.094	22.78	10.66	8.08	5.2	1.24
324	3/5/2007 19:31	12.04	36.401	22.99	10.59	8.07	5.5	1.31
325	3/5/2007 19:46	12.06	35.09	22.08	10.49	8.05	6.4	1.37
326	3/5/2007 20:01	12.05	35.452	22.33	10.45	8.05	7.1	1.45
327	3/5/2007 20:16	12.01	35.576	22.42	10.41	8.04	6.4	1.53
328	3/5/2007 20:31	11.95	36.042	22.74	10.36	8.04	5.6	1.62
329	3/5/2007 20:46	11.91	35.878	22.62	10.27	8.03	6.1	1.70
330	3/5/2007 21:01	11.84	36.648	23.15	10.18	8.02	6.3	1.79
331	3/5/2007 21:16	11.77	37.093	23.46	10.07	8.02	6.9	1.88
332	3/5/2007 21:31	11.72	37.119	23.48	10	8.01	6.0	1.98
333	3/5/2007 21:46	11.65	37.237	23.56	9.91	8	6.7	2.06
334	3/5/2007 22:01	11.53	38.481	24.42	9.79	8	6.8	2.15
335	3/5/2007 22:16	11.45	39.258	24.96	9.72	8	7.8	2.24

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	3/5/2007 22:31	11.36	40.026	25.5	9.63	8	10.0	2.32
337	3/5/2007 22:46	11.32	40.279	25.68	9.62	8.01	11.8	2.41
338	3/5/2007 23:01	11.28	40.457	25.8	9.59	8.01	12.5	2.49
339	3/5/2007 23:16	11.25	40.686	25.96	9.56	8.01	14.2	2.59
340	3/5/2007 23:31	11.19	41.048	26.21	9.52	8.01	12.7	2.67
341	3/5/2007 23:46	11.11	41.63	26.62	9.46	8.01	13.9	2.76
342	3/6/2007 00:01	11.04	42.371	27.14	9.41	8.01	11.8	2.85
343	3/6/2007 00:16	11.02	42.64	27.33	9.38	8.01	13.4	2.91
344	3/6/2007 00:31	10.99	42.723	27.39	9.38	8.02	7.4	2.98
345	3/6/2007 00:46	10.99	43.101	27.65	9.37	8.02	7.3	3.03
346	3/6/2007 01:01	11	43.192	27.72	9.36	8.02	6.6	3.08
347	3/6/2007 01:16	11.01	43.306	27.8	9.34	8.02	6.4	3.10
348	3/6/2007 01:31	11.01	43.09	27.65	9.31	8.02	6.7	3.10
349	3/6/2007 01:46	11.01	43.24	27.75	9.31	8.02	6.1	3.10
350	3/6/2007 02:01	11	43.255	27.76	9.32	8.02	7.1	3.05
351	3/6/2007 02:16	11.03	40.92	26.12	9.39	8.01	9.7	3.00
352	3/6/2007 02:31	11.08	41.013	26.18	9.35	8	8.8	2.91
353	3/6/2007 02:46	11.1	40.601	25.89	9.34	7.99	11.1	2.81
354	3/6/2007 03:01	11.11	40.5	25.82	9.34	8	8.9	2.72
355	3/6/2007 03:16	11.13	40.131	25.56	9.35	7.98	8.0	2.62
356	3/6/2007 03:31	11.15	39.985	25.46	9.31	7.98	7.5	2.51
357	3/6/2007 03:46	11.15	39.922	25.42	9.29	7.98	7.0	2.41
358	3/6/2007 04:01	11.24	39.271	24.97	9.37	7.98	6.3	2.32
359	3/6/2007 04:16	11.31	38.835	24.66	9.42	7.98	5.3	2.21
360	3/6/2007 04:31	11.32	38.52	24.44	9.4	7.97	6.1	2.10
361	3/6/2007 04:46	11.39	37.914	24.02	9.47	7.98	6.8	2.01
362	3/6/2007 05:01	11.39	37.802	23.94	9.47	7.97	5.8	1.92
363	3/6/2007 05:16	11.45	37.411	23.67	9.5	7.97	5.9	1.81
364	3/6/2007 05:31	11.44	37.49	23.73	9.48	7.97	5.5	1.70
365	3/6/2007 05:46	11.49	37.179	23.51	9.5	7.97	6.5	1.61
366	3/6/2007 06:01	11.49	37.033	23.41	9.48	7.97	6.4	1.53
367	3/6/2007 06:16	11.5	36.851	23.29	9.49	7.96	7.8	1.45
368	3/6/2007 06:31	11.54	36.538	23.07	9.5	7.96	6.1	1.38
369	3/6/2007 06:46	11.55	36.374	22.96	9.47	7.96	4.4	1.35
370	3/6/2007 07:01	11.54	36.67	23.16	9.48	7.97	4.1	1.33
371	3/6/2007 07:16	11.48	36.971	23.37	9.45	7.96	4.2	1.33
372	3/6/2007 07:31	11.54	36.571	23.09	9.53	7.97	3.8	1.35
373	3/6/2007 07:46	11.5	37.231	23.55	9.49	7.97	4.5	1.39
374	3/6/2007 08:01	11.55	36.683	23.17	9.56	7.97	3.8	1.44
375	3/6/2007 08:16	11.5	36.451	23.01	9.51	7.96	5.2	1.49
376	3/6/2007 08:31	11.49	35.734	22.51	9.54	7.95	6.1	1.58
377	3/6/2007 08:46	11.49	35.966	22.67	9.53	7.95	5.0	1.66
378	3/6/2007 09:01	11.51	36.517	23.05	9.53	7.96	5.1	1.74
379	3/6/2007 09:16	11.47	36.637	23.14	9.52	7.96	5.7	1.82
380	3/6/2007 09:31	11.45	37.2	23.53	9.53	7.97	5.3	1.89
381	3/6/2007 09:46	11.41	37.83	23.96	9.53	7.97	5.4	1.98
382	3/6/2007 10:01	11.37	38.451	24.4	9.52	7.98	5.3	2.06
383	3/6/2007 10:16	11.32	39.109	24.85	9.49	7.99	6.1	2.14

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
384	3/6/2007 10:31	11.29	39.446	25.09	9.48	7.99	6.0	2.22
385	3/6/2007 10:46	11.29	39.592	25.19	9.47	7.99	5.6	2.29
386	3/6/2007 11:01	11.26	40.015	25.49	9.45	7.99	5.7	2.37
387	3/6/2007 11:16	11.22	40.276	25.67	9.43	7.99	7.1	2.44
388	3/6/2007 11:31	11.24	40.461	25.8	9.44	8	7.2	2.51
389	3/6/2007 11:46	11.25	40.656	25.94	9.43	8	6.9	2.59
390	3/6/2007 12:01	11.17	40.858	26.08	9.4	8	7.5	2.65
391	3/6/2007 12:16	11.16	41.128	26.27	9.4	8	7.2	2.72
392	3/6/2007 12:31	11.06	41.574	26.58	9.37	8.01	9.0	2.78
393	3/6/2007 12:46	10.98	42.217	27.03	9.33	8.01	9.6	2.83
394	3/6/2007 13:01	10.97	42.493	27.22	9.33	8.01	6.4	2.87
395	3/6/2007 13:16	10.98	42.595	27.3	9.32	8.02	5.5	2.91
396	3/6/2007 13:31	10.97	42.525	27.25	9.28	8.01	6.6	2.92
397	3/6/2007 13:46	10.92	42.976	27.56	9.25	8.01	6.4	2.92
398	3/6/2007 14:01	11.2	42.008	26.89	9.41	8.02	4.9	2.90
399	3/6/2007 14:16	11.11	41.975	26.86	9.35	8.01	6.1	2.86
400	3/6/2007 14:31	11.76	40.948	26.16	9.66	8.03	4.7	2.80
401	3/6/2007 14:46	11.59	40.812	26.06	9.69	8.02	7.8	2.72
402	3/6/2007 15:01	11.94	40.178	25.63	10.08	8.06	5.5	2.64
403	3/6/2007 15:16	12.09	40.134	25.6	10.14	8.07	5.0	2.54
404	3/6/2007 15:31	12.19	40.043	25.54	10.11	8.07	5.1	2.46
405	3/6/2007 15:46	12.14	39.466	25.13	10.3	8.08	5.8	2.36
406	3/6/2007 16:01	12.2	39.128	24.9	10.34	8.08	4.9	2.25
407	3/6/2007 16:16	12.22	38.976	24.79	10.51	8.1	4.5	2.17
408	3/6/2007 16:31	12.31	38.449	24.43	10.55	8.1	4.8	2.08
409	3/6/2007 16:46	12.39	37.984	24.1	10.66	8.11	5.6	1.98
410	3/6/2007 17:01	12.44	37.492	23.76	10.71	8.11	4.8	1.88
411	3/6/2007 17:16	12.49	37.477	23.75	10.74	8.11	4.5	1.79
412	3/6/2007 17:31	12.58	37.231	23.58	10.78	8.12	4.1	1.71
413	3/6/2007 17:46	12.63	37.152	23.53	10.83	8.13	4.0	1.60
414	3/6/2007 18:01	12.65	37.092	23.49	10.85	8.13	3.8	1.52
415	3/6/2007 18:16	12.69	36.976	23.41	10.85	8.13	4.0	1.47
416	3/6/2007 18:31	12.69	36.979	23.41	10.79	8.13	4.4	1.42
417	3/6/2007 18:46	12.71	36.827	23.3	10.69	8.12	4.9	1.38
418	3/6/2007 19:01	12.67	36.802	23.28	10.77	8.12	4.9	1.36
419	3/6/2007 19:16	12.61	37.04	23.45	10.75	8.12	4.2	1.38
420	3/6/2007 19:31	12.53	36.988	23.41	10.61	8.1	4.6	1.39
421	3/6/2007 19:46	12.49	36.941	23.38	10.61	8.1	4.7	1.44
422	3/6/2007 20:01	12.49	36.941	23.38	10.62	8.11	4.9	1.49
423	3/6/2007 20:16	12.57	36.176	22.85	10.56	8.1	4.7	1.54
424	3/6/2007 20:31	12.54	36.596	23.14	10.55	8.09	4.4	1.62
425	3/6/2007 20:46	12.52	36.691	23.2	10.52	8.08	4.8	1.71
426	3/6/2007 21:01	12.48	36.876	23.33	10.45	8.08	4.7	1.78
427	3/6/2007 21:16	12.41	37.054	23.45	10.25	8.06	6.0	1.87
428	3/6/2007 21:31	12.36	37.269	23.6	10.23	8.05	5.5	1.96
429	3/6/2007 21:46	12.25	37.794	23.97	10.08	8.04	5.2	2.04
430	3/6/2007 22:01	11.99	38.813	24.67	9.83	8.02	6.1	2.12
431	3/6/2007 22:16	11.94	39.053	24.84	9.79	8.02	6.1	2.20

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	3/6/2007 22:31	11.88	39.645	25.25	9.74	8.02	6.5	2.28
433	3/6/2007 22:46	11.79	40.064	25.54	9.67	8.02	7.4	2.37
434	3/6/2007 23:01	11.73	40.315	25.72	9.65	8.02	8.2	2.44
435	3/6/2007 23:16	11.66	40.639	25.94	9.61	8.02	9.4	2.53
436	3/6/2007 23:31	11.56	40.961	26.17	9.56	8.02	10.2	2.62
437	3/6/2007 23:46	11.52	41.122	26.28	9.53	8.02	10.0	2.70
438	3/7/2007 00:01	11.42	41.622	26.63	9.49	8.02	9.6	2.79
439	3/7/2007 00:16	11.31	42.177	27.01	9.44	8.02	9.0	2.87
440	3/7/2007 00:31	11.2	42.793	27.45	9.38	8.03	7.7	2.95
441	3/7/2007 00:46	11.17	43.012	27.6	9.35	8.03	8.2	3.02
442	3/7/2007 01:01	11.14	43.254	27.77	9.33	8.03	6.5	3.06
443	3/7/2007 01:16	11.12	43.364	27.85	9.32	8.03	5.2	3.10
444	3/7/2007 01:31	11.11	43.492	27.94	9.3	8.03	5.4	3.14
445	3/7/2007 01:46	11.13	43.365	27.85	9.22	8.03	5.0	3.15
446	3/7/2007 02:01	11.12	43.552	27.98	9.26	8.03	5.0	3.13
447	3/7/2007 02:16	11.12	43.365	27.85	9.3	8.03	4.9	3.12
448	3/7/2007 02:31	11.14	42.867	27.5	9.31	8.03	6.1	3.06
449	3/7/2007 02:46	11.45	40.709	25.98	9.4	8.01	7.1	2.98
450	3/7/2007 03:01	11.5	40.222	25.64	9.39	8	5.9	2.93
451	3/7/2007 03:16	11.46	40.611	25.91	9.33	8	6.9	2.83
452	3/7/2007 03:31	11.45	40.962	26.16	9.43	8.02	11.6	2.73
453	3/7/2007 03:46	11.57	40.241	25.66	9.46	8.01	7.4	2.64
454	3/7/2007 04:01	11.61	39.924	25.44	9.47	8.01	6.5	2.53
455	3/7/2007 04:16	11.6	40.167	25.61	9.45	8.01	5.8	2.43
456	3/7/2007 04:31	11.65	39.623	25.23	9.38	8	4.6	2.33
457	3/7/2007 04:46	11.7	39.41	25.08	9.35	8	4.7	2.23
458	3/7/2007 05:01	11.86	38.501	24.45	9.49	8.01	5.8	2.11
459	3/7/2007 05:16	11.88	38.383	24.37	9.52	8.01	5.4	2.02
460	3/7/2007 05:31	11.92	38.062	24.14	9.51	8	4.9	1.92
461	3/7/2007 05:46	11.97	37.808	23.97	9.5	8	5.0	1.83
462	3/7/2007 06:01	11.96	37.876	24.01	9.48	8	4.2	1.74
463	3/7/2007 06:16	11.95	37.791	23.95	9.41	7.99	4.5	1.64
464	3/7/2007 06:31	12	37.57	23.8	9.41	8	4.5	1.53
465	3/7/2007 06:46	12.03	37.368	23.66	9.4	8	4.5	1.46
466	3/7/2007 07:01	12.03	37.313	23.62	9.36	7.99	5.2	1.38
467	3/7/2007 07:16	12.03	37.283	23.6	9.33	7.99	4.9	1.35
468	3/7/2007 07:31	12.01	37.533	23.78	9.16	7.98	4.1	1.30
469	3/7/2007 07:46	12.05	37.253	23.58	9.38	7.99	7.2	1.30
470	3/7/2007 08:01	12.03	37.329	23.63	9.4	7.99	4.4	1.32
471	3/7/2007 08:16	12.06	37.129	23.5	9.44	8	3.9	1.33
472	3/7/2007 08:31	12.04	37.655	23.86	9.44	8	4.1	1.38
473	3/7/2007 08:46	11.99	37.797	23.96	9.4	7.99	4.1	1.44
474	3/7/2007 09:01	12.01	36.516	23.07	9.42	7.98	5.3	1.51
475	3/7/2007 09:16	12.01	36.503	23.06	9.45	7.98	5.0	1.59
476	3/7/2007 09:31	12	36.238	22.87	9.47	7.98	4.5	1.66
477	3/7/2007 09:46	12	37.062	23.45	9.46	7.99	4.5	1.73
478	3/7/2007 10:01	11.95	37.016	23.41	9.45	7.99	4.4	1.81
479	3/7/2007 10:16	11.9	37.642	23.85	9.44	7.99	4.7	1.88

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	3/7/2007 10:31	11.87	37.908	24.03	9.45	7.99	4.5	1.95
481	3/7/2007 10:46	11.83	38.127	24.19	9.45	8	5.0	2.02
482	3/7/2007 11:01	11.76	38.827	24.67	9.47	8	4.3	2.10
483	3/7/2007 11:16	11.71	39.474	25.12	9.45	8.01	4.8	2.16
484	3/7/2007 11:31	11.74	39.08	24.85	9.48	8.01	4.3	2.24
485	3/7/2007 11:46	11.69	39.331	25.02	9.47	8.01	4.3	2.31
486	3/7/2007 12:01	11.59	40.213	25.64	9.38	8.01	4.5	2.37
487	3/7/2007 12:16	11.53	40.515	25.85	9.37	8.01	5.0	2.44
488	3/7/2007 12:31	11.52	40.627	25.93	9.38	8.01	5.2	2.50
489	3/7/2007 12:46	11.5	40.734	26	9.37	8.01	5.3	2.56
490	3/7/2007 13:01	11.49	40.8	26.05	9.37	8.01	5.2	2.62
491	3/7/2007 13:16	11.46	40.91	26.12	9.36	8.01	4.5	2.68
492	3/7/2007 13:31	11.41	41.124	26.27	9.34	8.01	4.8	2.72
493	3/7/2007 13:46	11.37	41.347	26.43	9.3	8.01	4.7	2.75
494	3/7/2007 14:01	11.34	41.552	26.57	9.25	8.01	4.3	2.78
495	3/7/2007 14:16	11.33	41.577	26.59	9.21	8.01	4.4	2.80
496	3/7/2007 14:31	11.34	41.567	26.58	9.23	8.01	4.8	2.80
497	3/7/2007 14:46	11.37	41.392	26.46	9.26	8.01	5.0	2.76
498	3/7/2007 15:01	11.45	41.048	26.22	9.32	8.01	4.7	2.71
499	3/7/2007 15:16	11.9	40.471	25.83	9.58	8.04	5.0	2.66
500	3/7/2007 15:31	12.05	40.533	25.88	9.79	8.06	4.5	2.59
501	3/7/2007 15:46	12.14	40.327	25.74	9.92	8.07	4.9	2.50
502	3/7/2007 16:01	12.02	40.282	25.7	9.79	8.05	4.9	2.42
503	3/7/2007 16:16	12.03	40.058	25.55	9.82	8.05	4.5	2.33
504	3/7/2007 16:31	12.11	39.552	25.19	10.01	8.07	5.8	2.25
505	3/7/2007 16:46	12.23	38.922	24.75	10	8.07	4.8	2.17
506	3/7/2007 17:01	12.25	38.42	24.4	10.08	8.07	4.5	2.07
507	3/7/2007 17:16	12.3	38.253	24.29	10.16	8.08	4.0	2.00
508	3/7/2007 17:31	12.37	37.921	24.06	10.21	8.08	3.9	1.92
509	3/7/2007 17:46	12.41	37.955	24.08	10.28	8.09	3.8	1.84
510	3/7/2007 18:01	12.43	37.628	23.85	10.32	8.1	3.5	1.76
511	3/7/2007 18:16	12.46	37.386	23.69	10.34	8.1	3.2	1.70
512	3/7/2007 18:31	12.47	37.403	23.7	10.36	8.1	3.1	1.64
513	3/7/2007 18:46	12.47	37.315	23.64	10.32	8.1	3.3	1.59
514	3/7/2007 19:01	12.47	37.3	23.63	10.23	8.09	3.2	1.57
515	3/7/2007 19:16	12.48	37.2	23.56	10.2	8.09	2.6	1.53
516	3/7/2007 19:31	12.42	37.389	23.69	10.23	8.09	3.0	1.54
517	3/7/2007 19:46	12.36	37.555	23.8	10.14	8.08	3.1	1.55
518	3/7/2007 20:01	12.35	37.368	23.67	10.25	8.09	2.8	1.57
519	3/7/2007 20:16	12.36	37.361	23.67	10.22	8.09	2.9	1.62
520	3/7/2007 20:31	12.34	37.644	23.86	10.13	8.08	3.9	1.66
521	3/7/2007 20:46	12.27	37.053	23.45	10.13	8.07	3.8	1.72
522	3/7/2007 21:01	12.31	37.179	23.54	10.03	8.06	4.1	1.78
523	3/7/2007 21:16	12.3	37.383	23.68	10	8.06	4.2	1.86
524	3/7/2007 21:31	12.25	37.694	23.9	9.91	8.05	4.5	1.93
525	3/7/2007 21:46	12.2	37.73	23.92	9.87	8.04	4.5	2.01
526	3/7/2007 22:01	12.07	38.798	24.66	9.75	8.04	4.9	2.07
527	3/7/2007 22:16	12.02	38.879	24.72	9.68	8.03	4.6	2.14

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	3/7/2007 22:31	11.93	39.296	25.01	9.62	8.03	4.9	2.23
529	3/7/2007 22:46	11.9	39.214	24.95	9.63	8.03	4.6	2.29
530	3/7/2007 23:01	11.79	39.412	25.08	9.59	8.03	4.4	2.37
531	3/7/2007 23:16	11.69	39.921	25.44	9.56	8.03	4.3	2.45
532	3/7/2007 23:31	11.64	40.519	25.86	9.46	8.02	4.2	2.53
533	3/7/2007 23:46	11.58	40.871	26.1	9.44	8.02	5.1	2.60
534	3/8/2007 00:01	11.49	41.309	26.41	9.38	8.02	6.0	2.68
535	3/8/2007 00:16	11.4	41.69	26.67	9.34	8.02	7.6	2.77
536	3/8/2007 00:31	11.35	42.04	26.92	9.34	8.03	6.7	2.84
537	3/8/2007 00:46	11.28	42.345	27.13	9.33	8.03	8.1	2.91
538	3/8/2007 01:01	11.19	42.851	27.49	9.32	8.03	7.7	2.98
539	3/8/2007 01:16	11.14	43.121	27.68	9.32	8.04	6.7	3.04
540	3/8/2007 01:31	11.1	43.375	27.85	9.34	8.04	5.6	3.09
541	3/8/2007 01:46	11.07	43.531	27.96	9.33	8.04	5.4	3.12
542	3/8/2007 02:01	11.06	43.632	28.03	9.27	8.04	4.1	3.15
543	3/8/2007 02:16	11.07	43.598	28.01	9.26	8.04	5.2	3.15
544	3/8/2007 02:31	11.18	41.415	26.47	9.29	8.03	6.6	3.13
545	3/8/2007 02:46	11.05	43.716	28.09	9.28	8.04	4.9	3.09
546	3/8/2007 03:01	11.18	40.916	26.12	9.27	8.02	5.5	3.04
547	3/8/2007 03:16	11.26	40.841	26.07	9.26	8.02	5.4	2.97
548	3/8/2007 03:31	11.36	40.735	26	9.21	8.01	6.3	2.90
549	3/8/2007 03:46	11.28	40.755	26.01	9.23	8.01	5.6	2.79
550	3/8/2007 04:01	11.25	39.978	25.46	9.26	8.01	6.8	2.69
551	3/8/2007 04:16	11.15	40.415	25.76	9.21	8	3.6	2.62
552	3/8/2007 04:31	11.29	39.757	25.31	9.24	8	4.4	2.50
553	3/8/2007 04:46	11.32	39.887	25.4	9.23	8	5.0	2.41
554	3/8/2007 05:01	11.45	38.992	24.78	9.32	8.01	7.9	2.31
555	3/8/2007 05:16	11.32	38.991	24.77	9.26	8	5.3	2.20
556	3/8/2007 05:31	11.32	38.543	24.46	9.28	8	4.5	2.11
557	3/8/2007 05:46	11.28	38.262	24.26	9.25	8	5.2	2.00
558	3/8/2007 06:01	11.3	38.008	24.08	9.28	8	4.7	1.90
559	3/8/2007 06:16	11.31	38.018	24.09	9.26	8	4.6	1.80
560	3/8/2007 06:31	11.31	37.993	24.07	9.23	8	3.9	1.70
561	3/8/2007 06:46	11.32	37.854	23.98	9.22	7.99	3.9	1.59
562	3/8/2007 07:01	11.29	37.669	23.85	9.2	7.99	3.8	1.51
563	3/8/2007 07:16	11.29	37.536	23.75	9.19	7.99	3.8	1.44
564	3/8/2007 07:31	11.26	37.617	23.81	9.16	7.99	3.8	1.35
565	3/8/2007 07:46	11.31	37.558	23.77	9.16	7.99	3.9	1.32
566	3/8/2007 08:01	11.27	37.257	23.56	9.18	7.99	4.3	1.29
567	3/8/2007 08:16	11.25	37.506	23.73	9.18	7.99	3.6	1.25
568	3/8/2007 08:31	11.29	37.527	23.75	9.24	8	3.4	1.27
569	3/8/2007 08:46	11.33	37.477	23.72	9.26	8	3.3	1.30
570	3/8/2007 09:01	11.36	37.534	23.76	9.27	8	3.4	1.33
571	3/8/2007 09:16	11.37	37.822	23.96	9.21	7.99	3.8	1.39
572	3/8/2007 09:31	11.37	36.741	23.2	9.29	7.98	4.2	1.45
573	3/8/2007 09:46	11.36	36.795	23.24	9.29	7.98	4.2	1.50
574	3/8/2007 10:01	11.37	37.192	23.52	9.28	7.99	4.1	1.58
575	3/8/2007 10:16	11.39	37.22	23.54	9.27	7.99	4.2	1.64

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	3/8/2007 10:31	11.39	37.234	23.55	9.25	7.98	3.9	1.70
577	3/8/2007 10:46	11.4	37.485	23.72	9.26	7.99	4.0	1.77
578	3/8/2007 11:01	11.42	37.917	24.03	9.28	7.99	4.1	1.83
579	3/8/2007 11:16	11.43	38.275	24.28	9.32	8	4.1	1.90
580	3/8/2007 11:31	11.45	38.519	24.45	9.32	8	4.2	1.97
581	3/8/2007 11:46	11.46	38.823	24.66	9.34	8	4.1	2.04
582	3/8/2007 12:01	11.55	38.708	24.58	9.38	8.01	4.1	2.11
583	3/8/2007 12:16	11.6	38.923	24.73	9.39	8.01	4.1	2.18
584	3/8/2007 12:31	11.54	39.466	25.11	9.36	8.01	4.2	2.25
585	3/8/2007 12:46	11.68	39.491	25.14	9.39	8.01	3.7	2.30
586	3/8/2007 13:01	11.65	39.989	25.48	9.36	8.01	3.7	2.36
587	3/8/2007 13:16	11.59	40.255	25.67	9.36	8.02	3.6	2.41
588	3/8/2007 13:31	11.65	40.406	25.78	9.35	8.02	3.6	2.46
589	3/8/2007 13:46	11.69	40.529	25.87	9.37	8.02	3.4	2.51
590	3/8/2007 14:01	11.82	40.593	25.91	9.39	8.02	3.1	2.55
591	3/8/2007 14:16	11.67	40.862	26.1	9.32	8.02	3.1	2.59
592	3/8/2007 14:31	11.49	41.132	26.28	9.27	8.02	3.1	2.61
593	3/8/2007 14:46	11.37	41.278	26.38	9.12	8.01	1.8	2.64
594	3/8/2007 15:01	11.32	41.381	26.45	9.2	8.01	4.4	2.64
595	3/8/2007 15:16	11.31	41.401	26.47	9.2	8.01	3.9	2.63
596	3/8/2007 15:31	11.75	40.625	25.93	9.39	8.02	3.3	2.61
597	3/8/2007 15:46	11.62	40.69	25.98	9.32	8.02	3.4	2.57
598	3/8/2007 16:01	11.7	40.422	25.79	9.38	8.02	3.9	2.51
599	3/8/2007 16:16	11.74	40.234	25.66	9.46	8.03	3.8	2.45
600	3/8/2007 16:31	12.06	39.765	25.34	9.82	8.06	3.6	2.41
601	3/8/2007 16:46	12.42	39.574	25.22	10.22	8.1	3.5	2.34
602	3/8/2007 17:01	12.43	39.366	25.07	10.44	8.12	4.7	2.25
603	3/8/2007 17:16	12.4	38.906	24.75	10.59	8.14	3.9	2.17
604	3/8/2007 17:31	12.33	38.599	24.53	10.3	8.1	4.5	2.12
605	3/8/2007 17:46	12.41	38.392	24.39	10.44	8.12	3.7	2.03
606	3/8/2007 18:01	12.32	38.045	24.14	10.36	8.11	3.8	1.98
607	3/8/2007 18:16	12.34	37.884	24.03	10.46	8.12	3.4	1.92
608	3/8/2007 18:31	12.33	37.925	24.06	10.39	8.12	3.0	1.86
609	3/8/2007 18:46	12.4	38.16	24.23	10.53	8.14	3.4	1.81
610	3/8/2007 19:01	12.37	37.775	23.96	10.55	8.14	2.9	1.78
611	3/8/2007 19:16	12.42	37.712	23.91	10.69	8.16	3.2	1.74
612	3/8/2007 19:31	12.38	37.829	23.99	10.58	8.14	2.3	1.73
613	3/8/2007 19:46	12.36	38.059	24.15	10.45	8.14	2.3	1.70
614	3/8/2007 20:01	12.35	37.827	23.99	10.58	8.14	2.8	1.72
615	3/8/2007 20:16	12.35	37.713	23.91	10.7	8.15	2.8	1.72
616	3/8/2007 20:31	12.33	37.565	23.81	10.78	8.16	2.8	1.74
617	3/8/2007 20:46	12.28	37.85	24.01	10.52	8.13	3.4	1.78
618	3/8/2007 21:01	12.25	37.989	24.1	10.4	8.12	3.3	1.81
619	3/8/2007 21:16	12.27	37.887	24.03	10.48	8.12	3.1	1.87
620	3/8/2007 21:31	12.21	37.887	24.03	10.31	8.11	3.7	1.92
621	3/8/2007 21:46	12.19	38.342	24.35	10.13	8.09	4.2	1.99
622	3/8/2007 22:01	12.21	38.333	24.34	10.11	8.09	3.8	2.04
623	3/8/2007 22:16	12.08	38.982	24.79	9.99	8.07	3.6	2.12

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	3/8/2007 22:31	12.11	38.852	24.7	9.96	8.07	4.4	2.18
625	3/8/2007 22:46	12.03	39.204	24.95	9.91	8.07	3.6	2.24
626	3/8/2007 23:01	11.96	39.353	25.05	9.83	8.06	4.3	2.33
627	3/8/2007 23:16	11.86	39.854	25.4	9.77	8.06	4.9	2.40
628	3/8/2007 23:31	11.8	39.874	25.41	9.78	8.06	5.1	2.47
629	3/8/2007 23:46	11.7	40.125	25.58	9.69	8.05	3.9	2.55
630	3/9/2007 00:01	11.6	40.54	25.87	9.59	8.05	4.1	2.61
631	3/9/2007 00:16	11.54	40.843	26.08	9.56	8.05	3.9	2.69
632	3/9/2007 00:31	11.44	41.754	26.72	9.44	8.04	4.7	2.75
633	3/9/2007 00:46	11.28	42.966	27.57	9.33	8.04	4.7	2.82
634	3/9/2007 01:01	11.19	43.345	27.84	9.25	8.04	4.1	2.89
635	3/9/2007 01:16	11.16	43.578	28	9.21	8.04	3.8	2.95
636	3/9/2007 01:31	11.02	44.561	28.69	9.1	8.03	4.1	3.00
637	3/9/2007 01:46	11.06	44.289	28.5	9.17	8.04	3.6	3.05
638	3/9/2007 02:01	11.05	44.517	28.66	9.21	8.04	4.1	3.09
639	3/9/2007 02:16	11.05	44.554	28.69	9.24	8.05	3.9	3.10
640	3/9/2007 02:31	11.05	44.593	28.72	9.16	8.04	3.1	3.14
641	3/9/2007 02:46	11.06	44.421	28.6	9.02	8.03	3.3	3.13
642	3/9/2007 03:01	11.04	44.686	28.78	9.07	8.03	4.1	3.09
643	3/9/2007 03:16	11.11	44.204	28.44	9.05	8.03	3.7	3.07
644	3/9/2007 03:31	11.28	41.639	26.63	9.18	8.03	5.2	3.01
645	3/9/2007 03:46	11.39	39.888	25.4	9.35	8.03	3.9	2.94
646	3/9/2007 04:01	11.3	41.856	26.79	9.25	8.03	3.4	2.87
647	3/9/2007 04:16	11.3	42.162	27	9.23	8.03	3.8	2.79
648	3/9/2007 04:31	11.39	40.757	26.01	9.25	8.03	4.1	2.69
649	3/9/2007 04:46	11.39	40.861	26.09	9.27	8.03	4.2	2.61
650	3/9/2007 05:01	11.41	40.392	25.76	9.26	8.02	3.9	2.53
651	3/9/2007 05:16	11.42	40.934	26.14	9.24	8.03	3.8	2.43
652	3/9/2007 05:31	11.42	40.465	25.81	9.22	8.02	3.6	2.34
653	3/9/2007 05:46	11.35	40.751	26.01	9.2	8.02	3.3	2.25
654	3/9/2007 06:01	11.42	40.031	25.51	9.33	8.03	3.3	2.15
655	3/9/2007 06:16	11.46	39.696	25.27	9.36	8.04	3.4	2.07
656	3/9/2007 06:31	11.54	39.355	25.03	9.4	8.04	3.8	1.96
657	3/9/2007 06:46	11.56	39.126	24.88	9.38	8.04	3.5	1.87
658	3/9/2007 07:01	11.6	38.97	24.77	9.38	8.04	4.0	1.76
659	3/9/2007 07:16	11.51	38.988	24.78	9.32	8.03	3.7	1.66
660	3/9/2007 07:31	11.59	38.776	24.63	9.37	8.04	3.7	1.58
661	3/9/2007 07:46	11.61	38.616	24.52	9.41	8.04	3.9	1.49
662	3/9/2007 08:01	11.67	38.381	24.36	9.45	8.05	4.1	1.40
663	3/9/2007 08:16	11.73	38.115	24.17	9.53	8.06	3.4	1.37
664	3/9/2007 08:31	11.77	37.985	24.08	9.51	8.07	3.4	1.33
665	3/9/2007 08:46	11.76	37.947	24.06	9.55	8.07	3.1	1.27
666	3/9/2007 09:01	11.72	38.409	24.38	9.46	8.05	3.0	1.27
667	3/9/2007 09:16	11.75	37.997	24.09	9.57	8.07	3.3	1.29
668	3/9/2007 09:31	11.74	38.085	24.15	9.56	8.06	3.2	1.30
669	3/9/2007 09:46	11.72	38.262	24.28	9.53	8.06	3.4	1.32
670	3/9/2007 10:01	11.72	38.286	24.29	9.54	8.06	3.2	1.35
671	3/9/2007 10:16	11.71	38.095	24.16	9.54	8.05	3.6	1.44

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	3/9/2007 10:31	11.69	38.128	24.18	9.47	8.04	4.3	1.48
673	3/9/2007 10:46	11.72	38.212	24.24	9.47	8.04	3.5	1.52
674	3/9/2007 11:01	11.71	38.417	24.38	9.43	8.04	3.5	1.60
675	3/9/2007 11:16	11.7	38.726	24.6	9.38	8.03	3.4	1.66
676	3/9/2007 11:31	11.67	38.489	24.43	9.4	8.03	3.4	1.72
677	3/9/2007 11:46	11.64	38.964	24.76	9.39	8.03	3.6	1.77
678	3/9/2007 12:01	11.62	39.202	24.93	9.38	8.03	3.4	1.83
679	3/9/2007 12:16	11.59	39.558	25.18	9.36	8.03	3.4	1.90
680	3/9/2007 12:31	11.56	39.611	25.22	9.38	8.03	3.6	1.95
681	3/9/2007 12:46	11.55	39.661	25.25	9.39	8.03	3.7	2.01
682	3/9/2007 13:01	11.54	39.884	25.41	9.39	8.04	3.6	2.06
683	3/9/2007 13:16	11.54	39.999	25.49	9.4	8.04	3.4	2.13
684	3/9/2007 13:31	11.55	40.015	25.5	9.41	8.04	3.4	2.18
685	3/9/2007 13:46	11.56	40.098	25.56	9.39	8.04	3.3	2.23
686	3/9/2007 14:01	11.54	40.398	25.77	9.38	8.04	3.1	2.28
687	3/9/2007 14:16	11.56	40.466	25.82	9.39	8.04	3.2	2.33
688	3/9/2007 14:31	11.58	40.559	25.88	9.41	8.04	3.1	2.37
689	3/9/2007 14:46	11.58	40.733	26.01	9.4	8.04	3.0	2.40
690	3/9/2007 15:01	11.52	41.019	26.2	9.32	8.04	2.9	2.44
691	3/9/2007 15:16	11.42	41.452	26.51	9.24	8.03	2.8	2.46
692	3/9/2007 15:31	11.41	41.524	26.56	9.17	8.03	2.4	2.48
693	3/9/2007 15:46	11.41	41.509	26.55	9.15	8.03	2.8	2.48
694	3/9/2007 16:01	11.46	41.207	26.33	9.18	8.03	2.6	2.48
695	3/9/2007 16:16	11.41	41.503	26.54	9.16	8.03	2.7	2.46
696	3/9/2007 16:31	11.43	41.326	26.42	9.17	8.03	2.8	2.43
697	3/9/2007 16:46	11.45	41.144	26.29	9.17	8.03	2.9	2.40
698	3/9/2007 17:01	11.51	40.839	26.08	9.28	8.04	8.9	2.33
699	3/9/2007 17:16	11.56	40.55	25.87	9.34	8.04	2.8	2.30
700	3/9/2007 17:31	11.55	40.353	25.74	9.35	8.04	3.3	2.25
701	3/9/2007 17:46	11.56	40.231	25.65	9.44	8.05	3.1	2.19
702	3/9/2007 18:01	11.58	40.186	25.62	9.66	8.07	3.1	2.15
703	3/9/2007 18:16	11.69	39.593	25.21	9.94	8.1	2.9	2.11
704	3/9/2007 18:31	11.69	39.445	25.1	9.83	8.09	2.6	2.07
705	3/9/2007 18:46	11.69	39.357	25.04	9.75	8.08	2.6	2.02
706	3/9/2007 19:01	11.71	39.245	24.96	9.64	8.07	2.5	1.99
707	3/9/2007 19:16	11.77	38.706	24.59	9.71	8.08	2.8	1.96
708	3/9/2007 19:31	11.7	38.946	24.75	9.62	8.07	3.0	1.93
709	3/9/2007 19:46	11.74	39.184	24.92	9.58	8.07	2.2	1.92
710	3/9/2007 20:01	11.76	38.86	24.7	9.43	8.06	1.4	1.91
711	3/9/2007 20:16	11.83	38.576	24.5	9.64	8.09	3.6	1.89
712	3/9/2007 20:31	11.76	39.053	24.83	9.67	8.08	3.2	1.90
713	3/9/2007 20:46	11.74	39.151	24.9	9.63	8.07	3.0	1.91
714	3/9/2007 21:01	11.75	38.999	24.79	9.67	8.07	3.1	1.94
715	3/9/2007 21:16	11.73	39.186	24.92	9.72	8.08	3.1	1.97
716	3/9/2007 21:31	11.67	39.557	25.18	9.58	8.06	3.1	2.00
717	3/9/2007 21:46	11.69	39.395	25.07	9.67	8.07	3.1	2.05
718	3/9/2007 22:01	11.6	40.054	25.53	9.43	8.04	3.4	2.08
719	3/9/2007 22:16	11.62	39.869	25.4	9.52	8.05	3.2	2.13

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	3/9/2007 22:31	11.48	40.925	26.14	9.33	8.04	3.0	2.18
721	3/9/2007 22:46	11.53	40.615	25.92	9.42	8.04	3.3	2.24
722	3/9/2007 23:01	11.54	40.524	25.86	9.41	8.04	3.0	2.30
723	3/9/2007 23:16	11.53	40.591	25.9	9.41	8.04	3.2	2.34
724	3/9/2007 23:31	11.52	40.673	25.96	9.43	8.05	3.1	2.41
725	3/9/2007 23:46	11.4	41.515	26.55	9.36	8.04	3.3	2.47
726	3/10/2007 00:01	11.38	41.719	26.69	9.37	8.04	3.8	2.54
727	3/10/2007 00:16	11.42	41.294	26.39	9.4	8.05	3.3	2.59
728	3/10/2007 00:31	11.33	42.009	26.9	9.33	8.05	3.9	2.67
729	3/10/2007 00:46	11.25	42.639	27.34	9.28	8.04	3.4	2.74
730	3/10/2007 01:01	11.21	42.903	27.52	9.23	8.04	3.3	2.80
731	3/10/2007 01:16	11.19	43.05	27.63	9.23	8.04	3.6	2.85
732	3/10/2007 01:31	11.15	43.235	27.76	9.2	8.04	3.6	2.93
733	3/10/2007 01:46	11.08	43.687	28.07	9.14	8.04	3.6	2.97
734	3/10/2007 02:01	11.01	44.178	28.42	9.11	8.04	3.8	3.01
735	3/10/2007 02:16	11	44.24	28.46	9.14	8.04	4.0	3.06
736	3/10/2007 02:31	10.99	44.223	28.45	9.14	8.04	3.4	3.09
737	3/10/2007 02:46	10.98	44.381	28.56	9.15	8.04	3.7	3.10
738	3/10/2007 03:01	10.99	44.401	28.58	9.01	8.03	3.3	3.11
739	3/10/2007 03:16	10.96	44.614	28.73	8.91	8.03	2.3	3.11
740	3/10/2007 03:31	10.99	44.312	28.52	9.04	8.03	2.9	3.08
741	3/10/2007 03:46	11.17	42.146	26.99	9.09	8.03	4.1	3.05
742	3/10/2007 04:01	11.25	40.671	25.95	9.1	8.03	3.1	3.01
743	3/10/2007 04:16	11.23	40.269	25.67	9.2	8.03	3.9	2.95
744	3/10/2007 04:31	11.19	41.994	26.88	9.18	8.03	3.3	2.88
745	3/10/2007 04:46	11.23	41.496	26.53	9.13	8.03	3.6	2.81
746	3/10/2007 05:01	11.24	41.982	26.87	9.14	8.03	3.3	2.74
747	3/10/2007 05:16	11.24	41.074	26.23	9.11	8.02	3.5	2.66
748	3/10/2007 05:31	11.24	41.163	26.29	9.05	8.01	3.1	2.56
749	3/10/2007 05:46	11.24	40.895	26.11	9.03	8.01	3.5	2.50
750	3/10/2007 06:01	11.29	40.558	25.87	9.11	8.02	3.8	2.41
751	3/10/2007 06:16	11.27	40.511	25.84	9.13	8.03	3.2	2.32
752	3/10/2007 06:31	11.24	40.472	25.81	9.14	8.03	3.4	2.24
753	3/10/2007 06:46	11.29	40.268	25.67	9.16	8.03	3.8	2.14
754	3/10/2007 07:01	11.29	40.015	25.49	9.16	8.03	4.2	2.05
755	3/10/2007 07:16	11.32	39.813	25.35	9.09	8.03	3.7	1.96
756	3/10/2007 07:31	11.29	39.768	25.32	9.11	8.02	3.6	1.88
757	3/10/2007 07:46	11.29	39.754	25.31	9.19	8.03	3.5	1.78
758	3/10/2007 08:01	11.33	39.565	25.17	9.27	8.04	3.1	1.69
759	3/10/2007 08:16	11.38	39.482	25.12	9.3	8.04	3.4	1.60
760	3/10/2007 08:31	11.44	39.309	25	9.3	8.04	3.5	1.52
761	3/10/2007 08:46	11.48	39.27	24.97	9.37	8.05	3.2	1.46
762	3/10/2007 09:01	11.54	39.035	24.81	9.32	8.04	2.8	1.41
763	3/10/2007 09:16	11.55	39.004	24.79	9.36	8.05	3.8	1.34
764	3/10/2007 09:31	11.56	39.133	24.88	9.36	8.05	3.1	1.34
765	3/10/2007 09:46	11.57	39.337	25.02	9.33	8.04	3.0	1.33
766	3/10/2007 10:01	11.65	39.218	24.94	9.29	8.04	2.7	1.31
767	3/10/2007 10:16	11.66	39.164	24.9	9.31	8.04	3.0	1.34

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	3/10/2007 10:31	11.64	39.182	24.92	9.29	8.04	2.9	1.36
769	3/10/2007 10:46	11.66	39.219	24.94	9.28	8.04	2.6	1.39
770	3/10/2007 11:01	11.6	39.296	25	9.2	8.03	2.7	1.44
771	3/10/2007 11:16	11.59	39.344	25.03	9.16	8.03	3.0	1.46
772	3/10/2007 11:31	11.56	39.389	25.06	9.13	8.02	2.8	1.52
773	3/10/2007 11:46	11.56	39.31	25	9.13	8.02	3.3	1.57
774	3/10/2007 12:01	11.52	39.358	25.04	9.16	8.02	2.8	1.61
775	3/10/2007 12:16	11.54	39.244	24.96	9.14	8.02	2.8	1.67
776	3/10/2007 12:31	11.52	39.33	25.02	9.11	8.02	2.8	1.72
777	3/10/2007 12:46	11.48	39.494	25.13	9.1	8.02	2.9	1.77
778	3/10/2007 13:01	11.42	39.841	25.37	9.09	8.02	2.8	1.83
779	3/10/2007 13:16	11.41	39.983	25.47	9.1	8.02	2.9	1.87
780	3/10/2007 13:31	11.38	40.253	25.66	9.11	8.02	3.0	1.93
781	3/10/2007 13:46	11.36	40.431	25.78	9.11	8.02	3.0	1.99
782	3/10/2007 14:01	11.37	40.522	25.85	9.17	8.03	3.3	2.03
783	3/10/2007 14:16	11.36	40.761	26.02	9.15	8.03	3.0	2.09
784	3/10/2007 14:31	11.33	40.999	26.18	9.14	8.03	3.0	2.14
785	3/10/2007 14:46	11.32	41.182	26.31	9.11	8.03	3.1	2.19
786	3/10/2007 15:01	11.34	41.185	26.31	9.13	8.03	2.8	2.21
787	3/10/2007 15:16	11.38	41.151	26.29	9.15	8.03	2.7	2.26
788	3/10/2007 15:31	11.36	41.315	26.41	9.16	8.03	2.9	2.29
789	3/10/2007 15:46	11.36	41.356	26.44	9.15	8.03	2.8	2.31
790	3/10/2007 16:01	11.37	41.397	26.47	9.14	8.03	2.8	2.35
791	3/10/2007 16:16	11.34	41.492	26.53	9.09	8.03	2.7	2.36
792	3/10/2007 16:31	11.45	41.09	26.25	9.03	8.03	1.0	2.38
793	3/10/2007 16:46	11.46	40.936	26.14	9.03	8.03	1.3	2.40
794	3/10/2007 17:01	11.39	41.165	26.3	9.05	8.03	2.1	2.38
795	3/10/2007 17:16	11.27	41.628	26.62	8.91	8.02	2.5	2.37
796	3/10/2007 17:31	11.41	41.344	26.43	9.05	8.03	2.5	2.37
797	3/10/2007 17:46	11.47	41.185	26.32	9.05	8.02	2.2	2.33
798	3/10/2007 18:01	11.43	41.223	26.34	9.03	8.02	2.8	2.29
799	3/10/2007 18:16	11.5	40.961	26.16	9.01	8.02	2.5	2.28
800	3/10/2007 18:31	11.46	40.625	25.92	9.03	8.02	2.4	2.24
801	3/10/2007 18:46	11.46	40.572	25.89	9.06	8.02	2.6	2.20
802	3/10/2007 19:01	11.55	40.458	25.81	9.16	8.03	3.4	2.17
803	3/10/2007 19:16	11.67	40.132	25.58	9.34	8.05	2.9	2.13
804	3/10/2007 19:31	11.78	40.08	25.55	9.48	8.06	2.8	2.10
805	3/10/2007 19:46	11.77	40.099	25.57	9.52	8.07	2.7	2.07
806	3/10/2007 20:01	12.09	39.787	25.36	10.27	8.14	2.5	2.05
807	3/10/2007 20:16	12.14	39.694	25.29	10.45	8.15	1.9	2.03
808	3/10/2007 20:31	12.38	39.343	25.05	10.81	8.19	1.7	2.02
809	3/10/2007 20:46	12.57	39.377	25.08	10.69	8.16	2.8	2.03
810	3/10/2007 21:01	12.51	39.453	25.13	10.36	8.15	2.7	2.03
811	3/10/2007 21:16	12.1	39.84	25.39	9.82	8.09	2.9	2.04
812	3/10/2007 21:31	12.37	39.35	25.06	10.3	8.14	2.8	2.05
813	3/10/2007 21:46	12.14	39.792	25.36	9.77	8.09	3.0	2.08
814	3/10/2007 22:01	11.84	40.137	25.59	9.7	8.07	2.8	2.09
815	3/10/2007 22:16	11.96	39.946	25.46	9.91	8.09	2.8	2.13

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	3/10/2007 22:31	11.66	40.506	25.85	9.33	8.04	2.6	2.17
817	3/10/2007 22:46	11.67	40.662	25.96	9.36	8.04	3.1	2.19
818	3/10/2007 23:01	11.71	40.639	25.94	9.54	8.06	2.7	2.23
819	3/10/2007 23:16	11.52	41.245	26.36	9.19	8.03	2.7	2.28
820	3/10/2007 23:31	11.45	41.632	26.63	9.17	8.03	2.7	2.32
821	3/10/2007 23:46	11.45	41.656	26.65	9.16	8.03	3.1	2.35
822	3/11/2007 00:01	11.39	41.919	26.83	9.13	8.03	3.3	2.41
823	3/11/2007 00:16	11.34	42.273	27.08	9.13	8.03	2.7	2.47
824	3/11/2007 00:31	11.28	42.73	27.4	9.16	8.03	2.8	2.52
825	3/11/2007 00:46	11.23	43.14	27.69	9.17	8.03	2.7	2.57
826	3/11/2007 01:01	11.19	43.542	27.98	9.19	8.04	3.0	2.63
827	3/11/2007 01:16	11.2	43.495	27.94	9.21	8.04	3.1	2.69
828	3/11/2007 01:31	11.21	43.357	27.85	9.23	8.04	3.4	2.75
829	3/11/2007 01:46	11.25	43.239	27.76	9.23	8.04	3.1	2.80
830	3/11/2007 02:01	11.17	43.927	28.25	9.21	8.04	3.2	2.85
831	3/11/2007 02:16	11.15	44.027	28.32	9.2	8.04	3.3	2.91
832	3/11/2007 02:31	11.16	43.994	28.3	9.2	8.04	3.1	2.93
833	3/11/2007 02:46	11.07	44.67	28.77	9.17	8.04	3.3	2.98
834	3/11/2007 03:01	11.05	44.944	28.97	9.16	8.04	3.5	3.00
835	3/11/2007 03:16	11.07	44.602	28.73	9.05	8.03	2.7	3.02
836	3/11/2007 03:31	11.18	43.737	28.12	9	8.03	2.3	3.05
837	3/11/2007 03:46	11.05	44.63	28.74	9.02	8.03	2.8	3.04
838	3/11/2007 04:01	11.17	43.775	28.14	9.11	8.03	2.5	3.03
839	3/11/2007 04:16	11.19	43.715	28.1	9.11	8.03	2.4	2.99
840	3/11/2007 04:31	11.17	43.737	28.11	9.1	8.03	2.8	2.97
841	3/11/2007 04:46	11.42	40.942	26.15	9.19	8.04	2.8	2.93
842	3/11/2007 05:01	11.36	40.907	26.12	9.22	8.04	3.0	2.86
843	3/11/2007 05:16	11.31	41.157	26.29	9.22	8.04	3.6	2.82
844	3/11/2007 05:31	11.36	41.214	26.34	9.16	8.03	3.0	2.74
845	3/11/2007 05:46	11.39	41.681	26.67	9.01	8.02	2.8	2.67
846	3/11/2007 06:01	11.44	41.513	26.55	9.07	8.03	3.0	2.61
847	3/11/2007 06:16	11.44	41.234	26.35	9.18	8.04	3.0	2.54
848	3/11/2007 06:31	11.41	41.556	26.58	9.17	8.04	2.8	2.46
849	3/11/2007 06:46	11.44	41.454	26.51	9.17	8.04	2.6	2.40
850	3/11/2007 07:01	11.53	40.589	25.9	9.26	8.05	2.8	2.32
851	3/11/2007 07:16	11.49	40.746	26.01	9.22	8.04	2.7	2.24
852	3/11/2007 07:31	11.51	40.583	25.9	9.21	8.04	3.3	2.16
853	3/11/2007 07:46	11.54	40.611	25.92	9.32	8.05	3.3	2.06
854	3/11/2007 08:01	11.59	40.364	25.75	9.41	8.06	3.0	1.98
855	3/11/2007 08:16	11.61	40.451	25.81	9.42	8.06	3.1	1.89
856	3/11/2007 08:31	11.62	40.539	25.87	9.46	8.06	3.2	1.80
857	3/11/2007 08:46	11.72	40.275	25.69	9.6	8.07	2.9	1.71
858	3/11/2007 09:01	11.86	39.963	25.47	9.68	8.08	3.0	1.62
859	3/11/2007 09:16	11.97	39.755	25.33	9.83	8.1	3.2	1.54
860	3/11/2007 09:31	12.03	39.762	25.34	10	8.11	3.1	1.47
861	3/11/2007 09:46	12.05	39.72	25.31	10.03	8.11	2.8	1.41
862	3/11/2007 10:01	12.24	39.56	25.2	10.21	8.13	3.0	1.37
863	3/11/2007 10:16	12.26	39.609	25.24	10.09	8.13	2.3	1.34

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
864	3/11/2007 10:31	12.33	39.574	25.21	9.95	8.11	2.5	1.31
865	3/11/2007 10:46	12.43	39.597	25.23	9.91	8.11	2.5	1.29
866	3/11/2007 11:01	12.53	39.475	25.15	9.95	8.11	2.5	1.32
867	3/11/2007 11:16	12.4	39.433	25.12	9.86	8.1	2.5	1.33
868	3/11/2007 11:31	12.5	39.418	25.11	9.81	8.1	2.4	1.35
869	3/11/2007 11:46	12.3	39.632	25.25	9.75	8.09	2.7	1.37
870	3/11/2007 12:01	12.17	39.919	25.45	9.6	8.08	2.4	1.39
871	3/11/2007 12:16	12.49	39.727	25.33	9.66	8.08	2.6	1.44
872	3/11/2007 12:31	12.22	39.783	25.36	9.57	8.08	2.5	1.46
873	3/11/2007 12:46	12.46	39.593	25.23	9.65	8.08	2.2	1.49
874	3/11/2007 13:01	12.18	39.883	25.43	9.5	8.07	2.4	1.54
875	3/11/2007 13:16	12.1	39.99	25.5	9.42	8.06	2.7	1.58
876	3/11/2007 13:31	11.86	40.274	25.69	9.32	8.05	2.4	1.61
877	3/11/2007 13:46	11.87	40.234	25.66	9.33	8.05	2.7	1.67
878	3/11/2007 14:01	11.81	40.38	25.76	9.29	8.05	3.0	1.74
879	3/11/2007 14:16	11.71	40.638	25.94	9.25	8.05	2.4	1.77
880	3/11/2007 14:31	11.69	40.765	26.03	9.25	8.05	2.7	1.83
881	3/11/2007 14:46	11.68	40.847	26.09	9.28	8.05	2.7	1.89
882	3/11/2007 15:01	11.65	40.984	26.18	9.26	8.05	2.7	1.94
883	3/11/2007 15:16	11.61	41.149	26.3	9.25	8.04	2.4	1.99
884	3/11/2007 15:31	11.64	41.15	26.3	9.29	8.05	2.5	2.03
885	3/11/2007 15:46	11.81	40.823	26.08	9.38	8.06	3.0	2.08
886	3/11/2007 16:01	11.61	41.436	26.5	9.29	8.04	2.6	2.11
887	3/11/2007 16:16	11.75	41.193	26.34	9.35	8.05	2.7	2.15
888	3/11/2007 16:31	11.69	41.435	26.5	9.33	8.05	2.7	2.19
889	3/11/2007 16:46	11.72	41.4	26.48	9.32	8.05	2.7	2.22
890	3/11/2007 17:01	11.72	41.429	26.5	9.32	8.05	2.6	2.25
891	3/11/2007 17:16	11.89	41.226	26.36	9.37	8.05	2.6	2.28
892	3/11/2007 17:31	12	41.2	26.35	9.35	8.05	2.5	2.30
893	3/11/2007 17:46	11.78	41.708	26.7	9.11	8.03	1.7	2.30
894	3/11/2007 18:01	11.6	41.775	26.74	9.12	8.04	1.8	2.32
895	3/11/2007 18:16	11.71	41.482	26.54	9.07	8.04	1.4	2.33
896	3/11/2007 18:31	11.62	41.557	26.59	9.11	8.03	1.7	2.32
897	3/11/2007 18:46	11.58	41.672	26.67	9.06	8.03	1.7	2.32
898	3/11/2007 19:01	11.49	41.92	26.84	8.97	8.03	1.9	2.32
899	3/11/2007 19:16	11.49	41.901	26.83	8.96	8.02	2.4	2.30
900	3/11/2007 19:31	11.55	41.713	26.7	9.05	8.03	2.2	2.28
901	3/11/2007 19:46	11.59	41.519	26.56	9.1	8.03	2.0	2.27
902	3/11/2007 20:01	11.56	41.606	26.62	9.01	8.03	2.2	2.24
903	3/11/2007 20:16	11.58	41.57	26.6	8.99	8.03	1.9	2.21
904	3/11/2007 20:31	12.21	40.897	26.14	9.58	8.08	2.0	2.19
905	3/11/2007 20:46	12.29	40.759	26.05	9.45	8.08	2.4	2.17
906	3/11/2007 21:01	12.17	40.662	25.97	9.35	8.06	2.2	2.15
907	3/11/2007 21:16	12.12	40.771	26.05	9.4	8.06	1.3	2.15
908	3/11/2007 21:31	12.71	40.254	25.7	9.83	8.11	0.9	2.14
909	3/11/2007 21:46	12.94	40.092	25.6	10.01	8.14	0.9	2.13
910	3/11/2007 22:01	12.74	40.275	25.72	9.77	8.11	2.1	2.14
911	3/11/2007 22:16	12.59	40.416	25.82	9.72	8.1	2.4	2.14

sonde #4		Indian Island Long-Term Deployment				Water Quality Data		TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	3/11/2007 22:31	12.61	40.372	25.78	9.83	8.11	2.2	2.16
913	3/11/2007 22:46	12.07	40.723	26.01	9.43	8.06	2.3	2.17
914	3/11/2007 23:01	12.4	40.427	25.82	9.53	8.08	2.4	2.20
915	3/11/2007 23:16	12.54	40.46	25.84	9.78	8.1	2.6	2.23
916	3/11/2007 23:31	12.29	40.818	26.09	9.62	8.08	2.6	2.25
917	3/11/2007 23:46	11.66	41.901	26.83	9.13	8.03	2.6	2.28
918	3/12/2007 00:01	11.51	42.4	27.18	9.08	8.03	2.5	2.33
919	3/12/2007 00:16	11.55	42.353	27.15	9.11	8.03	2.5	2.35
920	3/12/2007 00:31	11.63	42.295	27.11	9.16	8.04	2.4	2.39
921	3/12/2007 00:46	11.56	42.603	27.33	9.17	8.03	2.9	2.44
922	3/12/2007 01:01	11.54	42.754	27.43	9.18	8.03	2.7	2.47
923	3/12/2007 01:16	11.51	43.094	27.67	9.19	8.04	2.7	2.52
924	3/12/2007 01:31	11.47	43.486	27.95	9.23	8.04	2.5	2.57
925	3/12/2007 01:46	11.47	43.665	28.08	9.25	8.04	2.6	2.62
926	3/12/2007 02:01	11.46	43.845	28.2	9.29	8.05	2.6	2.66
927	3/12/2007 02:16	11.5	43.746	28.13	9.3	8.05	2.5	2.72
928	3/12/2007 02:31	11.45	44.275	28.51	9.35	8.05	2.6	2.75
929	3/12/2007 02:46	11.49	44.146	28.42	9.35	8.05	2.6	2.80
930	3/12/2007 03:01	11.42	44.59	28.73	9.36	8.05	2.5	2.84
931	3/12/2007 03:16	11.49	44.274	28.51	9.35	8.05	2.5	2.88
932	3/12/2007 03:31	11.49	44.298	28.53	9.33	8.05	2.6	2.92
933	3/12/2007 03:46	11.54	44.11	28.4	9.33	8.05	2.3	2.95
934	3/12/2007 04:01	11.62	43.855	28.22	9.2	8.05	2.0	2.96
935	3/12/2007 04:16	11.51	44.264	28.5	9.13	8.04	1.4	2.98
936	3/12/2007 04:31	11.49	44.138	28.41	9.16	8.04	1.9	2.98
937	3/12/2007 04:46	11.48	44.188	28.45	9.2	8.04	1.7	2.96
938	3/12/2007 05:01	11.73	43.13	27.71	9.23	8.05	2.0	2.95
939	3/12/2007 05:16	11.73	43.175	27.74	9.2	8.05	2.3	2.93
940	3/12/2007 05:31	12.26	41.101	26.29	9.21	8.06	2.3	2.89
941	3/12/2007 05:46	12.08	41.726	26.72	9.18	8.05	2.2	2.85
942	3/12/2007 06:01	12.06	41.791	26.77	9.12	8.04	2.0	2.79
943	3/12/2007 06:16	11.95	42.139	27.01	9.16	8.04	2.4	2.74
944	3/12/2007 06:31	11.86	42.233	27.08	9.13	8.04	2.4	2.69
945	3/12/2007 06:46	11.95	41.908	26.85	9.21	8.05	2.6	2.61
946	3/12/2007 07:01	11.94	41.913	26.85	9.25	8.05	2.2	2.56
947	3/12/2007 07:16	12.06	41.73	26.73	9.26	8.06	3.1	2.51
948	3/12/2007 07:31	11.96	41.817	26.78	9.24	8.05	2.4	2.43
949	3/12/2007 07:46	12	41.684	26.69	9.21	8.05	2.4	2.35
950	3/12/2007 08:01	11.97	41.789	26.76	9.26	8.05	2.7	2.28
951	3/12/2007 08:16	11.91	41.92	26.86	9.23	8.05	3.4	2.21
952	3/12/2007 08:31	12.25	41.122	26.3	9.31	8.07	2.6	2.11
953	3/12/2007 08:46	12.02	41.757	26.74	9.24	8.06	2.5	2.02
954	3/12/2007 09:01	12.34	41.01	26.23	9.54	8.09	2.5	1.94
955	3/12/2007 09:16	12.42	40.852	26.12	9.52	8.09	2.5	1.86
956	3/12/2007 09:31	12.41	41.039	26.25	9.67	8.09	3.2	1.76
957	3/12/2007 09:46	12.7	40.673	26	9.82	8.12	3.0	1.66
958	3/12/2007 10:01	12.81	40.502	25.88	9.86	8.12	3.2	1.59
959	3/12/2007 10:16	13.03	40.277	25.73	10.08	8.14	2.5	1.52

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
960	3/12/2007 10:31	13.12	40.215	25.69	10.16	8.15	2.2	1.45
961	3/12/2007 10:46	12.96	40.483	25.87	10.23	8.14	2.4	1.37
962	3/12/2007 11:01	13.12	40.386	25.81	10.46	8.17	2.1	1.33
963	3/12/2007 11:16	13.55	39.918	25.49	10.37	8.18	2.0	1.30
964	3/12/2007 11:31	13.4	40.119	25.63	10.24	8.17	1.6	1.26
965	3/12/2007 11:46	13.58	40.018	25.56	10.25	8.16	2.4	1.23
966	3/12/2007 12:01	13.5	40.14	25.64	10.16	8.15	2.7	1.24
967	3/12/2007 12:16	12.9	40.357	25.78	9.92	8.12	2.0	1.25
968	3/12/2007 12:31	13.08	40.119	25.62	9.96	8.14	2.1	1.24
969	3/12/2007 12:46	12.96	40.249	25.71	9.82	8.12	2.0	1.25
970	3/12/2007 13:01	13.09	40.199	25.68	9.85	8.13	2.1	1.29
971	3/12/2007 13:16	13.1	40.197	25.67	9.86	8.13	2.3	1.31
972	3/12/2007 13:31	13.19	40.157	25.65	9.85	8.13	2.5	1.33
973	3/12/2007 13:46	13.32	40.091	25.61	9.9	8.13	2.7	1.37
974	3/12/2007 14:01	13.34	39.906	25.48	9.86	8.12	2.7	1.40
975	3/12/2007 14:16	13.03	40.321	25.76	9.72	8.11	2.5	1.44
976	3/12/2007 14:31	12.63	40.828	26.11	9.45	8.08	2.4	1.49
977	3/12/2007 14:46	12.59	40.85	26.12	9.45	8.08	2.2	1.54
978	3/12/2007 15:01	12.47	40.992	26.22	9.3	8.07	2.4	1.60
979	3/12/2007 15:16	12.44	41.024	26.24	9.34	8.07	2.5	1.65
980	3/12/2007 15:31	12.34	41.122	26.31	9.3	8.06	2.4	1.70
981	3/12/2007 15:46	12.33	41.269	26.41	9.32	8.07	2.7	1.76
982	3/12/2007 16:01	12.27	41.478	26.55	9.31	8.06	2.4	1.81
983	3/12/2007 16:16	12.2	41.699	26.71	9.31	8.06	2.5	1.87
984	3/12/2007 16:31	12.15	41.908	26.86	9.29	8.06	2.2	1.92
985	3/12/2007 16:46	12.21	41.772	26.76	9.43	8.06	2.4	1.98
986	3/12/2007 17:01	12.11	42.071	26.97	9.27	8.05	2.4	2.04
987	3/12/2007 17:16	12.08	42.177	27.04	9.26	8.05	2.4	2.08
988	3/12/2007 17:31	12.06	42.286	27.12	9.26	8.05	2.2	2.12
989	3/12/2007 17:46	12.23	41.933	26.88	9.34	8.06	2.4	2.17
990	3/12/2007 18:01	12.22	42.013	26.93	9.3	8.06	2.4	2.21
991	3/12/2007 18:16	12.15	42.198	27.06	9.27	8.06	2.4	2.24
992	3/12/2007 18:31	12.25	41.995	26.92	9.3	8.06	2.4	2.28
993	3/12/2007 18:46	12.3	41.904	26.86	9.33	8.06	2.4	2.31
994	3/12/2007 19:01	12.26	42.093	26.99	9.27	8.06	2.5	2.33
995	3/12/2007 19:16	12.41	41.797	26.79	9.32	8.06	2.7	2.35
996	3/12/2007 19:31	12.15	42.447	27.24	9.26	8.06	2.4	2.36
997	3/12/2007 19:46	12.02	42.593	27.34	9.03	8.04	1.7	2.37
998	3/12/2007 20:01	12.05	42.467	27.25	9.02	8.04	1.5	2.37
999	3/12/2007 20:16	12.03	42.623	27.36	9.09	8.04	2.1	2.37
1000	3/12/2007 20:31	12.08	42.453	27.24	9.04	8.04	1.7	2.36
1001	3/12/2007 20:46	12.04	42.422	27.22	9.03	8.04	1.9	2.35
1002	3/12/2007 21:01	12.07	42.302	27.13	8.99	8.04	2.0	2.33
1003	3/12/2007 21:16	12.09	42.46	27.24	9.07	8.05	2.3	2.31
1004	3/12/2007 21:31	12.04	42.589	27.33	9.06	8.04	2.2	2.29
1005	3/12/2007 21:46	12.21	42.199	27.06	9.09	8.05	2.2	2.27
1006	3/12/2007 22:01	12.36	41.849	26.82	9.24	8.08	2.2	2.26
1007	3/12/2007 22:16	12.28	42.06	26.97	9.13	8.06	1.4	2.24

sonde #4		Indian Island Long-Term Deployment				Water Quality Data		TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1008	3/12/2007 22:31	12.27	41.992	26.92	9.2	8.06	2.2	2.21
1009	3/12/2007 22:46	12.48	41.66	26.69	9.37	8.09	2.0	2.21
1010	3/12/2007 23:01	12.56	41.496	26.58	9.27	8.08	1.9	2.22
1011	3/12/2007 23:16	12.5	41.539	26.61	9.16	8.06	2.0	2.20
1012	3/12/2007 23:31	12.64	41.26	26.41	9.14	8.07	2.5	2.20
1013	3/12/2007 23:46	12.7	41.16	26.34	9.3	8.08	1.1	2.21
1014	3/13/2007 00:01	12.74	41.199	26.37	9.47	8.1	1.5	2.21
1015	3/13/2007 00:16	12.85	41.07	26.28	9.39	8.1	0.8	2.22
1016	3/13/2007 00:31	12.81	41.111	26.31	9.6	8.12	2.4	2.25
1017	3/13/2007 00:46	12.54	41.489	26.57	9.36	8.08	2.4	2.26
1018	3/13/2007 01:01	12.65	41.289	26.43	9.42	8.09	2.2	2.28
1019	3/13/2007 01:16	12.66	41.286	26.43	9.45	8.09	2.6	2.32
1020	3/13/2007 01:31	12.54	41.601	26.65	9.4	8.08	2.5	2.35
1021	3/13/2007 01:46	12.61	41.235	26.39	9.49	8.1	2.5	2.38
1022	3/13/2007 02:01	12.36	41.967	26.9	9.33	8.07	2.4	2.41
1023	3/13/2007 02:16	12.14	42.571	27.33	9.2	8.06	2.5	2.45
1024	3/13/2007 02:31	12.03	42.927	27.57	9.19	8.05	2.3	2.50
1025	3/13/2007 02:46	11.85	43.78	28.17	9.18	8.05	2.7	2.53
1026	3/13/2007 03:01	11.76	44.057	28.37	9.2	8.05	2.6	2.57
1027	3/13/2007 03:16	11.84	43.866	28.23	9.2	8.05	2.5	2.63
1028	3/13/2007 03:31	11.75	44.516	28.69	9.21	8.05	2.9	2.67
1029	3/13/2007 03:46	11.72	44.659	28.79	9.19	8.05	2.7	2.71
1030	3/13/2007 04:01	11.73	44.838	28.92	9.19	8.05	2.8	2.75
1031	3/13/2007 04:16	11.64	45.117	29.12	9.19	8.06	3.0	2.80
1032	3/13/2007 04:31	11.64	45.299	29.25	9.16	8.05	9.4	2.83
1033	3/13/2007 04:46	11.82	44.322	28.56	9.19	8.06	2.5	2.86
1034	3/13/2007 05:01	11.82	44.361	28.59	9.14	8.06	2.3	2.89
1035	3/13/2007 05:16	11.82	44.567	28.73	9.2	8.06	2.1	2.92
1036	3/13/2007 05:31	11.85	44.312	28.55	9.15	8.06	1.6	2.92
1037	3/13/2007 05:46	11.88	44.078	28.39	8.99	8.04	0.8	2.93
1038	3/13/2007 06:01	11.79	44.511	28.69	9.04	8.05	2.0	2.93
1039	3/13/2007 06:16	11.88	44.042	28.36	9.03	8.05	2.2	2.92
1040	3/13/2007 06:31	12.09	43.073	27.68	9.09	8.06	3.0	2.88
1041	3/13/2007 06:46	12.2	42.419	27.22	9.09	8.06	3.1	2.86
1042	3/13/2007 07:01	12.11	42.591	27.34	9.06	8.07	3.3	2.81
1043	3/13/2007 07:16	12.11	42.722	27.43	9.04	8.06	3.8	2.75
1044	3/13/2007 07:31	12.02	42.913	27.56	8.98	8.05	4.0	2.70
1045	3/13/2007 07:46	11.89	43.51	27.98	9.11	8.06	3.4	2.64
1046	3/13/2007 08:01	12.06	43.019	27.64	9.06	8.06	3.3	2.58
1047	3/13/2007 08:16	12.1	42.387	27.19	9.06	8.06	3.0	2.51
1048	3/13/2007 08:31	12.22	42.116	27	9.05	8.06	3.3	2.43
1049	3/13/2007 08:46	12.15	42.325	27.15	9.05	8.06	2.6	2.36
1050	3/13/2007 09:01	12.19	42.321	27.15	9.07	8.06	3.0	2.28
1051	3/13/2007 09:16	12.33	41.82	26.8	9.11	8.06	3.8	2.20
1052	3/13/2007 09:31	12.39	41.673	26.7	9.05	8.06	3.6	2.12
1053	3/13/2007 09:46	12.48	41.474	26.56	9.03	8.06	3.1	2.02
1054	3/13/2007 10:01	12.58	41.156	26.34	8.99	8.05	3.3	1.93
1055	3/13/2007 10:16	12.66	40.998	26.23	9.08	8.06	2.7	1.85

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1056	3/13/2007 10:31	12.68	41.009	26.24	9.17	8.07	3.1	1.76
1057	3/13/2007 10:46	12.76	40.876	26.14	9.24	8.08	3.0	1.64
1058	3/13/2007 11:01	12.82	40.852	26.13	9.31	8.1	3.2	1.55
1059	3/13/2007 11:16	12.87	40.715	26.03	9.31	8.1	3.1	1.47
1060	3/13/2007 11:31	12.96	40.581	25.94	9.4	8.12	3.4	1.39
1061	3/13/2007 11:46	12.98	40.661	26	9.54	8.13	3.1	1.31
1062	3/13/2007 12:01	13.01	40.47	25.87	9.43	8.12	2.8	1.25
1063	3/13/2007 12:16	13.08	40.38	25.8	9.42	8.13	2.6	1.19
1064	3/13/2007 12:31	13.11	40.316	25.76	9.33	8.12	1.9	1.15
1065	3/13/2007 12:46	13.11	40.206	25.68	9.07	8.1	1.0	1.11
1066	3/13/2007 13:01	13.11	40.195	25.67	8.99	8.08	0.9	1.09
1067	3/13/2007 13:16	13.18	40.154	25.65	9.17	8.11	2.3	1.08
1068	3/13/2007 13:31	13.24	40.204	25.68	9.39	8.12	2.8	1.10
1069	3/13/2007 13:46	13.36	39.927	25.49	9.32	8.12	2.3	1.09
1070	3/13/2007 14:01	13.39	39.879	25.46	9.32	8.13	2.1	1.11
1071	3/13/2007 14:16	13.36	39.88	25.46	9.38	8.15	2.8	1.15
1072	3/13/2007 14:31	13.38	40.018	25.56	9.35	8.13	2.5	1.18
1073	3/13/2007 14:46	12.94	40.567	25.93	9.1	8.08	2.5	1.21
1074	3/13/2007 15:01	12.91	40.557	25.92	9.09	8.08	2.4	1.26
1075	3/13/2007 15:16	13.06	40.314	25.76	9.21	8.1	2.8	1.31
1076	3/13/2007 15:31	13	40.382	25.8	9.11	8.09	3.4	1.35
1077	3/13/2007 15:46	12.81	40.664	26	8.96	8.06	2.9	1.40
1078	3/13/2007 16:01	12.8	40.667	26	8.97	8.06	2.5	1.46
1079	3/13/2007 16:16	12.61	41.032	26.25	8.85	8.05	2.5	1.53
1080	3/13/2007 16:31	12.46	41.58	26.63	8.84	8.04	2.5	1.58
1081	3/13/2007 16:46	12.4	41.841	26.82	8.88	8.04	2.5	1.64
1082	3/13/2007 17:01	12.35	42.068	26.98	8.9	8.04	2.6	1.71
1083	3/13/2007 17:16	12.29	42.395	27.2	8.9	8.04	3.1	1.78
1084	3/13/2007 17:31	12.3	42.455	27.25	8.96	8.05	2.6	1.84
1085	3/13/2007 17:46	12.25	42.602	27.35	8.97	8.05	2.7	1.91
1086	3/13/2007 18:01	12.22	42.684	27.41	8.99	8.05	3.0	1.97
1087	3/13/2007 18:16	12.19	42.77	27.47	8.99	8.05	2.5	2.02
1088	3/13/2007 18:31	12.14	43.027	27.65	8.97	8.04	2.5	2.08
1089	3/13/2007 18:46	12.12	43.159	27.74	8.97	8.05	2.5	2.13
1090	3/13/2007 19:01	12.09	43.308	27.85	8.97	8.04	2.7	2.19
1091	3/13/2007 19:16	12.11	43.281	27.83	8.99	8.05	2.7	2.23
1092	3/13/2007 19:31	12.17	43.116	27.71	9.02	8.05	2.7	2.28
1093	3/13/2007 19:46	12.08	43.484	27.97	9	8.05	2.5	2.31
1094	3/13/2007 20:01	12.08	43.494	27.98	8.97	8.05	2.7	2.34
1095	3/13/2007 20:16	12.16	43.066	27.68	9	8.05	2.5	2.38
1096	3/13/2007 20:31	12.21	42.816	27.5	9	8.05	2.4	2.39
1097	3/13/2007 20:46	12.14	43.14	27.73	8.44	8.01	0.9	2.41
1098	3/13/2007 21:01	12.11	43.239	27.8	8.61	8.02	1.9	2.43
1099	3/13/2007 21:16	12.1	43.135	27.72	8.79	8.04	2.5	2.42
1100	3/13/2007 21:31	12	43.599	28.05	8.76	8.03	2.2	2.42
1101	3/13/2007 21:46	12	43.668	28.1	8.75	8.03	2.3	2.41
1102	3/13/2007 22:01	12.01	43.632	28.07	8.79	8.03	2.3	2.39
1103	3/13/2007 22:16	12.05	43.074	27.68	8.76	8.03	2.7	2.36

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	3/13/2007 22:31	12.09	43.078	27.68	8.82	8.04	3.0	2.34
1105	3/13/2007 22:46	12.09	43.193	27.76	8.79	8.04	2.4	2.30
1106	3/13/2007 23:01	12.09	43.304	27.84	8.78	8.03	2.4	2.26
1107	3/13/2007 23:16	12.12	43.039	27.66	8.74	8.03	2.8	2.24
1108	3/13/2007 23:31	12.14	42.818	27.5	8.72	8.03	2.7	2.20
1109	3/13/2007 23:46	12.16	42.759	27.46	8.73	8.04	2.4	2.17
1110	3/14/2007 00:01	12.13	42.186	27.05	8.69	8.04	2.7	2.15
1111	3/14/2007 00:16	12.1	42.039	26.95	8.67	8.03	3.1	2.13
1112	3/14/2007 00:31	12.13	42.259	27.1	8.67	8.03	2.5	2.12
1113	3/14/2007 00:46	12.13	41.863	26.82	8.61	8.02	2.8	2.11
1114	3/14/2007 01:01	12.03	41.806	26.78	8.43	8.01	3.6	2.10
1115	3/14/2007 01:16	12.05	41.752	26.74	8.63	8.03	4.1	2.11
1116	3/14/2007 01:31	11.98	41.89	26.84	8.6	8.02	4.3	2.11
1117	3/14/2007 01:46	12.09	41.858	26.82	8.72	8.03	4.5	2.13
1118	3/14/2007 02:01	12.1	41.752	26.74	8.74	8.04	3.3	2.16
1119	3/14/2007 02:16	12.1	42.134	27.01	8.75	8.03	3.2	2.17
1120	3/14/2007 02:31	12.12	42.903	27.56	8.79	8.04	2.6	2.21
1121	3/14/2007 02:46	12.11	42.779	27.47	8.8	8.04	3.0	2.25
1122	3/14/2007 03:01	12.08	43.003	27.63	8.85	8.04	2.7	2.28
1123	3/14/2007 03:16	12.01	43.574	28.03	8.84	8.04	2.7	2.31
1124	3/14/2007 03:31	11.98	43.722	28.14	8.86	8.04	2.7	2.37
1125	3/14/2007 03:46	11.93	44.108	28.41	8.88	8.04	2.8	2.41
1126	3/14/2007 04:01	11.94	44.076	28.39	8.89	8.04	2.7	2.45
1127	3/14/2007 04:16	11.9	44.355	28.59	8.91	8.05	2.5	2.50
1128	3/14/2007 04:31	11.82	44.898	28.97	8.92	8.05	2.5	2.55
1129	3/14/2007 04:46	11.77	45.056	29.08	8.97	8.05	2.8	2.61
1130	3/14/2007 05:01	11.76	44.962	29.01	8.97	8.05	2.5	2.66
1131	3/14/2007 05:16	11.76	44.756	28.87	8.93	8.05	2.7	2.70
1132	3/14/2007 05:31	11.63	45.409	29.33	8.88	8.04	2.6	2.75
1133	3/14/2007 05:46	11.66	44.98	29.02	8.91	8.05	2.4	2.80
1134	3/14/2007 06:01	11.64	44.844	28.92	8.9	8.05	2.5	2.84
1135	3/14/2007 06:16	11.58	45.206	29.18	8.89	8.05	2.5	2.87
1136	3/14/2007 06:31	11.56	45.331	29.27	8.87	8.05	2.5	2.91
1137	3/14/2007 06:46	11.57	45.127	29.12	8.89	8.05	2.2	2.94
1138	3/14/2007 07:01	11.59	44.942	28.99	8.88	8.05	2.1	2.94
1139	3/14/2007 07:16	11.57	45.376	29.3	8.71	8.04	2.3	2.94
1140	3/14/2007 07:31	11.55	45.8	29.6	8.69	8.03	2.2	2.93
1141	3/14/2007 07:46	11.6	44.482	28.66	8.81	8.04	3.3	2.90
1142	3/14/2007 08:01	11.64	43.826	28.2	8.74	8.03	3.4	2.86
1143	3/14/2007 08:16	11.69	43.609	28.05	8.74	8.03	3.1	2.81
1144	3/14/2007 08:31	11.69	43.68	28.1	8.86	8.04	3.4	2.75
1145	3/14/2007 08:46	11.75	43.669	28.09	8.93	8.05	3.4	2.70
1146	3/14/2007 09:01	11.72	43.988	28.32	9.06	8.06	3.0	2.61
1147	3/14/2007 09:16	11.84	43.715	28.13	9.15	8.07	3.3	2.53
1148	3/14/2007 09:31	11.91	43.72	28.13	9.12	8.06	2.4	2.46
1149	3/14/2007 09:46	12.01	43.315	27.85	9.12	8.06	2.5	2.38
1150	3/14/2007 10:01	12.2	42.933	27.58	9.11	8.06	2.6	2.28
1151	3/14/2007 10:16	12.25	42.904	27.57	9.03	8.05	3.4	2.20

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
1152	3/14/2007 10:31	12.49	42.616	27.37	9.18	8.06	3.5	2.11
1153	3/14/2007 10:46	12.46	42.548	27.32	9.09	8.06	2.8	2.01
1154	3/14/2007 11:01	12.65	42.207	27.08	9.25	8.08	3.0	1.91
1155	3/14/2007 11:16	12.87	41.956	26.91	9.4	8.1	3.0	1.79
1156	3/14/2007 11:31	13.02	42.102	27.02	9.57	8.11	2.6	1.69
1157	3/14/2007 11:46	13.08	42.049	26.98	9.66	8.12	2.5	1.58
1158	3/14/2007 12:01	13.24	41.77	26.79	9.83	8.14	2.6	1.47
1159	3/14/2007 12:16	13.29	41.679	26.73	9.84	8.15	2.6	1.36
1160	3/14/2007 12:31	13.4	41.52	26.62	9.96	8.16	2.5	1.27
1161	3/14/2007 12:46	13.38	41.519	26.62	9.93	8.16	2.4	1.18
1162	3/14/2007 13:01	13.06	41.53	26.62	9.68	8.13	2.5	1.09
1163	3/14/2007 13:16	13.22	41.338	26.48	9.88	8.16	2.6	1.04
1164	3/14/2007 13:31	13.18	41.232	26.41	9.78	8.15	1.5	0.99
1165	3/14/2007 13:46	13.43	41.16	26.36	9.92	8.18	1.9	0.95
1166	3/14/2007 14:01	13.72	41.235	26.42	10.18	8.19	2.7	0.94
1167	3/14/2007 14:16	13.72	41.208	26.4	10.1	8.19	2.2	0.94
1168	3/14/2007 14:31	13.61	40.846	26.15	10.03	8.18	1.9	0.95
1169	3/14/2007 14:46	13.58	40.66	26.01	9.93	8.18	2.0	0.98
1170	3/14/2007 15:01	13.65	40.802	26.12	9.96	8.18	1.7	1.00
1171	3/14/2007 15:16	13.6	41.045	26.29	9.98	8.17	3.1	1.04
1172	3/14/2007 15:31	13.28	41.417	26.54	9.77	8.14	2.7	1.07
1173	3/14/2007 15:46	13.13	41.603	26.67	9.63	8.13	2.3	1.11
1174	3/14/2007 16:01	13.19	41.521	26.61	9.67	8.13	2.2	1.17
1175	3/14/2007 16:16	13.42	41.197	26.39	9.7	8.14	3.1	1.21
1176	3/14/2007 16:31	13.41	41.156	26.36	9.63	8.14	3.2	1.27
1177	3/14/2007 16:46	13.19	41.441	26.56	9.52	8.12	2.8	1.35
1178	3/14/2007 17:01	13.03	41.587	26.66	9.4	8.11	2.7	1.41
1179	3/14/2007 17:16	12.71	41.995	26.94	9.12	8.08	2.4	1.47
1180	3/14/2007 17:31	12.67	42.229	27.1	9.04	8.07	2.7	1.55
1181	3/14/2007 17:46	12.54	42.755	27.47	9.04	8.06	2.8	1.63
1182	3/14/2007 18:01	12.45	42.992	27.63	9.01	8.06	2.8	1.71
1183	3/14/2007 18:16	12.39	43.208	27.79	8.99	8.06	2.6	1.79
1184	3/14/2007 18:31	12.38	43.28	27.84	9.02	8.06	2.8	1.88
1185	3/14/2007 18:46	12.36	43.3	27.85	9.03	8.06	3.1	1.95
1186	3/14/2007 19:01	12.41	43.094	27.71	9.04	8.06	3.4	2.02
1187	3/14/2007 19:16	12.26	43.478	27.97	8.96	8.06	3.0	2.10
1188	3/14/2007 19:31	12.2	43.564	28.03	8.96	8.05	3.4	2.17
1189	3/14/2007 19:46	12.17	43.629	28.08	8.91	8.05	3.6	2.23
1190	3/14/2007 20:01	12.12	43.784	28.19	8.87	8.05	3.3	2.28
1191	3/14/2007 20:16	12.01	44.133	28.43	8.83	8.04	2.8	2.33
1192	3/14/2007 20:31	11.91	44.403	28.62	8.77	8.03	2.7	2.38
1193	3/14/2007 20:46	11.88	44.428	28.64	8.74	8.03	2.7	2.42
1194	3/14/2007 21:01	11.85	44.475	28.67	8.74	8.03	2.7	2.46
1195	3/14/2007 21:16	11.83	44.482	28.67	8.73	8.03	2.8	2.50
1196	3/14/2007 21:31	11.77	44.711	28.83	8.67	8.03	2.5	2.52
1197	3/14/2007 21:46	11.78	44.655	28.8	8.6	8.03	1.5	2.53
1198	3/14/2007 22:01	11.73	44.997	29.04	8.4	8.01	2.8	2.53
1199	3/14/2007 22:16	11.88	44.409	28.62	8.61	8.03	2.3	2.53

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	3/14/2007 22:31	11.75	44.929	28.99	8.53	8.02	2.8	2.51
1201	3/14/2007 22:46	11.77	44.894	28.97	8.54	8.02	2.5	2.47
1202	3/14/2007 23:01	11.83	44.609	28.76	8.57	8.02	2.5	2.42
1203	3/14/2007 23:16	11.93	44.316	28.56	8.64	8.03	2.9	2.38
1204	3/14/2007 23:31	11.97	44.197	28.48	8.66	8.03	3.0	2.34
1205	3/14/2007 23:46	12.08	43.902	28.27	8.69	8.04	2.7	2.27
1206	3/15/2007 00:01	12.07	43.892	28.26	8.67	8.04	2.9	2.23
1207	3/15/2007 00:16	12.22	43.106	27.71	8.67	8.05	3.4	2.17
1208	3/15/2007 00:31	12.21	42.763	27.46	8.69	8.06	3.4	2.12
1209	3/15/2007 00:46	12.17	42.71	27.42	8.63	8.05	3.1	2.09
1210	3/15/2007 01:01	12.15	42.648	27.38	8.56	8.04	3.1	2.05
1211	3/15/2007 01:16	12.15	42.5	27.28	8.52	8.04	3.1	2.01
1212	3/15/2007 01:31	12.23	42.39	27.2	8.46	8.04	2.5	1.99
1213	3/15/2007 01:46	12.25	42.261	27.11	8.52	8.04	2.6	1.96
1214	3/15/2007 02:01	12.35	41.805	26.79	8.56	8.06	2.6	1.94
1215	3/15/2007 02:16	12.21	42.158	27.03	8.52	8.05	3.1	1.94
1216	3/15/2007 02:31	12.29	42.173	27.05	8.55	8.06	2.5	1.94
1217	3/15/2007 02:46	12.2	42.864	27.54	8.61	8.04	3.1	1.97
1218	3/15/2007 03:01	12.2	42.744	27.45	8.62	8.04	2.9	2.00
1219	3/15/2007 03:16	12.21	42.98	27.62	8.65	8.04	2.8	2.02
1220	3/15/2007 03:31	12.24	42.806	27.49	8.65	8.04	2.5	2.07
1221	3/15/2007 03:46	12.15	43.119	27.71	8.62	8.03	3.0	2.12
1222	3/15/2007 04:01	12.02	43.672	28.1	8.63	8.03	3.1	2.16
1223	3/15/2007 04:16	11.99	43.865	28.24	8.64	8.03	2.9	2.22
1224	3/15/2007 04:31	11.99	43.88	28.25	8.67	8.03	2.6	2.26
1225	3/15/2007 04:46	11.98	43.827	28.21	8.66	8.03	2.7	2.32
1226	3/15/2007 05:01	11.92	44.024	28.35	8.66	8.03	2.8	2.38
1227	3/15/2007 05:16	11.9	44.072	28.38	8.71	8.04	3.1	2.43
1228	3/15/2007 05:31	11.74	44.985	29.03	8.67	8.03	3.1	2.49
1229	3/15/2007 05:46	11.64	45.411	29.33	8.68	8.03	3.5	2.55
1230	3/15/2007 06:01	11.65	45.167	29.16	8.71	8.03	3.3	2.62
1231	3/15/2007 06:16	11.62	45.308	29.26	8.71	8.04	3.5	2.67
1232	3/15/2007 06:31	11.53	45.702	29.53	8.69	8.03	3.6	2.75
1233	3/15/2007 06:46	11.42	46.089	29.81	8.67	8.02	4.4	2.81
1234	3/15/2007 07:01	11.32	46.493	30.09	8.64	8.02	3.8	2.87
1235	3/15/2007 07:16	11.24	46.723	30.25	8.61	8.01	3.8	2.92
1236	3/15/2007 07:31	11.14	47.031	30.47	8.59	8.01	3.9	2.97
1237	3/15/2007 07:46	11.06	47.24	30.61	8.56	8	3.6	3.01
1238	3/15/2007 08:01	11.03	47.315	30.67	8.52	8	3.8	3.04
1239	3/15/2007 08:16	11.03	47.158	30.55	8.44	8	2.8	3.06
1240	3/15/2007 08:31	11.04	47.293	30.65	8.38	7.99	3.1	3.05
1241	3/15/2007 08:46	11.12	47.11	30.52	8.48	8	3.6	3.03
1242	3/15/2007 09:01	11.33	46.435	30.05	8.51	8.01	3.1	2.99
1243	3/15/2007 09:16	11.49	45.498	29.39	8.58	8.02	3.2	2.95
1244	3/15/2007 09:31	11.69	44.892	28.96	8.59	8.01	3.1	2.89
1245	3/15/2007 09:46	11.58	45.332	29.27	8.56	8.01	3.2	2.80
1246	3/15/2007 10:01	11.65	45.218	29.19	8.66	8.03	3.8	2.73
1247	3/15/2007 10:16	11.69	45.285	29.24	8.66	8.03	3.6	2.64

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
			SpCond	Salinity	DO Conc		Turbidity+	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	Depth meters
1248	3/15/2007 10:31	12.09	44.309	28.56	8.94	8.05	3.2	2.55
1249	3/15/2007 10:46	12.15	44.338	28.58	9.03	8.06	3.0	2.45
1250	3/15/2007 11:01	12.27	44.213	28.5	9.05	8.06	3.9	2.35
1251	3/15/2007 11:16	12.39	43.969	28.33	9.14	8.07	3.1	2.25
1252	3/15/2007 11:31	12.48	43.656	28.11	9.14	8.07	3.1	2.14
1253	3/15/2007 11:46	12.6	43.283	27.85	9.16	8.08	3.8	2.03
1254	3/15/2007 12:01	12.82	43.112	27.73	9.3	8.09	3.2	1.91
1255	3/15/2007 12:16	13.12	43.161	27.78	9.5	8.12	3.3	1.80
1256	3/15/2007 12:31	13.37	42.954	27.64	9.67	8.13	3.3	1.67
1257	3/15/2007 12:46	13.51	42.739	27.49	9.73	8.14	3.0	1.55
1258	3/15/2007 13:01	13.77	42.588	27.39	9.93	8.16	2.9	1.42
1259	3/15/2007 13:16	14.06	42.566	27.38	10.11	8.18	2.9	1.30
1260	3/15/2007 13:31	13.84	42.355	27.22	10.09	8.18	3.5	1.19
1261	3/15/2007 13:46	13.86	42.253	27.15	10.12	8.19	2.6	1.07
1262	3/15/2007 14:01	13.82	42.132	27.06	10.16	8.19	2.8	0.97
1263	3/15/2007 14:16	13.84	42.036	27	10.14	8.19	2.8	0.90
1264	3/15/2007 14:31	13.85	41.954	26.94	10.09	8.19	2.8	0.84
1265	3/15/2007 14:46	13.9	41.904	26.9	10.01	8.19	2.4	0.80
1266	3/15/2007 15:01	13.91	41.656	26.73	10.02	8.18	3.0	0.81
1267	3/15/2007 15:16	14.06	42.228	27.14	10.19	8.19	3.0	0.82
1268	3/15/2007 15:31	13.88	42.062	27.01	10.06	8.18	2.2	0.83
1269	3/15/2007 15:46	13.76	41.989	26.96	10	8.17	2.0	0.87
1270	3/15/2007 16:01	13.65	42.214	27.12	9.94	8.16	2.1	0.92
1271	3/15/2007 16:16	13.59	42.191	27.1	9.88	8.16	2.5	0.97
1272	3/15/2007 16:31	13.5	42.302	27.18	9.81	8.15	2.6	1.01
1273	3/15/2007 16:46	13.71	41.752	26.79	9.74	8.16	3.8	1.07
1274	3/15/2007 17:01	13.65	41.953	26.93	9.74	8.16	2.9	1.15
1275	3/15/2007 17:16	13.62	41.836	26.85	9.72	8.15	3.4	1.21
1276	3/15/2007 17:31	13.51	41.906	26.89	9.64	8.14	3.1	1.28
1277	3/15/2007 17:46	13.39	42.142	27.06	9.57	8.13	2.8	1.39
1278	3/15/2007 18:01	13.24	42.305	27.17	9.39	8.11	3.3	1.47
1279	3/15/2007 18:16	13.13	42.494	27.3	9.34	8.11	3.6	1.56
1280	3/15/2007 18:31	12.98	42.772	27.49	9.21	8.09	4.0	1.66
1281	3/15/2007 18:46	12.87	42.967	27.63	9.09	8.08	3.8	1.76
1282	3/15/2007 19:01	12.73	43.315	27.87	9.06	8.07	4.1	1.85
1283	3/15/2007 19:16	12.54	43.756	28.18	8.97	8.06	3.9	1.94
1284	3/15/2007 19:31	12.45	44.028	28.37	8.91	8.05	3.9	2.03
1285	3/15/2007 19:46	12.37	44.2	28.49	8.86	8.05	3.9	2.11
1286	3/15/2007 20:01	12.32	44.359	28.6	8.83	8.04	5.0	2.19
1287	3/15/2007 20:16	12.29	44.353	28.6	8.83	8.04	5.0	2.27
1288	3/15/2007 20:31	12.21	44.558	28.74	8.78	8.04	5.3	2.34
1289	3/15/2007 20:46	12.18	44.639	28.8	8.74	8.03	5.3	2.40
1290	3/15/2007 21:01	12.1	44.862	28.96	8.69	8.02	6.4	2.46
1291	3/15/2007 21:16	12	45.247	29.23	8.64	8.02	6.5	2.53
1292	3/15/2007 21:31	11.89	45.697	29.55	8.65	8.01	6.3	2.58
1293	3/15/2007 21:46	11.81	45.957	29.73	8.63	8.01	5.7	2.61
1294	3/15/2007 22:01	11.74	46.195	29.9	8.61	8.01	5.0	2.66
1295	3/15/2007 22:16	11.69	46.335	29.99	8.57	8.01	5.3	2.69

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	3/15/2007 22:31	11.74	46.208	29.9	8.53	8	4.2	2.69
1297	3/15/2007 22:46	11.65	46.527	30.13	8.5	8	5.5	2.69
1298	3/15/2007 23:01	11.71	46.304	29.97	8.52	8	4.9	2.65
1299	3/15/2007 23:16	11.74	46.263	29.94	8.5	8	4.5	2.62
1300	3/15/2007 23:31	11.83	45.773	29.6	8.52	8.01	4.7	2.57
1301	3/15/2007 23:46	11.96	45.25	29.23	8.55	8.01	4.8	2.50
1302	3/16/2007 00:01	12.06	44.635	28.79	8.58	8.02	5.2	2.43
1303	3/16/2007 00:16	12.12	44.578	28.75	8.59	8.03	5.2	2.36
1304	3/16/2007 00:31	12.22	44.283	28.55	8.56	8.03	3.1	2.28
1305	3/16/2007 00:46	12.27	44.145	28.45	8.52	8.04	3.1	2.21
1306	3/16/2007 01:01	12.27	43.895	28.27	8.5	8.03	3.1	2.14
1307	3/16/2007 01:16	12.26	43.649	28.1	8.56	8.04	3.3	2.06
1308	3/16/2007 01:31	12.3	43.442	27.95	8.54	8.04	2.9	2.00
1309	3/16/2007 01:46	12.43	43.046	27.67	8.52	8.04	2.8	1.93
1310	3/16/2007 02:01	12.5	42.872	27.55	8.55	8.05	2.5	1.87
1311	3/16/2007 02:16	12.49	42.821	27.51	8.55	8.05	2.5	1.82
1312	3/16/2007 02:31	12.5	42.785	27.49	8.53	8.05	2.4	1.79
1313	3/16/2007 02:46	12.48	42.863	27.54	8.54	8.05	2.4	1.74
1314	3/16/2007 03:01	12.46	43.139	27.74	8.44	8.04	1.7	1.73
1315	3/16/2007 03:16	12.53	42.697	27.43	8.57	8.06	2.0	1.73
1316	3/16/2007 03:31	12.53	42.443	27.25	8.64	8.07	1.9	1.73
1317	3/16/2007 03:46	12.48	42.448	27.25	8.65	8.06	2.4	1.77
1318	3/16/2007 04:01	12.38	43.313	27.86	8.52	8.03	3.1	1.79
1319	3/16/2007 04:16	12.29	43.473	27.97	8.44	8.03	3.9	1.83
1320	3/16/2007 04:31	12.29	43.004	27.64	8.54	8.04	3.4	1.90
1321	3/16/2007 04:46	12.25	43.065	27.68	8.48	8.03	3.3	1.95
1322	3/16/2007 05:01	12.18	43.912	28.28	8.42	8.02	3.9	2.02
1323	3/16/2007 05:16	12.09	44.07	28.39	8.39	8.01	3.4	2.09
1324	3/16/2007 05:31	11.99	44.234	28.5	8.41	8.02	3.9	2.15
1325	3/16/2007 05:46	11.95	44.643	28.79	8.45	8.01	3.9	2.23
1326	3/16/2007 06:01	11.9	44.632	28.78	8.47	8.02	3.8	2.29
1327	3/16/2007 06:16	11.79	44.858	28.94	8.5	8.01	3.6	2.36
1328	3/16/2007 06:31	11.76	44.962	29.01	8.52	8.02	4.4	2.45
1329	3/16/2007 06:46	11.65	45.343	29.28	8.52	8.01	4.3	2.52
1330	3/16/2007 07:01	11.54	45.904	29.68	8.46	8	3.5	2.60
1331	3/16/2007 07:16	11.45	46.519	30.11	8.41	7.99	5.7	2.68
1332	3/16/2007 07:31	11.39	46.673	30.22	8.41	7.99	6.1	2.75
1333	3/16/2007 07:46	11.32	46.824	30.33	8.4	7.99	6.7	2.84
1334	3/16/2007 08:01	11.17	47.122	30.54	8.4	7.99	7.5	2.90
1335	3/16/2007 08:16	11.14	47.158	30.56	8.4	7.99	7.2	2.97
1336	3/16/2007 08:31	11.02	47.426	30.75	8.39	7.98	6.7	3.03
1337	3/16/2007 08:46	10.94	47.629	30.89	8.36	7.98	6.0	3.09
1338	3/16/2007 09:01	10.86	47.772	30.99	8.35	7.98	6.1	3.13
Mean		11.54	40.31	25.71	9.49	8.04	4.9	2.15
Standard Dev.		0.93	3.05	2.15	0.55	0.05	3.3	0.58

Parameter	Criteria	Source

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #4

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth 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 #2	Indian Island Long-Term Deployment 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	3/16/2007 10:16	10.96	48.053	31.19	8.31	8.01	6.3	3.17
1	3/16/2007 10:31	11.03	48.043	31.19	8.27	8.02	5.7	3.18
2	3/16/2007 10:46	10.92	48.286	31.36	8.22	8.02	6.4	3.16
3	3/16/2007 11:01	11.13	47.972	31.14	8.39	8.03	5.3	3.12
4	3/16/2007 11:16	11.44	47.325	30.69	8.51	8.05	4.8	3.06
5	3/16/2007 11:31	11.49	47.138	30.56	8.43	8.04	6.1	2.98
6	3/16/2007 11:46	11.62	46.784	30.31	8.5	8.05	5.9	2.90
7	3/16/2007 12:01	11.77	46.566	30.16	8.52	8.06	5.0	2.80
8	3/16/2007 12:16	12.14	46.19	29.91	8.96	8.09	4.3	2.68
9	3/16/2007 12:31	12.26	46.125	29.87	9.08	8.09	3.4	2.58
10	3/16/2007 12:46	12.45	45.666	29.55	9.1	8.1	3.2	2.47
11	3/16/2007 13:01	12.47	45.801	29.64	9.28	8.12	4.0	2.36
12	3/16/2007 13:16	12.69	44.865	28.98	9.24	8.12	5.6	2.23
13	3/16/2007 13:31	12.89	44.359	28.62	9.29	8.13	4.6	2.11
14	3/16/2007 13:46	13.07	44.081	28.43	9.41	8.14	4.0	1.99
15	3/16/2007 14:01	13.22	44.002	28.38	9.52	8.15	3.5	1.86
16	3/16/2007 14:16	13.45	44.154	28.49	9.85	8.17	3.5	1.72
17	3/16/2007 14:31	13.56	43.828	28.26	9.89	8.19	3.7	1.59
18	3/16/2007 14:46	13.72	43.827	28.27	10.04	8.2	3.7	1.45
19	3/16/2007 15:01	13.83	43.677	28.16	10.2	8.22	2.8	1.30
20	3/16/2007 15:16	13.88	43.488	28.03	10.33	8.23	3.2	1.16
21	3/16/2007 15:31	13.92	43.18	27.81	10.31	8.24	3.1	1.05
22	3/16/2007 15:46	14.01	43.053	27.72	10.33	8.24	3.3	0.93
23	3/16/2007 16:01	14.1	42.967	27.66	10.38	8.25	3.1	0.83
24	3/16/2007 16:16	14.18	42.946	27.65	10.31	8.25	3.5	0.76
25	3/16/2007 16:31	14.22	42.767	27.52	10.17	8.24	2.1	0.70
26	3/16/2007 16:46	13.99	42.98	27.67	10.32	8.23	2.7	0.70
27	3/16/2007 17:01	13.98	43.107	27.76	10.25	8.23	3.3	0.72
28	3/16/2007 17:16	13.92	43.169	27.8	10.18	8.22	3.3	0.77
29	3/16/2007 17:31	13.94	43.084	27.74	10.22	8.22	3.9	0.83
30	3/16/2007 17:46	13.97	42.999	27.68	10.18	8.22	2.8	0.90
31	3/16/2007 18:01	13.95	43.079	27.74	10.14	8.22	2.9	0.96
32	3/16/2007 18:16	13.96	42.285	27.17	9.86	8.2	3.8	1.03
33	3/16/2007 18:31	13.96	42.322	27.2	9.89	8.2	4.0	1.11
34	3/16/2007 18:46	13.87	42.593	27.39	9.85	8.2	3.7	1.17
35	3/16/2007 19:01	13.85	42.518	27.34	9.86	8.19	3.8	1.26
36	3/16/2007 19:16	13.76	42.829	27.56	9.83	8.19	3.4	1.35
37	3/16/2007 19:31	13.64	42.949	27.64	9.64	8.17	4.0	1.44
38	3/16/2007 19:46	13.54	43.162	27.79	9.5	8.16	4.3	1.54
39	3/16/2007 20:01	13.44	43.272	27.86	9.43	8.15	4.2	1.64
40	3/16/2007 20:16	13.16	43.95	28.34	9.14	8.12	4.8	1.75
41	3/16/2007 20:31	12.96	44.449	28.69	9.07	8.1	5.0	1.86
42	3/16/2007 20:46	12.91	44.587	28.79	9.06	8.1	6.0	1.97
43	3/16/2007 21:01	12.84	44.679	28.85	9	8.1	5.6	2.07
44	3/16/2007 21:16	12.73	44.81	28.94	8.92	8.09	7.2	2.16
45	3/16/2007 21:31	12.63	45.059	29.12	8.88	8.08	9.7	2.26
46	3/16/2007 21:46	12.51	45.326	29.3	8.84	8.07	10.1	2.35
47	3/16/2007 22:01	12.43	45.477	29.41	8.8	8.07	9.7	2.43

sonde #2		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	3/16/2007 22:16	12.3	45.84	29.66	8.76	8.07	10.0	2.51
49	3/16/2007 22:31	12.01	46.514	30.14	8.72	8.05	11.6	2.59
50	3/16/2007 22:46	11.83	47.033	30.5	8.69	8.05	10.8	2.66
51	3/16/2007 23:01	11.75	47.272	30.67	8.66	8.05	9.8	2.72
52	3/16/2007 23:16	11.7	47.431	30.78	8.64	8.05	7.6	2.78
53	3/16/2007 23:31	11.66	47.529	30.85	8.61	8.05	6.8	2.83
54	3/16/2007 23:46	11.64	47.541	30.86	8.61	8.05	4.8	2.85
55	3/17/2007 00:01	11.72	47.356	30.73	8.51	8.05	4.8	2.86
56	3/17/2007 00:16	11.63	47.605	30.9	8.56	8.05	5.1	2.86
57	3/17/2007 00:31	11.62	47.625	30.92	8.54	8.05	5.7	2.84
58	3/17/2007 00:46	12.06	46.484	30.12	8.5	8.06	6.2	2.78
59	3/17/2007 01:01	12.09	46.308	29.99	8.55	8.06	5.9	2.71
60	3/17/2007 01:16	12.07	46.359	30.03	8.52	8.05	6.5	2.64
61	3/17/2007 01:31	12.33	45.671	29.54	8.54	8.06	5.1	2.55
62	3/17/2007 01:46	12.31	45.803	29.64	8.54	8.06	4.5	2.45
63	3/17/2007 02:01	12.49	45.258	29.25	8.53	8.06	5.1	2.36
64	3/17/2007 02:16	12.57	45.032	29.09	8.51	8.07	4.2	2.26
65	3/17/2007 02:31	12.66	44.797	28.93	8.56	8.07	5.7	2.18
66	3/17/2007 02:46	12.81	44.348	28.61	8.65	8.08	6.3	2.09
67	3/17/2007 03:01	12.81	44.282	28.57	8.49	8.07	6.6	2.00
68	3/17/2007 03:16	13	43.845	28.26	8.57	8.09	3.4	1.91
69	3/17/2007 03:31	13.06	43.684	28.15	8.59	8.09	3.3	1.83
70	3/17/2007 03:46	13.06	43.712	28.17	8.52	8.09	2.9	1.74
71	3/17/2007 04:01	13.17	43.46	27.99	8.65	8.1	2.8	1.66
72	3/17/2007 04:16	13.24	43.281	27.87	8.69	8.11	2.6	1.60
73	3/17/2007 04:31	13.25	43.339	27.91	8.67	8.11	2.8	1.55
74	3/17/2007 04:46	13.24	43.315	27.89	8.63	8.11	2.6	1.51
75	3/17/2007 05:01	13.27	43.211	27.82	8.64	8.12	2.1	1.49
76	3/17/2007 05:16	13.15	43.555	28.06	8.62	8.1	2.6	1.50
77	3/17/2007 05:31	13.13	43.571	28.07	8.65	8.1	2.9	1.53
78	3/17/2007 05:46	13.08	43.553	28.05	8.64	8.1	2.9	1.56
79	3/17/2007 06:01	13.15	43.402	27.95	8.68	8.11	2.7	1.60
80	3/17/2007 06:16	13.08	43.567	28.06	8.61	8.1	3.4	1.68
81	3/17/2007 06:31	13.07	43.387	27.94	8.64	8.1	4.0	1.75
82	3/17/2007 06:46	13.04	43.506	28.02	8.63	8.1	3.9	1.83
83	3/17/2007 07:01	12.9	43.836	28.25	8.61	8.09	4.8	1.93
84	3/17/2007 07:16	12.8	44.122	28.45	8.56	8.08	4.1	2.01
85	3/17/2007 07:31	12.63	44.55	28.75	8.57	8.07	5.0	2.09
86	3/17/2007 07:46	12.49	45.03	29.09	8.58	8.07	4.6	2.18
87	3/17/2007 08:01	12.34	45.4	29.35	8.58	8.07	6.1	2.26
88	3/17/2007 08:16	12.25	45.598	29.49	8.59	8.06	5.6	2.34
89	3/17/2007 08:31	12.14	45.912	29.71	8.58	8.06	5.8	2.43
90	3/17/2007 08:46	12.05	46.145	29.87	8.57	8.06	6.7	2.52
91	3/17/2007 09:01	11.94	46.338	30.01	8.58	8.06	7.6	2.60
92	3/17/2007 09:16	11.84	46.58	30.18	8.57	8.06	7.2	2.69
93	3/17/2007 09:31	11.75	46.723	30.28	8.56	8.05	8.3	2.78
94	3/17/2007 09:46	11.6	47.01	30.47	8.54	8.05	10.8	2.87
95	3/17/2007 10:01	11.41	47.397	30.74	8.5	8.04	9.2	2.96

sonde #2		Indian Island Long-Term Deployment				Water Quality Data		TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	3/17/2007 10:16	11.25	47.719	30.97	8.45	8.04	8.7	3.03
97	3/17/2007 10:31	11.09	48.043	31.19	8.38	8.03	7.6	3.10
98	3/17/2007 10:46	11	48.166	31.28	8.33	8.03	6.7	3.16
99	3/17/2007 11:01	10.95	48.299	31.37	8.31	8.02	6.1	3.20
100	3/17/2007 11:16	10.93	48.366	31.42	8.29	8.03	4.2	3.22
101	3/17/2007 11:31	10.97	48.3	31.37	8.24	8.02	5.4	3.23
102	3/17/2007 11:46	10.91	48.418	31.45	8.25	8.02	5.7	3.21
103	3/17/2007 12:01	11.04	48.202	31.31	8.22	8.03	4.8	3.17
104	3/17/2007 12:16	11.74	47.014	30.48	8.54	8.06	5.2	3.09
105	3/17/2007 12:31	11.74	46.944	30.43	8.54	8.05	5.3	3.00
106	3/17/2007 12:46	11.78	46.974	30.46	8.61	8.06	4.8	2.91
107	3/17/2007 13:01	11.89	46.71	30.27	8.68	8.06	4.2	2.79
108	3/17/2007 13:16	12.02	46.527	30.15	8.76	8.07	4.0	2.66
109	3/17/2007 13:31	12.3	45.898	29.71	8.81	8.09	5.9	2.55
110	3/17/2007 13:46	12.34	45.798	29.64	8.9	8.09	4.0	2.43
111	3/17/2007 14:01	12.3	46.068	29.83	9.07	8.1	3.2	2.29
112	3/17/2007 14:16	12.69	45.047	29.11	8.96	8.11	4.2	2.17
113	3/17/2007 14:31	12.9	44.566	28.77	9.09	8.12	4.4	2.04
114	3/17/2007 14:46	12.93	44.864	28.99	9.27	8.13	4.2	1.91
115	3/17/2007 15:01	13.13	44.426	28.68	9.3	8.14	4.3	1.76
116	3/17/2007 15:16	13.29	44.354	28.63	9.63	8.16	5.4	1.61
117	3/17/2007 15:31	13.44	43.982	28.37	9.61	8.18	4.3	1.46
118	3/17/2007 15:46	13.56	43.918	28.33	9.76	8.19	4.7	1.31
119	3/17/2007 16:01	13.69	43.698	28.18	9.83	8.2	3.8	1.16
120	3/17/2007 16:16	13.81	43.391	27.96	9.78	8.21	4.3	1.02
121	3/17/2007 16:31	13.9	43.225	27.84	9.81	8.21	3.7	0.91
122	3/17/2007 16:46	13.98	43.07	27.73	9.8	8.22	3.1	0.79
123	3/17/2007 17:01	14.05	42.943	27.65	9.82	8.23	3.2	0.70
124	3/17/2007 17:16	14.07	42.921	27.63	9.62	8.22	1.5	0.65
125	3/17/2007 17:31	14.01	43.029	27.71	9.84	8.22	3.4	0.65
126	3/17/2007 17:46	13.91	43.018	27.7	9.77	8.21	3.2	0.69
127	3/17/2007 18:01	13.85	43.21	27.83	9.7	8.2	3.9	0.75
128	3/17/2007 18:16	13.82	43.16	27.79	9.67	8.2	4.6	0.83
129	3/17/2007 18:31	13.78	43.298	27.89	9.63	8.19	3.8	0.91
130	3/17/2007 18:46	13.75	43.088	27.74	9.56	8.19	3.4	0.99
131	3/17/2007 19:01	13.79	42.424	27.27	9.48	8.18	4.0	1.07
132	3/17/2007 19:16	13.77	42.335	27.21	9.44	8.18	4.1	1.14
133	3/17/2007 19:31	13.73	42.634	27.42	9.41	8.17	4.2	1.23
134	3/17/2007 19:46	13.7	42.606	27.4	9.4	8.17	3.5	1.31
135	3/17/2007 20:01	13.64	42.755	27.5	9.35	8.16	3.9	1.42
136	3/17/2007 20:16	13.51	43.104	27.75	9.22	8.15	4.3	1.52
137	3/17/2007 20:31	13.39	43.219	27.83	9.08	8.13	4.3	1.62
138	3/17/2007 20:46	13.01	44.323	28.6	8.87	8.1	5.1	1.74
139	3/17/2007 21:01	12.94	44.561	28.77	8.84	8.09	5.6	1.86
140	3/17/2007 21:16	12.91	44.484	28.71	8.85	8.09	7.5	1.97
141	3/17/2007 21:31	12.79	44.807	28.94	8.81	8.09	7.5	2.08
142	3/17/2007 21:46	12.63	45.133	29.17	8.75	8.08	8.7	2.19
143	3/17/2007 22:01	12.51	45.343	29.32	8.73	8.08	10.8	2.29

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	3/17/2007 22:16	12.32	45.598	29.49	8.72	8.07	12.2	2.39
145	3/17/2007 22:31	12.24	45.762	29.61	8.69	8.06	10.2	2.49
146	3/17/2007 22:46	11.9	46.639	30.22	8.62	8.05	12.2	2.58
147	3/17/2007 23:01	11.66	47.143	30.57	8.56	8.05	11.7	2.68
148	3/17/2007 23:16	11.5	47.442	30.78	8.49	8.04	11.4	2.76
149	3/17/2007 23:31	11.43	47.667	30.94	8.47	8.04	10.3	2.83
150	3/17/2007 23:46	11.31	47.786	31.02	8.45	8.04	10.3	2.91
151	3/18/2007 00:01	11.19	47.983	31.16	8.42	8.04	10.1	2.97
152	3/18/2007 00:16	11.06	48.26	31.35	8.41	8.03	7.5	3.01
153	3/18/2007 00:31	11.02	48.306	31.38	8.36	8.03	5.5	3.03
154	3/18/2007 00:46	11.02	48.396	31.44	8.33	8.03	6.4	3.03
155	3/18/2007 01:01	10.96	48.386	31.43	8.34	8.03	6.6	2.99
156	3/18/2007 01:16	11.41	47.518	30.83	8.33	8.04	7.7	2.94
157	3/18/2007 01:31	11.75	46.823	30.35	8.37	8.05	8.5	2.86
158	3/18/2007 01:46	11.7	46.958	30.44	8.36	8.05	9.5	2.76
159	3/18/2007 02:01	12	46.205	29.91	8.32	8.05	5.1	2.66
160	3/18/2007 02:16	11.99	46.297	29.98	8.35	8.05	5.8	2.53
161	3/18/2007 02:31	12.04	46.11	29.85	8.34	8.04	5.0	2.43
162	3/18/2007 02:46	12.15	45.891	29.69	8.32	8.05	4.8	2.32
163	3/18/2007 03:01	12.37	45.328	29.3	8.45	8.06	6.9	2.20
164	3/18/2007 03:16	12.36	45.332	29.3	8.4	8.06	5.4	2.10
165	3/18/2007 03:31	12.61	44.737	28.88	8.48	8.07	4.4	1.98
166	3/18/2007 03:46	12.53	44.81	28.93	8.35	8.06	4.2	1.86
167	3/18/2007 04:01	12.78	44.208	28.51	8.46	8.08	4.3	1.76
168	3/18/2007 04:16	12.89	43.907	28.3	8.48	8.09	3.4	1.66
169	3/18/2007 04:31	12.88	43.998	28.37	8.48	8.09	3.0	1.55
170	3/18/2007 04:46	12.97	43.724	28.17	8.52	8.1	2.9	1.44
171	3/18/2007 05:01	12.99	43.612	28.09	8.53	8.11	3.0	1.35
172	3/18/2007 05:16	13.04	43.424	27.96	8.53	8.11	3.1	1.29
173	3/18/2007 05:31	13.05	43.364	27.92	8.48	8.11	2.9	1.24
174	3/18/2007 05:46	13.13	43.322	27.89	8.4	8.11	2.3	1.20
175	3/18/2007 06:01	13.04	43.378	27.93	8.51	8.11	2.6	1.21
176	3/18/2007 06:16	13	43.629	28.11	8.48	8.1	3.1	1.23
177	3/18/2007 06:31	12.98	43.667	28.13	8.51	8.1	3.1	1.27
178	3/18/2007 06:46	12.97	43.638	28.11	8.51	8.1	3.0	1.32
179	3/18/2007 07:01	12.96	43.777	28.21	8.5	8.09	3.3	1.42
180	3/18/2007 07:16	12.91	43.258	27.84	8.48	8.09	4.5	1.51
181	3/18/2007 07:31	12.9	43.304	27.87	8.46	8.09	4.3	1.60
182	3/18/2007 07:46	12.87	43.54	28.04	8.45	8.08	4.7	1.69
183	3/18/2007 08:01	12.75	44.073	28.42	8.41	8.07	4.6	1.80
184	3/18/2007 08:16	12.69	44.135	28.46	8.4	8.07	4.0	1.89
185	3/18/2007 08:31	12.51	44.882	28.99	8.35	8.06	5.1	1.98
186	3/18/2007 08:46	12.4	45.269	29.26	8.41	8.06	5.0	2.08
187	3/18/2007 09:01	12.33	45.397	29.35	8.45	8.06	5.4	2.18
188	3/18/2007 09:16	12.28	45.572	29.47	8.42	8.05	6.5	2.27
189	3/18/2007 09:31	12.1	45.998	29.77	8.42	8.05	7.5	2.36
190	3/18/2007 09:46	11.96	46.216	29.92	8.39	8.04	9.7	2.46
191	3/18/2007 10:01	11.81	46.455	30.09	8.4	8.04	10.2	2.55

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	3/18/2007 10:16	11.75	46.655	30.23	8.4	8.04	8.6	2.65
193	3/18/2007 10:31	11.57	46.961	30.44	8.33	8.03	9.0	2.75
194	3/18/2007 10:46	11.21	47.72	30.97	8.16	8.02	11.3	2.85
195	3/18/2007 11:01	10.97	48.078	31.21	8	8.01	11.4	2.94
196	3/18/2007 11:16	10.92	48.248	31.33	7.91	8	8.2	3.03
197	3/18/2007 11:31	10.84	48.488	31.5	7.85	8	8.8	3.11
198	3/18/2007 11:46	10.78	48.605	31.58	7.86	8	7.6	3.17
199	3/18/2007 12:01	10.76	48.6	31.58	7.89	8.01	6.2	3.22
200	3/18/2007 12:16	10.71	48.754	31.69	7.85	8.01	4.7	3.25
201	3/18/2007 12:31	10.83	48.504	31.51	7.83	8	6.0	3.24
202	3/18/2007 12:46	10.74	48.772	31.7	7.82	8	6.3	3.22
203	3/18/2007 13:01	10.78	48.712	31.66	7.84	8.01	5.9	3.17
204	3/18/2007 13:16	11.92	47.598	30.91	8.43	8.05	5.0	3.09
205	3/18/2007 13:31	11.86	47.673	30.96	8.52	8.05	5.1	2.98
206	3/18/2007 13:46	12.05	47.278	30.69	8.65	8.07	5.4	2.87
207	3/18/2007 14:01	12.14	47.058	30.53	8.8	8.08	4.6	2.74
208	3/18/2007 14:16	12.3	46.838	30.38	8.91	8.09	5.0	2.60
209	3/18/2007 14:31	12.51	46.537	30.17	9.08	8.1	4.7	2.48
210	3/18/2007 14:46	12.79	45.976	29.78	9.18	8.12	5.5	2.36
211	3/18/2007 15:01	12.77	46.079	29.85	9.37	8.12	4.8	2.22
212	3/18/2007 15:16	12.73	46.578	30.21	9.45	8.13	3.6	2.08
213	3/18/2007 15:31	13.32	45.191	29.23	9.55	8.15	4.8	1.94
214	3/18/2007 15:46	13.47	45.066	29.15	9.71	8.16	4.9	1.80
215	3/18/2007 16:01	13.6	44.947	29.07	9.89	8.18	4.8	1.66
216	3/18/2007 16:16	13.81	44.639	28.85	9.98	8.19	4.2	1.51
217	3/18/2007 16:31	13.95	44.542	28.79	10.11	8.2	4.4	1.36
218	3/18/2007 16:46	14.09	44.259	28.59	10.2	8.21	4.0	1.21
219	3/18/2007 17:01	14.21	44.019	28.42	10.19	8.22	4.4	1.08
220	3/18/2007 17:16	14.32	43.839	28.29	10.19	8.22	3.9	0.96
221	3/18/2007 17:31	14.45	43.646	28.16	10.22	8.23	3.2	0.84
222	3/18/2007 17:46	14.52	43.522	28.07	10.22	8.23	3.2	0.78
223	3/18/2007 18:01	14.56	43.505	28.06	10.14	8.23	2.9	0.72
224	3/18/2007 18:16	14.52	43.483	28.04	10.24	8.23	2.5	0.72
225	3/18/2007 18:31	14.4	43.542	28.08	10.16	8.22	2.9	0.77
226	3/18/2007 18:46	14.33	43.756	28.23	10.09	8.21	3.3	0.83
227	3/18/2007 19:01	14.29	43.685	28.18	10.05	8.21	2.9	0.92
228	3/18/2007 19:16	14.24	43.848	28.3	10.02	8.2	3.0	1.00
229	3/18/2007 19:31	14.31	43.345	27.94	9.85	8.19	3.5	1.11
230	3/18/2007 19:46	14.26	43.457	28.02	9.84	8.18	3.6	1.19
231	3/18/2007 20:01	14.25	43.252	27.87	9.77	8.18	3.8	1.29
232	3/18/2007 20:16	14.14	43.75	28.22	9.74	8.18	4.0	1.39
233	3/18/2007 20:31	13.94	44.1	28.47	9.57	8.16	4.2	1.48
234	3/18/2007 20:46	13.75	44.365	28.65	9.44	8.14	4.3	1.60
235	3/18/2007 21:01	13.58	44.552	28.78	9.26	8.12	4.7	1.71
236	3/18/2007 21:16	13.33	45.01	29.1	9.1	8.1	6.6	1.84
237	3/18/2007 21:31	13.19	45.303	29.31	9	8.09	6.4	1.95
238	3/18/2007 21:46	13.13	45.374	29.36	8.99	8.09	7.1	2.06
239	3/18/2007 22:01	12.94	45.669	29.56	8.88	8.08	8.7	2.18

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	3/18/2007 22:16	12.83	45.836	29.68	8.83	8.07	10.6	2.28
241	3/18/2007 22:31	12.61	46.183	29.92	8.76	8.06	11.9	2.39
242	3/18/2007 22:46	12.47	46.451	30.11	8.69	8.06	10.3	2.50
243	3/18/2007 23:01	12.15	46.933	30.44	8.52	8.04	13.0	2.61
244	3/18/2007 23:16	11.75	47.698	30.98	8.3	8.03	11.9	2.72
245	3/18/2007 23:31	11.55	47.93	31.14	8.2	8.02	10.4	2.81
246	3/18/2007 23:46	11.38	48.31	31.4	8.14	8.02	9.6	2.92
247	3/19/2007 00:01	11.26	48.444	31.49	8.08	8.01	10.1	3.01
248	3/19/2007 00:16	10.96	48.724	31.68	7.89	8	8.1	3.09
249	3/19/2007 00:31	10.8	48.935	31.82	7.73	7.99	7.2	3.16
250	3/19/2007 00:46	10.67	49.167	31.98	7.55	7.98	6.8	3.21
251	3/19/2007 01:01	10.6	49.205	32	7.48	7.98	5.1	3.24
252	3/19/2007 01:16	10.77	49.069	31.92	7.56	7.98	5.8	3.25
253	3/19/2007 01:31	10.57	49.312	32.08	7.37	7.97	6.4	3.22
254	3/19/2007 01:46	11.03	48.604	31.6	7.64	7.99	7.5	3.15
255	3/19/2007 02:01	11.52	47.754	31.01	8.04	8.02	6.2	3.06
256	3/19/2007 02:16	11.52	47.972	31.16	8	8.02	9.0	2.97
257	3/19/2007 02:31	11.68	47.619	30.92	8.04	8.02	8.5	2.85
258	3/19/2007 02:46	11.92	47.323	30.71	8.08	8.02	5.3	2.71
259	3/19/2007 03:01	12.12	46.758	30.32	8.3	8.04	5.4	2.60
260	3/19/2007 03:16	12.28	46.555	30.18	8.28	8.04	6.1	2.46
261	3/19/2007 03:31	12.13	46.851	30.38	8.21	8.02	4.0	2.34
262	3/19/2007 03:46	12.39	46.323	30.01	8.22	8.04	4.0	2.21
263	3/19/2007 04:01	12.95	45.382	29.36	8.57	8.07	5.1	2.08
264	3/19/2007 04:16	13.05	45.213	29.24	8.51	8.08	5.7	1.94
265	3/19/2007 04:31	12.92	45.459	29.41	8.48	8.07	4.6	1.82
266	3/19/2007 04:46	13.07	45.183	29.22	8.48	8.07	4.5	1.69
267	3/19/2007 05:01	13.13	44.966	29.07	8.55	8.07	4.5	1.56
268	3/19/2007 05:16	13.39	44.577	28.8	8.59	8.09	4.5	1.43
269	3/19/2007 05:31	13.43	44.536	28.77	8.6	8.09	4.3	1.30
270	3/19/2007 05:46	13.59	44.295	28.6	8.65	8.1	3.7	1.20
271	3/19/2007 06:01	13.61	44.236	28.56	8.65	8.1	4.5	1.10
272	3/19/2007 06:16	13.7	44.084	28.45	8.66	8.1	3.9	1.02
273	3/19/2007 06:31	13.75	43.99	28.39	8.6	8.1	3.1	0.99
274	3/19/2007 06:46	13.8	43.865	28.3	8.54	8.11	2.2	0.96
275	3/19/2007 07:01	13.73	44.02	28.41	8.65	8.1	2.8	0.98
276	3/19/2007 07:16	13.66	44.09	28.45	8.66	8.1	3.2	1.03
277	3/19/2007 07:31	13.64	44.177	28.52	8.68	8.1	3.2	1.11
278	3/19/2007 07:46	13.59	44.201	28.53	8.67	8.1	3.5	1.20
279	3/19/2007 08:01	13.58	43.747	28.21	8.59	8.09	4.6	1.30
280	3/19/2007 08:16	13.56	43.723	28.19	8.57	8.08	4.3	1.40
281	3/19/2007 08:31	13.51	43.882	28.3	8.56	8.08	4.8	1.51
282	3/19/2007 08:46	13.39	44.26	28.57	8.55	8.08	4.6	1.62
283	3/19/2007 09:01	13.25	44.699	28.88	8.49	8.07	4.0	1.72
284	3/19/2007 09:16	12.98	45.267	29.28	8.42	8.05	4.8	1.83
285	3/19/2007 09:31	12.85	45.66	29.55	8.45	8.05	5.3	1.93
286	3/19/2007 09:46	12.77	45.792	29.65	8.44	8.05	5.3	2.02
287	3/19/2007 10:01	12.73	45.801	29.65	8.46	8.05	5.6	2.12

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	3/19/2007 10:16	12.61	46.127	29.88	8.42	8.05	6.9	2.22
289	3/19/2007 10:31	12.45	46.277	29.98	8.37	8.04	8.1	2.32
290	3/19/2007 10:46	12.31	46.53	30.16	8.32	8.03	11.6	2.42
291	3/19/2007 11:01	12.14	46.787	30.34	8.28	8.03	9.9	2.52
292	3/19/2007 11:16	11.96	47.065	30.53	8.21	8.02	8.4	2.62
293	3/19/2007 11:31	11.55	47.751	31.01	7.98	8.01	10.0	2.72
294	3/19/2007 11:46	11.31	48.14	31.27	7.83	8	10.4	2.81
295	3/19/2007 12:01	11.19	48.265	31.36	7.78	7.99	9.5	2.91
296	3/19/2007 12:16	11.02	48.538	31.55	7.64	7.99	8.1	3.00
297	3/19/2007 12:31	10.81	48.82	31.74	7.46	7.98	6.7	3.07
298	3/19/2007 12:46	10.68	48.987	31.85	7.36	7.97	5.8	3.13
299	3/19/2007 13:01	10.61	49.094	31.93	7.31	7.97	5.0	3.18
300	3/19/2007 13:16	10.57	49.19	31.99	7.29	7.97	4.3	3.20
301	3/19/2007 13:31	10.65	49.047	31.89	7.27	7.97	6.0	3.20
302	3/19/2007 13:46	10.56	49.102	31.93	7.23	7.97	4.7	3.17
303	3/19/2007 14:01	10.59	49.185	31.99	7.22	7.97	6.5	3.10
304	3/19/2007 14:16	11.91	47.522	30.86	8.19	8.03	5.4	3.01
305	3/19/2007 14:31	11.45	48.064	31.23	7.88	8.01	6.1	2.91
306	3/19/2007 14:46	11.58	47.907	31.12	7.89	8.02	7.3	2.79
307	3/19/2007 15:01	12.33	46.937	30.45	8.44	8.05	7.8	2.67
308	3/19/2007 15:16	12.36	46.949	30.46	8.64	8.06	5.9	2.53
309	3/19/2007 15:31	12.3	46.997	30.5	8.68	8.07	6.0	2.41
310	3/19/2007 15:46	12.56	46.634	30.25	8.74	8.07	10.3	2.30
311	3/19/2007 16:01	12.86	46.021	29.81	8.8	8.08	11.3	2.15
312	3/19/2007 16:16	12.93	45.883	29.72	8.83	8.08	11.8	2.02
313	3/19/2007 16:31	13	45.869	29.71	9.03	8.1	8.0	1.89
314	3/19/2007 16:46	13.1	45.751	29.63	9.16	8.12	7.0	1.76
315	3/19/2007 17:01	13.27	45.615	29.54	9.35	8.13	6.2	1.62
316	3/19/2007 17:16	13.44	45.318	29.33	9.45	8.15	7.9	1.48
317	3/19/2007 17:31	13.61	44.952	29.07	9.45	8.15	6.8	1.36
318	3/19/2007 17:46	13.72	44.799	28.96	9.56	8.17	7.2	1.23
319	3/19/2007 18:01	13.82	44.643	28.85	9.51	8.17	6.5	1.12
320	3/19/2007 18:16	13.92	44.352	28.65	9.45	8.17	6.4	1.02
321	3/19/2007 18:31	13.95	44.326	28.63	9.41	8.17	5.7	0.96
322	3/19/2007 18:46	13.99	44.154	28.51	9.26	8.16	4.3	0.91
323	3/19/2007 19:01	13.99	44.087	28.46	8.92	8.14	2.7	0.89
324	3/19/2007 19:16	13.94	44.218	28.55	9.35	8.16	5.6	0.94
325	3/19/2007 19:31	13.88	44.32	28.62	9.32	8.15	6.7	1.00
326	3/19/2007 19:46	13.82	44.422	28.7	9.31	8.15	7.8	1.08
327	3/19/2007 20:01	13.86	43.91	28.33	9.23	8.13	10.0	1.18
328	3/19/2007 20:16	13.86	43.758	28.22	9.17	8.13	7.9	1.29
329	3/19/2007 20:31	13.73	44.252	28.57	9.14	8.12	7.1	1.41
330	3/19/2007 20:46	13.63	44.575	28.8	9.14	8.12	6.3	1.51
331	3/19/2007 21:01	13.54	44.7	28.89	9.09	8.12	5.6	1.62
332	3/19/2007 21:16	13.3	45.109	29.17	8.92	8.09	6.3	1.73
333	3/19/2007 21:31	13.13	45.521	29.46	8.78	8.07	7.8	1.85
334	3/19/2007 21:46	13.02	45.683	29.58	8.69	8.06	7.5	1.96
335	3/19/2007 22:01	12.95	45.933	29.75	8.67	8.06	9.2	2.07

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	3/19/2007 22:16	12.78	46.096	29.87	8.62	8.06	9.8	2.18
337	3/19/2007 22:31	12.68	46.209	29.94	8.56	8.05	10.7	2.29
338	3/19/2007 22:46	12.52	46.4	30.08	8.49	8.04	12.9	2.40
339	3/19/2007 23:01	12.25	46.75	30.32	8.41	8.03	14.4	2.51
340	3/19/2007 23:16	12.08	46.981	30.48	8.34	8.02	11.3	2.62
341	3/19/2007 23:31	11.61	47.77	31.02	8.11	8	14.5	2.75
342	3/19/2007 23:46	11.39	48.088	31.24	7.99	8	11.5	2.86
343	3/20/2007 00:01	11.19	48.369	31.43	7.91	7.99	9.9	2.96
344	3/20/2007 00:16	11.1	48.469	31.5	7.91	7.99	10.4	3.08
345	3/20/2007 00:31	10.97	48.542	31.55	7.93	7.99	9.1	3.18
346	3/20/2007 00:46	10.91	48.583	31.57	7.91	7.99	8.1	3.26
347	3/20/2007 01:01	10.9	48.661	31.63	7.9	7.99	6.7	3.33
348	3/20/2007 01:16	10.84	48.626	31.6	7.92	7.99	5.4	3.39
349	3/20/2007 01:31	10.82	48.648	31.62	7.88	7.99	4.2	3.42
350	3/20/2007 01:46	10.99	48.507	31.52	7.83	7.99	5.7	3.42
351	3/20/2007 02:01	11.04	48.476	31.5	7.84	7.99	6.1	3.40
352	3/20/2007 02:16	10.99	48.491	31.51	7.87	7.99	5.6	3.34
353	3/20/2007 02:31	11.14	48.31	31.39	7.88	7.99	6.8	3.25
354	3/20/2007 02:46	11.35	47.903	31.11	7.97	8	6.3	3.14
355	3/20/2007 03:01	11.4	47.789	31.03	8.01	8.01	5.4	3.01
356	3/20/2007 03:16	11.46	47.618	30.91	8.02	8.01	6.5	2.88
357	3/20/2007 03:31	11.57	47.525	30.84	7.98	8	6.5	2.76
358	3/20/2007 03:46	11.74	47.263	30.66	7.93	8.01	5.9	2.62
359	3/20/2007 04:01	11.99	46.931	30.44	8.13	8.02	7.0	2.49
360	3/20/2007 04:16	11.94	46.97	30.46	8.18	8.01	7.1	2.34
361	3/20/2007 04:31	12.08	46.683	30.26	8.25	8.01	6.8	2.20
362	3/20/2007 04:46	12.54	45.926	29.73	8.29	8.04	6.6	2.07
363	3/20/2007 05:01	12.59	45.755	29.61	8.29	8.04	7.9	1.91
364	3/20/2007 05:16	12.59	45.62	29.52	8.32	8.04	6.7	1.77
365	3/20/2007 05:31	12.65	45.326	29.31	8.24	8.04	6.3	1.62
366	3/20/2007 05:46	12.81	45.131	29.17	8.29	8.05	5.7	1.49
367	3/20/2007 06:01	12.83	44.954	29.05	8.3	8.05	6.1	1.32
368	3/20/2007 06:16	12.99	44.699	28.87	8.31	8.05	6.0	1.18
369	3/20/2007 06:31	13.12	44.441	28.69	8.3	8.06	5.7	1.05
370	3/20/2007 06:46	13.21	44.162	28.49	8.31	8.06	6.5	0.93
371	3/20/2007 07:01	13.24	43.972	28.36	8.25	8.06	5.7	0.83
372	3/20/2007 07:16	13.26	43.832	28.26	8.16	8.06	5.7	0.77
373	3/20/2007 07:31	13.24	43.903	28.31	8.07	8.06	3.5	0.74
374	3/20/2007 07:46	13.23	43.96	28.35	8.26	8.06	4.5	0.78
375	3/20/2007 08:01	13.21	44.066	28.42	8.3	8.06	4.1	0.85
376	3/20/2007 08:16	13.2	44.162	28.49	8.3	8.06	4.4	0.92
377	3/20/2007 08:31	13.17	44.2	28.52	8.29	8.05	4.2	1.01
378	3/20/2007 08:46	13.14	43.742	28.19	8.32	8.05	4.8	1.12
379	3/20/2007 09:01	13.14	43.836	28.26	8.32	8.05	4.8	1.22
380	3/20/2007 09:16	13.13	43.664	28.14	8.31	8.04	5.4	1.32
381	3/20/2007 09:31	13.11	44.043	28.41	8.3	8.05	5.4	1.42
382	3/20/2007 09:46	12.99	44.453	28.69	8.27	8.04	6.4	1.53
383	3/20/2007 10:01	12.89	44.839	28.97	8.24	8.04	5.9	1.64

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
384	3/20/2007 10:16	12.78	45.04	29.11	8.23	8.03	6.8	1.74
385	3/20/2007 10:31	12.72	45.336	29.32	8.26	8.03	6.5	1.85
386	3/20/2007 10:46	12.65	45.61	29.51	8.25	8.03	6.9	1.96
387	3/20/2007 11:01	12.56	45.772	29.63	8.26	8.03	8.4	2.07
388	3/20/2007 11:16	12.42	46.048	29.82	8.21	8.02	9.2	2.17
389	3/20/2007 11:31	12.35	46.197	29.92	8.2	8.02	10.1	2.27
390	3/20/2007 11:46	12.26	46.299	29.99	8.19	8.02	11.8	2.38
391	3/20/2007 12:01	12.09	46.538	30.16	8.21	8.01	14.4	2.48
392	3/20/2007 12:16	11.92	46.817	30.35	8.21	8.01	15.1	2.58
393	3/20/2007 12:31	11.63	47.332	30.71	8.18	8	15.5	2.66
394	3/20/2007 12:46	11.44	47.664	30.94	8.19	8.01	12.6	2.77
395	3/20/2007 13:01	11.35	47.86	31.07	8.2	8.01	12.5	2.85
396	3/20/2007 13:16	11.27	47.97	31.15	8.16	8.01	10.7	2.93
397	3/20/2007 13:31	11.22	48.075	31.22	8.12	8.01	9.4	3.00
398	3/20/2007 13:46	11.07	48.344	31.41	8.05	8.01	7.2	3.05
399	3/20/2007 14:01	11.05	48.386	31.44	8.03	8.01	5.5	3.08
400	3/20/2007 14:16	11.12	48.324	31.4	7.95	8	5.6	3.08
401	3/20/2007 14:31	11.04	48.413	31.46	7.97	8.01	8.7	3.05
402	3/20/2007 14:46	11.33	48.068	31.22	8.03	8.01	14.4	3.00
403	3/20/2007 15:01	11.99	47.401	30.77	8.49	8.03	20.3	2.93
404	3/20/2007 15:16	11.99	47.739	31.02	8.53	8.03	22.7	2.83
405	3/20/2007 15:31	12.06	47.64	30.95	8.56	8.03	18.3	2.73
406	3/20/2007 15:46	12.1	47.459	30.82	8.59	8.03	23.1	2.63
407	3/20/2007 16:01	12.27	47.247	30.67	8.75	8.05	20.3	2.52
408	3/20/2007 16:16	12.39	47.039	30.53	8.93	8.06	18.7	2.40
409	3/20/2007 16:31	12.73	46.487	30.15	9.05	8.08	18.1	2.29
410	3/20/2007 16:46	12.87	46.206	29.95	8.99	8.08	17.5	2.17
411	3/20/2007 17:01	13.26	45.27	29.29	9.07	8.1	18.0	2.03
412	3/20/2007 17:16	13.43	44.953	29.07	9.17	8.12	15.8	1.91
413	3/20/2007 17:31	13.26	45.366	29.36	9.29	8.12	15.4	1.79
414	3/20/2007 17:46	13.43	45.06	29.14	9.27	8.13	16.1	1.67
415	3/20/2007 18:01	13.43	45.036	29.13	9.32	8.13	16.1	1.56
416	3/20/2007 18:16	13.53	44.819	28.97	9.34	8.14	15.1	1.43
417	3/20/2007 18:31	13.61	44.506	28.75	9.35	8.15	14.7	1.32
418	3/20/2007 18:46	13.68	44.174	28.51	9.3	8.15	15.3	1.24
419	3/20/2007 19:01	13.7	44.06	28.43	9.21	8.15	13.4	1.16
420	3/20/2007 19:16	13.74	43.885	28.31	9.11	8.14	12.0	1.10
421	3/20/2007 19:31	13.71	43.895	28.32	8.98	8.13	10.8	1.08
422	3/20/2007 19:46	13.65	43.894	28.31	9.01	8.13	9.5	1.09
423	3/20/2007 20:01	13.66	43.964	28.36	9.14	8.14	10.2	1.14
424	3/20/2007 20:16	13.69	44.043	28.42	9.13	8.13	10.4	1.19
425	3/20/2007 20:31	13.72	43.839	28.28	9.12	8.13	10.0	1.28
426	3/20/2007 20:46	13.7	43.991	28.38	9.11	8.13	10.0	1.38
427	3/20/2007 21:01	13.69	43.728	28.2	9.12	8.13	9.7	1.47
428	3/20/2007 21:16	13.74	43.253	27.86	9.12	8.12	9.0	1.58
429	3/20/2007 21:31	13.67	44.014	28.4	9.09	8.12	9.7	1.69
430	3/20/2007 21:46	13.55	43.459	28	9.05	8.11	9.7	1.80
431	3/20/2007 22:01	13.39	43.994	28.38	8.98	8.09	8.7	1.93

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	3/20/2007 22:16	13.15	44.423	28.68	8.87	8.07	8.3	2.03
433	3/20/2007 22:31	12.96	44.968	29.06	8.82	8.06	7.6	2.14
434	3/20/2007 22:46	12.87	45.839	29.68	8.73	8.05	10.8	2.24
435	3/20/2007 23:01	12.76	45.974	29.78	8.71	8.05	14.6	2.35
436	3/20/2007 23:16	12.57	46.39	30.07	8.68	8.04	17.5	2.46
437	3/20/2007 23:31	12.5	46.463	30.12	8.66	8.04	18.6	2.58
438	3/20/2007 23:46	12.12	46.766	30.32	8.66	8.04	26.9	2.68
439	3/21/2007 00:01	11.86	47.273	30.68	8.67	8.03	24.3	2.78
440	3/21/2007 00:16	11.52	47.774	31.02	8.79	8.04	19.7	2.88
441	3/21/2007 00:31	11.37	48.005	31.18	8.84	8.04	16.1	3.00
442	3/21/2007 00:46	11.29	48.125	31.26	8.88	8.05	16.4	3.11
443	3/21/2007 01:01	11.16	48.32	31.4	8.94	8.05	14.3	3.21
444	3/21/2007 01:16	11.06	48.455	31.49	9.02	8.06	12.8	3.29
445	3/21/2007 01:31	10.99	48.56	31.56	9.05	8.06	9.7	3.37
446	3/21/2007 01:46	10.93	48.687	31.65	9.06	8.06	7.1	3.42
447	3/21/2007 02:01	10.93	48.662	31.63	9.03	8.06	5.4	3.45
448	3/21/2007 02:16	11.07	48.398	31.45	8.93	8.06	7.8	3.47
449	3/21/2007 02:31	11.04	48.493	31.52	8.92	8.06	7.8	3.45
450	3/21/2007 02:46	11.08	48.316	31.39	8.9	8.05	9.2	3.38
451	3/21/2007 03:01	11.02	48.466	31.49	8.98	8.06	8.2	3.30
452	3/21/2007 03:16	11.03	48.353	31.41	8.91	8.05	7.3	3.21
453	3/21/2007 03:31	11.06	48.304	31.38	8.96	8.06	7.4	3.08
454	3/21/2007 03:46	11.39	47.548	30.85	8.82	8.05	9.8	2.96
455	3/21/2007 04:01	11.52	47.275	30.66	8.72	8.04	13.6	2.85
456	3/21/2007 04:16	11.5	47.338	30.71	8.69	8.04	9.5	2.71
457	3/21/2007 04:31	11.64	46.848	30.36	8.66	8.04	9.3	2.57
458	3/21/2007 04:46	11.78	46.655	30.23	8.61	8.04	8.9	2.41
459	3/21/2007 05:01	12.13	45.898	29.7	8.58	8.05	12.4	2.29
460	3/21/2007 05:16	11.83	46.46	30.09	8.57	8.04	8.5	2.14
461	3/21/2007 05:31	12.34	45.211	29.22	8.55	8.05	10.7	2.00
462	3/21/2007 05:46	12.04	45.668	29.53	8.53	8.05	10.2	1.83
463	3/21/2007 06:01	12.13	45.377	29.33	8.49	8.05	9.4	1.69
464	3/21/2007 06:16	11.94	45.524	29.42	8.51	8.04	10.3	1.53
465	3/21/2007 06:31	12.09	45.162	29.17	8.48	8.04	10.0	1.38
466	3/21/2007 06:46	12.16	44.797	28.91	8.45	8.04	9.9	1.22
467	3/21/2007 07:01	12.26	44.461	28.67	8.41	8.04	10.8	1.05
468	3/21/2007 07:16	12.31	44.101	28.42	8.37	8.04	11.4	0.90
469	3/21/2007 07:31	12.27	43.942	28.31	8.32	8.03	11.4	0.78
470	3/21/2007 07:46	12.2	43.662	28.1	8.3	8.03	11.0	0.67
471	3/21/2007 08:01	12.16	43.5	27.99	8.24	8.02	10.6	0.58
472	3/21/2007 08:16	12.13	43.535	28.01	8.11	8.03	7.8	0.58
473	3/21/2007 08:31	12.18	43.598	28.06	8.29	8.03	10.0	0.61
474	3/21/2007 08:46	12.25	43.827	28.22	8.32	8.03	8.9	0.67
475	3/21/2007 09:01	12.31	43.88	28.26	8.32	8.03	9.9	0.76
476	3/21/2007 09:16	12.31	44.009	28.35	8.38	8.04	8.7	0.85
477	3/21/2007 09:31	12.22	42.868	27.54	8.54	8.04	11.3	0.94
478	3/21/2007 09:46	12.27	43.24	27.81	8.48	8.04	9.2	1.02
479	3/21/2007 10:01	12.27	43.307	27.85	8.46	8.04	8.5	1.10

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	3/21/2007 10:16	12.3	43.569	28.04	8.42	8.04	8.1	1.19
481	3/21/2007 10:31	12.31	43.619	28.08	8.4	8.04	7.5	1.28
482	3/21/2007 10:46	12.31	43.895	28.27	8.39	8.04	7.9	1.37
483	3/21/2007 11:01	12.23	44.484	28.69	8.41	8.04	8.4	1.47
484	3/21/2007 11:16	12.23	44.385	28.62	8.47	8.04	8.3	1.59
485	3/21/2007 11:31	12.18	44.136	28.44	8.57	8.04	8.8	1.70
486	3/21/2007 11:46	12.14	44.375	28.61	8.61	8.04	8.0	1.81
487	3/21/2007 12:01	12.15	44.533	28.72	8.64	8.04	8.3	1.93
488	3/21/2007 12:16	12.17	44.644	28.8	8.64	8.04	7.6	2.03
489	3/21/2007 12:31	12.05	45.788	29.62	8.52	8.04	11.2	2.14
490	3/21/2007 12:46	12.03	46.006	29.77	8.61	8.04	11.8	2.24
491	3/21/2007 13:01	12	46.174	29.89	8.63	8.04	12.5	2.33
492	3/21/2007 13:16	11.82	46.266	29.95	8.67	8.04	16.5	2.42
493	3/21/2007 13:31	11.73	46.55	30.15	8.73	8.04	17.9	2.49
494	3/21/2007 13:46	11.62	46.838	30.35	8.84	8.04	16.2	2.58
495	3/21/2007 14:01	11.45	47.243	30.63	9	8.04	15.8	2.64
496	3/21/2007 14:16	11.35	47.429	30.76	9.04	8.04	13.3	2.70
497	3/21/2007 14:31	11.28	47.658	30.93	9.1	8.05	10.2	2.75
498	3/21/2007 14:46	11.22	47.745	30.99	9.1	8.05	8.3	2.80
499	3/21/2007 15:01	11.2	47.854	31.06	9.11	8.05	6.5	2.83
500	3/21/2007 15:16	11.21	47.834	31.05	8.91	8.04	5.9	2.82
501	3/21/2007 15:31	11.2	47.793	31.02	9.04	8.04	10.9	2.81
502	3/21/2007 15:46	11.33	47.655	30.93	9.04	8.04	17.8	2.76
503	3/21/2007 16:01	11.74	47.347	30.72	9.12	8.05	34.1	2.67
504	3/21/2007 16:16	11.69	47.407	30.76	9.2	8.06	33.5	2.60
505	3/21/2007 16:31	11.66	47.601	30.9	9.23	8.06	22.7	2.51
506	3/21/2007 16:46	11.72	47.491	30.83	9.22	8.06	19.6	2.41
507	3/21/2007 17:01	12.09	46.839	30.37	9.24	8.09	27.9	2.31
508	3/21/2007 17:16	12.33	46.339	30.02	9.12	8.07	36.5	2.20
509	3/21/2007 17:31	12.44	45.96	29.76	9.07	8.06	35.7	2.11
510	3/21/2007 17:46	12.6	45.183	29.2	9.08	8.06	35.8	2.00
511	3/21/2007 18:01	12.69	44.766	28.91	9.01	8.06	30.8	1.90
512	3/21/2007 18:16	12.66	44.877	28.99	9.06	8.07	24.6	1.80
513	3/21/2007 18:31	12.79	44.541	28.75	9.04	8.07	23.0	1.69
514	3/21/2007 18:46	12.72	44.767	28.91	9.08	8.08	22.3	1.59
515	3/21/2007 19:01	12.76	44.601	28.79	9.08	8.08	22.5	1.51
516	3/21/2007 19:16	12.7	44.685	28.85	9.11	8.09	20.7	1.41
517	3/21/2007 19:31	12.7	44.538	28.75	9.05	8.08	20.6	1.35
518	3/21/2007 19:46	12.73	44.443	28.68	8.96	8.07	18.8	1.31
519	3/21/2007 20:01	12.74	44.299	28.58	8.9	8.07	16.7	1.26
520	3/21/2007 20:16	12.75	44.25	28.54	8.78	8.07	15.3	1.26
521	3/21/2007 20:31	12.72	44.284	28.57	8.88	8.07	12.8	1.28
522	3/21/2007 20:46	12.71	44.458	28.69	8.93	8.07	14.6	1.33
523	3/21/2007 21:01	12.71	44.45	28.68	8.93	8.07	13.0	1.37
524	3/21/2007 21:16	12.77	44.28	28.56	8.94	8.07	14.1	1.45
525	3/21/2007 21:31	12.75	44.37	28.63	8.89	8.06	13.7	1.55
526	3/21/2007 21:46	12.78	43.999	28.36	8.93	8.07	13.3	1.64
527	3/21/2007 22:01	12.78	44.073	28.42	8.9	8.06	13.4	1.73

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	
528	3/21/2007 22:16	12.73	44.037	28.39	8.91	8.07	17.8	1.84	
529	3/21/2007 22:31	12.6	44.571	28.77	8.91	8.06	14.7	1.93	
530	3/21/2007 22:46	12.42	45.23	29.23	8.93	8.06	15.7	2.03	
531	3/21/2007 23:01	12.34	45.145	29.17	8.97	8.06	22.0	2.12	
532	3/21/2007 23:16	12.16	45.993	29.77	8.98	8.05	20.5	2.22	
533	3/21/2007 23:31	12.06	46.263	29.96	8.99	8.05	15.9	2.31	
534	3/21/2007 23:46	11.97	46.375	30.03	9.01	8.05	20.3	2.41	
535	3/22/2007 00:01	11.82	46.687	30.25	9.06	8.05	21.3	2.51	
536	3/22/2007 00:16	11.61	46.858	30.37	9.11	8.05	20.8	2.61	
537	3/22/2007 00:31	11.44	47.16	30.58	9.13	8.06	18.9	2.71	
538	3/22/2007 00:46	11.18	47.756	30.99	9.12	8.05	19.6	2.83	
539	3/22/2007 01:01	10.97	48.18	31.29	9.09	8.04	17.4	2.94	
540	3/22/2007 01:16	10.83	48.413	31.45	9.05	8.04	16.6	3.04	
541	3/22/2007 01:31	10.73	48.621	31.59	9.05	8.04	16.1	3.14	
542	3/22/2007 01:46	10.59	48.776	31.69	9.05	8.03	13.4	3.22	
543	3/22/2007 02:01	10.48	48.914	31.79	9.01	8.02	11.4	3.30	
544	3/22/2007 02:16	10.42	49.007	31.85	8.98	8.02	9.3	3.36	
545	3/22/2007 02:31	10.33	49.079	31.9	8.9	8.01	8.1	3.40	
546	3/22/2007 02:46	10.33	49.126	31.93	8.8	8.01	5.2	3.42	
547	3/22/2007 03:01	10.39	49.108	31.92	8.84	8.01	8.7	3.41	
548	3/22/2007 03:16	10.31	49.157	31.95	8.84	8.01	9.4	3.37	
549	3/22/2007 03:31	10.73	47.974	31.12	8.97	8.03	8.8	3.31	
550	3/22/2007 03:46	10.81	47.807	31.01	8.95	8.03	7.1	3.21	
551	3/22/2007 04:01	10.89	47.965	31.13	8.91	8.03	7.6	3.11	
552	3/22/2007 04:16	10.86	48.059	31.19	8.88	8.03	13.7	3.00	
553	3/22/2007 04:31	11.09	47.208	30.59	8.89	8.04	16.6	2.88	
554	3/22/2007 04:46	11.13	47.001	30.45	8.87	8.03	10.5	2.75	
555	3/22/2007 05:01	11.25	46.711	30.24	8.8	8.03	9.8	2.64	
556	3/22/2007 05:16	11.34	46.583	30.16	8.79	8.03	7.6	2.50	
557	3/22/2007 05:31	11.26	46.813	30.32	8.78	8.04	8.0	2.36	
558	3/22/2007 05:46	11.54	46.237	29.92	8.73	8.03	8.7	2.23	
559	3/22/2007 06:01	11.56	46.044	29.78	8.71	8.03	9.2	2.09	
560	3/22/2007 06:16	11.58	45.725	29.55	8.66	8.03	10.2	1.94	
561	3/22/2007 06:31	11.53	45.682	29.52	8.62	8.03	9.0	1.79	
562	3/22/2007 06:46	11.54	45.62	29.47	8.56	8.02	11.2	1.64	
563	3/22/2007 07:01	11.61	45.352	29.29	8.53	8.03	10.9	1.49	
564	3/22/2007 07:16	11.63	45.228	29.2	8.49	8.02	10.6	1.31	
565	3/22/2007 07:31	11.69	45.013	29.05	8.45	8.02	10.1	1.17	
566	3/22/2007 07:46	11.73	44.775	28.88	8.43	8.02	9.5	1.01	
567	3/22/2007 08:01	11.78	44.559	28.73	8.38	8.02	13.2	0.85	
568	3/22/2007 08:16	11.82	44.366	28.59	8.36	8.02	13.1	0.72	
569	3/22/2007 08:31	11.84	44.267	28.52	8.33	8.02	10.8	0.61	
570	3/22/2007 08:46	11.84	44.225	28.49	8.16	8.01	5.9	0.54	
571	3/22/2007 09:01	11.84	44.295	28.54	8.32	8.02	8.4	0.52	
572	3/22/2007 09:16	11.87	44.346	28.58	8.37	8.02	7.0	0.57	
573	3/22/2007 09:31	11.87	44.375	28.6	8.38	8.02	6.2	0.63	
574	3/22/2007 09:46	11.86	44.436	28.64	8.38	8.02	7.1	0.71	
575	3/22/2007 10:01	11.86	44.503	28.69	8.39	8.02	6.3	0.79	

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	3/22/2007 10:16	11.83	43.234	27.78	8.51	8.02	7.1	0.88
577	3/22/2007 10:31	11.82	43.675	28.1	8.45	8.02	6.5	0.93
578	3/22/2007 10:46	11.8	43.798	28.18	8.43	8.02	7.2	1.00
579	3/22/2007 11:01	11.79	43.691	28.11	8.44	8.03	6.7	1.08
580	3/22/2007 11:16	11.78	43.877	28.24	8.43	8.03	6.9	1.15
581	3/22/2007 11:31	11.79	43.672	28.09	8.46	8.03	6.8	1.23
582	3/22/2007 11:46	11.78	43.756	28.15	8.48	8.03	7.3	1.33
583	3/22/2007 12:01	11.77	44.189	28.46	8.53	8.03	7.3	1.42
584	3/22/2007 12:16	11.8	44.26	28.51	8.65	8.04	7.2	1.52
585	3/22/2007 12:31	11.81	44.37	28.59	8.7	8.05	7.1	1.64
586	3/22/2007 12:46	11.84	44.638	28.78	8.72	8.04	7.1	1.75
587	3/22/2007 13:01	11.81	45.388	29.32	8.72	8.05	7.3	1.85
588	3/22/2007 13:16	11.74	45.883	29.67	8.67	8.05	8.6	1.96
589	3/22/2007 13:31	11.7	45.974	29.74	8.69	8.04	9.4	2.06
590	3/22/2007 13:46	11.73	46.196	29.9	8.77	8.05	12.0	2.15
591	3/22/2007 14:01	11.7	46.321	29.98	8.81	8.03	11.2	2.24
592	3/22/2007 14:16	11.62	46.708	30.26	8.89	8.04	12.5	2.31
593	3/22/2007 14:31	11.53	46.792	30.31	8.89	8.04	12.5	2.38
594	3/22/2007 14:46	11.49	46.873	30.37	8.89	8.04	13.4	2.44
595	3/22/2007 15:01	11.3	47.295	30.67	8.9	8.03	14.2	2.50
596	3/22/2007 15:16	11.19	47.612	30.89	8.9	8.03	12.8	2.57
597	3/22/2007 15:31	11.13	47.815	31.03	8.89	8.03	10.6	2.61
598	3/22/2007 15:46	11.07	47.885	31.08	8.82	8.03	7.6	2.65
599	3/22/2007 16:01	11.03	47.907	31.09	8.69	8.03	4.0	2.69
600	3/22/2007 16:16	11.02	47.906	31.09	8.67	8.02	6.0	2.67
601	3/22/2007 16:31	11.05	47.912	31.1	8.78	8.03	7.5	2.64
602	3/22/2007 16:46	11.3	47.583	30.87	8.83	8.03	13.8	2.61
603	3/22/2007 17:01	11.76	47.109	30.55	9.06	8.05	25.7	2.55
604	3/22/2007 17:16	11.68	47.233	30.64	9.12	8.05	22.4	2.48
605	3/22/2007 17:31	11.66	47.259	30.66	9.14	8.05	18.0	2.41
606	3/22/2007 17:46	11.71	47.124	30.56	9.18	8.05	20.3	2.31
607	3/22/2007 18:01	11.82	46.954	30.44	9.28	8.07	19.5	2.23
608	3/22/2007 18:16	11.98	46.676	30.25	9.34	8.08	18.8	2.15
609	3/22/2007 18:31	12.07	46.403	30.06	9.32	8.09	19.3	2.07
610	3/22/2007 18:46	12.06	46.454	30.1	9.37	8.1	15.8	1.98
611	3/22/2007 19:01	12.18	45.771	29.61	9.29	8.09	17.7	1.89
612	3/22/2007 19:16	12.29	45.099	29.13	9.26	8.09	18.1	1.82
613	3/22/2007 19:31	12.26	45.054	29.1	9.28	8.09	18.3	1.74
614	3/22/2007 19:46	12.29	44.855	28.96	9.24	8.09	17.4	1.68
615	3/22/2007 20:01	12.32	44.767	28.9	9.2	8.08	17.5	1.60
616	3/22/2007 20:16	12.35	44.788	28.91	9.17	8.09	15.1	1.57
617	3/22/2007 20:31	12.43	44.691	28.85	9.1	8.08	14.1	1.53
618	3/22/2007 20:46	12.45	44.646	28.81	8.97	8.08	7.3	1.51
619	3/22/2007 21:01	12.4	44.828	28.94	8.96	8.08	8.7	1.52
620	3/22/2007 21:16	12.29	44.941	29.02	9.07	8.07	12.0	1.55
621	3/22/2007 21:31	12.4	44.679	28.84	9.16	8.09	10.3	1.60
622	3/22/2007 21:46	12.39	44.743	28.88	9.12	8.08	11.1	1.64
623	3/22/2007 22:01	12.34	44.872	28.97	9.08	8.07	11.4	1.70

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	3/22/2007 22:16	12.29	44.912	29	9.06	8.07	10.1	1.76
625	3/22/2007 22:31	12.34	44.779	28.91	9.08	8.07	9.0	1.84
626	3/22/2007 22:46	12.31	44.894	28.99	9.05	8.07	9.5	1.91
627	3/22/2007 23:01	12.27	45.283	29.26	9.04	8.06	13.7	1.99
628	3/22/2007 23:16	12.12	45.753	29.59	9.03	8.06	11.3	2.08
629	3/22/2007 23:31	12.05	45.786	29.62	9.02	8.07	11.3	2.17
630	3/22/2007 23:46	11.95	45.966	29.74	9.03	8.06	11.0	2.23
631	3/23/2007 00:01	11.67	46.772	30.31	8.97	8.05	11.6	2.32
632	3/23/2007 00:16	11.51	47.098	30.53	8.94	8.04	14.4	2.41
633	3/23/2007 00:31	11.33	47.463	30.79	8.87	8.04	15.2	2.50
634	3/23/2007 00:46	11.19	47.68	30.94	8.85	8.03	21.6	2.60
635	3/23/2007 01:01	11.07	47.81	31.02	8.83	8.02	19.2	2.68
636	3/23/2007 01:16	10.94	47.98	31.14	8.81	8.02	18.6	2.79
637	3/23/2007 01:31	10.83	48.209	31.3	8.76	8.01	17.6	2.87
638	3/23/2007 01:46	10.67	48.462	31.47	8.67	8	18.0	2.98
639	3/23/2007 02:01	10.43	48.85	31.74	8.55	7.98	16.7	3.05
640	3/23/2007 02:16	10.27	49.171	31.96	8.43	7.97	17.9	3.14
641	3/23/2007 02:31	10.21	49.256	32.02	8.35	7.96	13.3	3.20
642	3/23/2007 02:46	10.13	49.338	32.07	8.3	7.96	11.1	3.27
643	3/23/2007 03:01	10.1	49.518	32.2	8.26	7.96	11.2	3.33
644	3/23/2007 03:16	10.1	49.401	32.12	8.22	7.96	7.3	3.34
645	3/23/2007 03:31	10.18	49.32	32.06	8.22	7.96	9.6	3.36
646	3/23/2007 03:46	10.12	49.493	32.18	8.22	7.96	10.8	3.34
647	3/23/2007 04:01	10.12	49.442	32.15	8.2	7.96	10.3	3.27
648	3/23/2007 04:16	10.47	48.766	31.68	8.49	7.98	8.9	3.23
649	3/23/2007 04:31	10.45	48.696	31.63	8.47	7.98	7.6	3.15
650	3/23/2007 04:46	10.45	48.766	31.68	8.45	7.98	7.0	3.04
651	3/23/2007 05:01	10.56	48.519	31.51	8.46	7.99	7.6	2.93
652	3/23/2007 05:16	10.8	48.004	31.15	8.54	8	6.5	2.84
653	3/23/2007 05:31	10.92	47.837	31.04	8.54	8	6.1	2.73
654	3/23/2007 05:46	11.14	47.338	30.69	8.59	8.01	6.2	2.61
655	3/23/2007 06:01	11.16	47.281	30.65	8.57	8.01	6.2	2.48
656	3/23/2007 06:16	11.15	47.271	30.64	8.57	8.01	6.4	2.37
657	3/23/2007 06:31	11.32	46.956	30.42	8.58	8.02	6.5	2.26
658	3/23/2007 06:46	11.37	46.78	30.3	8.58	8.01	6.8	2.11
659	3/23/2007 07:01	11.74	45.969	29.73	8.62	8.04	12.0	1.97
660	3/23/2007 07:16	11.61	46.166	29.87	8.59	8.03	8.4	1.88
661	3/23/2007 07:31	11.64	45.968	29.73	8.56	8.03	7.8	1.71
662	3/23/2007 07:46	11.8	45.638	29.5	8.55	8.04	8.9	1.56
663	3/23/2007 08:01	11.91	45.471	29.38	8.54	8.05	9.0	1.44
664	3/23/2007 08:16	11.88	45.488	29.39	8.54	8.04	8.1	1.25
665	3/23/2007 08:31	12.01	45.217	29.21	8.53	8.05	9.3	1.13
666	3/23/2007 08:46	12.06	45.098	29.12	8.51	8.05	8.6	0.99
667	3/23/2007 09:01	12.13	44.965	29.03	8.51	8.05	9.2	0.89
668	3/23/2007 09:16	12.19	44.844	28.95	8.49	8.06	7.5	0.77
669	3/23/2007 09:31	12.23	44.802	28.92	8.42	8.06	6.8	0.72
670	3/23/2007 09:46	12.26	44.738	28.87	8.27	8.05	4.7	0.65
671	3/23/2007 10:01	12.25	44.785	28.91	8.44	8.06	6.3	0.67

sonde #2		Indian Island Long-Term Deployment				Water Quality Data			TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	
672	3/23/2007 10:16	12.25	44.84	28.95	8.4	8.06	4.7	0.63	
673	3/23/2007 10:31	12.17	44.931	29.01	8.44	8.05	5.2	0.72	
674	3/23/2007 10:46	12.14	45.062	29.1	8.45	8.05	5.6	0.77	
675	3/23/2007 11:01	12.12	45.025	29.07	8.45	8.05	5.2	0.84	
676	3/23/2007 11:16	12.1	45.072	29.11	8.43	8.04	5.0	0.91	
677	3/23/2007 11:31	12.19	44.066	28.39	8.53	8.05	5.9	0.95	
678	3/23/2007 11:46	12.17	44.139	28.44	8.5	8.05	5.1	1.01	
679	3/23/2007 12:01	12.16	44.269	28.53	8.5	8.04	5.5	1.09	
680	3/23/2007 12:16	12.12	44.522	28.71	8.5	8.04	5.7	1.18	
681	3/23/2007 12:31	12.15	44.27	28.53	8.54	8.04	6.9	1.24	
682	3/23/2007 12:46	12.13	44.341	28.58	8.5	8.04	5.3	1.33	
683	3/23/2007 13:01	12.04	44.741	28.87	8.55	8.04	5.7	1.44	
684	3/23/2007 13:16	11.99	44.947	29.01	8.6	8.04	6.2	1.53	
685	3/23/2007 13:31	12	44.922	28.99	8.68	8.05	6.3	1.62	
686	3/23/2007 13:46	12.05	44.928	29	8.76	8.05	5.9	1.71	
687	3/23/2007 14:01	11.98	45.424	29.35	8.77	8.05	5.9	1.83	
688	3/23/2007 14:16	12	45.705	29.56	8.76	8.05	5.6	1.93	
689	3/23/2007 14:31	11.87	46.08	29.82	8.75	8.04	5.6	2.00	
690	3/23/2007 14:46	11.64	46.546	30.14	8.64	8.03	6.4	2.08	
691	3/23/2007 15:01	11.69	46.619	30.2	8.71	8.03	7.1	2.16	
692	3/23/2007 15:16	11.68	46.809	30.33	8.74	8.03	7.9	2.23	
693	3/23/2007 15:31	11.62	46.92	30.41	8.77	8.03	8.1	2.29	
694	3/23/2007 15:46	11.58	47.021	30.48	8.81	8.02	7.6	2.35	
695	3/23/2007 16:01	11.55	47.093	30.53	8.81	8.02	6.8	2.39	
696	3/23/2007 16:16	11.53	47.223	30.62	8.82	8.02	5.9	2.44	
697	3/23/2007 16:31	11.45	47.301	30.68	8.83	8.02	5.5	2.48	
698	3/23/2007 16:46	11.29	47.449	30.78	8.7	8.01	5.5	2.51	
699	3/23/2007 17:01	11.19	47.59	30.87	8.75	8.01	4.5	2.51	
700	3/23/2007 17:16	11.31	47.445	30.77	8.77	8.01	5.7	2.52	
701	3/23/2007 17:31	11.27	47.491	30.81	8.71	8.01	5.5	2.51	
702	3/23/2007 17:46	11.35	47.381	30.73	8.67	8.01	5.0	2.47	
703	3/23/2007 18:01	11.38	47.304	30.68	8.71	8.01	5.3	2.45	
704	3/23/2007 18:16	11.9	46.865	30.38	9.02	8.06	5.3	2.40	
705	3/23/2007 18:31	11.83	46.838	30.36	8.93	8.05	5.1	2.37	
706	3/23/2007 18:46	12.23	46.423	30.08	9.28	8.09	5.3	2.29	
707	3/23/2007 19:01	12.36	46.422	30.08	9.51	8.12	4.9	2.26	
708	3/23/2007 19:16	12.35	46.445	30.1	9.65	8.12	4.8	2.17	
709	3/23/2007 19:31	12.35	46.491	30.13	9.51	8.11	5.0	2.11	
710	3/23/2007 19:46	12.31	46.249	29.96	9.48	8.11	4.4	2.05	
711	3/23/2007 20:01	12.47	46.11	29.86	9.43	8.1	5.2	1.97	
712	3/23/2007 20:16	12.48	45.7	29.57	9.4	8.11	4.5	1.91	
713	3/23/2007 20:31	12.48	45.598	29.5	9.39	8.11	4.3	1.88	
714	3/23/2007 20:46	12.5	45.434	29.38	9.37	8.11	3.8	1.83	
715	3/23/2007 21:01	12.48	45.526	29.45	9.31	8.1	3.7	1.79	
716	3/23/2007 21:16	12.51	45.381	29.34	9.23	8.1	2.8	1.79	
717	3/23/2007 21:31	12.51	45.418	29.37	8.99	8.09	1.2	1.79	
718	3/23/2007 21:46	12.45	45.461	29.4	9.2	8.1	1.3	1.77	
719	3/23/2007 22:01	12.48	45.376	29.34	9.31	8.11	2.8	1.78	

sonde #2	Indian Island Long-Term Deployment 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	3/23/2007 22:16	12.51	45.199	29.21	9.37	8.11	2.3	1.79
721	3/23/2007 22:31	12.42	45.498	29.42	9.33	8.1	3.1	1.81
722	3/23/2007 22:46	12.35	45.778	29.62	9.27	8.09	3.8	1.87
723	3/23/2007 23:01	12.37	45.804	29.64	9.33	8.1	4.2	1.90
724	3/23/2007 23:16	12.4	45.567	29.47	9.32	8.1	4.2	1.95
725	3/23/2007 23:31	12.36	45.85	29.67	9.31	8.09	4.5	2.04
726	3/23/2007 23:46	12.15	46.21	29.92	9.14	8.07	4.5	2.09
727	3/24/2007 00:01	12.03	46.311	29.99	9.12	8.06	4.6	2.16
728	3/24/2007 00:16	12.06	46.25	29.95	9.18	8.07	5.2	2.24
729	3/24/2007 00:31	11.92	46.471	30.1	9.18	8.06	5.0	2.32
730	3/24/2007 00:46	11.75	46.763	30.3	9.16	8.05	4.7	2.38
731	3/24/2007 01:01	11.48	47.313	30.69	9.1	8.03	4.6	2.45
732	3/24/2007 01:16	11.26	47.715	30.97	9.11	8.02	5.0	2.54
733	3/24/2007 01:31	10.93	48.389	31.43	9.11	8	7.1	2.62
734	3/24/2007 01:46	10.91	48.373	31.42	9.11	8	8.5	2.69
735	3/24/2007 02:01	10.84	48.488	31.5	9.13	8	9.6	2.75
736	3/24/2007 02:16	10.75	48.622	31.59	9.14	7.99	9.2	2.86
737	3/24/2007 02:31	10.65	48.772	31.69	9.17	7.99	10.2	2.92
738	3/24/2007 02:46	10.56	48.971	31.83	9.17	7.98	8.4	3.01
739	3/24/2007 03:01	10.44	49.086	31.91	9.17	7.98	9.2	3.07
740	3/24/2007 03:16	10.33	49.311	32.06	9.16	7.97	8.2	3.13
741	3/24/2007 03:31	10.29	49.33	32.08	9.17	7.97	7.1	3.19
742	3/24/2007 03:46	10.26	49.436	32.15	9.15	7.97	5.9	3.22
743	3/24/2007 04:01	10.23	49.503	32.2	9.09	7.97	5.1	3.23
744	3/24/2007 04:16	10.31	49.346	32.09	9.09	7.97	7.1	3.23
745	3/24/2007 04:31	10.22	49.51	32.2	9.14	7.97	6.7	3.23
746	3/24/2007 04:46	10.24	49.385	32.11	9.16	7.97	7.0	3.20
747	3/24/2007 05:01	10.83	48.376	31.42	8.96	7.99	5.3	3.14
748	3/24/2007 05:16	10.86	48.329	31.39	8.94	7.99	5.3	3.07
749	3/24/2007 05:31	10.91	48.307	31.37	8.88	7.98	4.1	3.00
750	3/24/2007 05:46	10.88	48.37	31.42	8.87	7.98	5.8	2.91
751	3/24/2007 06:01	11.09	47.929	31.11	8.79	7.99	4.5	2.81
752	3/24/2007 06:16	11.12	47.891	31.09	8.83	8	4.4	2.72
753	3/24/2007 06:31	11.22	47.694	30.95	8.85	8	3.9	2.62
754	3/24/2007 06:46	11.25	47.659	30.92	8.85	8	4.1	2.51
755	3/24/2007 07:01	11.32	47.503	30.82	8.81	8	4.0	2.39
756	3/24/2007 07:16	11.4	47.364	30.72	8.8	8.01	3.7	2.30
757	3/24/2007 07:31	11.68	46.808	30.33	8.77	8.03	4.8	2.18
758	3/24/2007 07:46	11.89	46.362	30.02	8.77	8.04	5.5	2.05
759	3/24/2007 08:01	11.96	46.247	29.94	8.77	8.04	4.8	1.93
760	3/24/2007 08:16	12.02	46.192	29.91	8.77	8.05	5.0	1.83
761	3/24/2007 08:31	11.92	46.313	29.99	8.78	8.03	4.4	1.69
762	3/24/2007 08:46	11.97	46.261	29.95	8.8	8.05	4.5	1.56
763	3/24/2007 09:01	12.16	46.004	29.78	8.85	8.06	4.1	1.43
764	3/24/2007 09:16	12.26	45.825	29.65	8.84	8.07	4.2	1.28
765	3/24/2007 09:31	12.38	45.605	29.5	8.81	8.07	6.0	1.16
766	3/24/2007 09:46	12.44	45.501	29.43	8.76	8.07	4.4	1.04
767	3/24/2007 10:01	12.53	45.35	29.32	8.71	8.07	3.9	0.96

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	3/24/2007 10:16	12.58	45.278	29.27	8.71	8.08	3.8	0.85
769	3/24/2007 10:31	12.63	45.172	29.2	8.69	8.08	3.2	0.79
770	3/24/2007 10:46	12.66	45.139	29.17	8.46	8.07	2.7	0.74
771	3/24/2007 11:01	12.63	45.236	29.24	8.7	8.08	3.3	0.74
772	3/24/2007 11:16	12.57	45.215	29.23	8.67	8.07	3.1	0.74
773	3/24/2007 11:31	12.54	45.373	29.34	8.72	8.07	4.1	0.80
774	3/24/2007 11:46	12.52	45.422	29.37	8.7	8.07	4.6	0.83
775	3/24/2007 12:01	12.6	45.431	29.38	8.73	8.07	4.4	0.88
776	3/24/2007 12:16	12.66	45.473	29.41	8.77	8.07	3.7	0.97
777	3/24/2007 12:31	12.72	44.58	28.78	8.83	8.07	4.0	1.01
778	3/24/2007 12:46	12.63	44.856	28.97	8.79	8.07	4.0	1.06
779	3/24/2007 13:01	12.57	44.95	29.04	8.8	8.07	3.8	1.14
780	3/24/2007 13:16	12.52	45.084	29.13	8.8	8.06	3.8	1.21
781	3/24/2007 13:31	12.51	45.062	29.11	8.83	8.06	3.8	1.25
782	3/24/2007 13:46	12.51	45.033	29.09	8.82	8.06	3.5	1.34
783	3/24/2007 14:01	12.41	45.259	29.25	8.79	8.06	3.7	1.40
784	3/24/2007 14:16	12.37	45.27	29.26	8.84	8.06	3.7	1.49
785	3/24/2007 14:31	12.32	45.415	29.36	8.89	8.05	4.2	1.57
786	3/24/2007 14:46	12.27	45.67	29.54	8.93	8.05	4.5	1.66
787	3/24/2007 15:01	12.14	45.949	29.74	8.9	8.05	4.1	1.75
788	3/24/2007 15:16	12	46.361	30.03	8.84	8.04	4.0	1.82
789	3/24/2007 15:31	12.15	46.165	29.89	8.9	8.04	3.9	1.90
790	3/24/2007 15:46	12.2	46.318	30	8.95	8.04	3.6	1.99
791	3/24/2007 16:01	11.82	46.875	30.39	8.86	8.03	4.1	2.05
792	3/24/2007 16:16	11.81	46.921	30.42	8.86	8.03	4.0	2.11
793	3/24/2007 16:31	11.9	46.972	30.46	8.95	8.03	4.2	2.17
794	3/24/2007 16:46	11.86	47.009	30.49	8.94	8.03	3.9	2.22
795	3/24/2007 17:01	11.82	47.164	30.6	8.97	8.03	4.1	2.28
796	3/24/2007 17:16	11.73	47.215	30.63	9.03	8.02	4.6	2.33
797	3/24/2007 17:31	11.73	47.256	30.66	9.03	8.02	4.0	2.35
798	3/24/2007 17:46	11.76	47.307	30.7	9.03	8.02	3.4	2.40
799	3/24/2007 18:01	11.71	47.374	30.74	9.01	8.02	3.4	2.44
800	3/24/2007 18:16	11.68	47.462	30.8	8.9	8.01	2.0	2.44
801	3/24/2007 18:31	11.79	47.297	30.69	8.9	8.01	2.3	2.45
802	3/24/2007 18:46	11.69	47.517	30.84	8.92	8.01	3.6	2.46
803	3/24/2007 19:01	11.7	47.457	30.8	8.94	8.01	4.3	2.45
804	3/24/2007 19:16	11.73	47.365	30.74	8.88	8.01	2.8	2.42
805	3/24/2007 19:31	11.91	47.117	30.57	8.95	8.02	2.9	2.37
806	3/24/2007 19:46	11.94	47.12	30.57	8.99	8.03	3.9	2.34
807	3/24/2007 20:01	12.03	46.945	30.45	9.01	8.04	3.4	2.31
808	3/24/2007 20:16	12.1	46.903	30.42	9.06	8.04	3.2	2.23
809	3/24/2007 20:31	12.11	46.873	30.4	9.06	8.05	3.3	2.18
810	3/24/2007 20:46	12.2	46.763	30.32	9.1	8.06	2.5	2.15
811	3/24/2007 21:01	12.44	46.489	30.14	9.32	8.07	2.4	2.09
812	3/24/2007 21:16	12.55	46.24	29.96	9.51	8.1	2.8	2.04
813	3/24/2007 21:31	12.55	46.217	29.94	9.22	8.08	1.6	2.01
814	3/24/2007 21:46	12.7	46.153	29.9	9.67	8.12	2.7	1.98
815	3/24/2007 22:01	12.85	46.185	29.93	9.66	8.13	2.7	1.94

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	3/24/2007 22:16	13	46.15	29.91	9.26	8.11	1.9	1.93
817	3/24/2007 22:31	12.82	46.213	29.95	9.13	8.09	2.0	1.92
818	3/24/2007 22:46	12.94	46.027	29.82	9.35	8.11	2.3	1.92
819	3/24/2007 23:01	12.88	45.901	29.73	9.44	8.11	2.6	1.93
820	3/24/2007 23:16	12.74	46.091	29.86	9.41	8.1	2.4	1.94
821	3/24/2007 23:31	12.4	46.38	30.06	9.17	8.07	2.9	1.98
822	3/24/2007 23:46	12.48	46.315	30.01	9.21	8.08	3.2	2.01
823	3/25/2007 00:01	12.51	46.218	29.94	9.25	8.08	4.5	2.05
824	3/25/2007 00:16	12.5	46.145	29.89	9.21	8.07	2.9	2.10
825	3/25/2007 00:31	12.28	46.518	30.15	9.09	8.05	3.3	2.15
826	3/25/2007 00:46	12.25	46.514	30.15	9.11	8.05	3.4	2.19
827	3/25/2007 01:01	12.31	46.604	30.21	9.26	8.06	5.6	2.25
828	3/25/2007 01:16	12.05	46.941	30.45	9.15	8.04	4.8	2.29
829	3/25/2007 01:31	12.04	47.024	30.5	9.18	8.04	5.1	2.35
830	3/25/2007 01:46	11.92	47.26	30.67	9.16	8.04	5.6	2.43
831	3/25/2007 02:01	11.84	47.301	30.7	9.2	8.04	4.3	2.48
832	3/25/2007 02:16	11.67	47.699	30.97	9.18	8.03	4.5	2.54
833	3/25/2007 02:31	11.56	47.782	31.03	9.18	8.02	3.7	2.62
834	3/25/2007 02:46	11.39	48.087	31.24	9.15	8.01	5.0	2.68
835	3/25/2007 03:01	11.14	48.489	31.52	9.1	8	4.7	2.75
836	3/25/2007 03:16	11.02	48.705	31.67	9.1	7.99	4.6	2.82
837	3/25/2007 03:31	10.98	48.767	31.71	9.09	7.99	5.8	2.88
838	3/25/2007 03:46	10.92	48.856	31.77	9.08	7.99	6.2	2.93
839	3/25/2007 04:01	10.83	49.016	31.88	9.07	7.98	5.4	2.99
840	3/25/2007 04:16	10.82	49.002	31.87	9.03	7.98	5.4	3.03
841	3/25/2007 04:31	10.79	49.018	31.88	9.02	7.98	5.1	3.06
842	3/25/2007 04:46	10.75	49.101	31.94	8.96	7.98	3.5	3.10
843	3/25/2007 05:01	10.85	48.968	31.85	8.89	7.98	3.5	3.10
844	3/25/2007 05:16	10.71	49.151	31.97	8.97	7.98	4.6	3.10
845	3/25/2007 05:31	10.71	49.151	31.97	8.96	7.98	5.1	3.10
846	3/25/2007 05:46	10.73	49.154	31.98	8.94	7.98	4.4	3.06
847	3/25/2007 06:01	10.98	48.731	31.68	8.92	7.98	4.5	3.02
848	3/25/2007 06:16	11.29	48.082	31.23	8.84	7.99	3.9	2.96
849	3/25/2007 06:31	11.32	48.126	31.27	8.83	7.99	3.7	2.89
850	3/25/2007 06:46	11.2	48.303	31.39	8.9	7.99	4.2	2.81
851	3/25/2007 07:01	11.27	48.214	31.33	8.92	8	3.9	2.74
852	3/25/2007 07:16	11.52	47.71	30.98	8.87	8	3.2	2.64
853	3/25/2007 07:31	11.75	47.266	30.67	8.74	8	3.1	2.56
854	3/25/2007 07:46	11.82	47.197	30.62	8.73	8.01	3.2	2.47
855	3/25/2007 08:01	11.77	47.23	30.64	8.6	7.99	2.4	2.38
856	3/25/2007 08:16	11.91	47.072	30.53	8.73	8.01	3.3	2.28
857	3/25/2007 08:31	12.1	46.766	30.32	8.79	8.03	3.7	2.19
858	3/25/2007 08:46	12.19	46.682	30.26	8.77	8.03	2.9	2.07
859	3/25/2007 09:01	12.37	46.317	30.01	8.88	8.05	3.5	1.97
860	3/25/2007 09:16	12.44	46.228	29.95	8.86	8.05	3.1	1.86
861	3/25/2007 09:31	12.48	46.212	29.94	8.86	8.05	3.0	1.75
862	3/25/2007 09:46	12.51	46.182	29.92	8.89	8.05	3.2	1.63
863	3/25/2007 10:01	12.52	46.125	29.88	8.93	8.06	3.2	1.51

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
864	3/25/2007 10:16	12.62	45.996	29.79	8.94	8.06	3.2	1.40
865	3/25/2007 10:31	12.79	45.74	29.61	9	8.07	3.3	1.30
866	3/25/2007 10:46	12.98	45.567	29.49	9.04	8.09	3.2	1.18
867	3/25/2007 11:01	13.07	45.392	29.37	9.03	8.1	3.4	1.09
868	3/25/2007 11:16	13.11	45.361	29.35	9	8.09	3.9	1.02
869	3/25/2007 11:31	13.15	45.358	29.35	8.9	8.09	2.5	0.96
870	3/25/2007 11:46	13.18	45.346	29.34	8.81	8.08	1.8	0.90
871	3/25/2007 12:01	13.21	45.39	29.37	8.76	8.09	1.2	0.88
872	3/25/2007 12:16	13	45.533	29.47	8.85	8.08	1.7	0.89
873	3/25/2007 12:31	12.88	45.645	29.55	8.79	8.07	1.9	0.90
874	3/25/2007 12:46	12.88	45.693	29.58	8.84	8.07	2.3	0.92
875	3/25/2007 13:01	12.9	45.695	29.58	8.89	8.07	2.1	0.96
876	3/25/2007 13:16	13.01	45.679	29.57	8.95	8.07	2.9	1.02
877	3/25/2007 13:31	13.12	45.57	29.5	9.01	8.07	3.4	1.07
878	3/25/2007 13:46	13.23	45.045	29.13	9	8.07	3.1	1.11
879	3/25/2007 14:01	13.11	45.212	29.24	8.94	8.07	2.5	1.16
880	3/25/2007 14:16	13.05	45.3	29.3	8.98	8.07	3.4	1.23
881	3/25/2007 14:31	13.03	45.165	29.21	9.01	8.07	3.0	1.28
882	3/25/2007 14:46	12.97	45.369	29.35	8.95	8.06	3.4	1.34
883	3/25/2007 15:01	12.98	45.307	29.31	8.99	8.07	3.7	1.40
884	3/25/2007 15:16	12.9	45.49	29.43	8.92	8.06	3.6	1.46
885	3/25/2007 15:31	12.88	45.391	29.36	8.95	8.06	3.2	1.54
886	3/25/2007 15:46	12.73	45.703	29.58	8.91	8.05	2.9	1.61
887	3/25/2007 16:01	12.59	45.963	29.76	8.95	8.04	3.4	1.69
888	3/25/2007 16:16	12.65	45.899	29.72	8.93	8.05	3.3	1.76
889	3/25/2007 16:31	12.55	46.128	29.88	8.94	8.04	3.5	1.84
890	3/25/2007 16:46	12.54	46.206	29.94	8.99	8.04	3.6	1.92
891	3/25/2007 17:01	12.58	46.328	30.03	8.93	8.04	4.1	1.99
892	3/25/2007 17:16	12.68	46.34	30.04	9.03	8.05	4.8	2.06
893	3/25/2007 17:31	12.3	46.7	30.28	8.94	8.03	3.6	2.13
894	3/25/2007 17:46	12.14	46.951	30.46	8.87	8.02	5.0	2.18
895	3/25/2007 18:01	12.14	46.967	30.47	8.85	8.02	4.8	2.24
896	3/25/2007 18:16	12.09	47.009	30.5	8.91	8.02	4.6	2.30
897	3/25/2007 18:31	12.07	47.158	30.6	8.94	8.02	5.0	2.34
898	3/25/2007 18:46	12.05	47.213	30.64	8.97	8.02	4.5	2.38
899	3/25/2007 19:01	12.03	47.273	30.68	8.97	8.02	4.4	2.42
900	3/25/2007 19:16	11.97	47.312	30.71	8.94	8.02	4.0	2.45
901	3/25/2007 19:31	11.95	47.425	30.79	8.88	8.01	2.2	2.47
902	3/25/2007 19:46	11.99	47.377	30.76	8.71	8	1.4	2.48
903	3/25/2007 20:01	11.97	47.419	30.79	8.83	8.01	2.6	2.49
904	3/25/2007 20:16	11.93	47.462	30.82	8.86	8.01	2.8	2.49
905	3/25/2007 20:31	11.94	47.388	30.76	8.93	8.01	3.5	2.47
906	3/25/2007 20:46	11.99	47.378	30.76	8.89	8.01	2.8	2.45
907	3/25/2007 21:01	12.26	46.926	30.44	8.95	8.03	2.7	2.41
908	3/25/2007 21:16	12.2	46.994	30.49	8.99	8.04	2.7	2.37
909	3/25/2007 21:31	12.34	46.838	30.38	9	8.05	2.6	2.35
910	3/25/2007 21:46	12.59	46.52	30.16	8.99	8.06	2.0	2.29
911	3/25/2007 22:01	12.59	46.607	30.23	8.99	8.06	1.7	2.25

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	3/25/2007 22:16	12.64	46.544	30.18	9.12	8.07	2.4	2.21
913	3/25/2007 22:31	12.71	46.512	30.16	8.89	8.06	2.9	2.17
914	3/25/2007 22:46	12.76	46.355	30.05	8.85	8.06	2.3	2.14
915	3/25/2007 23:01	12.73	46.217	29.95	8.76	8.05	2.6	2.10
916	3/25/2007 23:16	12.73	46.108	29.87	8.67	8.04	2.1	2.09
917	3/25/2007 23:31	12.71	46.139	29.89	8.48	8.03	0.6	2.06
918	3/25/2007 23:46	12.67	46.158	29.91	8.59	8.03	2.0	2.05
919	3/26/2007 00:01	12.71	46.136	29.89	8.58	8.04	1.7	2.05
920	3/26/2007 00:16	12.77	46.159	29.91	8.7	8.05	2.3	2.05
921	3/26/2007 00:31	12.76	46.076	29.85	8.72	8.05	1.8	2.06
922	3/26/2007 00:46	12.62	46.45	30.11	8.86	8.05	2.3	2.08
923	3/26/2007 01:01	12.57	46.403	30.08	8.83	8.04	2.6	2.11
924	3/26/2007 01:16	12.58	46.394	30.07	8.86	8.04	2.6	2.14
925	3/26/2007 01:31	12.62	46.093	29.86	8.86	8.05	2.5	2.18
926	3/26/2007 01:46	12.58	46.11	29.87	8.89	8.05	2.9	2.22
927	3/26/2007 02:01	12.37	46.658	30.25	8.89	8.04	2.6	2.26
928	3/26/2007 02:16	12.24	46.939	30.45	8.93	8.03	2.7	2.30
929	3/26/2007 02:31	12.28	46.767	30.33	8.97	8.04	2.4	2.35
930	3/26/2007 02:46	12.28	46.816	30.37	8.97	8.04	3.2	2.40
931	3/26/2007 03:01	12.19	46.998	30.49	9	8.04	2.6	2.45
932	3/26/2007 03:16	12.17	47.016	30.5	8.99	8.04	2.3	2.50
933	3/26/2007 03:31	12.02	47.271	30.68	9.05	8.04	2.4	2.56
934	3/26/2007 03:46	11.92	47.449	30.81	9.08	8.04	2.7	2.60
935	3/26/2007 04:01	11.86	47.544	30.87	9.09	8.04	2.4	2.66
936	3/26/2007 04:16	11.8	47.662	30.95	9.11	8.03	2.4	2.72
937	3/26/2007 04:31	11.7	47.746	31.01	9.05	8.03	2.5	2.76
938	3/26/2007 04:46	11.48	48.01	31.19	8.97	8.01	2.4	2.82
939	3/26/2007 05:01	11.31	48.429	31.48	8.9	8	2.1	2.86
940	3/26/2007 05:16	11.23	48.509	31.54	8.89	8	3.0	2.91
941	3/26/2007 05:31	11.16	48.629	31.62	8.87	8	2.2	2.94
942	3/26/2007 05:46	11.1	48.7	31.67	8.84	8	1.8	2.97
943	3/26/2007 06:01	10.95	49.027	31.9	8.75	7.99	2.0	2.99
944	3/26/2007 06:16	11.13	48.556	31.57	8.64	7.99	2.0	3.00
945	3/26/2007 06:31	11	48.925	31.83	8.41	7.97	2.9	3.00
946	3/26/2007 06:46	10.9	49.174	32	8.74	7.99	2.9	2.99
947	3/26/2007 07:01	11.1	48.819	31.75	8.68	7.99	2.4	2.97
948	3/26/2007 07:16	11.22	48.592	31.6	8.7	7.99	2.0	2.92
949	3/26/2007 07:31	11.32	48.497	31.53	8.66	7.99	2.0	2.86
950	3/26/2007 07:46	11.51	48.033	31.21	8.64	8	2.2	2.81
951	3/26/2007 08:01	11.56	47.909	31.12	8.71	8	2.3	2.74
952	3/26/2007 08:16	11.65	47.725	30.99	8.75	8.01	2.4	2.66
953	3/26/2007 08:31	11.79	47.48	30.82	8.71	8.01	2.1	2.59
954	3/26/2007 08:46	11.87	47.384	30.76	8.72	8.01	2.4	2.51
955	3/26/2007 09:01	12.01	47.128	30.58	8.77	8.02	2.4	2.41
956	3/26/2007 09:16	12.13	47.056	30.53	8.74	8.01	3.1	2.34
957	3/26/2007 09:31	12.19	47.053	30.53	8.69	8.01	2.4	2.24
958	3/26/2007 09:46	12.31	46.872	30.41	8.76	8.02	3.4	2.15
959	3/26/2007 10:01	12.46	46.681	30.28	8.84	8.04	2.4	2.05

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
960	3/26/2007 10:16	12.54	46.557	30.19	8.9	8.04	2.8	1.96
961	3/26/2007 10:31	12.62	46.607	30.23	9.04	8.05	2.0	1.86
962	3/26/2007 10:46	12.9	46.148	29.91	9.12	8.08	2.3	1.77
963	3/26/2007 11:01	12.96	45.973	29.78	9.2	8.09	2.1	1.67
964	3/26/2007 11:16	12.97	46.073	29.86	9.29	8.1	3.4	1.55
965	3/26/2007 11:31	12.95	46.188	29.94	9.31	8.1	4.2	1.48
966	3/26/2007 11:46	12.93	46.156	29.91	9.32	8.1	3.9	1.40
967	3/26/2007 12:01	12.9	46.19	29.94	9.27	8.09	3.5	1.31
968	3/26/2007 12:16	13.03	45.964	29.78	9.4	8.12	3.9	1.21
969	3/26/2007 12:31	13.11	45.932	29.76	9.49	8.14	4.1	1.14
970	3/26/2007 12:46	13.14	45.874	29.72	9.21	8.11	3.2	1.07
971	3/26/2007 13:01	13.21	45.683	29.58	9.06	8.11	0.9	1.02
972	3/26/2007 13:16	13.22	45.774	29.65	8.44	8.07	0.4	0.98
973	3/26/2007 13:31	13.08	45.883	29.72	8.91	8.1	2.4	0.97
974	3/26/2007 13:46	12.96	45.968	29.78	9.17	8.09	2.9	0.99
975	3/26/2007 14:01	13.15	45.687	29.58	9.31	8.12	2.9	0.99
976	3/26/2007 14:16	13.12	45.613	29.53	9.32	8.11	3.1	1.04
977	3/26/2007 14:31	13.07	45.841	29.69	9.25	8.1	2.9	1.09
978	3/26/2007 14:46	13.22	44.662	28.85	9.3	8.11	4.3	1.13
979	3/26/2007 15:01	13.14	45.077	29.15	9.23	8.1	3.6	1.18
980	3/26/2007 15:16	13.14	45.073	29.14	9.18	8.1	3.2	1.23
981	3/26/2007 15:31	13.1	45.287	29.3	9.17	8.09	3.2	1.30
982	3/26/2007 15:46	13.11	45.232	29.26	9.16	8.09	3.1	1.35
983	3/26/2007 16:01	13.12	45.183	29.22	9.12	8.09	2.9	1.41
984	3/26/2007 16:16	13.09	45.339	29.33	9.11	8.08	2.8	1.49
985	3/26/2007 16:31	13.09	45.169	29.21	9.12	8.08	2.8	1.56
986	3/26/2007 16:46	12.98	45.505	29.45	9.05	8.08	2.8	1.64
987	3/26/2007 17:01	12.89	45.712	29.59	9.02	8.07	3.0	1.73
988	3/26/2007 17:16	12.83	45.876	29.71	9.1	8.07	3.0	1.80
989	3/26/2007 17:31	12.56	46.325	30.02	8.99	8.05	3.0	1.86
990	3/26/2007 17:46	12.39	46.666	30.26	8.93	8.04	2.7	1.95
991	3/26/2007 18:01	12.36	46.777	30.34	8.93	8.03	2.9	2.01
992	3/26/2007 18:16	12.33	46.768	30.33	8.94	8.03	3.4	2.06
993	3/26/2007 18:31	12.27	46.832	30.38	8.92	8.03	2.6	2.13
994	3/26/2007 18:46	12.2	47.035	30.52	8.89	8.03	2.5	2.19
995	3/26/2007 19:01	12.16	46.985	30.48	8.88	8.02	2.6	2.24
996	3/26/2007 19:16	12.13	47.035	30.52	8.9	8.03	2.8	2.30
997	3/26/2007 19:31	12.11	47.023	30.51	8.92	8.03	2.4	2.35
998	3/26/2007 19:46	12.06	47.075	30.54	8.99	8.03	2.7	2.41
999	3/26/2007 20:01	12.02	47.074	30.54	9	8.03	2.5	2.46
1000	3/26/2007 20:16	12	47.157	30.6	8.97	8.03	2.6	2.49
1001	3/26/2007 20:31	11.99	47.194	30.62	8.94	8.03	1.6	2.53
1002	3/26/2007 20:46	11.97	47.269	30.68	8.96	8.03	1.8	2.56
1003	3/26/2007 21:01	11.95	47.34	30.73	8.69	8.01	0.9	2.58
1004	3/26/2007 21:16	11.91	47.374	30.75	8.84	8.02	2.1	2.56
1005	3/26/2007 21:31	11.9	47.481	30.83	8.92	8.02	2.4	2.57
1006	3/26/2007 21:46	11.93	47.349	30.73	8.91	8.02	2.4	2.55
1007	3/26/2007 22:01	11.98	47.24	30.66	8.91	8.02	2.7	2.54

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	3/26/2007 22:16	12.03	46.85	30.38	8.81	8.03	2.2	2.48
1009	3/26/2007 22:31	12.02	46.916	30.43	8.8	8.02	2.9	2.44
1010	3/26/2007 22:46	11.7	46.554	30.15	8.84	8.04	5.1	2.41
1011	3/26/2007 23:01	11.53	46.595	30.17	8.82	8.03	4.6	2.35
1012	3/26/2007 23:16	11.7	46.725	30.27	8.79	8.03	3.6	2.29
1013	3/26/2007 23:31	11.82	46.72	30.28	8.82	8.04	3.9	2.25
1014	3/26/2007 23:46	11.97	46.468	30.1	8.75	8.04	3.5	2.21
1015	3/27/2007 00:01	11.99	46.32	30	8.71	8.03	3.9	2.16
1016	3/27/2007 00:16	11.98	46.329	30	8.64	8.03	3.1	2.12
1017	3/27/2007 00:31	11.97	46.145	29.87	8.62	8.03	2.6	2.12
1018	3/27/2007 00:46	12	46.1	29.84	8.5	8.02	1.4	2.08
1019	3/27/2007 01:01	11.92	46.221	29.92	8.56	8.02	2.7	2.04
1020	3/27/2007 01:16	12.01	46.077	29.82	8.33	8.01	1.2	2.05
1021	3/27/2007 01:31	12.1	45.966	29.75	8.58	8.03	2.2	2.04
1022	3/27/2007 01:46	12.13	45.975	29.75	8.29	8.01	0.6	2.02
1023	3/27/2007 02:01	11.86	45.814	29.63	8.52	8.02	1.9	2.03
1024	3/27/2007 02:16	11.95	45.614	29.49	8.57	8.03	2.4	2.06
1025	3/27/2007 02:31	11.95	45.794	29.62	8.62	8.03	3.8	2.08
1026	3/27/2007 02:46	11.96	45.686	29.54	8.64	8.03	3.1	2.09
1027	3/27/2007 03:01	11.95	45.892	29.69	8.68	8.03	3.2	2.13
1028	3/27/2007 03:16	12.02	46.231	29.93	8.65	8.03	3.1	2.17
1029	3/27/2007 03:31	11.99	46.153	29.88	8.69	8.03	3.7	2.21
1030	3/27/2007 03:46	11.82	45.834	29.64	8.76	8.04	4.3	2.25
1031	3/27/2007 04:01	11.84	46.237	29.93	8.78	8.03	4.0	2.30
1032	3/27/2007 04:16	11.78	46.437	30.07	8.85	8.03	3.5	2.35
1033	3/27/2007 04:31	11.79	46.501	30.12	8.87	8.03	3.3	2.41
1034	3/27/2007 04:46	11.7	46.999	30.47	8.87	8.03	2.9	2.46
1035	3/27/2007 05:01	11.62	46.982	30.46	8.94	8.03	2.6	2.51
1036	3/27/2007 05:16	11.49	47.309	30.68	8.97	8.03	2.8	2.58
1037	3/27/2007 05:31	11.38	47.853	31.07	8.98	8.03	2.9	2.63
1038	3/27/2007 05:46	11.29	48.078	31.23	8.99	8.02	2.9	2.69
1039	3/27/2007 06:01	11.26	47.748	30.99	9.01	8.03	2.4	2.73
1040	3/27/2007 06:16	11.22	47.796	31.02	9.03	8.03	2.7	2.77
1041	3/27/2007 06:31	11.17	48.059	31.21	8.99	8.02	3.5	2.82
1042	3/27/2007 06:46	11.15	48.146	31.27	8.94	8.02	2.3	2.89
1043	3/27/2007 07:01	11.15	48.324	31.4	8.77	8.01	1.0	2.89
1044	3/27/2007 07:16	11.14	48.26	31.35	8.67	8	0.4	2.91
1045	3/27/2007 07:31	11.13	48.266	31.36	8.28	7.98	1.1	2.93
1046	3/27/2007 07:46	11.12	48.279	31.37	8.78	8.01	2.1	2.95
1047	3/27/2007 08:01	11.12	48.079	31.22	8.9	8.02	2.3	2.93
1048	3/27/2007 08:16	11.13	47.95	31.13	8.96	8.02	5.7	2.89
1049	3/27/2007 08:31	10.98	47.821	31.03	9.04	8.03	15.7	2.87
1050	3/27/2007 08:46	10.95	47.798	31.01	9.14	8.03	19.1	2.83
1051	3/27/2007 09:01	10.98	47.936	31.11	9.15	8.03	15.5	2.79
1052	3/27/2007 09:16	10.98	47.911	31.09	9.18	8.03	17.6	2.70
1053	3/27/2007 09:31	11.01	47.84	31.04	9.2	8.03	20.7	2.64
1054	3/27/2007 09:46	11.07	47.519	30.81	9.19	8.03	20.0	2.57
1055	3/27/2007 10:01	11.15	47.157	30.56	9.18	8.03	21.2	2.53

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	3/27/2007 10:16	11.14	47.076	30.5	9.21	8.03	23.0	2.43
1057	3/27/2007 10:31	11.23	46.932	30.4	9.13	8.03	23.9	2.34
1058	3/27/2007 10:46	11.34	46.515	30.11	9.1	8.03	38.4	2.27
1059	3/27/2007 11:01	11.35	46.326	29.97	9.08	8.03	61.1	2.14
1060	3/27/2007 11:16	11.41	46.016	29.75	9.06	8.03	74.5	2.07
1061	3/27/2007 11:31	11.45	45.809	29.61	9.05	8.03	82.7	1.98
1062	3/27/2007 11:46	11.4	45.908	29.67	9.16	8.04	81.9	1.88
1063	3/27/2007 12:01	11.37	45.839	29.62	9.26	8.05	66.4	1.79
1064	3/27/2007 12:16	11.39	45.718	29.54	9.22	8.05	73.3	1.66
1065	3/27/2007 12:31	11.43	45.628	29.48	9.1	8.04	73.6	1.56
1066	3/27/2007 12:46	11.43	45.471	29.36	9.08	8.04	59.2	1.46
1067	3/27/2007 13:01	11.37	45.232	29.19	9.14	8.05	49.1	1.37
1068	3/27/2007 13:16	11.35	44.874	28.93	9.12	8.06	49.9	1.26
1069	3/27/2007 13:31	11.32	44.979	29.01	9.06	8.05	35.7	1.18
1070	3/27/2007 13:46	11.28	44.544	28.69	9.05	8.05	37.7	1.10
1071	3/27/2007 14:01	11.26	44.533	28.69	9.05	8.05	37.5	1.06
1072	3/27/2007 14:16	11.22	44.455	28.63	9.04	8.05	26.3	0.99
1073	3/27/2007 14:31	11.18	43.851	28.2	9.08	8.05	31.3	0.93
1074	3/27/2007 14:46	11.17	44.336	28.54	8.77	8.03	10.7	0.94
1075	3/27/2007 15:01	11.21	44.427	28.61	8.96	8.04	15.9	0.91
1076	3/27/2007 15:16	11.18	44.355	28.55	9.05	8.05	23.3	0.90
1077	3/27/2007 15:31	11.08	44.125	28.39	9.19	8.05	24.4	0.95
1078	3/27/2007 15:46	11.04	44.004	28.3	9.25	8.06	25.2	1.00
1079	3/27/2007 16:01	11.15	44.083	28.36	9.29	8.06	27.8	1.09
1080	3/27/2007 16:16	11.09	43.982	28.29	9.15	8.05	25.9	1.07
1081	3/27/2007 16:31	11.16	44.097	28.37	9.19	8.06	21.2	1.14
1082	3/27/2007 16:46	11.22	44.193	28.44	9.16	8.06	20.3	1.22
1083	3/27/2007 17:01	11.32	44.235	28.48	9.21	8.06	19.8	1.32
1084	3/27/2007 17:16	11.25	43.754	28.13	9.27	8.07	22.7	1.41
1085	3/27/2007 17:31	11.23	43.868	28.21	9.2	8.07	20.5	1.46
1086	3/27/2007 17:46	11.25	44.072	28.36	9.07	8.07	18.1	1.53
1087	3/27/2007 18:01	11.28	44.444	28.62	9.04	8.06	19.5	1.63
1088	3/27/2007 18:16	11.28	44.407	28.6	9.04	8.04	17.0	1.72
1089	3/27/2007 18:31	11.26	44.931	28.97	9.05	8.04	13.9	1.80
1090	3/27/2007 18:46	11.25	44.955	28.99	9.06	8.04	14.0	1.90
1091	3/27/2007 19:01	11.23	44.302	28.52	9.11	8.03	13.7	1.97
1092	3/27/2007 19:16	11.22	44.843	28.9	9.1	8.04	12.2	2.00
1093	3/27/2007 19:31	11.23	45.159	29.13	9.11	8.04	12.3	2.10
1094	3/27/2007 19:46	11.2	44.764	28.85	9.18	8.04	10.5	2.17
1095	3/27/2007 20:01	11.21	45.272	29.21	9.13	8.03	11.4	2.23
1096	3/27/2007 20:16	11.2	45.224	29.18	9.15	8.03	11.9	2.28
1097	3/27/2007 20:31	11.2	45.357	29.27	9.11	8.03	8.9	2.33
1098	3/27/2007 20:46	11.1	44.47	28.63	9.2	8.03	9.5	2.38
1099	3/27/2007 21:01	11.06	44.444	28.61	9.14	8.02	9.2	2.39
1100	3/27/2007 21:16	11.16	45.156	29.13	8.91	8.02	5.4	2.43
1101	3/27/2007 21:31	11.15	45.286	29.22	8.75	8	7.6	2.46
1102	3/27/2007 21:46	10.95	45.821	29.59	8.6	8.02	6.7	2.49
1103	3/27/2007 22:01	9.96	45.221	29.11	9.19	8.04	13.3	2.50

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	3/27/2007 22:16	10.91	45.777	29.56	8.92	8.02	11.2	2.49
1105	3/27/2007 22:31	11.01	45.894	29.65	8.96	8.02	16.9	2.47
1106	3/27/2007 22:46	10.33	45.526	29.35	9.33	8.03	25.6	2.47
1107	3/27/2007 23:01	10.96	45.614	29.44	9.05	8.02	14.4	2.42
1108	3/27/2007 23:16	10.95	45.508	29.37	9.04	8.02	15.0	2.39
1109	3/27/2007 23:31	10.83	45.345	29.24	9.08	8.01	29.9	2.32
1110	3/27/2007 23:46	10.83	45.322	29.23	9.12	8.02	28.9	2.29
1111	3/28/2007 00:01	10.82	45.355	29.25	9.09	8.01	16.5	2.24
1112	3/28/2007 00:16	10.78	45.314	29.22	9.11	8.01	15.5	2.20
1113	3/28/2007 00:31	10.57	45.425	29.29	9.19	8.01	16.2	2.15
1114	3/28/2007 00:46	10.59	45.378	29.26	9.18	8.02	15.0	2.09
1115	3/28/2007 01:01	10.43	45.282	29.18	9.23	8.02	19.5	2.02
1116	3/28/2007 01:16	10.42	44.827	28.85	9.24	8.03	22.5	2.00
1117	3/28/2007 01:31	10.34	44.727	28.78	9.25	8.03	20.8	1.94
1118	3/28/2007 01:46	10.31	44.634	28.71	9.23	8.04	18.9	1.91
1119	3/28/2007 02:01	10.3	44.249	28.44	9.22	8.03	18.1	1.88
1120	3/28/2007 02:16	10.28	44.753	28.79	9.05	8.02	12.7	1.83
1121	3/28/2007 02:31	10.3	44.332	28.49	8.93	8.02	12.5	1.81
1122	3/28/2007 02:46	10.19	44.366	28.51	9.06	8.02	14.2	1.79
1123	3/28/2007 03:01	10.19	44.846	28.85	9.05	8.02	11.6	1.81
1124	3/28/2007 03:16	10.4	44.634	28.72	9.1	8.04	11.2	1.81
1125	3/28/2007 03:31	10.36	44.58	28.67	9.14	8.04	10.2	1.80
1126	3/28/2007 03:46	10.4	44.651	28.73	9.16	8.04	12.8	1.85
1127	3/28/2007 04:01	10.49	45.001	28.98	9.14	8.03	13.6	1.87
1128	3/28/2007 04:16	10.45	44.811	28.84	9.17	8.03	15.0	1.90
1129	3/28/2007 04:31	10.37	44.374	28.53	9.25	8.03	16.9	1.95
1130	3/28/2007 04:46	10.48	44.611	28.7	9.21	8.02	15.0	2.00
1131	3/28/2007 05:01	10.59	45.06	29.03	9.15	8.02	15.3	2.07
1132	3/28/2007 05:16	10.6	44.795	28.84	9.19	8.02	13.7	2.13
1133	3/28/2007 05:31	10.64	45.088	29.05	9.23	8.02	14.8	2.18
1134	3/28/2007 05:46	10.66	45.229	29.15	9.25	8.02	13.2	2.24
1135	3/28/2007 06:01	10.64	45.552	29.38	9.3	8.02	10.8	2.29
1136	3/28/2007 06:16	10.62	45.534	29.37	9.37	8.02	11.1	2.35
1137	3/28/2007 06:31	10.6	45.467	29.32	9.45	8.03	10.4	2.41
1138	3/28/2007 06:46	10.56	45.493	29.34	9.51	8.03	10.2	2.47
1139	3/28/2007 07:01	10.5	46.025	29.71	9.55	8.03	10.3	2.52
1140	3/28/2007 07:16	10.4	46.049	29.72	9.65	8.03	9.5	2.57
1141	3/28/2007 07:31	10.36	46.533	30.07	9.7	8.03	9.3	2.63
1142	3/28/2007 07:46	10.33	46.818	30.27	9.7	8.02	7.4	2.66
1143	3/28/2007 08:01	10.3	46.699	30.18	9.71	8.02	6.1	2.71
1144	3/28/2007 08:16	10.21	45.688	29.46	9.61	8.03	6.8	2.75
1145	3/28/2007 08:31	10.13	45.599	29.39	9.31	8.01	3.9	2.77
1146	3/28/2007 08:46	10.29	46.655	30.15	9.11	7.98	2.4	2.78
1147	3/28/2007 09:01	10.18	46.827	30.27	9.5	8.01	5.6	2.79
1148	3/28/2007 09:16	10.29	47.022	30.42	9.73	8.01	4.5	2.78
1149	3/28/2007 09:31	10.28	46.808	30.26	9.53	8.01	5.0	2.76
1150	3/28/2007 09:46	10.24	46.471	30.02	9.55	8.02	7.7	2.72
1151	3/28/2007 10:01	10.3	45.7	29.47	9.56	8.02	6.7	2.66

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	3/28/2007 10:16	10.37	46.441	30	9.52	8.02	10.4	2.60
1153	3/28/2007 10:31	10.36	45.826	29.56	9.24	8.01	15.9	2.53
1154	3/28/2007 10:46	10.45	45.733	29.5	9.39	8.02	14.7	2.45
1155	3/28/2007 11:01	10.44	45.812	29.56	9.34	8.02	16.0	2.37
1156	3/28/2007 11:16	10.37	45.228	29.14	9.39	8.03	11.6	2.28
1157	3/28/2007 11:31	10.4	45.263	29.16	9.34	8.03	15.1	2.18
1158	3/28/2007 11:46	10.41	45.111	29.06	9.33	8.02	14.8	2.10
1159	3/28/2007 12:01	10.4	44.698	28.76	9.43	8.03	18.9	2.00
1160	3/28/2007 12:16	10.45	44.135	28.36	9.64	8.04	25.6	1.89
1161	3/28/2007 12:31	10.47	44.1	28.34	9.67	8.05	36.3	1.78
1162	3/28/2007 12:46	10.6	44.008	28.28	9.75	8.05	29.9	1.68
1163	3/28/2007 13:01	10.67	43.96	28.25	9.79	8.06	28.8	1.58
1164	3/28/2007 13:16	10.59	43.816	28.14	9.72	8.05	32.5	1.45
1165	3/28/2007 13:31	10.64	43.791	28.13	9.72	8.06	29.7	1.34
1166	3/28/2007 13:46	10.69	43.762	28.11	9.75	8.06	20.3	1.26
1167	3/28/2007 14:01	10.78	43.732	28.09	9.74	8.06	18.4	1.17
1168	3/28/2007 14:16	10.84	43.631	28.02	9.8	8.07	20.5	1.07
1169	3/28/2007 14:31	10.88	43.553	27.97	9.79	8.06	16.1	1.00
1170	3/28/2007 14:46	10.83	43.437	27.89	9.74	8.06	14.5	0.95
1171	3/28/2007 15:01	10.78	43.557	27.97	9.37	8.03	7.3	0.91
1172	3/28/2007 15:16	10.97	43.386	27.86	9.77	8.05	15.6	0.89
1173	3/28/2007 15:31	11.08	43.335	27.82	9.8	8.07	12.6	0.88
1174	3/28/2007 15:46	10.94	43.061	27.62	9.65	8.05	15.6	0.89
1175	3/28/2007 16:01	10.95	42.915	27.52	9.76	8.05	15.4	0.93
1176	3/28/2007 16:16	11.02	42.695	27.37	9.78	8.05	11.7	0.95
1177	3/28/2007 16:31	10.95	42.676	27.35	9.73	8.05	12.4	0.98
1178	3/28/2007 16:46	10.89	43.205	27.72	9.65	8.05	11.4	1.04
1179	3/28/2007 17:01	10.85	43.024	27.59	9.68	8.04	12.8	1.09
1180	3/28/2007 17:16	10.84	43.146	27.68	9.57	8.05	12.4	1.15
1181	3/28/2007 17:31	10.87	43.494	27.93	9.58	8.04	12.2	1.21
1182	3/28/2007 17:46	10.95	43.331	27.82	9.69	8.05	15.2	1.28
1183	3/28/2007 18:01	10.9	43.49	27.93	9.65	8.04	15.3	1.36
1184	3/28/2007 18:16	10.82	43.536	27.95	9.57	8.03	16.0	1.43
1185	3/28/2007 18:31	10.75	43.814	28.15	9.51	8.03	13.6	1.51
1186	3/28/2007 18:46	10.68	44.594	28.7	9.49	8.03	14.0	1.60
1187	3/28/2007 19:01	10.64	44.387	28.55	9.54	8.03	11.8	1.69
1188	3/28/2007 19:16	10.63	44.806	28.85	9.54	8.03	12.4	1.78
1189	3/28/2007 19:31	10.61	44.992	28.98	9.54	8.03	12.3	1.86
1190	3/28/2007 19:46	10.62	45.322	29.22	9.58	8.04	13.3	1.96
1191	3/28/2007 20:01	10.64	43.984	28.26	9.68	8.04	11.8	2.04
1192	3/28/2007 20:16	10.62	44.31	28.5	9.68	8.04	11.4	2.12
1193	3/28/2007 20:31	10.58	44.449	28.59	9.69	8.04	11.5	2.20
1194	3/28/2007 20:46	10.55	44.243	28.44	9.7	8.04	10.4	2.27
1195	3/28/2007 21:01	10.54	43.672	28.04	9.75	8.04	8.5	2.34
1196	3/28/2007 21:16	10.49	45.257	29.16	9.63	8.03	8.9	2.39
1197	3/28/2007 21:31	10.48	45.607	29.41	9.62	8.03	9.7	2.45
1198	3/28/2007 21:46	10.45	45.716	29.49	9.68	8.03	12.7	2.50
1199	3/28/2007 22:01	10.42	45.814	29.56	9.71	8.03	10.4	2.54

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	3/28/2007 22:16	10.39	45.85	29.58	9.69	8.03	8.3	2.60
1201	3/28/2007 22:31	10.36	46.003	29.69	9.69	8.02	6.2	2.62
1202	3/28/2007 22:46	10.43	45.721	29.49	9.26	8	2.3	2.64
1203	3/28/2007 23:01	10.37	46.064	29.73	9.44	8	3.8	2.64
1204	3/28/2007 23:16	10.36	46.069	29.74	9.65	8.03	10.4	2.62
1205	3/28/2007 23:31	10.34	45.202	29.12	9.53	8.03	10.1	2.60
1206	3/28/2007 23:46	10.4	45.404	29.26	9.48	8.02	12.6	2.56
1207	3/29/2007 00:01	10.44	45.445	29.29	9.65	8.03	19.5	2.50
1208	3/29/2007 00:16	10.43	45.312	29.2	9.69	8.03	22.1	2.43
1209	3/29/2007 00:31	10.46	45.359	29.23	9.63	8.03	20.6	2.37
1210	3/29/2007 00:46	10.52	45.162	29.1	9.51	8.03	18.4	2.30
1211	3/29/2007 01:01	10.48	44.173	28.39	9.51	8.04	14.2	2.21
1212	3/29/2007 01:16	10.4	39.589	25.15	9.65	8.04	9.8	2.14
1213	3/29/2007 01:31	10.3	39.575	25.14	9.66	8.03	8.4	2.08
1214	3/29/2007 01:46	10.15	41.94	26.79	9.46	8.02	16.2	1.99
1215	3/29/2007 02:01	10.2	43.463	27.87	9.38	8.02	8.2	1.91
1216	3/29/2007 02:16	10.21	43.569	27.95	9.37	8.02	8.5	1.84
1217	3/29/2007 02:31	10.15	43.289	27.75	9.28	8.01	7.3	1.79
1218	3/29/2007 02:46	10.18	43.221	27.7	9.27	8.01	7.3	1.73
1219	3/29/2007 03:01	10.16	42.543	27.22	9.23	8.01	7.3	1.70
1220	3/29/2007 03:16	10.15	42.563	27.23	9.11	8	3.9	1.67
1221	3/29/2007 03:31	10.21	43.713	28.05	9.24	8.01	7.6	1.64
1222	3/29/2007 03:46	10.1	43.321	27.77	9.11	8.01	7.3	1.65
1223	3/29/2007 04:01	10.05	43.418	27.83	9.17	8.01	6.7	1.65
1224	3/29/2007 04:16	10.09	43.168	27.66	9.24	8.01	6.8	1.67
1225	3/29/2007 04:31	10.29	37.571	23.74	9.47	8.02	7.3	1.69
1226	3/29/2007 04:46	10.24	38.719	24.54	9.44	8.01	8.8	1.74
1227	3/29/2007 05:01	10.27	38.798	24.6	9.43	8.01	9.3	1.78
1228	3/29/2007 05:16	10.24	38.392	24.31	9.49	8.01	8.6	1.82
1229	3/29/2007 05:31	10.32	42.647	27.3	9.33	8.01	8.3	1.88
1230	3/29/2007 05:46	10.35	40.658	25.9	9.43	8.02	9.5	1.93
1231	3/29/2007 06:01	10.31	43.521	27.92	9.32	8.01	7.6	1.99
1232	3/29/2007 06:16	10.31	44.179	28.39	9.38	8.02	8.4	2.05
1233	3/29/2007 06:31	10.32	44.283	28.46	9.42	8.02	9.8	2.11
1234	3/29/2007 06:46	10.32	44.462	28.59	9.46	8.02	9.1	2.17
1235	3/29/2007 07:01	10.31	44.718	28.77	9.51	8.02	10.4	2.24
1236	3/29/2007 07:16	10.26	44.874	28.88	9.56	8.03	8.1	2.30
1237	3/29/2007 07:31	10.21	44.836	28.85	9.59	8.03	9.6	2.36
1238	3/29/2007 07:46	10.13	45.013	28.97	9.63	8.03	7.7	2.44
1239	3/29/2007 08:01	10.09	45.345	29.2	9.64	8.03	6.9	2.49
1240	3/29/2007 08:16	10.08	45.284	29.16	9.68	8.03	7.5	2.55
1241	3/29/2007 08:31	9.99	45.294	29.16	9.68	8.02	7.0	2.61
1242	3/29/2007 08:46	9.88	45.498	29.3	9.65	8.02	6.8	2.67
1243	3/29/2007 09:01	9.93	46.565	30.07	9.5	8.01	8.6	2.72
1244	3/29/2007 09:16	9.89	46.827	30.25	9.42	8	7.3	2.77
1245	3/29/2007 09:31	9.87	46.886	30.29	9.36	8	6.5	2.79
1246	3/29/2007 09:46	9.87	46.761	30.2	9.41	8.01	4.5	2.82
1247	3/29/2007 10:01	9.84	46.959	30.34	9.24	7.99	2.8	2.84

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1248	3/29/2007 10:16	9.87	47.315	30.6	8.94	7.97	3.0	2.83
1249	3/29/2007 10:31	9.85	47.467	30.71	9.17	7.99	6.5	2.81
1250	3/29/2007 10:46	9.94	47.041	30.41	9.33	8	7.4	2.78
1251	3/29/2007 11:01	10.03	46.608	30.1	9.45	8.01	11.6	2.73
1252	3/29/2007 11:16	10.11	46.338	29.91	9.47	8.01	7.9	2.66
1253	3/29/2007 11:31	10.16	46.018	29.69	9.61	8.02	14.7	2.58
1254	3/29/2007 11:46	10.27	45.721	29.48	9.7	8.03	12.9	2.50
1255	3/29/2007 12:01	10.55	45.217	29.14	9.83	8.05	10.0	2.42
1256	3/29/2007 12:16	10.78	44.864	28.9	9.91	8.06	8.1	2.32
1257	3/29/2007 12:31	10.89	44.764	28.83	9.99	8.07	7.1	2.23
1258	3/29/2007 12:46	11.13	44.724	28.82	10.33	8.09	7.8	2.12
1259	3/29/2007 13:01	11.11	44.14	28.4	10.21	8.08	11.8	2.03
1260	3/29/2007 13:16	11.28	44.044	28.34	10.22	8.08	10.0	1.93
1261	3/29/2007 13:31	11.45	43.716	28.11	10.29	8.09	8.0	1.81
1262	3/29/2007 13:46	11.88	43.658	28.09	10.47	8.12	8.1	1.70
1263	3/29/2007 14:01	11.91	43.43	27.93	10.45	8.11	7.8	1.59
1264	3/29/2007 14:16	11.96	43.36	27.88	10.47	8.12	6.9	1.49
1265	3/29/2007 14:31	11.8	43.513	27.98	10.51	8.12	6.6	1.35
1266	3/29/2007 14:46	11.84	43.379	27.89	10.42	8.11	5.6	1.27
1267	3/29/2007 15:01	11.77	43.447	27.93	10.39	8.12	6.1	1.19
1268	3/29/2007 15:16	11.64	43.402	27.9	10.39	8.11	6.6	1.10
1269	3/29/2007 15:31	12.06	43.276	27.82	10.63	8.15	6.1	1.04
1270	3/29/2007 15:46	12.27	43.152	27.74	10.68	8.16	5.1	0.99
1271	3/29/2007 16:01	12.26	42.921	27.58	10.35	8.14	3.8	0.97
1272	3/29/2007 16:16	12.67	43.35	27.9	10.68	8.17	2.1	0.95
1273	3/29/2007 16:31	12.62	43.437	27.96	10.86	8.17	5.0	0.98
1274	3/29/2007 16:46	12.1	43.437	27.94	10.66	8.14	5.7	0.98
1275	3/29/2007 17:01	12.17	43.081	27.69	10.67	8.15	5.1	1.01
1276	3/29/2007 17:16	12.04	43.324	27.86	10.55	8.13	5.7	1.06
1277	3/29/2007 17:31	12.15	42.442	27.23	10.5	8.13	6.5	1.11
1278	3/29/2007 17:46	11.96	42.936	27.58	10.4	8.11	6.2	1.19
1279	3/29/2007 18:01	11.76	42.992	27.61	10.25	8.1	6.4	1.23
1280	3/29/2007 18:16	11.74	43.048	27.65	10.21	8.09	6.5	1.31
1281	3/29/2007 18:31	11.62	43.125	27.7	10.17	8.09	9.3	1.39
1282	3/29/2007 18:46	11.51	42.898	27.53	10.14	8.08	7.0	1.46
1283	3/29/2007 19:01	11.45	43.241	27.77	10.1	8.07	6.8	1.54
1284	3/29/2007 19:16	11.37	43.364	27.86	10.04	8.07	7.6	1.63
1285	3/29/2007 19:31	11.29	43.574	28	10.02	8.06	8.4	1.73
1286	3/29/2007 19:46	11.11	44.074	28.35	9.93	8.06	8.8	1.82
1287	3/29/2007 20:01	11.18	43.793	28.15	10	8.06	10.8	1.90
1288	3/29/2007 20:16	11.07	44.617	28.74	9.95	8.06	15.6	2.00
1289	3/29/2007 20:31	10.94	45.108	29.08	9.89	8.05	19.8	2.09
1290	3/29/2007 20:46	10.9	45.167	29.12	9.89	8.05	13.3	2.17
1291	3/29/2007 21:01	10.8	45.348	29.24	9.85	8.04	21.2	2.24
1292	3/29/2007 21:16	10.73	45.556	29.39	9.82	8.04	22.0	2.33
1293	3/29/2007 21:31	10.68	45.581	29.4	9.8	8.04	20.8	2.40
1294	3/29/2007 21:46	10.66	45.796	29.56	9.81	8.03	25.8	2.47
1295	3/29/2007 22:01	10.59	46.059	29.74	9.81	8.03	23.4	2.54

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	3/29/2007 22:16	10.45	46.461	30.02	9.7	8.02	23.4	2.60
1297	3/29/2007 22:31	10.32	46.923	30.35	9.61	8.02	23.0	2.66
1298	3/29/2007 22:46	10.27	47.123	30.49	9.53	8.01	13.9	2.71
1299	3/29/2007 23:01	10.22	47.255	30.58	9.52	8.02	12.0	2.74
1300	3/29/2007 23:16	10.16	47.488	30.74	9.46	8.01	8.3	2.76
1301	3/29/2007 23:31	10.26	47.166	30.52	9.36	8.01	8.6	2.78
1302	3/29/2007 23:46	10.18	47.496	30.75	9.45	8.02	11.2	2.76
1303	3/30/2007 00:01	10.19	47.504	30.75	9.49	8.02	9.6	2.74
1304	3/30/2007 00:16	10.29	47.198	30.54	9.46	8.01	13.8	2.69
1305	3/30/2007 00:31	10.35	46.95	30.37	9.43	8.01	23.6	2.62
1306	3/30/2007 00:46	10.51	46.184	29.83	9.64	8.03	48.4	2.55
1307	3/30/2007 01:01	10.61	45.598	29.41	9.69	8.03	20.0	2.47
1308	3/30/2007 01:16	10.69	45.575	29.4	9.68	8.03	13.7	2.39
1309	3/30/2007 01:31	10.71	45.684	29.48	9.62	8.03	13.0	2.31
1310	3/30/2007 01:46	11.17	44.759	28.84	9.71	8.06	8.0	2.21
1311	3/30/2007 02:01	11.1	44.627	28.75	9.62	8.05	7.4	2.13
1312	3/30/2007 02:16	11	44.236	28.46	9.58	8.04	10.3	2.05
1313	3/30/2007 02:31	11.07	43.786	28.14	9.57	8.04	7.8	1.96
1314	3/30/2007 02:46	11.19	43.445	27.91	9.58	8.05	6.6	1.89
1315	3/30/2007 03:01	11.25	43.44	27.91	9.58	8.05	6.4	1.80
1316	3/30/2007 03:16	11.27	43.513	27.96	9.52	8.05	4.8	1.73
1317	3/30/2007 03:31	11.3	43.474	27.93	9.52	8.05	4.2	1.67
1318	3/30/2007 03:46	11.32	43.573	28	9.51	8.05	4.6	1.61
1319	3/30/2007 04:01	11.5	43.022	27.62	9.67	8.07	3.5	1.57
1320	3/30/2007 04:16	11.44	43.117	27.69	9.47	8.06	4.3	1.53
1321	3/30/2007 04:31	11.31	43.422	27.9	9.39	8.04	3.1	1.52
1322	3/30/2007 04:46	11.53	42.922	27.55	9.58	8.09	2.7	1.51
1323	3/30/2007 05:01	11.45	43.056	27.64	9.62	8.07	2.4	1.52
1324	3/30/2007 05:16	11.4	43.004	27.6	9.7	8.08	3.5	1.55
1325	3/30/2007 05:31	11.3	43.554	27.99	9.61	8.06	5.8	1.61
1326	3/30/2007 05:46	11.29	43.35	27.84	9.64	8.06	6.0	1.65
1327	3/30/2007 06:01	11.25	42.828	27.47	9.59	8.05	6.6	1.71
1328	3/30/2007 06:16	11.15	43.277	27.79	9.5	8.04	6.9	1.78
1329	3/30/2007 06:31	11.1	43.296	27.8	9.48	8.03	6.8	1.85
1330	3/30/2007 06:46	10.98	43.481	27.92	9.46	8.02	7.0	1.92
1331	3/30/2007 07:01	10.96	43.781	28.14	9.46	8.02	7.3	1.99
1332	3/30/2007 07:16	10.95	43.878	28.2	9.48	8.02	5.9	2.06
1333	3/30/2007 07:31	10.87	44.325	28.52	9.49	8.02	6.6	2.13
1334	3/30/2007 07:46	10.86	44.477	28.63	9.51	8.03	7.0	2.19
1335	3/30/2007 08:01	10.74	44.901	28.92	9.54	8.03	8.2	2.25
1336	3/30/2007 08:16	10.68	45.132	29.08	9.53	8.02	7.0	2.31
1337	3/30/2007 08:31	10.58	45.596	29.41	9.48	8.02	6.8	2.39
1338	3/30/2007 08:46	10.53	45.625	29.43	9.51	8.02	7.0	2.45
1339	3/30/2007 09:01	10.43	46.108	29.77	9.45	8.01	7.8	2.52
1340	3/30/2007 09:16	10.33	46.543	30.07	9.39	8.01	9.2	2.59
1341	3/30/2007 09:31	10.24	47.076	30.45	9.32	8	11.3	2.64
1342	3/30/2007 09:46	10.15	47.237	30.56	9.28	8	15.0	2.71
1343	3/30/2007 10:01	10.07	47.364	30.65	9.23	7.99	10.6	2.77

sonde #2

Indian Island Long-Term Deployment Water Quality Data

TP #2

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1344	3/30/2007 10:16	10.03	47.555	30.78	9.14	7.99	10.0	2.82
1345	3/30/2007 10:31	9.98	47.712	30.89	9.08	7.99	8.5	2.86
1346	3/30/2007 10:46	9.92	47.871	31	8.86	7.97	5.0	2.88
1347	3/30/2007 11:01	10	47.672	30.86	8.95	7.98	8.1	2.90
	Mean	11.89	45.81	29.62	8.96	8.05	8.6	2.06
	Standard Dev.	1.03	1.74	1.23	0.54	0.05	8.0	0.69

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	3/30/2007 11:16	9.91	49.051	31.85	8.76	7.89	8.3	2.89
1	3/30/2007 11:31	9.87	49.166	31.93	8.57	7.92	8.5	2.86
2	3/30/2007 11:46	9.94	49.021	31.83	8.67	7.94	9.9	2.81
3	3/30/2007 12:01	10.06	48.753	31.64	8.77	7.96	11.6	2.75
4	3/30/2007 12:16	10.29	48.202	31.26	9.11	7.99	13.3	2.67
5	3/30/2007 12:31	10.49	47.685	30.9	9.44	8.02	12.9	2.58
6	3/30/2007 12:46	10.63	47.545	30.81	9.4	8.03	9.1	2.48
7	3/30/2007 13:01	11.19	46.867	30.35	9.76	8.07	5.8	2.39
8	3/30/2007 13:16	11.56	46.561	30.15	10.11	8.1	5.7	2.29
9	3/30/2007 13:31	11.76	45.631	29.49	10.31	8.11	4.5	2.20
10	3/30/2007 13:46	11.71	46.023	29.77	10.15	8.1	8.0	2.08
11	3/30/2007 14:01	11.86	44.693	28.83	10.2	8.11	6.8	1.99
12	3/30/2007 14:16	12.13	45.473	29.39	10.27	8.12	5.7	1.88
13	3/30/2007 14:31	12.41	45.463	29.4	10.28	8.14	6.1	1.76
14	3/30/2007 14:46	12.61	45.268	29.27	10.37	8.15	5.7	1.65
15	3/30/2007 15:01	12.96	44.332	28.61	10.5	8.17	5.0	1.54
16	3/30/2007 15:16	13.06	44.984	29.08	10.52	8.18	5.0	1.42
17	3/30/2007 15:31	13.07	44.812	28.95	10.54	8.18	5.0	1.32
18	3/30/2007 15:46	13.32	44.702	28.88	10.6	8.2	4.9	1.22
19	3/30/2007 16:01	13.17	44.498	28.73	10.48	8.18	4.5	1.15
20	3/30/2007 16:16	12.96	44.533	28.75	10.33	8.17	3.3	1.09
21	3/30/2007 16:31	12.92	44.518	28.74	10.2	8.16	2.4	1.05
22	3/30/2007 16:46	12.84	44.611	28.8	10.21	8.16	3.5	1.03
23	3/30/2007 17:01	12.7	44.725	28.88	10.36	8.17	3.6	1.02
24	3/30/2007 17:16	12.7	44.756	28.9	10.38	8.17	4.1	1.04
25	3/30/2007 17:31	12.89	44.812	28.95	10.43	8.17	4.2	1.07
26	3/30/2007 17:46	13.23	44.546	28.77	10.54	8.19	4.5	1.11
27	3/30/2007 18:01	13.02	43.699	28.16	10.53	8.17	4.4	1.17
28	3/30/2007 18:16	13.2	43.603	28.09	10.44	8.17	5.6	1.23
29	3/30/2007 18:31	13.01	44.141	28.47	10.35	8.16	5.1	1.29
30	3/30/2007 18:46	12.95	44.012	28.38	10.29	8.15	5.2	1.36
31	3/30/2007 19:01	12.8	44.175	28.49	10.26	8.14	5.4	1.44
32	3/30/2007 19:16	12.68	44.411	28.65	10.2	8.14	5.4	1.51
33	3/30/2007 19:31	12.49	44.459	28.68	10.09	8.12	5.4	1.58
34	3/30/2007 19:46	12.3	44.713	28.86	9.99	8.11	5.7	1.68
35	3/30/2007 20:01	12.17	44.72	28.86	9.89	8.1	6.3	1.77
36	3/30/2007 20:16	11.92	45.215	29.2	9.75	8.08	7.2	1.86
37	3/30/2007 20:31	11.78	45.545	29.43	9.64	8.07	8.3	1.95
38	3/30/2007 20:46	11.8	45.543	29.43	9.7	8.08	8.9	2.05
39	3/30/2007 21:01	11.52	46.289	29.95	9.53	8.06	14.3	2.14
40	3/30/2007 21:16	11.39	46.532	30.12	9.51	8.05	15.1	2.23
41	3/30/2007 21:31	11.34	46.565	30.14	9.54	8.05	14.1	2.31
42	3/30/2007 21:46	11.19	46.95	30.41	9.45	8.05	17.9	2.39
43	3/30/2007 22:01	11.07	47.106	30.52	9.41	8.04	22.3	2.47
44	3/30/2007 22:16	10.99	47.329	30.67	9.4	8.04	21.3	2.55
45	3/30/2007 22:31	10.79	47.858	31.04	9.33	8.03	21.0	2.62
46	3/30/2007 22:46	10.61	48.406	31.43	9.29	8.03	18.7	2.69
47	3/30/2007 23:01	10.47	48.772	31.68	9.2	8.02	16.5	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
48	3/30/2007 23:16	10.41	48.921	31.79	9.14	8.02	13.0	2.79
49	3/30/2007 23:31	10.4	48.965	31.82	9.12	8.02	9.0	2.84
50	3/30/2007 23:46	10.36	49.145	31.95	9.07	8.02	7.4	2.87
51	3/31/2007 00:01	10.42	48.955	31.81	8.98	8.02	6.5	2.88
52	3/31/2007 00:16	10.36	49.211	31.99	9.03	8.02	8.2	2.85
53	3/31/2007 00:31	10.39	49.173	31.97	9.09	8.02	8.4	2.82
54	3/31/2007 00:46	10.44	48.99	31.84	9.03	8.02	10.6	2.77
55	3/31/2007 01:01	10.48	48.807	31.71	9.03	8.02	11.0	2.69
56	3/31/2007 01:16	10.68	48.141	31.24	9.13	8.03	19.5	2.60
57	3/31/2007 01:31	10.96	47.425	30.74	9.19	8.04	12.3	2.52
58	3/31/2007 01:46	11.11	47.219	30.6	9.16	8.04	8.8	2.43
59	3/31/2007 02:01	11.44	46.562	30.15	9.02	8.03	5.7	2.33
60	3/31/2007 02:16	11.49	46.342	29.99	9.03	8.03	6.8	2.23
61	3/31/2007 02:31	11.48	46.293	29.95	9.08	8.04	7.9	2.14
62	3/31/2007 02:46	11.67	45.658	29.51	9.14	8.04	8.6	2.04
63	3/31/2007 03:01	11.76	45.577	29.45	9.07	8.04	6.5	1.95
64	3/31/2007 03:16	11.98	45.075	29.1	9.19	8.06	6.3	1.85
65	3/31/2007 03:31	12.07	45.042	29.08	9.2	8.07	5.0	1.77
66	3/31/2007 03:46	12.28	44.632	28.8	9.36	8.1	4.8	1.67
67	3/31/2007 04:01	12.32	44.625	28.79	9.35	8.1	4.4	1.58
68	3/31/2007 04:16	12.31	44.669	28.83	9.3	8.1	4.3	1.51
69	3/31/2007 04:31	12.34	44.643	28.81	9.31	8.1	4.7	1.44
70	3/31/2007 04:46	12.4	44.501	28.71	9.23	8.1	3.7	1.40
71	3/31/2007 05:01	12.5	44.283	28.56	9.24	8.11	3.7	1.35
72	3/31/2007 05:16	12.38	44.5	28.71	9.03	8.08	4.1	1.33
73	3/31/2007 05:31	12.31	44.499	28.7	9.16	8.09	3.6	1.34
74	3/31/2007 05:46	12.35	44.514	28.72	9.2	8.09	4.1	1.36
75	3/31/2007 06:01	12.33	44.544	28.74	9.3	8.1	4.1	1.38
76	3/31/2007 06:16	12.22	44.785	28.91	9.25	8.08	5.5	1.44
77	3/31/2007 06:31	12.17	44.838	28.94	9.23	8.08	5.2	1.50
78	3/31/2007 06:46	12.28	43.717	28.15	9.21	8.08	5.8	1.57
79	3/31/2007 07:01	12.23	43.659	28.1	9.18	8.07	6.1	1.63
80	3/31/2007 07:16	12.11	44.313	28.56	9.15	8.06	5.2	1.71
81	3/31/2007 07:31	11.98	44.416	28.63	9.14	8.05	6.0	1.79
82	3/31/2007 07:46	11.91	44.629	28.78	9.09	8.05	6.9	1.87
83	3/31/2007 08:01	11.87	44.875	28.96	9.11	8.05	5.9	1.94
84	3/31/2007 08:16	11.79	45.044	29.07	9.12	8.04	6.1	2.01
85	3/31/2007 08:31	11.49	46.166	29.86	9.14	8.03	7.7	2.10
86	3/31/2007 08:46	11.38	46.578	30.15	9.15	8.03	7.3	2.17
87	3/31/2007 09:01	11.32	46.755	30.28	9.12	8.03	9.4	2.24
88	3/31/2007 09:16	11.22	46.911	30.39	9.09	8.03	8.8	2.32
89	3/31/2007 09:31	11.08	47.304	30.66	9.04	8.02	11.9	2.39
90	3/31/2007 09:46	11	47.467	30.77	9.04	8.02	13.2	2.47
91	3/31/2007 10:01	10.91	47.625	30.88	9.03	8.02	13.5	2.53
92	3/31/2007 10:16	10.8	47.876	31.06	9	8.01	12.6	2.61
93	3/31/2007 10:31	10.75	48.031	31.17	9.02	8.01	10.3	2.68
94	3/31/2007 10:46	10.67	48.271	31.34	8.99	8.01	11.1	2.74
95	3/31/2007 11:01	10.59	48.466	31.47	8.93	8.01	9.7	2.79

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
96	3/31/2007 11:16	10.5	48.714	31.64	8.86	8	8.6	2.84
97	3/31/2007 11:31	10.49	48.759	31.68	8.87	8	8.0	2.87
98	3/31/2007 11:46	10.62	48.476	31.48	8.89	8.01	7.2	2.88
99	3/31/2007 12:01	10.43	48.981	31.83	8.67	7.99	8.0	2.88
100	3/31/2007 12:16	10.43	48.972	31.83	8.7	7.99	10.3	2.86
101	3/31/2007 12:31	10.73	48.277	31.34	9.21	8.03	10.5	2.79
102	3/31/2007 12:46	10.95	47.901	31.08	9.39	8.05	8.3	2.74
103	3/31/2007 13:01	11.04	47.704	30.95	9.53	8.06	8.6	2.66
104	3/31/2007 13:16	11.44	47.215	30.61	9.94	8.1	8.8	2.55
105	3/31/2007 13:31	11.63	47.155	30.58	10.15	8.11	6.1	2.46
106	3/31/2007 13:46	11.62	46.853	30.36	10	8.1	6.9	2.37
107	3/31/2007 14:01	11.84	46.533	30.14	10.26	8.13	7.7	2.27
108	3/31/2007 14:16	12.06	46.227	29.93	10.4	8.14	7.4	2.15
109	3/31/2007 14:31	12.27	45.869	29.68	10.62	8.16	5.8	2.06
110	3/31/2007 14:46	12.39	45.662	29.54	10.58	8.16	5.8	1.95
111	3/31/2007 15:01	12.55	45.3	29.29	10.61	8.17	5.4	1.84
112	3/31/2007 15:16	12.77	45.2	29.22	10.79	8.19	5.1	1.75
113	3/31/2007 15:31	13.02	45.281	29.29	10.96	8.21	4.7	1.62
114	3/31/2007 15:46	13.15	45.171	29.21	10.9	8.21	4.7	1.52
115	3/31/2007 16:01	13.33	44.906	29.03	10.95	8.22	4.4	1.41
116	3/31/2007 16:16	13.41	44.796	28.95	11	8.23	4.1	1.32
117	3/31/2007 16:31	13.46	44.79	28.95	11.06	8.24	4.3	1.24
118	3/31/2007 16:46	13.53	44.755	28.93	11.08	8.24	4.4	1.16
119	3/31/2007 17:01	13.51	44.591	28.81	10.99	8.24	3.9	1.13
120	3/31/2007 17:16	13.56	44.569	28.79	10.97	8.24	3.2	1.08
121	3/31/2007 17:31	13.57	44.611	28.82	10.88	8.24	3.6	1.06
122	3/31/2007 17:46	13.2	44.806	28.95	10.79	8.2	3.4	1.10
123	3/31/2007 18:01	13.22	44.857	28.99	10.76	8.2	3.8	1.11
124	3/31/2007 18:16	13.3	44.826	28.97	10.86	8.21	4.4	1.15
125	3/31/2007 18:31	13.35	44.679	28.87	10.83	8.22	3.6	1.20
126	3/31/2007 18:46	13.25	44.799	28.95	10.79	8.21	3.8	1.27
127	3/31/2007 19:01	13.24	44.022	28.39	10.53	8.18	5.7	1.34
128	3/31/2007 19:16	13.23	44.197	28.52	10.53	8.18	5.1	1.40
129	3/31/2007 19:31	13.12	44.382	28.65	10.54	8.18	5.0	1.49
130	3/31/2007 19:46	13.07	44.428	28.68	10.55	8.18	4.4	1.57
131	3/31/2007 20:01	12.83	44.533	28.75	10.37	8.15	5.7	1.65
132	3/31/2007 20:16	12.61	45.002	29.08	10.26	8.14	6.0	1.74
133	3/31/2007 20:31	12.53	45.033	29.09	10.21	8.13	6.5	1.83
134	3/31/2007 20:46	12.41	45.3	29.28	10.13	8.12	6.3	1.92
135	3/31/2007 21:01	12.36	45.105	29.14	10.1	8.12	6.6	2.01
136	3/31/2007 21:16	12.07	45.947	29.73	9.99	8.1	8.0	2.10
137	3/31/2007 21:31	11.87	46.405	30.05	9.92	8.09	8.9	2.18
138	3/31/2007 21:46	11.74	46.621	30.2	9.83	8.08	8.7	2.27
139	3/31/2007 22:01	11.65	46.825	30.34	9.86	8.09	13.0	2.35
140	3/31/2007 22:16	11.55	46.975	30.45	9.81	8.08	16.8	2.43
141	3/31/2007 22:31	11.37	47.26	30.64	9.76	8.07	14.8	2.51
142	3/31/2007 22:46	11.25	47.456	30.78	9.72	8.07	13.1	2.59
143	3/31/2007 23:01	11.02	47.997	31.16	9.57	8.05	18.0	2.66

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
144	3/31/2007 23:16	10.79	48.605	31.58	9.39	8.04	15.4	2.73
145	3/31/2007 23:31	10.64	49.036	31.88	9.27	8.03	12.4	2.80
146	3/31/2007 23:46	10.53	49.343	32.1	9.16	8.02	12.1	2.85
147	4/1/2007 00:01	10.52	49.371	32.12	9.12	8.02	7.8	2.89
148	4/1/2007 00:16	10.48	49.505	32.21	9.01	8.02	6.3	2.92
149	4/1/2007 00:31	10.57	49.284	32.06	9.06	8.02	7.1	2.92
150	4/1/2007 00:46	10.46	49.581	32.27	8.99	8.02	9.4	2.90
151	4/1/2007 01:01	10.96	48.274	31.35	9.17	8.04	7.4	2.86
152	4/1/2007 01:16	10.98	48.184	31.29	9.22	8.05	6.6	2.80
153	4/1/2007 01:31	11.17	47.735	30.98	9.3	8.05	9.3	2.72
154	4/1/2007 01:46	11.13	47.766	31	9.36	8.05	10.2	2.62
155	4/1/2007 02:01	11.46	47.139	30.56	9.4	8.07	9.3	2.54
156	4/1/2007 02:16	11.52	46.942	30.42	9.36	8.07	8.6	2.43
157	4/1/2007 02:31	11.71	46.614	30.2	9.33	8.07	8.2	2.33
158	4/1/2007 02:46	11.68	46.586	30.17	9.41	8.07	8.6	2.23
159	4/1/2007 03:01	11.79	46.262	29.95	9.47	8.08	9.4	2.13
160	4/1/2007 03:16	11.99	45.726	29.57	9.44	8.08	6.3	2.03
161	4/1/2007 03:31	12.1	45.518	29.43	9.4	8.09	5.8	1.92
162	4/1/2007 03:46	12.15	45.478	29.4	9.36	8.09	5.9	1.81
163	4/1/2007 04:01	12.29	45.29	29.27	9.39	8.1	5.4	1.71
164	4/1/2007 04:16	12.43	45.187	29.2	9.42	8.11	5.0	1.61
165	4/1/2007 04:31	12.54	45.106	29.15	9.45	8.13	5.2	1.51
166	4/1/2007 04:46	12.62	44.99	29.07	9.46	8.13	4.9	1.41
167	4/1/2007 05:01	12.59	45.051	29.11	9.43	8.12	4.6	1.34
168	4/1/2007 05:16	12.66	44.92	29.02	9.41	8.13	4.5	1.27
169	4/1/2007 05:31	12.7	44.844	28.97	9.35	8.13	4.0	1.22
170	4/1/2007 05:46	12.74	44.773	28.92	9.36	8.13	4.0	1.20
171	4/1/2007 06:01	12.67	44.836	28.96	9.2	8.12	3.9	1.19
172	4/1/2007 06:16	12.66	44.855	28.97	9.22	8.12	3.7	1.19
173	4/1/2007 06:31	12.61	44.946	29.03	9.25	8.12	5.0	1.24
174	4/1/2007 06:46	12.58	44.975	29.05	9.28	8.12	5.4	1.29
175	4/1/2007 07:01	12.56	44.992	29.07	9.26	8.11	5.4	1.34
176	4/1/2007 07:16	12.58	44.993	29.07	9.32	8.12	4.8	1.41
177	4/1/2007 07:31	12.55	44.184	28.49	9.23	8.11	5.5	1.50
178	4/1/2007 07:46	12.54	43.751	28.18	9.21	8.11	5.7	1.56
179	4/1/2007 08:01	12.5	44.541	28.74	9.23	8.1	4.7	1.64
180	4/1/2007 08:16	12.39	44.448	28.67	9.23	8.09	5.5	1.72
181	4/1/2007 08:31	12.24	44.877	28.97	9.26	8.08	6.0	1.81
182	4/1/2007 08:46	12.13	45.078	29.11	9.3	8.08	7.0	1.90
183	4/1/2007 09:01	12.02	45.363	29.31	9.33	8.08	6.1	1.97
184	4/1/2007 09:16	11.95	45.53	29.43	9.37	8.08	6.1	2.06
185	4/1/2007 09:31	11.74	46.353	30.01	9.37	8.06	6.1	2.13
186	4/1/2007 09:46	11.62	46.604	30.18	9.36	8.06	7.7	2.22
187	4/1/2007 10:01	11.5	46.871	30.37	9.29	8.05	8.3	2.28
188	4/1/2007 10:16	11.37	47.233	30.62	9.3	8.05	9.0	2.37
189	4/1/2007 10:31	11.27	47.417	30.75	9.27	8.05	10.8	2.45
190	4/1/2007 10:46	11.15	47.614	30.89	9.26	8.04	9.7	2.52
191	4/1/2007 11:01	11.05	47.827	31.04	9.21	8.04	10.8	2.59

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
192	4/1/2007 11:16	10.95	48.05	31.19	9.19	8.04	10.4	2.66
193	4/1/2007 11:31	10.8	48.401	31.44	9.06	8.02	10.0	2.72
194	4/1/2007 11:46	10.62	48.833	31.74	8.9	8.01	11.2	2.77
195	4/1/2007 12:01	10.49	49.144	31.95	8.83	8	9.1	2.82
196	4/1/2007 12:16	10.42	49.328	32.08	8.77	8	7.5	2.86
197	4/1/2007 12:31	10.54	49.094	31.92	8.81	8.01	7.1	2.86
198	4/1/2007 12:46	10.39	49.407	32.14	8.65	7.99	7.7	2.86
199	4/1/2007 13:01	10.53	49.14	31.95	8.87	8.01	7.5	2.84
200	4/1/2007 13:16	10.78	48.706	31.65	9.27	8.05	7.8	2.79
201	4/1/2007 13:31	11.06	48.428	31.47	9.34	8.06	7.5	2.71
202	4/1/2007 13:46	11.23	48.051	31.21	9.74	8.09	8.1	2.64
203	4/1/2007 14:01	11.55	47.59	30.89	10.03	8.11	9.3	2.55
204	4/1/2007 14:16	11.84	47.283	30.68	10.29	8.13	7.4	2.44
205	4/1/2007 14:31	12.15	46.996	30.49	10.62	8.16	6.3	2.34
206	4/1/2007 14:46	12.41	46.72	30.3	10.8	8.18	6.7	2.25
207	4/1/2007 15:01	12.67	46.496	30.15	10.99	8.2	5.8	2.15
208	4/1/2007 15:16	13.05	46.37	30.07	11.3	8.23	5.4	2.04
209	4/1/2007 15:31	13.11	45.642	29.55	11.3	8.24	6.7	1.93
210	4/1/2007 15:46	13.29	45.423	29.4	11.34	8.25	6.8	1.84
211	4/1/2007 16:01	13.44	45.652	29.57	11.38	8.26	5.7	1.73
212	4/1/2007 16:16	13.59	45.553	29.5	11.41	8.27	6.2	1.61
213	4/1/2007 16:31	13.64	45.35	29.36	11.39	8.28	6.3	1.52
214	4/1/2007 16:46	13.76	45.345	29.36	11.44	8.29	6.1	1.42
215	4/1/2007 17:01	13.78	45.19	29.25	11.36	8.29	5.3	1.36
216	4/1/2007 17:16	13.77	45.119	29.2	11.36	8.29	4.8	1.27
217	4/1/2007 17:31	13.77	45.065	29.16	11.31	8.3	5.0	1.22
218	4/1/2007 17:46	13.75	44.989	29.1	11.22	8.29	4.1	1.20
219	4/1/2007 18:01	13.75	44.95	29.07	11.03	8.28	2.8	1.17
220	4/1/2007 18:16	13.78	45.105	29.19	11.23	8.3	4.8	1.18
221	4/1/2007 18:31	13.64	45.182	29.24	11.23	8.28	4.6	1.21
222	4/1/2007 18:46	13.63	45.156	29.22	11.27	8.28	5.2	1.26
223	4/1/2007 19:01	13.64	45.007	29.11	11.2	8.28	4.6	1.31
224	4/1/2007 19:16	13.61	45.051	29.14	11.13	8.27	4.6	1.37
225	4/1/2007 19:31	13.6	45.065	29.15	11.15	8.27	4.6	1.45
226	4/1/2007 19:46	13.55	44.741	28.92	10.95	8.25	5.2	1.52
227	4/1/2007 20:01	13.58	44.519	28.76	10.91	8.25	5.2	1.61
228	4/1/2007 20:16	13.52	44.892	29.03	11.01	8.25	5.4	1.68
229	4/1/2007 20:31	13.45	45.016	29.11	10.98	8.24	4.9	1.78
230	4/1/2007 20:46	13.18	45.403	29.38	10.89	8.22	5.8	1.87
231	4/1/2007 21:01	12.95	45.609	29.52	10.71	8.2	6.1	1.95
232	4/1/2007 21:16	12.73	45.762	29.62	10.47	8.17	6.9	2.03
233	4/1/2007 21:31	12.51	45.962	29.76	10.32	8.16	7.4	2.12
234	4/1/2007 21:46	12.42	45.858	29.68	10.25	8.16	6.9	2.21
235	4/1/2007 22:01	12.21	46.264	29.96	10.17	8.15	6.6	2.29
236	4/1/2007 22:16	11.95	47.01	30.49	10.02	8.12	8.3	2.37
237	4/1/2007 22:31	11.79	47.306	30.7	10.01	8.12	14.0	2.46
238	4/1/2007 22:46	11.66	47.501	30.83	9.94	8.11	12.2	2.54
239	4/1/2007 23:01	11.47	47.791	31.03	9.83	8.1	12.4	2.62

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
240	4/1/2007 23:16	11.3	48.054	31.21	9.74	8.09	13.5	2.70
241	4/1/2007 23:31	11.07	48.492	31.52	9.58	8.07	14.6	2.77
242	4/1/2007 23:46	10.85	48.918	31.81	9.44	8.06	11.1	2.83
243	4/2/2007 00:01	10.69	49.216	32.02	9.32	8.05	10.7	2.90
244	4/2/2007 00:16	10.61	49.376	32.13	9.24	8.05	9.0	2.95
245	4/2/2007 00:31	10.6	49.445	32.18	9.15	8.05	5.9	2.98
246	4/2/2007 00:46	10.74	49.16	31.98	9.19	8.05	7.4	3.00
247	4/2/2007 01:01	10.6	49.492	32.21	9.05	8.04	8.4	3.00
248	4/2/2007 01:16	10.67	49.309	32.08	9.15	8.05	7.7	2.96
249	4/2/2007 01:31	11.05	48.05	31.2	9.45	8.09	10.9	2.92
250	4/2/2007 01:46	11.22	47.692	30.95	9.5	8.1	10.8	2.86
251	4/2/2007 02:01	11.26	47.746	30.99	9.48	8.09	9.5	2.76
252	4/2/2007 02:16	11.43	47.267	30.65	9.47	8.11	8.2	2.66
253	4/2/2007 02:31	11.4	47.387	30.74	9.47	8.11	9.0	2.56
254	4/2/2007 02:46	11.5	47.194	30.6	9.53	8.11	7.2	2.45
255	4/2/2007 03:01	11.62	46.994	30.46	9.6	8.12	7.9	2.34
256	4/2/2007 03:16	11.78	46.672	30.24	9.66	8.12	7.9	2.24
257	4/2/2007 03:31	12.01	46.171	29.89	9.69	8.14	7.6	2.13
258	4/2/2007 03:46	12.1	45.975	29.75	9.67	8.15	7.0	2.02
259	4/2/2007 04:01	12.2	45.83	29.65	9.71	8.16	7.4	1.91
260	4/2/2007 04:16	12.17	45.84	29.66	9.66	8.16	7.0	1.79
261	4/2/2007 04:31	12.16	45.742	29.59	9.58	8.17	6.4	1.69
262	4/2/2007 04:46	12.28	45.394	29.34	9.45	8.19	6.4	1.57
263	4/2/2007 05:01	12.23	45.31	29.28	9.4	8.18	6.2	1.45
264	4/2/2007 05:16	12.23	45.241	29.23	9.42	8.19	6.0	1.36
265	4/2/2007 05:31	12.28	45.12	29.15	9.38	8.19	6.3	1.25
266	4/2/2007 05:46	12.32	45	29.06	9.33	8.19	6.1	1.20
267	4/2/2007 06:01	12.31	44.973	29.04	9.31	8.19	5.8	1.15
268	4/2/2007 06:16	12.35	44.927	29.01	9.29	8.19	5.4	1.09
269	4/2/2007 06:31	12.37	44.929	29.01	9.11	8.18	5.0	1.11
270	4/2/2007 06:46	12.23	45.031	29.08	9.19	8.18	6.3	1.10
271	4/2/2007 07:01	12.31	45.146	29.17	9.23	8.17	6.1	1.13
272	4/2/2007 07:16	12.34	45.234	29.23	9.31	8.17	6.4	1.19
273	4/2/2007 07:31	12.28	45.274	29.26	9.32	8.17	6.1	1.24
274	4/2/2007 07:46	12.14	44.494	28.69	9.26	8.17	5.7	1.30
275	4/2/2007 08:01	12.07	43.689	28.12	9.22	8.17	5.8	1.38
276	4/2/2007 08:16	12.2	44.342	28.59	9.26	8.17	5.8	1.47
277	4/2/2007 08:31	12.18	44.249	28.52	9.33	8.17	5.8	1.54
278	4/2/2007 08:46	12.25	45.063	29.11	9.27	8.16	5.3	1.60
279	4/2/2007 09:01	12.13	44.535	28.72	9.39	8.16	6.1	1.71
280	4/2/2007 09:16	12.07	45.3	29.27	9.46	8.15	6.0	1.79
281	4/2/2007 09:31	11.96	45.515	29.42	9.53	8.14	7.0	1.87
282	4/2/2007 09:46	11.91	45.761	29.59	9.61	8.14	6.6	1.95
283	4/2/2007 10:01	11.81	46.317	29.99	9.63	8.12	6.8	2.04
284	4/2/2007 10:16	11.75	46.735	30.28	9.65	8.12	8.0	2.13
285	4/2/2007 10:31	11.74	46.77	30.31	9.73	8.12	7.4	2.20
286	4/2/2007 10:46	11.63	47.037	30.5	9.74	8.12	10.5	2.28
287	4/2/2007 11:01	11.49	47.177	30.59	9.81	8.12	11.0	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
288	4/2/2007 11:16	11.4	47.341	30.7	9.77	8.11	11.3	2.43
289	4/2/2007 11:31	11.36	47.542	30.85	9.83	8.11	10.1	2.51
290	4/2/2007 11:46	11.22	47.739	30.98	9.73	8.1	10.4	2.56
291	4/2/2007 12:01	11.22	47.879	31.08	9.86	8.11	9.6	2.64
292	4/2/2007 12:16	10.9	48.4	31.44	9.63	8.09	13.6	2.70
293	4/2/2007 12:31	10.71	48.796	31.72	9.56	8.08	11.0	2.73
294	4/2/2007 12:46	10.54	49.134	31.95	9.45	8.07	9.2	2.78
295	4/2/2007 13:01	10.56	49.155	31.97	9.39	8.07	8.8	2.81
296	4/2/2007 13:16	10.52	49.241	32.03	9.41	8.07	3.6	2.83
297	4/2/2007 13:31	10.54	49.229	32.02	9.31	8.06	8.6	2.81
298	4/2/2007 13:46	10.95	48.699	31.66	9.91	8.12	8.6	2.75
299	4/2/2007 14:01	10.86	48.752	31.69	9.82	8.1	8.3	2.74
300	4/2/2007 14:16	11.33	48.181	31.31	9.92	8.12	7.2	2.67
301	4/2/2007 14:31	11.37	48.092	31.24	10.06	8.13	13.1	2.56
302	4/2/2007 14:46	12.05	47.817	31.08	10.43	8.18	22.9	2.48
303	4/2/2007 15:01	12.11	47.731	31.02	10.69	8.2	16.8	2.40
304	4/2/2007 15:16	12.28	47.693	31	10.84	8.22	15.9	2.30
305	4/2/2007 15:31	12.6	47.252	30.69	11.04	8.25	14.2	2.19
306	4/2/2007 15:46	12.57	46.85	30.4	11.21	8.26	12.1	2.12
307	4/2/2007 16:01	13	46.353	30.06	11.51	8.31	12.7	2.00
308	4/2/2007 16:16	13.07	46.235	29.98	11.61	8.31	12.2	1.90
309	4/2/2007 16:31	13.14	45.751	29.63	11.64	8.33	9.9	1.83
310	4/2/2007 16:46	13.25	45.823	29.69	11.64	8.33	9.9	1.71
311	4/2/2007 17:01	13.35	45.857	29.71	11.66	8.35	9.9	1.62
312	4/2/2007 17:16	13.45	45.569	29.51	11.59	8.35	8.7	1.55
313	4/2/2007 17:31	13.49	45.53	29.48	11.6	8.36	8.6	1.48
314	4/2/2007 17:46	13.54	45.581	29.52	11.56	8.37	7.9	1.39
315	4/2/2007 18:01	13.55	45.397	29.39	11.46	8.36	7.3	1.36
316	4/2/2007 18:16	13.55	45.329	29.34	11.38	8.36	7.0	1.34
317	4/2/2007 18:31	13.54	45.303	29.32	11.29	8.36	6.5	1.31
318	4/2/2007 18:46	13.52	45.473	29.44	11.37	8.36	6.6	1.33
319	4/2/2007 19:01	13.39	45.524	29.47	11.48	8.34	6.6	1.35
320	4/2/2007 19:16	13.38	45.553	29.5	11.48	8.34	8.0	1.40
321	4/2/2007 19:31	13.41	45.333	29.34	11.39	8.35	6.0	1.43
322	4/2/2007 19:46	13.4	45.354	29.35	11.39	8.34	5.9	1.51
323	4/2/2007 20:01	13.34	45.447	29.42	11.45	8.33	7.8	1.58
324	4/2/2007 20:16	13.32	45.347	29.35	11.46	8.32	6.8	1.66
325	4/2/2007 20:31	13.29	45.422	29.4	11.47	8.31	6.3	1.74
326	4/2/2007 20:46	13.22	45.484	29.44	11.51	8.3	6.7	1.81
327	4/2/2007 21:01	13.18	45.266	29.28	11.32	8.29	6.6	1.90
328	4/2/2007 21:16	13.06	45.474	29.43	11.26	8.27	6.8	1.98
329	4/2/2007 21:31	12.74	45.952	29.76	10.97	8.23	7.1	2.05
330	4/2/2007 21:46	12.38	46.642	30.24	10.66	8.18	8.3	2.13
331	4/2/2007 22:01	12.26	46.823	30.37	10.57	8.17	9.0	2.23
332	4/2/2007 22:16	12.17	46.8	30.35	10.57	8.17	9.4	2.30
333	4/2/2007 22:31	11.9	47.405	30.77	10.39	8.14	11.7	2.39
334	4/2/2007 22:46	11.75	47.652	30.94	10.38	8.13	11.9	2.46
335	4/2/2007 23:01	11.56	47.966	31.16	10.23	8.11	13.4	2.54

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
336	4/2/2007 23:16	11.44	48.122	31.27	10.18	8.11	13.3	2.64
337	4/2/2007 23:31	11.27	48.357	31.43	10.12	8.1	13.6	2.70
338	4/2/2007 23:46	11.08	48.635	31.62	10.05	8.09	13.1	2.79
339	4/3/2007 00:01	10.83	49.107	31.95	9.88	8.07	13.9	2.87
340	4/3/2007 00:16	10.73	49.282	32.07	9.74	8.06	10.3	2.93
341	4/3/2007 00:31	10.58	49.595	32.29	9.58	8.04	10.1	2.98
342	4/3/2007 00:46	10.51	49.714	32.37	9.51	8.04	7.5	3.02
343	4/3/2007 01:01	10.44	49.87	32.48	9.38	8.03	6.8	3.06
344	4/3/2007 01:16	10.5	49.734	32.38	9.45	8.03	9.9	3.06
345	4/3/2007 01:31	10.46	49.876	32.48	9.39	8.02	8.2	3.04
346	4/3/2007 01:46	10.45	49.928	32.52	9.38	8.02	8.2	2.99
347	4/3/2007 02:01	11.15	48.184	31.3	9.74	8.08	11.5	2.93
348	4/3/2007 02:16	11.21	48.182	31.3	9.78	8.08	9.3	2.86
349	4/3/2007 02:31	11	48.675	31.64	9.75	8.07	11.1	2.76
350	4/3/2007 02:46	11.23	47.797	31.02	9.88	8.1	14.4	2.65
351	4/3/2007 03:01	11.25	47.903	31.1	9.8	8.09	7.5	2.57
352	4/3/2007 03:16	11.38	47.749	31	9.83	8.09	7.9	2.44
353	4/3/2007 03:31	11.48	47.588	30.89	9.89	8.1	8.4	2.35
354	4/3/2007 03:46	11.49	47.545	30.86	9.91	8.1	7.9	2.23
355	4/3/2007 04:01	11.82	46.857	30.37	10	8.13	8.5	2.12
356	4/3/2007 04:16	12.05	46.361	30.03	10.07	8.16	7.9	2.01
357	4/3/2007 04:31	11.89	46.49	30.11	9.86	8.15	7.1	1.89
358	4/3/2007 04:46	11.86	46.499	30.12	9.93	8.16	7.7	1.75
359	4/3/2007 05:01	11.92	46.255	29.95	9.86	8.17	7.2	1.66
360	4/3/2007 05:16	12.07	45.766	29.6	9.77	8.19	6.1	1.52
361	4/3/2007 05:31	12.06	45.582	29.47	9.72	8.2	6.3	1.41
362	4/3/2007 05:46	12.06	45.442	29.37	9.68	8.2	6.8	1.29
363	4/3/2007 06:01	12.14	45.355	29.31	9.65	8.2	6.1	1.21
364	4/3/2007 06:16	12.15	45.323	29.29	9.6	8.2	6.0	1.13
365	4/3/2007 06:31	12.16	45.239	29.23	9.58	8.21	5.7	1.06
366	4/3/2007 06:46	12.18	45.163	29.17	9.51	8.2	5.4	1.01
367	4/3/2007 07:01	12.19	45.136	29.16	9.43	8.21	4.9	0.99
368	4/3/2007 07:16	12.12	45.161	29.17	9.45	8.2	5.4	1.02
369	4/3/2007 07:31	12.09	45.238	29.22	9.44	8.19	6.3	1.03
370	4/3/2007 07:46	12.11	45.326	29.29	9.45	8.19	6.6	1.06
371	4/3/2007 08:01	12.1	45.366	29.32	9.55	8.19	7.4	1.15
372	4/3/2007 08:16	12.11	45.384	29.33	9.62	8.19	7.1	1.20
373	4/3/2007 08:31	12.04	44.04	28.37	9.65	8.18	7.7	1.27
374	4/3/2007 08:46	12.07	44.145	28.44	9.64	8.18	7.9	1.36
375	4/3/2007 09:01	12.12	44.605	28.77	9.68	8.18	6.6	1.44
376	4/3/2007 09:16	12.13	44.911	28.99	9.69	8.18	6.4	1.52
377	4/3/2007 09:31	12.12	44.553	28.74	9.77	8.17	6.5	1.59
378	4/3/2007 09:46	12.05	45.13	29.15	9.84	8.16	6.5	1.69
379	4/3/2007 10:01	11.97	45.62	29.49	9.88	8.14	6.9	1.78
380	4/3/2007 10:16	11.9	46.347	30.01	9.94	8.13	7.4	1.86
381	4/3/2007 10:31	11.86	46.551	30.16	10.02	8.13	7.6	1.94
382	4/3/2007 10:46	11.82	46.858	30.38	10.04	8.12	7.8	2.04
383	4/3/2007 11:01	11.81	46.871	30.38	10.2	8.13	9.5	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
384	4/3/2007 11:16	11.72	47.17	30.6	10.13	8.11	11.3	2.19
385	4/3/2007 11:31	11.64	47.314	30.7	10.22	8.11	12.2	2.28
386	4/3/2007 11:46	11.55	47.492	30.82	10.4	8.12	12.4	2.35
387	4/3/2007 12:01	11.48	47.628	30.91	10.34	8.11	12.8	2.42
388	4/3/2007 12:16	11.42	47.787	31.03	10.38	8.11	12.1	2.50
389	4/3/2007 12:31	11.28	48.03	31.19	10.36	8.1	12.7	2.56
390	4/3/2007 12:46	11.14	48.327	31.4	10.25	8.09	12.6	2.62
391	4/3/2007 13:01	10.9	48.755	31.7	10.1	8.07	12.9	2.68
392	4/3/2007 13:16	10.64	49.132	31.95	9.73	8.04	13.9	2.73
393	4/3/2007 13:31	10.64	49.316	32.09	9.87	8.05	8.6	2.76
394	4/3/2007 13:46	10.78	49.102	31.94	9.92	8.06	8.8	2.78
395	4/3/2007 14:01	10.61	49.362	32.12	9.75	8.04	10.4	2.78
396	4/3/2007 14:16	10.59	49.404	32.15	9.75	8.04	9.7	2.76
397	4/3/2007 14:31	11.06	48.794	31.73	10.4	8.1	12.9	2.73
398	4/3/2007 14:46	11.22	48.578	31.59	10.58	8.12	7.7	2.67
399	4/3/2007 15:01	11.49	48.263	31.37	10.79	8.14	9.5	2.59
400	4/3/2007 15:16	11.67	47.945	31.15	11.15	8.16	12.8	2.52
401	4/3/2007 15:31	11.99	47.63	30.94	11.57	8.2	9.7	2.43
402	4/3/2007 15:46	12.46	47.388	30.78	11.88	8.24	7.7	2.34
403	4/3/2007 16:01	12.76	47.14	30.62	12.37	8.28	7.4	2.26
404	4/3/2007 16:16	12.92	46.929	30.47	12.65	8.3	7.7	2.18
405	4/3/2007 16:31	13	46.436	30.12	12.55	8.3	8.4	2.09
406	4/3/2007 16:46	13.24	46.437	30.13	12.9	8.33	6.9	2.00
407	4/3/2007 17:01	13.37	46.064	29.86	12.93	8.34	5.7	1.91
408	4/3/2007 17:16	13.49	45.882	29.74	12.8	8.35	5.4	1.82
409	4/3/2007 17:31	13.61	45.863	29.72	12.81	8.35	5.4	1.75
410	4/3/2007 17:46	13.75	45.978	29.81	12.83	8.36	5.0	1.66
411	4/3/2007 18:01	13.76	45.678	29.6	12.74	8.36	5.3	1.60
412	4/3/2007 18:16	13.79	45.686	29.6	12.72	8.36	4.9	1.55
413	4/3/2007 18:31	13.81	45.48	29.46	12.67	8.36	5.2	1.50
414	4/3/2007 18:46	13.82	45.523	29.49	12.46	8.35	4.2	1.46
415	4/3/2007 19:01	13.75	45.638	29.57	12.37	8.34	4.1	1.46
416	4/3/2007 19:16	13.47	45.821	29.69	12.38	8.33	4.7	1.47
417	4/3/2007 19:31	13.55	45.852	29.72	12.63	8.34	5.5	1.48
418	4/3/2007 19:46	13.59	45.719	29.62	12.51	8.35	4.8	1.52
419	4/3/2007 20:01	13.54	45.84	29.71	12.6	8.34	5.1	1.59
420	4/3/2007 20:16	13.48	45.814	29.69	12.54	8.34	5.5	1.64
421	4/3/2007 20:31	13.41	45.861	29.72	12.49	8.33	5.7	1.71
422	4/3/2007 20:46	13.36	45.881	29.73	12.46	8.32	5.3	1.78
423	4/3/2007 21:01	13.13	46.107	29.89	12.2	8.29	7.1	1.88
424	4/3/2007 21:16	13.06	46.288	30.01	12.14	8.28	6.6	1.94
425	4/3/2007 21:31	13.07	46.286	30.01	12.12	8.28	5.9	2.02
426	4/3/2007 21:46	12.78	46.724	30.32	11.81	8.24	6.6	2.11
427	4/3/2007 22:01	12.43	47.175	30.63	11.5	8.2	8.1	2.18
428	4/3/2007 22:16	12.19	47.576	30.91	11.28	8.18	7.5	2.26
429	4/3/2007 22:31	12.03	47.819	31.08	11.08	8.16	7.7	2.33
430	4/3/2007 22:46	11.86	48.063	31.25	10.95	8.15	8.4	2.41
431	4/3/2007 23:01	11.68	48.252	31.37	10.81	8.14	8.6	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
432	4/3/2007 23:16	11.58	48.421	31.49	10.76	8.13	8.5	2.57
433	4/3/2007 23:31	11.43	48.603	31.62	10.66	8.12	9.7	2.65
434	4/3/2007 23:46	11.33	48.751	31.72	10.63	8.11	9.0	2.73
435	4/4/2007 00:01	11.23	48.944	31.85	10.64	8.11	9.7	2.82
436	4/4/2007 00:16	11.13	49.11	31.97	10.58	8.11	10.9	2.88
437	4/4/2007 00:31	10.93	49.426	32.18	10.42	8.09	9.8	2.95
438	4/4/2007 00:46	10.77	49.69	32.37	10.22	8.07	7.2	2.99
439	4/4/2007 01:01	10.72	49.768	32.42	10.09	8.07	6.5	3.05
440	4/4/2007 01:16	10.6	49.964	32.55	9.97	8.05	5.1	3.08
441	4/4/2007 01:31	10.56	50.078	32.63	9.89	8.05	7.4	3.07
442	4/4/2007 01:46	10.49	50.2	32.72	9.83	8.04	7.6	3.11
443	4/4/2007 02:01	10.75	49.753	32.41	9.9	8.05	6.2	3.06
444	4/4/2007 02:16	11.4	48.479	31.52	10.41	8.12	7.4	2.97
445	4/4/2007 02:31	11.35	48.614	31.62	10.37	8.11	7.6	2.93
446	4/4/2007 02:46	11.26	48.863	31.79	10.33	8.1	9.9	2.83
447	4/4/2007 03:01	11.54	48.292	31.4	10.51	8.13	9.7	2.74
448	4/4/2007 03:16	11.63	48.143	31.29	10.42	8.13	6.9	2.63
449	4/4/2007 03:31	11.61	48.22	31.35	10.36	8.12	5.7	2.53
450	4/4/2007 03:46	11.71	48.07	31.24	10.47	8.13	6.4	2.42
451	4/4/2007 04:01	11.81	47.899	31.13	10.5	8.13	5.5	2.31
452	4/4/2007 04:16	12.07	47.448	30.81	10.65	8.16	6.4	2.22
453	4/4/2007 04:31	12.44	46.851	30.4	10.98	8.21	7.2	2.09
454	4/4/2007 04:46	12.32	47.01	30.51	10.92	8.2	6.0	1.98
455	4/4/2007 05:01	12.49	46.713	30.3	10.76	8.2	5.7	1.87
456	4/4/2007 05:16	12.58	46.502	30.15	10.73	8.21	6.1	1.73
457	4/4/2007 05:31	12.66	46.275	29.99	10.73	8.22	5.4	1.63
458	4/4/2007 05:46	12.78	46.031	29.82	10.62	8.22	4.9	1.51
459	4/4/2007 06:01	12.86	45.86	29.7	10.57	8.23	5.5	1.37
460	4/4/2007 06:16	12.96	45.796	29.66	10.6	8.23	5.8	1.27
461	4/4/2007 06:31	13	45.724	29.61	10.62	8.24	5.3	1.18
462	4/4/2007 06:46	13.06	45.622	29.53	10.61	8.24	5.0	1.07
463	4/4/2007 07:01	13.1	45.522	29.46	10.53	8.25	5.4	1.01
464	4/4/2007 07:16	13.12	45.454	29.42	10.46	8.24	3.9	0.98
465	4/4/2007 07:31	13.13	45.425	29.4	10.21	8.23	3.0	0.95
466	4/4/2007 07:46	13.09	45.469	29.43	10.43	8.24	5.4	0.96
467	4/4/2007 08:01	13.03	45.555	29.49	10.34	8.23	5.2	0.98
468	4/4/2007 08:16	12.99	45.653	29.55	10.42	8.23	5.4	1.02
469	4/4/2007 08:31	12.97	45.711	29.6	10.49	8.23	5.7	1.11
470	4/4/2007 08:46	12.95	45.775	29.64	10.55	8.23	5.7	1.15
471	4/4/2007 09:01	13.03	44.645	28.83	10.56	8.23	5.7	1.21
472	4/4/2007 09:16	13	44.727	28.89	10.52	8.23	5.9	1.30
473	4/4/2007 09:31	12.96	45.029	29.11	10.57	8.22	5.6	1.36
474	4/4/2007 09:46	12.96	45.03	29.11	10.61	8.22	6.0	1.45
475	4/4/2007 10:01	12.96	44.999	29.08	10.61	8.22	5.2	1.52
476	4/4/2007 10:16	12.91	44.972	29.06	10.72	8.22	5.7	1.60
477	4/4/2007 10:31	12.74	45.733	29.6	10.75	8.21	5.6	1.69
478	4/4/2007 10:46	12.75	45.683	29.57	10.99	8.22	5.9	1.77
479	4/4/2007 11:01	12.68	46.081	29.85	11.01	8.22	6.6	1.86

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
480	4/4/2007 11:16	12.45	46.79	30.35	10.97	8.2	5.7	1.94
481	4/4/2007 11:31	12.38	47.053	30.54	11.02	8.19	6.2	2.03
482	4/4/2007 11:46	12.35	47.183	30.63	11.13	8.2	6.9	2.10
483	4/4/2007 12:01	12.22	47.402	30.79	11.14	8.19	6.9	2.18
484	4/4/2007 12:16	12.19	47.499	30.85	11.21	8.19	7.0	2.26
485	4/4/2007 12:31	12.15	47.55	30.89	11.33	8.19	7.5	2.32
486	4/4/2007 12:46	12.02	47.754	31.03	11.39	8.19	8.2	2.41
487	4/4/2007 13:01	11.89	47.945	31.16	11.41	8.18	8.6	2.45
488	4/4/2007 13:16	11.81	48.071	31.25	11.39	8.18	8.2	2.52
489	4/4/2007 13:31	11.71	48.291	31.4	11.38	8.18	7.9	2.58
490	4/4/2007 13:46	11.49	48.545	31.58	10.96	8.14	7.5	2.62
491	4/4/2007 14:01	11.26	48.899	31.82	10.76	8.12	7.6	2.65
492	4/4/2007 14:16	11.25	48.981	31.88	10.72	8.12	5.7	2.67
493	4/4/2007 14:31	11.43	48.745	31.72	10.99	8.15	5.5	2.69
494	4/4/2007 14:46	11.29	49.016	31.91	10.83	8.13	9.1	2.67
495	4/4/2007 15:01	11.41	48.781	31.74	11.06	8.15	6.3	2.65
496	4/4/2007 15:16	12.19	48.163	31.33	12.01	8.23	5.8	2.61
497	4/4/2007 15:31	12	48.238	31.38	11.87	8.21	6.8	2.54
498	4/4/2007 15:46	12.33	47.926	31.17	12.45	8.26	7.2	2.48
499	4/4/2007 16:01	12.58	47.733	31.04	12.78	8.28	7.1	2.39
500	4/4/2007 16:16	12.57	47.636	30.97	12.77	8.28	6.9	2.32
501	4/4/2007 16:31	13.1	47.272	30.72	12.99	8.32	6.0	2.24
502	4/4/2007 16:46	13.37	47.061	30.58	13.24	8.34	6.1	2.15
503	4/4/2007 17:01	14.04	46.873	30.47	13.67	8.38	5.0	2.10
504	4/4/2007 17:16	14.3	46.748	30.38	13.78	8.39	5.0	2.00
505	4/4/2007 17:31	14.33	46.397	30.13	13.71	8.39	5.4	1.92
506	4/4/2007 17:46	14.39	46.028	29.86	13.64	8.4	4.6	1.86
507	4/4/2007 18:01	14.51	45.939	29.8	13.6	8.4	4.3	1.79
508	4/4/2007 18:16	14.74	46.144	29.96	13.71	8.41	4.0	1.72
509	4/4/2007 18:31	14.76	46.111	29.93	13.63	8.41	3.8	1.66
510	4/4/2007 18:46	14.73	45.869	29.76	13.4	8.4	3.8	1.64
511	4/4/2007 19:01	14.69	45.855	29.75	13.23	8.39	4.2	1.59
512	4/4/2007 19:16	14.67	45.965	29.83	12.8	8.35	4.5	1.58
513	4/4/2007 19:31	14.52	46.026	29.87	13.32	8.39	4.6	1.58
514	4/4/2007 19:46	14.44	46.1	29.92	13.37	8.38	4.1	1.58
515	4/4/2007 20:01	14.53	45.926	29.79	13.35	8.39	4.1	1.61
516	4/4/2007 20:16	14.24	46.065	29.89	13.22	8.38	4.4	1.65
517	4/4/2007 20:31	14.17	46.092	29.91	13.08	8.37	6.0	1.71
518	4/4/2007 20:46	14.17	46.036	29.87	13.11	8.37	4.5	1.77
519	4/4/2007 21:01	14.39	45.803	29.7	12.95	8.36	4.8	1.84
520	4/4/2007 21:16	13.75	46.488	30.18	12.77	8.32	5.2	1.91
521	4/4/2007 21:31	13.39	46.895	30.46	12.45	8.28	5.0	1.98
522	4/4/2007 21:46	13.26	47.109	30.61	12.38	8.28	5.4	2.05
523	4/4/2007 22:01	13.31	47.054	30.57	12.51	8.29	4.9	2.13
524	4/4/2007 22:16	13	47.387	30.8	12.3	8.27	5.0	2.21
525	4/4/2007 22:31	12.84	47.5	30.88	12.23	8.26	4.4	2.27
526	4/4/2007 22:46	12.71	47.609	30.95	12.09	8.26	4.7	2.35
527	4/4/2007 23:01	12.41	47.985	31.21	11.87	8.23	4.8	2.44

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
528	4/4/2007 23:16	11.87	48.747	31.74	11.37	8.17	6.0	2.50
529	4/4/2007 23:31	11.8	48.854	31.82	11.35	8.17	5.5	2.58
530	4/4/2007 23:46	11.75	48.898	31.84	11.36	8.17	5.4	2.66
531	4/5/2007 00:01	11.63	49.086	31.97	11.29	8.17	6.6	2.74
532	4/5/2007 00:16	11.6	49.156	32.02	11.47	8.18	6.3	2.81
533	4/5/2007 00:31	11.52	49.249	32.09	11.44	8.18	6.1	2.88
534	4/5/2007 00:46	11.37	49.364	32.16	11.34	8.17	6.3	2.95
535	4/5/2007 01:01	11.08	49.787	32.45	11.1	8.15	6.0	3.01
536	4/5/2007 01:16	10.91	49.985	32.59	10.88	8.13	5.6	3.06
537	4/5/2007 01:31	10.8	50.129	32.69	10.7	8.12	4.4	3.09
538	4/5/2007 01:46	10.76	50.172	32.71	10.58	8.11	3.5	3.11
539	4/5/2007 02:01	10.76	50.203	32.74	10.53	8.11	4.9	3.11
540	4/5/2007 02:16	10.96	49.965	32.58	10.67	8.11	5.5	3.09
541	4/5/2007 02:31	11.87	48.459	31.53	10.97	8.18	4.6	3.05
542	4/5/2007 02:46	11.82	48.302	31.42	11.14	8.19	5.5	2.98
543	4/5/2007 03:01	11.82	48.301	31.42	11.15	8.19	5.2	2.91
544	4/5/2007 03:16	11.41	49.039	31.93	11.18	8.16	7.0	2.82
545	4/5/2007 03:31	11.9	48.192	31.34	11.23	8.2	6.1	2.72
546	4/5/2007 03:46	12	47.946	31.17	11.3	8.2	6.2	2.62
547	4/5/2007 04:01	12.19	47.947	31.18	11.31	8.22	7.1	2.51
548	4/5/2007 04:16	12.15	48.062	31.26	11.3	8.21	4.7	2.41
549	4/5/2007 04:31	12.28	47.955	31.19	11.27	8.21	5.0	2.31
550	4/5/2007 04:46	12.55	47.61	30.95	11.42	8.23	4.9	2.20
551	4/5/2007 05:01	12.59	47.535	30.9	11.34	8.23	4.4	2.09
552	4/5/2007 05:16	12.96	47.028	30.54	11.5	8.26	4.9	1.98
553	4/5/2007 05:31	12.83	47.086	30.58	11.32	8.25	4.9	1.88
554	4/5/2007 05:46	13.24	46.482	30.16	11.26	8.27	4.9	1.75
555	4/5/2007 06:01	13.21	46.466	30.15	11.07	8.26	5.0	1.63
556	4/5/2007 06:16	13.27	46.365	30.08	11.05	8.27	4.7	1.52
557	4/5/2007 06:31	13.35	46.272	30.01	11.06	8.27	4.8	1.40
558	4/5/2007 06:46	13.43	46.187	29.95	11.05	8.27	4.9	1.28
559	4/5/2007 07:01	13.55	46.058	29.86	11.03	8.28	5.0	1.18
560	4/5/2007 07:16	13.61	45.955	29.79	10.96	8.28	5.0	1.08
561	4/5/2007 07:31	13.66	45.886	29.74	10.89	8.28	5.0	1.02
562	4/5/2007 07:46	13.7	45.827	29.7	10.81	8.28	4.3	0.96
563	4/5/2007 08:01	13.74	45.785	29.67	10.78	8.28	3.7	0.92
564	4/5/2007 08:16	13.74	45.773	29.66	10.35	8.25	5.9	0.93
565	4/5/2007 08:31	13.61	45.927	29.77	10.79	8.28	5.8	0.95
566	4/5/2007 08:46	13.54	46.007	29.83	10.84	8.27	5.8	0.98
567	4/5/2007 09:01	13.5	46.075	29.87	10.86	8.27	5.6	1.03
568	4/5/2007 09:16	13.49	46.113	29.9	10.95	8.27	5.3	1.10
569	4/5/2007 09:31	13.57	45.637	29.56	10.98	8.27	4.9	1.16
570	4/5/2007 09:46	13.68	45.08	29.16	10.94	8.27	4.7	1.23
571	4/5/2007 10:01	13.62	45.261	29.29	11	8.27	4.7	1.30
572	4/5/2007 10:16	13.62	45.265	29.3	11.05	8.27	4.7	1.37
573	4/5/2007 10:31	13.55	45.508	29.47	11.01	8.27	5.0	1.45
574	4/5/2007 10:46	13.48	45.686	29.59	11.02	8.26	4.6	1.52
575	4/5/2007 11:01	13.37	45.856	29.71	11.17	8.26	4.8	1.61

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
576	4/5/2007 11:16	13.31	46.027	29.83	11.28	8.26	5.1	1.69
577	4/5/2007 11:31	13.18	46.384	30.09	11.35	8.26	4.6	1.78
578	4/5/2007 11:46	13.2	46.48	30.16	11.39	8.25	4.9	1.86
579	4/5/2007 12:01	13.09	46.861	30.43	11.42	8.25	5.0	1.93
580	4/5/2007 12:16	12.88	47.349	30.77	11.54	8.24	5.5	2.02
581	4/5/2007 12:31	12.73	47.556	30.92	11.53	8.24	6.1	2.11
582	4/5/2007 12:46	12.67	47.69	31.01	11.59	8.24	5.9	2.18
583	4/5/2007 13:01	12.67	47.726	31.04	11.7	8.24	5.2	2.25
584	4/5/2007 13:16	12.58	47.819	31.1	11.74	8.24	6.1	2.32
585	4/5/2007 13:31	12.43	48.029	31.25	11.85	8.24	6.5	2.38
586	4/5/2007 13:46	12.34	48.142	31.32	11.79	8.23	6.8	2.44
587	4/5/2007 14:01	12.33	48.246	31.4	11.91	8.24	5.9	2.49
588	4/5/2007 14:16	12.21	48.398	31.5	11.74	8.22	6.5	2.55
589	4/5/2007 14:31	11.79	48.805	31.78	11.18	8.18	6.4	2.59
590	4/5/2007 14:46	11.7	48.967	31.89	11.1	8.18	4.7	2.62
591	4/5/2007 15:01	11.78	48.94	31.88	11.27	8.19	4.0	2.65
592	4/5/2007 15:16	11.91	48.778	31.77	11.43	8.2	4.9	2.66
593	4/5/2007 15:31	11.68	49.039	31.94	10.95	8.16	5.8	2.64
594	4/5/2007 15:46	11.84	48.877	31.83	11.18	8.19	4.9	2.61
595	4/5/2007 16:01	12.26	48.468	31.56	11.83	8.24	5.8	2.57
596	4/5/2007 16:16	12.66	48.162	31.35	12.17	8.27	5.1	2.53
597	4/5/2007 16:31	12.91	47.965	31.22	12.32	8.28	4.9	2.44
598	4/5/2007 16:46	13.17	47.805	31.11	12.56	8.31	6.0	2.37
599	4/5/2007 17:01	13.43	47.688	31.04	12.76	8.33	5.1	2.30
600	4/5/2007 17:16	13.55	47.553	30.94	12.99	8.34	4.5	2.23
601	4/5/2007 17:31	13.66	47.434	30.86	13.05	8.36	4.3	2.16
602	4/5/2007 17:46	13.75	47.371	30.82	13.14	8.37	3.8	2.08
603	4/5/2007 18:01	13.97	46.931	30.51	12.99	8.37	4.4	2.03
604	4/5/2007 18:16	14.1	46.748	30.38	12.89	8.37	3.8	1.98
605	4/5/2007 18:31	14.29	46.35	30.09	12.75	8.37	3.8	1.91
606	4/5/2007 18:46	14.32	46.415	30.14	12.77	8.37	3.5	1.85
607	4/5/2007 19:01	14.34	46.389	30.12	12.74	8.37	3.2	1.82
608	4/5/2007 19:16	14.45	46.241	30.02	12.7	8.37	3.0	1.77
609	4/5/2007 19:31	14.45	46.252	30.03	12.57	8.37	3.2	1.75
610	4/5/2007 19:46	14.53	46.163	29.97	12.45	8.36	2.4	1.73
611	4/5/2007 20:01	14.32	46.407	30.14	12.19	8.34	2.5	1.73
612	4/5/2007 20:16	14.44	46.222	30.01	12.42	8.36	2.9	1.74
613	4/5/2007 20:31	14.38	46.276	30.04	12.5	8.36	3.1	1.76
614	4/5/2007 20:46	14.12	46.541	30.23	12.36	8.34	3.3	1.80
615	4/5/2007 21:01	14.05	46.617	30.28	12.31	8.34	3.9	1.85
616	4/5/2007 21:16	14.12	46.522	30.21	12.37	8.34	3.7	1.91
617	4/5/2007 21:31	14.24	46.424	30.15	12.18	8.34	4.2	1.97
618	4/5/2007 21:46	13.76	47.01	30.56	12.2	8.31	4.0	2.03
619	4/5/2007 22:01	13.39	47.442	30.86	11.93	8.28	3.6	2.10
620	4/5/2007 22:16	13.39	47.445	30.86	11.83	8.27	3.5	2.17
621	4/5/2007 22:31	13.46	47.359	30.8	11.95	8.29	3.6	2.23
622	4/5/2007 22:46	13.25	47.585	30.96	11.68	8.27	3.5	2.29
623	4/5/2007 23:01	12.95	47.867	31.15	11.56	8.25	3.5	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
624	4/5/2007 23:16	12.71	48.128	31.33	11.5	8.24	4.1	2.43
625	4/5/2007 23:31	12.44	48.468	31.56	11.33	8.22	3.3	2.50
626	4/5/2007 23:46	11.87	49.161	32.04	10.96	8.17	3.9	2.58
627	4/6/2007 00:01	11.8	49.242	32.1	10.94	8.17	3.9	2.65
628	4/6/2007 00:16	11.75	49.304	32.14	10.97	8.17	4.3	2.73
629	4/6/2007 00:31	11.68	49.383	32.19	10.9	8.17	3.8	2.79
630	4/6/2007 00:46	11.62	49.449	32.24	10.85	8.16	3.5	2.87
631	4/6/2007 01:01	11.5	49.556	32.31	10.79	8.16	3.9	2.93
632	4/6/2007 01:16	11.34	49.736	32.43	10.64	8.14	3.3	2.98
633	4/6/2007 01:31	11.25	49.827	32.49	10.49	8.13	3.2	3.04
634	4/6/2007 01:46	11.13	49.972	32.59	10.38	8.12	3.4	3.08
635	4/6/2007 02:01	11.07	50.044	32.64	10.25	8.11	2.4	3.10
636	4/6/2007 02:16	11.15	49.95	32.58	10.1	8.11	1.6	3.11
637	4/6/2007 02:31	11.05	50.077	32.66	10.17	8.1	3.2	3.10
638	4/6/2007 02:46	11.7	49.226	32.08	10.38	8.16	3.9	3.07
639	4/6/2007 03:01	12.19	48.671	31.7	10.78	8.19	3.2	3.03
640	4/6/2007 03:16	12.17	48.741	31.75	10.78	8.19	3.5	2.97
641	4/6/2007 03:31	12	48.961	31.9	10.65	8.18	3.6	2.89
642	4/6/2007 03:46	11.91	49.042	31.96	10.75	8.17	3.7	2.81
643	4/6/2007 04:01	12.32	48.504	31.59	10.81	8.2	3.9	2.72
644	4/6/2007 04:16	12.5	48.21	31.38	10.85	8.22	3.5	2.63
645	4/6/2007 04:31	12.64	48.065	31.28	10.86	8.22	3.2	2.52
646	4/6/2007 04:46	12.61	48.169	31.36	10.89	8.21	3.8	2.42
647	4/6/2007 05:01	12.71	48.093	31.3	10.91	8.22	3.6	2.32
648	4/6/2007 05:16	12.82	47.967	31.22	10.92	8.22	3.8	2.21
649	4/6/2007 05:31	13.21	47.504	30.9	10.98	8.25	3.9	2.12
650	4/6/2007 05:46	13.46	47.188	30.68	11.01	8.26	4.1	2.00
651	4/6/2007 06:01	13.57	47.037	30.57	10.88	8.26	3.9	1.90
652	4/6/2007 06:16	13.42	47.169	30.66	10.68	8.24	3.9	1.79
653	4/6/2007 06:31	13.63	46.898	30.47	10.58	8.25	3.8	1.67
654	4/6/2007 06:46	13.79	46.744	30.37	10.53	8.25	3.8	1.57
655	4/6/2007 07:01	13.92	46.626	30.28	10.5	8.25	4.3	1.44
656	4/6/2007 07:16	14.03	46.535	30.22	10.43	8.26	4.2	1.33
657	4/6/2007 07:31	14.17	46.397	30.13	10.41	8.26	3.9	1.23
658	4/6/2007 07:46	14.24	46.307	30.06	10.36	8.26	5.2	1.14
659	4/6/2007 08:01	14.33	46.211	30	10.27	8.26	5.0	1.07
660	4/6/2007 08:16	14.4	46.142	29.95	10.25	8.26	4.1	1.00
661	4/6/2007 08:31	14.45	46.085	29.91	10.2	8.24	3.5	0.98
662	4/6/2007 08:46	14.41	46.13	29.94	9.9	8.23	2.7	0.97
663	4/6/2007 09:01	14.24	46.274	30.04	10.03	8.24	3.8	0.96
664	4/6/2007 09:16	14.16	46.343	30.09	10.12	8.24	4.5	1.00
665	4/6/2007 09:31	14.1	46.415	30.14	10.23	8.25	5.0	1.03
666	4/6/2007 09:46	14.09	46.401	30.13	10.19	8.24	4.1	1.08
667	4/6/2007 10:01	14.14	46.395	30.12	10.34	8.25	3.9	1.14
668	4/6/2007 10:16	14.33	45.662	29.6	10.32	8.25	3.8	1.19
669	4/6/2007 10:31	14.31	45.562	29.53	10.26	8.24	3.7	1.26
670	4/6/2007 10:46	14.2	45.783	29.68	10.31	8.24	3.8	1.33
671	4/6/2007 11:01	14.13	45.918	29.78	10.34	8.24	3.7	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
672	4/6/2007 11:16	14.08	46.069	29.89	10.36	8.24	3.3	1.47
673	4/6/2007 11:31	14.06	45.935	29.79	10.36	8.24	3.7	1.54
674	4/6/2007 11:46	13.96	46.212	29.99	10.46	8.24	3.5	1.63
675	4/6/2007 12:01	13.82	46.399	30.12	10.48	8.23	4.0	1.70
676	4/6/2007 12:16	13.69	46.74	30.36	10.65	8.23	3.8	1.78
677	4/6/2007 12:31	13.79	46.653	30.3	10.75	8.24	3.8	1.86
678	4/6/2007 12:46	13.38	47.269	30.73	10.73	8.22	4.1	1.94
679	4/6/2007 13:01	13.3	47.472	30.88	10.75	8.22	3.9	2.01
680	4/6/2007 13:16	13.19	47.663	31.01	10.81	8.22	4.0	2.07
681	4/6/2007 13:31	13.17	47.714	31.05	10.81	8.21	3.4	2.15
682	4/6/2007 13:46	13.1	47.846	31.14	10.73	8.21	4.2	2.21
683	4/6/2007 14:01	13.06	47.934	31.2	10.75	8.21	3.9	2.27
684	4/6/2007 14:16	12.91	48.065	31.29	10.83	8.21	3.6	2.33
685	4/6/2007 14:31	12.89	48.148	31.35	10.97	8.21	4.1	2.38
686	4/6/2007 14:46	12.76	48.29	31.45	11	8.21	3.7	2.44
687	4/6/2007 15:01	12.73	48.371	31.51	10.97	8.2	3.3	2.47
688	4/6/2007 15:16	12.6	48.471	31.57	10.83	8.19	3.1	2.52
689	4/6/2007 15:31	12.34	48.682	31.71	10.64	8.17	2.8	2.54
690	4/6/2007 15:46	12.29	48.752	31.76	10.5	8.16	2.4	2.56
691	4/6/2007 16:01	12.49	48.611	31.67	10.72	8.18	3.8	2.56
692	4/6/2007 16:16	12.42	48.64	31.69	10.63	8.18	3.4	2.55
693	4/6/2007 16:31	13.41	48.128	31.35	11.09	8.22	3.4	2.54
694	4/6/2007 16:46	13.7	47.951	31.24	11.09	8.23	2.5	2.50
695	4/6/2007 17:01	13.15	48.175	31.38	11.04	8.22	3.1	2.45
696	4/6/2007 17:16	13.28	48.047	31.29	11.26	8.23	3.5	2.39
697	4/6/2007 17:31	13.36	48.015	31.27	11.23	8.23	3.3	2.33
698	4/6/2007 17:46	13.25	48.006	31.26	11.13	8.23	3.0	2.28
699	4/6/2007 18:01	13.3	47.954	31.22	11.13	8.23	3.4	2.22
700	4/6/2007 18:16	14.15	47.606	31	11.54	8.29	3.0	2.17
701	4/6/2007 18:31	14.25	47.409	30.86	11.68	8.31	3.0	2.12
702	4/6/2007 18:46	14.56	47.274	30.77	11.54	8.31	3.2	2.07
703	4/6/2007 19:01	14.76	47.171	30.7	11.38	8.3	2.9	2.01
704	4/6/2007 19:16	14.59	46.994	30.57	11.27	8.29	2.9	1.97
705	4/6/2007 19:31	14.65	47.01	30.58	11.09	8.28	2.5	1.93
706	4/6/2007 19:46	14.69	46.894	30.5	10.93	8.28	1.6	1.90
707	4/6/2007 20:01	14.61	46.964	30.55	10.24	8.23	0.8	1.88
708	4/6/2007 20:16	14.65	47.027	30.59	10.73	8.27	2.1	1.88
709	4/6/2007 20:31	14.67	46.864	30.47	10.76	8.27	1.8	1.88
710	4/6/2007 20:46	14.64	46.718	30.37	11	8.29	2.1	1.90
711	4/6/2007 21:01	14.4	47.171	30.69	11.2	8.28	2.9	1.93
712	4/6/2007 21:16	14.23	47.246	30.74	11.11	8.27	2.6	1.96
713	4/6/2007 21:31	14.33	47.111	30.65	11.13	8.28	3.5	1.99
714	4/6/2007 21:46	14.52	46.864	30.47	10.91	8.27	3.5	2.05
715	4/6/2007 22:01	14.1	47.26	30.75	10.97	8.25	2.9	2.09
716	4/6/2007 22:16	14.15	47.149	30.67	10.78	8.24	2.9	2.14
717	4/6/2007 22:31	13.62	47.7	31.05	10.76	8.22	2.9	2.20
718	4/6/2007 22:46	13.5	47.875	31.17	10.74	8.22	3.0	2.26
719	4/6/2007 23:01	13.43	47.97	31.24	10.81	8.22	2.8	2.30

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	4/6/2007 23:16	13.35	47.999	31.26	10.69	8.21	2.9	2.37
721	4/6/2007 23:31	13.17	48.214	31.41	10.68	8.21	2.9	2.42
722	4/6/2007 23:46	13.05	48.278	31.45	10.6	8.2	2.8	2.50
723	4/7/2007 00:01	12.84	48.528	31.62	10.63	8.19	3.2	2.56
724	4/7/2007 00:16	12.4	49.024	31.97	10.49	8.16	3.0	2.64
725	4/7/2007 00:31	11.96	49.501	32.29	10.36	8.14	3.4	2.71
726	4/7/2007 00:46	11.86	49.619	32.37	10.34	8.13	3.2	2.77
727	4/7/2007 01:01	11.85	49.61	32.37	10.31	8.13	3.3	2.85
728	4/7/2007 01:16	11.62	49.866	32.54	10.22	8.12	3.4	2.91
729	4/7/2007 01:31	11.57	49.912	32.57	10.14	8.11	3.3	2.96
730	4/7/2007 01:46	11.56	49.916	32.57	10.02	8.11	2.3	3.02
731	4/7/2007 02:01	11.46	50.023	32.65	9.92	8.1	2.2	3.07
732	4/7/2007 02:16	11.38	50.114	32.71	9.79	8.09	1.9	3.10
733	4/7/2007 02:31	11.49	49.999	32.63	9.46	8.08	1.8	3.10
734	4/7/2007 02:46	11.36	50.134	32.72	9.71	8.08	2.4	3.11
735	4/7/2007 03:01	11.39	50.1	32.7	9.71	8.08	2.5	3.10
736	4/7/2007 03:16	12.45	48.884	31.87	9.97	8.15	2.8	3.06
737	4/7/2007 03:31	12.71	48.663	31.72	9.95	8.16	3.1	3.01
738	4/7/2007 03:46	12.29	49.129	32.04	9.87	8.13	2.4	2.97
739	4/7/2007 04:01	12.02	49.417	32.23	9.71	8.11	2.9	2.90
740	4/7/2007 04:16	12.4	48.953	31.91	9.74	8.13	2.2	2.83
741	4/7/2007 04:31	12.63	48.67	31.72	9.97	8.15	2.4	2.76
742	4/7/2007 04:46	12.78	48.413	31.54	10.01	8.16	2.6	2.67
743	4/7/2007 05:01	12.99	48.218	31.41	10.03	8.17	3.1	2.58
744	4/7/2007 05:16	12.92	48.249	31.42	10.01	8.17	2.5	2.50
745	4/7/2007 05:31	13	48.215	31.4	9.98	8.17	2.9	2.40
746	4/7/2007 05:46	13.19	48.033	31.28	10.01	8.18	2.8	2.30
747	4/7/2007 06:01	13.45	47.737	31.07	9.98	8.19	2.8	2.20
748	4/7/2007 06:16	13.66	47.481	30.89	9.96	8.2	3.2	2.09
749	4/7/2007 06:31	13.74	47.395	30.83	9.9	8.2	4.9	1.99
750	4/7/2007 06:46	13.85	47.267	30.75	9.83	8.21	8.0	1.89
751	4/7/2007 07:01	13.82	47.257	30.74	9.7	8.2	5.5	1.80
752	4/7/2007 07:16	13.91	47.164	30.67	9.63	8.2	5.3	1.68
753	4/7/2007 07:31	13.97	47.085	30.62	9.48	8.19	5.5	1.58
754	4/7/2007 07:46	14.06	46.997	30.56	9.41	8.2	5.3	1.47
755	4/7/2007 08:01	14.3	46.777	30.4	9.36	8.2	5.6	1.36
756	4/7/2007 08:16	14.35	46.716	30.36	9.27	8.2	5.8	1.28
757	4/7/2007 08:31	14.47	46.607	30.28	9.27	8.21	5.8	1.17
758	4/7/2007 08:46	14.57	46.517	30.22	9.23	8.21	5.2	1.12
759	4/7/2007 09:01	14.62	46.47	30.19	9.15	8.21	4.6	1.07
760	4/7/2007 09:16	14.63	46.461	30.18	8.98	8.19	3.8	1.03
761	4/7/2007 09:31	14.53	46.551	30.25	8.73	8.18	2.6	1.01
762	4/7/2007 09:46	14.41	46.647	30.31	9.05	8.19	3.6	1.02
763	4/7/2007 10:01	14.36	46.683	30.34	9.11	8.19	4.4	1.05
764	4/7/2007 10:16	14.31	46.73	30.37	9.2	8.2	5.2	1.11
765	4/7/2007 10:31	14.42	46.652	30.32	9.29	8.2	4.4	1.15
766	4/7/2007 10:46	14.5	46.635	30.31	9.33	8.21	3.5	1.20
767	4/7/2007 11:01	14.7	45.79	29.7	9.26	8.2	4.7	1.27

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
768	4/7/2007 11:16	14.6	45.966	29.82	9.26	8.2	4.3	1.33
769	4/7/2007 11:31	14.51	46.052	29.88	9.23	8.19	3.4	1.38
770	4/7/2007 11:46	14.45	46.114	29.93	9.21	8.19	3.9	1.45
771	4/7/2007 12:01	14.41	46.21	30	9.28	8.19	4.1	1.51
772	4/7/2007 12:16	14.39	46.268	30.04	9.26	8.19	3.4	1.59
773	4/7/2007 12:31	14.49	46.112	29.93	9.32	8.19	3.6	1.64
774	4/7/2007 12:46	14.23	46.624	30.29	9.34	8.19	3.3	1.71
775	4/7/2007 13:01	14.12	46.866	30.46	9.46	8.18	3.5	1.79
776	4/7/2007 13:16	14.32	46.928	30.51	9.64	8.19	3.8	1.86
777	4/7/2007 13:31	13.63	47.518	30.92	9.65	8.17	3.4	1.92
778	4/7/2007 13:46	13.62	47.656	31.02	9.7	8.17	3.6	1.99
779	4/7/2007 14:01	13.49	47.757	31.09	9.69	8.17	3.5	2.07
780	4/7/2007 14:16	13.44	47.847	31.15	9.7	8.17	3.7	2.12
781	4/7/2007 14:31	13.4	47.908	31.19	9.71	8.16	3.0	2.18
782	4/7/2007 14:46	13.4	47.939	31.22	9.72	8.17	3.1	2.24
783	4/7/2007 15:01	13.29	48.004	31.26	9.74	8.16	2.8	2.30
784	4/7/2007 15:16	13.19	48.079	31.31	9.74	8.16	2.7	2.35
785	4/7/2007 15:31	13.12	48.127	31.34	9.74	8.15	3.2	2.38
786	4/7/2007 15:46	13.07	48.213	31.4	9.76	8.15	2.1	2.41
787	4/7/2007 16:01	13.05	48.258	31.44	9.72	8.14	2.5	2.45
788	4/7/2007 16:16	13.03	48.295	31.46	9.64	8.14	2.2	2.50
789	4/7/2007 16:31	12.99	48.342	31.49	9.2	8.12	0.8	2.50
790	4/7/2007 16:46	13.03	48.328	31.49	9.6	8.14	1.9	2.52
791	4/7/2007 17:01	13	48.352	31.5	9.65	8.14	2.7	2.51
792	4/7/2007 17:16	13.01	48.329	31.49	9.63	8.14	2.8	2.48
793	4/7/2007 17:31	13.07	48.266	31.44	9.67	8.15	2.3	2.45
794	4/7/2007 17:46	13.57	47.997	31.26	9.86	8.18	3.3	2.41
795	4/7/2007 18:01	13.61	47.954	31.23	9.79	8.17	2.5	2.37
796	4/7/2007 18:16	13.7	47.927	31.22	9.77	8.17	2.9	2.33
797	4/7/2007 18:31	13.8	47.836	31.16	9.81	8.18	3.4	2.27
798	4/7/2007 18:46	14.19	47.756	31.11	9.69	8.18	2.7	2.22
799	4/7/2007 19:01	14.58	47.706	31.08	10.02	8.22	3.1	2.16
800	4/7/2007 19:16	14.48	46.932	30.52	10.25	8.23	3.2	2.14
801	4/7/2007 19:31	14.52	47.38	30.84	10.36	8.24	2.6	2.10
802	4/7/2007 19:46	14.59	47.239	30.74	10.21	8.24	3.1	2.06
803	4/7/2007 20:01	14.62	47.172	30.7	10.14	8.23	3.3	2.03
804	4/7/2007 20:16	14.64	47.14	30.67	9.87	8.22	2.1	2.01
805	4/7/2007 20:31	14.72	47.145	30.68	9.76	8.22	1.5	2.00
806	4/7/2007 20:46	14.64	47.19	30.71	9.22	8.19	1.0	1.99
807	4/7/2007 21:01	14.66	47.162	30.69	9.43	8.22	0.9	1.99
808	4/7/2007 21:16	14.62	47.128	30.66	9.65	8.23	1.6	2.01
809	4/7/2007 21:31	14.6	47.101	30.64	9.84	8.23	2.0	2.03
810	4/7/2007 21:46	14.45	47.442	30.89	9.82	8.22	2.5	2.06
811	4/7/2007 22:01	14.31	47.507	30.93	9.83	8.21	2.5	2.10
812	4/7/2007 22:16	14.25	47.493	30.92	9.81	8.21	2.8	2.13
813	4/7/2007 22:31	14.42	47.167	30.69	9.8	8.21	3.3	2.17
814	4/7/2007 22:46	14.14	47.451	30.89	9.72	8.19	2.6	2.22
815	4/7/2007 23:01	14	47.624	31.01	9.8	8.19	2.9	2.26

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
816	4/7/2007 23:16	13.87	47.793	31.13	9.83	8.19	3.2	2.31
817	4/7/2007 23:31	13.75	47.953	31.24	9.8	8.18	3.0	2.36
818	4/7/2007 23:46	13.62	48.089	31.33	9.77	8.18	2.9	2.42
819	4/8/2007 00:01	13.59	48.029	31.29	9.75	8.18	2.7	2.47
820	4/8/2007 00:16	13.46	48.144	31.37	9.73	8.18	2.4	2.53
821	4/8/2007 00:31	13.27	48.298	31.47	9.69	8.17	2.5	2.59
822	4/8/2007 00:46	13.17	48.398	31.54	9.65	8.16	2.7	2.65
823	4/8/2007 01:01	12.92	48.663	31.72	9.6	8.15	2.4	2.70
824	4/8/2007 01:16	12.53	49.077	32.01	9.63	8.13	2.2	2.75
825	4/8/2007 01:31	12.4	49.169	32.07	9.61	8.12	2.8	2.81
826	4/8/2007 01:46	12.13	49.473	32.28	9.6	8.11	3.0	2.87
827	4/8/2007 02:01	12.04	49.54	32.32	9.57	8.1	2.1	2.91
828	4/8/2007 02:16	11.99	49.567	32.34	9.54	8.1	2.1	2.95
829	4/8/2007 02:31	11.94	49.597	32.36	9.45	8.09	1.8	3.00
830	4/8/2007 02:46	11.91	49.609	32.37	9.41	8.09	1.6	3.03
831	4/8/2007 03:01	11.84	49.671	32.41	9.17	8.07	1.1	3.05
832	4/8/2007 03:16	11.92	49.623	32.38	9.05	8.06	0.8	3.07
833	4/8/2007 03:31	11.83	49.684	32.42	9.34	8.08	2.2	3.07
834	4/8/2007 03:46	11.79	49.708	32.43	9.39	8.08	2.3	3.05
835	4/8/2007 04:01	12.09	49.467	32.27	9.33	8.08	2.3	3.01
836	4/8/2007 04:16	12.44	49.087	32.01	9.24	8.11	3.3	2.96
837	4/8/2007 04:31	12.98	48.511	31.62	9.11	8.12	2.7	2.90
838	4/8/2007 04:46	12.33	49.223	32.11	9.33	8.09	2.4	2.84
839	4/8/2007 05:01	12.67	48.835	31.84	9.16	8.1	2.1	2.75
840	4/8/2007 05:16	12.78	48.702	31.75	9.15	8.11	3.1	2.68
841	4/8/2007 05:31	12.8	48.654	31.71	9.23	8.12	2.6	2.60
842	4/8/2007 05:46	13.26	48.17	31.38	8.93	8.12	2.8	2.52
843	4/8/2007 06:01	13.29	48.125	31.35	8.99	8.13	2.7	2.43
844	4/8/2007 06:16	13.46	47.876	31.17	8.99	8.14	2.8	2.35
845	4/8/2007 06:31	13.34	48.006	31.26	8.98	8.12	3.6	2.25
846	4/8/2007 06:46	13.75	47.567	30.96	8.98	8.15	4.4	2.15
847	4/8/2007 07:01	13.9	47.433	30.87	8.94	8.16	3.3	2.05
848	4/8/2007 07:16	13.96	47.326	30.79	8.89	8.16	3.3	1.96
849	4/8/2007 07:31	14.12	47.16	30.68	8.88	8.17	3.2	1.87
850	4/8/2007 07:46	13.89	47.365	30.82	8.84	8.15	2.9	1.76
851	4/8/2007 08:01	14.13	47.116	30.64	8.82	8.17	3.5	1.66
852	4/8/2007 08:16	14.25	46.924	30.51	8.72	8.17	3.7	1.56
853	4/8/2007 08:31	14.35	46.806	30.43	8.73	8.17	3.3	1.46
854	4/8/2007 08:46	14.45	46.696	30.35	8.72	8.17	3.0	1.37
855	4/8/2007 09:01	14.55	46.618	30.29	8.7	8.18	3.5	1.30
856	4/8/2007 09:16	14.58	46.617	30.29	8.66	8.18	3.2	1.22
857	4/8/2007 09:31	14.65	46.585	30.27	8.64	8.17	3.3	1.16
858	4/8/2007 09:46	14.69	46.575	30.27	8.47	8.17	2.6	1.11
859	4/8/2007 10:01	14.73	46.568	30.26	8.08	8.15	1.4	1.09
860	4/8/2007 10:16	14.58	46.695	30.35	8.39	8.16	2.2	1.07
861	4/8/2007 10:31	14.48	46.787	30.41	8.34	8.15	2.5	1.09
862	4/8/2007 10:46	14.5	46.773	30.4	8.44	8.16	2.6	1.10
863	4/8/2007 11:01	14.68	46.728	30.38	8.61	8.17	3.1	1.15

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
864	4/8/2007 11:16	14.68	46.735	30.38	8.57	8.16	2.6	1.17
865	4/8/2007 11:31	14.69	46.733	30.38	8.47	8.15	2.1	1.21
866	4/8/2007 11:46	14.85	46.126	29.95	8.56	8.15	3.0	1.28
867	4/8/2007 12:01	14.66	46.413	30.15	8.49	8.15	2.2	1.32
868	4/8/2007 12:16	14.73	46.334	30.09	8.45	8.15	2.3	1.37
869	4/8/2007 12:31	14.65	46.294	30.06	8.5	8.15	2.2	1.42
870	4/8/2007 12:46	14.53	46.367	30.11	8.47	8.14	2.6	1.48
871	4/8/2007 13:01	14.52	46.398	30.13	8.45	8.15	2.9	1.54
872	4/8/2007 13:16	14.57	46.311	30.07	8.39	8.14	2.7	1.61
873	4/8/2007 13:31	14.32	46.644	30.31	8.49	8.14	3.3	1.68
874	4/8/2007 13:46	14.49	46.499	30.21	8.57	8.14	2.6	1.73
875	4/8/2007 14:01	14.48	46.695	30.35	8.73	8.15	2.7	1.80
876	4/8/2007 14:16	14.11	47.348	30.81	8.91	8.14	2.8	1.87
877	4/8/2007 14:31	13.76	47.655	31.02	8.88	8.13	2.8	1.93
878	4/8/2007 14:46	13.77	47.763	31.1	8.86	8.12	2.7	1.99
879	4/8/2007 15:01	13.74	47.825	31.15	8.82	8.12	2.7	2.05
880	4/8/2007 15:16	13.74	47.853	31.17	8.83	8.12	3.0	2.10
881	4/8/2007 15:31	13.72	47.892	31.19	8.85	8.12	3.8	2.16
882	4/8/2007 15:46	13.72	47.922	31.22	8.84	8.12	2.8	2.21
883	4/8/2007 16:01	13.6	48.038	31.3	8.9	8.11	2.9	2.26
884	4/8/2007 16:16	13.49	48.109	31.34	8.83	8.11	2.7	2.30
885	4/8/2007 16:31	13.46	48.162	31.38	8.84	8.1	2.3	2.34
886	4/8/2007 16:46	13.43	48.251	31.44	8.88	8.11	2.1	2.37
887	4/8/2007 17:01	13.41	48.295	31.48	8.88	8.1	2.2	2.41
888	4/8/2007 17:16	13.39	48.313	31.49	8.77	8.1	1.6	2.42
889	4/8/2007 17:31	13.39	48.325	31.5	8.06	8.05	1.0	2.44
890	4/8/2007 17:46	13.42	48.294	31.47	8.66	8.09	2.0	2.46
891	4/8/2007 18:01	13.39	48.325	31.5	8.63	8.08	2.2	2.44
892	4/8/2007 18:16	13.38	48.318	31.49	8.72	8.08	2.2	2.44
893	4/8/2007 18:31	13.38	48.295	31.47	8.63	8.09	2.2	2.41
894	4/8/2007 18:46	13.38	48.274	31.46	8.48	8.07	1.3	2.40
895	4/8/2007 19:01	13.49	48.094	31.33	8.78	8.11	2.5	2.35
896	4/8/2007 19:16	13.61	47.947	31.23	8.78	8.11	2.2	2.33
897	4/8/2007 19:31	13.71	47.808	31.13	8.84	8.12	1.8	2.30
898	4/8/2007 19:46	13.63	47.964	31.24	8.5	8.09	2.1	2.26
899	4/8/2007 20:01	13.69	47.908	31.2	8.52	8.09	1.9	2.23
900	4/8/2007 20:16	13.73	47.837	31.15	8.59	8.11	2.5	2.20
901	4/8/2007 20:31	13.77	47.781	31.11	8.36	8.09	1.3	2.20
902	4/8/2007 20:46	13.8	47.74	31.09	8.14	8.08	1.1	2.17
903	4/8/2007 21:01	13.83	47.695	31.05	7.92	8.07	1.7	2.14
904	4/8/2007 21:16	13.88	47.617	31	8	8.08	1.4	2.14
905	4/8/2007 21:31	13.86	47.628	31.01	7.99	8.08	0.8	2.15
906	4/8/2007 21:46	13.91	47.558	30.96	8.23	8.11	1.6	2.13
907	4/8/2007 22:01	14.12	47.166	30.68	7.85	8.11	0.6	2.14
908	4/8/2007 22:16	13.99	47.277	30.76	8.45	8.13	1.8	2.16
909	4/8/2007 22:31	13.76	47.76	31.1	8.56	8.11	2.2	2.18
910	4/8/2007 22:46	13.8	47.571	30.96	8.55	8.11	2.1	2.20
911	4/8/2007 23:01	13.75	47.65	31.02	8.6	8.12	2.2	2.23

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
912	4/8/2007 23:16	13.68	47.688	31.04	8.61	8.11	2.1	2.27
913	4/8/2007 23:31	13.57	47.879	31.18	8.56	8.1	2.4	2.30
914	4/8/2007 23:46	13.37	48.105	31.34	8.58	8.09	2.3	2.35
915	4/9/2007 00:01	13.28	48.212	31.41	8.67	8.09	2.2	2.39
916	4/9/2007 00:16	13.21	48.29	31.47	8.71	8.09	2.2	2.43
917	4/9/2007 00:31	13.19	48.279	31.46	8.73	8.09	2.1	2.49
918	4/9/2007 00:46	13.07	48.324	31.48	8.73	8.08	2.4	2.53
919	4/9/2007 01:01	13	48.355	31.5	8.72	8.08	1.9	2.58
920	4/9/2007 01:16	12.87	48.419	31.55	8.7	8.08	2.1	2.63
921	4/9/2007 01:31	12.76	48.562	31.65	8.77	8.08	2.2	2.69
922	4/9/2007 01:46	12.74	48.584	31.66	8.78	8.08	2.1	2.72
923	4/9/2007 02:01	12.69	48.61	31.68	8.74	8.08	1.8	2.77
924	4/9/2007 02:16	12.58	48.738	31.77	8.81	8.08	2.2	2.81
925	4/9/2007 02:31	12.5	48.812	31.82	8.76	8.07	1.7	2.85
926	4/9/2007 02:46	12.46	48.853	31.84	8.7	8.07	1.4	2.89
927	4/9/2007 03:01	12.26	49.069	31.99	8.67	8.05	1.3	2.92
928	4/9/2007 03:16	12.12	49.237	32.11	8.51	8.04	1.2	2.96
929	4/9/2007 03:31	12.04	49.343	32.18	8.23	8.01	1.0	2.98
930	4/9/2007 03:46	12.01	49.376	32.2	7.93	8	0.7	2.99
931	4/9/2007 04:01	12	49.403	32.22	7.23	7.96	0.7	2.99
932	4/9/2007 04:16	12.04	49.421	32.24	8.54	8.03	2.1	2.98
933	4/9/2007 04:31	12.19	49.276	32.14	8.45	8.03	1.6	2.97
934	4/9/2007 04:46	12.39	49.043	31.98	8.63	8.05	1.8	2.95
935	4/9/2007 05:01	12.42	48.981	31.94	8.62	8.05	1.8	2.90
936	4/9/2007 05:16	12.49	48.927	31.9	8.65	8.06	2.7	2.86
937	4/9/2007 05:31	12.65	48.743	31.77	8.57	8.06	2.4	2.80
938	4/9/2007 05:46	12.78	48.412	31.54	8.36	8.06	2.8	2.74
939	4/9/2007 06:01	12.9	48.278	31.44	8.23	8.05	1.9	2.67
940	4/9/2007 06:16	12.9	48.213	31.4	8.24	8.05	2.3	2.59
941	4/9/2007 06:31	12.88	48.221	31.4	8.22	8.05	2.3	2.51
942	4/9/2007 06:46	13.07	48.121	31.34	8.15	8.05	3.0	2.44
943	4/9/2007 07:01	13.2	47.913	31.19	8.16	8.07	3.8	2.36
944	4/9/2007 07:16	13.24	47.802	31.11	8.14	8.07	3.0	2.27
945	4/9/2007 07:31	13.2	47.834	31.13	8.13	8.07	3.8	2.18
946	4/9/2007 07:46	13.58	47.421	30.85	8.05	8.08	3.5	2.09
947	4/9/2007 08:01	13.69	47.263	30.74	8.01	8.08	3.8	2.01
948	4/9/2007 08:16	13.74	47.185	30.68	7.95	8.08	3.5	1.91
949	4/9/2007 08:31	13.78	47.101	30.62	7.95	8.08	3.0	1.81
950	4/9/2007 08:46	13.83	47.026	30.57	7.98	8.09	3.0	1.70
951	4/9/2007 09:01	13.96	46.842	30.44	8	8.1	3.1	1.62
952	4/9/2007 09:16	14.04	46.75	30.38	8.02	8.11	3.0	1.53
953	4/9/2007 09:31	14.11	46.7	30.34	8.07	8.12	2.8	1.43
954	4/9/2007 09:46	14.24	46.648	30.31	8.09	8.12	3.2	1.34
955	4/9/2007 10:01	14.33	46.623	30.29	8.1	8.13	2.7	1.29
956	4/9/2007 10:16	14.4	46.59	30.27	8.07	8.13	2.2	1.23
957	4/9/2007 10:31	14.45	46.571	30.26	8.01	8.12	2.2	1.18
958	4/9/2007 10:46	14.49	46.55	30.24	7.88	8.11	2.1	1.15
959	4/9/2007 11:01	14.61	46.537	30.24	7.2	8.08	1.4	1.15

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
960	4/9/2007 11:16	14.4	46.645	30.31	7.56	8.09	1.1	1.14
961	4/9/2007 11:31	14.32	46.698	30.35	7.46	8.08	1.4	1.13
962	4/9/2007 11:46	14.31	46.696	30.34	7.52	8.09	1.8	1.16
963	4/9/2007 12:01	14.58	46.629	30.3	7.81	8.11	2.5	1.19
964	4/9/2007 12:16	14.48	46.682	30.34	7.83	8.1	1.8	1.22
965	4/9/2007 12:31	14.41	46.697	30.35	7.62	8.09	1.3	1.24
966	4/9/2007 12:46	14.4	46.693	30.34	7.58	8.09	1.8	1.30
967	4/9/2007 13:01	14.6	46.276	30.05	7.77	8.08	2.1	1.33
968	4/9/2007 13:16	14.47	46.514	30.22	7.56	8.08	1.3	1.37
969	4/9/2007 13:31	14.44	46.527	30.23	7.65	8.08	1.9	1.43
970	4/9/2007 13:46	14.39	46.589	30.27	7.57	8.07	1.8	1.50
971	4/9/2007 14:01	14.43	46.515	30.22	7.72	8.08	1.8	1.54
972	4/9/2007 14:16	14.36	46.508	30.21	7.65	8.07	2.0	1.60
973	4/9/2007 14:31	14.3	46.452	30.17	7.67	8.07	1.9	1.67
974	4/9/2007 14:46	14.1	46.661	30.31	7.61	8.06	2.3	1.73
975	4/9/2007 15:01	14.05	46.742	30.37	7.7	8.06	2.2	1.79
976	4/9/2007 15:16	13.98	46.94	30.51	7.8	8.06	2.3	1.85
977	4/9/2007 15:31	14.04	47.018	30.57	7.87	8.07	2.2	1.92
978	4/9/2007 15:46	14.1	46.998	30.56	7.91	8.07	2.1	1.98
979	4/9/2007 16:01	14.22	47.055	30.6	7.99	8.07	2.1	2.04
980	4/9/2007 16:16	14.59	47.049	30.61	8.11	8.08	2.1	2.09
981	4/9/2007 16:31	14.31	47.271	30.76	8.05	8.07	2.1	2.15
982	4/9/2007 16:46	14.04	47.477	30.9	8.04	8.06	1.9	2.19
983	4/9/2007 17:01	14.07	47.475	30.9	8.03	8.06	1.8	2.23
984	4/9/2007 17:16	13.81	47.665	31.03	7.93	8.05	1.3	2.27
985	4/9/2007 17:31	13.84	47.738	31.09	7.99	8.05	1.5	2.32
986	4/9/2007 17:46	13.78	47.798	31.13	7.97	8.04	1.7	2.35
987	4/9/2007 18:01	13.71	47.848	31.16	7.83	8.03	1.1	2.37
988	4/9/2007 18:16	13.69	47.882	31.19	7.64	8.03	1.0	2.40
989	4/9/2007 18:31	13.63	47.962	31.24	7.15	8	0.7	2.42
990	4/9/2007 18:46	13.57	47.985	31.26	6.96	7.99	0.8	2.44
991	4/9/2007 19:01	13.54	48	31.27	6.75	7.96	0.7	2.42
992	4/9/2007 19:16	13.47	47.993	31.26	7.8	8.02	1.5	2.42
993	4/9/2007 19:31	13.55	47.93	31.22	7.79	8.03	1.1	2.44
994	4/9/2007 19:46	13.63	47.86	31.17	7.78	8.02	1.1	2.42
995	4/9/2007 20:01	13.98	47.651	31.03	7.99	8.05	1.3	2.39
996	4/9/2007 20:16	13.81	47.714	31.07	7.8	8.04	1.5	2.36
997	4/9/2007 20:31	13.91	47.62	31	7.96	8.06	1.7	2.33
998	4/9/2007 20:46	13.89	47.619	31	7.85	8.04	1.3	2.32
999	4/9/2007 21:01	14.25	47.487	30.91	8.08	8.08	2.4	2.29
1000	4/9/2007 21:16	14.14	47.431	30.87	7.94	8.06	1.8	2.26
1001	4/9/2007 21:31	14.22	47.349	30.81	7.92	8.06	1.6	2.24
1002	4/9/2007 21:46	14.31	47.275	30.76	7.82	8.06	1.6	2.23
1003	4/9/2007 22:01	14.48	47.181	30.7	8.01	8.08	0.9	2.22
1004	4/9/2007 22:16	14.67	47.102	30.65	8.27	8.11	1.2	2.19
1005	4/9/2007 22:31	14.2	47.369	30.83	7.23	8.02	0.6	2.19
1006	4/9/2007 22:46	14.25	47.381	30.84	7.72	8.06	0.8	2.21
1007	4/9/2007 23:01	14.81	47.164	30.7	8.11	8.13	1.0	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
1008	4/9/2007 23:16	14.62	47.126	30.66	8.16	8.11	1.0	2.22
1009	4/9/2007 23:31	14.39	47.192	30.71	7.94	8.09	1.1	2.23
1010	4/9/2007 23:46	14.37	47.098	30.64	7.71	8.08	0.8	2.25
1011	4/10/2007 00:01	14.43	47.131	30.66	8.25	8.11	1.3	2.28
1012	4/10/2007 00:16	14.15	47.383	30.84	7.93	8.07	1.8	2.29
1013	4/10/2007 00:31	14.09	47.427	30.87	8.03	8.07	1.6	2.33
1014	4/10/2007 00:46	13.75	47.727	31.07	7.84	8.04	2.0	2.35
1015	4/10/2007 01:01	13.39	48.088	31.32	7.92	8.03	2.1	2.38
1016	4/10/2007 01:16	13.23	48.235	31.43	8.01	8.03	1.8	2.43
1017	4/10/2007 01:31	13.29	48.131	31.35	8	8.03	2.4	2.47
1018	4/10/2007 01:46	13.39	47.995	31.26	8.01	8.04	3.4	2.50
1019	4/10/2007 02:01	13.3	48.115	31.34	8.05	8.04	1.7	2.54
1020	4/10/2007 02:16	13.15	48.298	31.47	8.05	8.03	1.5	2.59
1021	4/10/2007 02:31	13.02	48.449	31.57	8.08	8.03	1.6	2.62
1022	4/10/2007 02:46	12.56	49.018	31.97	8.22	8.02	1.5	2.66
1023	4/10/2007 03:01	12.55	49.049	31.99	8.19	8.01	1.3	2.70
1024	4/10/2007 03:16	12.51	49.095	32.02	8.19	8.01	1.2	2.73
1025	4/10/2007 03:31	12.49	49.062	32	8.16	8.01	1.9	2.77
1026	4/10/2007 03:46	12.34	49.229	32.11	8.12	7.99	1.2	2.80
1027	4/10/2007 04:01	12.35	49.195	32.09	8.09	8	1.1	2.83
1028	4/10/2007 04:16	12.3	49.233	32.11	8.09	8	1.4	2.86
1029	4/10/2007 04:31	12.35	49.165	32.07	7.98	8	1.1	2.87
1030	4/10/2007 04:46	12.27	49.269	32.14	7.57	7.97	1.1	2.87
1031	4/10/2007 05:01	12.57	49.007	31.96	7.16	7.95	0.9	2.88
1032	4/10/2007 05:16	12.49	49.032	31.98	7.83	8	1.0	2.88
1033	4/10/2007 05:31	12.75	48.669	31.72	8.1	8.02	1.8	2.87
1034	4/10/2007 05:46	12.55	48.907	31.89	7.91	8	0.9	2.85
1035	4/10/2007 06:01	12.62	48.73	31.76	7.77	7.99	1.0	2.80
1036	4/10/2007 06:16	12.53	48.861	31.85	7.53	7.98	1.3	2.76
1037	4/10/2007 06:31	12.98	47.606	30.96	7.82	8.03	2.0	2.71
1038	4/10/2007 06:46	12.8	47.969	31.22	7.93	8.02	1.8	2.65
1039	4/10/2007 07:01	12.85	47.966	31.22	7.77	8.01	1.4	2.61
1040	4/10/2007 07:16	12.79	47.842	31.13	7.88	8.02	2.1	2.51
1041	4/10/2007 07:31	12.93	47.836	31.13	7.77	8.02	1.9	2.46
1042	4/10/2007 07:46	13.11	47.54	30.92	7.62	8.01	2.3	2.38
1043	4/10/2007 08:01	13.23	47.315	30.76	7.65	8.02	2.9	2.31
1044	4/10/2007 08:16	13.23	47.343	30.78	7.71	8.03	2.6	2.20
1045	4/10/2007 08:31	13.42	47.154	30.65	7.78	8.05	3.9	2.14
1046	4/10/2007 08:46	13.47	47.128	30.63	7.89	8.06	2.6	2.04
1047	4/10/2007 09:01	13.8	46.875	30.46	7.89	8.08	2.9	1.96
1048	4/10/2007 09:16	13.95	46.764	30.38	7.97	8.1	2.6	1.89
1049	4/10/2007 09:31	14.07	46.709	30.35	8.14	8.12	2.5	1.79
1050	4/10/2007 09:46	14.2	46.65	30.31	8.34	8.14	2.6	1.71
1051	4/10/2007 10:01	14.32	46.597	30.27	8.52	8.16	2.9	1.61
1052	4/10/2007 10:16	14.43	46.569	30.26	8.66	8.17	3.1	1.54
1053	4/10/2007 10:31	14.51	46.535	30.23	8.55	8.16	2.5	1.45
1054	4/10/2007 10:46	14.56	46.55	30.25	8.5	8.15	2.1	1.37
1055	4/10/2007 11:01	14.67	46.512	30.22	8.58	8.16	2.7	1.31

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
1056	4/10/2007 11:16	14.75	46.482	30.2	8.5	8.15	1.9	1.26
1057	4/10/2007 11:31	14.88	46.504	30.22	8.46	8.16	1.3	1.21
1058	4/10/2007 11:46	14.7	46.484	30.2	7.56	8.07	0.8	1.18
1059	4/10/2007 12:01	14.83	46.541	30.25	6.87	8.06	0.6	1.15
1060	4/10/2007 12:16	14.52	46.556	30.25	6.99	8.06	1.7	1.14
1061	4/10/2007 12:31	14.58	46.601	30.28	7.74	8.09	2.4	1.14
1062	4/10/2007 12:46	14.91	46.559	30.26	8.03	8.12	2.1	1.14
1063	4/10/2007 13:01	14.99	46.552	30.26	8.09	8.12	1.7	1.15
1064	4/10/2007 13:16	15.04	46.5	30.22	8.05	8.12	1.8	1.18
1065	4/10/2007 13:31	14.56	46.674	30.34	7.78	8.1	1.1	1.20
1066	4/10/2007 13:46	14.7	46.653	30.32	7.84	8.1	1.0	1.23
1067	4/10/2007 14:01	14.52	46.671	30.33	7.79	8.09	1.3	1.27
1068	4/10/2007 14:16	14.72	46.522	30.23	7.93	8.1	1.4	1.32
1069	4/10/2007 14:31	14.64	46.549	30.25	7.79	8.09	1.3	1.37
1070	4/10/2007 14:46	14.59	46.472	30.19	7.81	8.09	1.1	1.41
1071	4/10/2007 15:01	14.51	46.469	30.19	7.89	8.09	1.3	1.49
1072	4/10/2007 15:16	14.44	46.404	30.14	7.91	8.1	2.2	1.55
1073	4/10/2007 15:31	14.34	46.267	30.04	7.83	8.08	1.9	1.60
1074	4/10/2007 15:46	14.18	46.418	30.14	7.74	8.07	2.4	1.67
1075	4/10/2007 16:01	14.03	46.778	30.4	7.76	8.07	2.3	1.74
1076	4/10/2007 16:16	13.98	46.865	30.46	7.76	8.05	1.8	1.81
1077	4/10/2007 16:31	13.91	47.058	30.6	7.81	8.05	1.9	1.86
1078	4/10/2007 16:46	13.97	46.919	30.5	7.83	8.05	2.1	1.92
1079	4/10/2007 17:01	13.79	47.187	30.69	7.82	8.04	2.1	1.99
1080	4/10/2007 17:16	13.82	47.275	30.75	7.78	8.03	2.0	2.05
1081	4/10/2007 17:31	13.7	47.427	30.86	7.7	8.02	1.9	2.09
1082	4/10/2007 17:46	13.86	47.319	30.78	7.76	8.03	2.1	2.14
1083	4/10/2007 18:01	13.9	47.451	30.88	7.84	8.03	1.8	2.20
1084	4/10/2007 18:16	13.69	47.719	31.07	7.82	8.02	1.7	2.24
1085	4/10/2007 18:31	13.46	47.87	31.17	7.8	8.02	1.8	2.29
1086	4/10/2007 18:46	13.15	48.075	31.31	7.75	8.01	1.6	2.34
1087	4/10/2007 19:01	13.12	48.112	31.33	7.75	8.01	1.6	2.37
1088	4/10/2007 19:16	13.05	48.192	31.39	7.67	7.99	1.2	2.41
1089	4/10/2007 19:31	13.01	48.259	31.44	7.46	7.99	1.4	2.44
1090	4/10/2007 19:46	12.96	48.32	31.48	7.38	7.98	1.2	2.47
1091	4/10/2007 20:01	12.95	48.365	31.51	6.85	7.95	0.8	2.46
1092	4/10/2007 20:16	13	48.284	31.45	7.45	7.99	1.3	2.47
1093	4/10/2007 20:31	12.95	48.374	31.52	7.53	7.99	1.4	2.49
1094	4/10/2007 20:46	12.95	48.367	31.51	7.73	7.99	1.2	2.48
1095	4/10/2007 21:01	13.01	48.287	31.46	7.75	8	1.8	2.47
1096	4/10/2007 21:16	13.11	48.172	31.38	7.67	8	1.2	2.43
1097	4/10/2007 21:31	13.22	48.056	31.3	7.57	7.99	1.1	2.42
1098	4/10/2007 21:46	13.22	48.044	31.29	7.75	8.01	1.4	2.39
1099	4/10/2007 22:01	13.22	48.04	31.28	7.63	7.99	1.1	2.36
1100	4/10/2007 22:16	13.27	47.975	31.24	7.71	8	1.1	2.31
1101	4/10/2007 22:31	13.38	47.836	31.14	7.78	8.01	1.9	2.29
1102	4/10/2007 22:46	13.53	47.704	31.05	7.85	8.03	1.6	2.26
1103	4/10/2007 23:01	13.85	47.452	30.88	7.97	8.04	1.3	2.21

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
1104	4/10/2007 23:16	13.91	47.44	30.87	8	8.05	1.3	2.19
1105	4/10/2007 23:31	14.05	47.341	30.8	7.87	8.04	0.9	2.17
1106	4/10/2007 23:46	14.07	47.353	30.81	7.15	8	0.6	2.16
1107	4/11/2007 00:01	14.04	46.966	30.53	7.72	8.02	1.1	2.13
1108	4/11/2007 00:16	14.04	46.882	30.47	7.57	8.02	0.9	2.15
1109	4/11/2007 00:31	14.17	47.032	30.58	7.52	8.04	0.8	2.14
1110	4/11/2007 00:46	14.08	46.998	30.56	7.73	8.04	1.0	2.15
1111	4/11/2007 01:01	13.8	47.269	30.75	7.35	8.01	1.3	2.16
1112	4/11/2007 01:16	13.69	47.497	30.91	7.68	8.02	1.6	2.20
1113	4/11/2007 01:31	13.47	47.753	31.09	7.56	8	1.3	2.21
1114	4/11/2007 01:46	13.52	47.71	31.06	7.69	8.01	1.6	2.24
1115	4/11/2007 02:01	13.45	47.791	31.11	7.62	8.01	1.7	2.26
1116	4/11/2007 02:16	13.19	48.068	31.3	7.58	7.99	2.1	2.30
1117	4/11/2007 02:31	13.06	48.279	31.45	7.75	8	1.9	2.33
1118	4/11/2007 02:46	13.05	48.25	31.43	7.82	8	1.9	2.36
1119	4/11/2007 03:01	13.06	48.232	31.42	7.83	8	2.1	2.39
1120	4/11/2007 03:16	13.1	48.162	31.37	7.87	8.01	2.0	2.43
1121	4/11/2007 03:31	13.04	48.267	31.44	7.93	8.01	1.9	2.48
1122	4/11/2007 03:46	12.99	48.256	31.43	7.93	8.01	1.8	2.52
1123	4/11/2007 04:01	12.85	48.47	31.58	7.96	8	1.8	2.56
1124	4/11/2007 04:16	12.73	48.58	31.66	7.95	8	2.0	2.60
1125	4/11/2007 04:31	12.67	48.572	31.65	7.97	8	2.2	2.64
1126	4/11/2007 04:46	12.53	48.726	31.75	7.98	7.99	1.9	2.67
1127	4/11/2007 05:01	12.19	49.143	32.04	8.11	7.97	2.2	2.73
1128	4/11/2007 05:16	12.22	49.027	31.96	8.12	7.97	2.2	2.77
1129	4/11/2007 05:31	12.22	49.014	31.95	8.03	7.96	2.0	2.79
1130	4/11/2007 05:46	11.92	49.43	32.24	7.68	7.93	1.7	2.82
1131	4/11/2007 06:01	11.92	49.42	32.23	6.95	7.87	0.9	2.82
1132	4/11/2007 06:16	11.85	49.515	32.3	7.45	7.9	1.3	2.84
1133	4/11/2007 06:31	11.88	49.5	32.29	8.07	7.93	2.1	2.82
1134	4/11/2007 06:46	12.07	49.267	32.13	8.17	7.96	2.7	2.81
1135	4/11/2007 07:01	12.39	48.602	31.66	7.89	7.96	1.4	2.77
1136	4/11/2007 07:16	12.16	49.116	32.02	8.04	7.96	2.7	2.73
1137	4/11/2007 07:31	12.66	48.055	31.27	7.95	7.99	3.0	2.69
1138	4/11/2007 07:46	12.62	48.222	31.39	7.94	7.98	2.6	2.63
1139	4/11/2007 08:01	12.57	48.334	31.47	7.92	7.98	2.5	2.57
1140	4/11/2007 08:16	12.6	48.323	31.47	7.94	7.98	2.4	2.51
1141	4/11/2007 08:31	12.7	48.145	31.34	7.89	7.98	2.2	2.46
1142	4/11/2007 08:46	12.88	48.028	31.26	7.49	7.96	2.1	2.38
1143	4/11/2007 09:01	12.94	47.841	31.13	7.52	7.96	2.5	2.32
1144	4/11/2007 09:16	13.05	47.667	31.01	7.54	7.97	2.1	2.24
1145	4/11/2007 09:31	13.17	47.504	30.89	7.66	7.98	2.7	2.19
1146	4/11/2007 09:46	13.32	47.336	30.78	7.69	7.99	2.9	2.10
1147	4/11/2007 10:01	13.37	47.206	30.69	7.76	8	2.8	2.02
1148	4/11/2007 10:16	13.52	47.065	30.59	7.81	8.02	3.2	1.94
1149	4/11/2007 10:31	13.68	46.939	30.5	7.89	8.04	3.0	1.85
1150	4/11/2007 10:46	13.83	46.837	30.43	8.03	8.06	3.2	1.76
1151	4/11/2007 11:01	13.8	46.92	30.49	8.12	8.06	3.3	1.67

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc		Turbidity+	Depth
			mS/cm	ppt	mg/L	pH	NTU	
1152	4/11/2007 11:16	13.97	46.739	30.37	8.28	8.08	3.0	1.57
1153	4/11/2007 11:31	14.11	46.621	30.29	8.37	8.1	2.9	1.47
1154	4/11/2007 11:46	14.14	46.608	30.28	8.47	8.11	2.9	1.39
1155	4/11/2007 12:01	14.13	46.62	30.29	8.48	8.1	2.9	1.31
1156	4/11/2007 12:16	14.17	46.592	30.27	8.53	8.1	2.9	1.25
1157	4/11/2007 12:31	14.23	46.546	30.23	8.44	8.1	2.6	1.18
1158	4/11/2007 12:46	14.24	46.562	30.25	8.33	8.09	2.2	1.13
1159	4/11/2007 13:01	14.23	46.59	30.27	7.99	8.08	1.2	1.11
1160	4/11/2007 13:16	14.23	46.607	30.28	6.96	8.03	1.9	1.10
1161	4/11/2007 13:31	14.07	46.769	30.39	6.84	8.01	1.0	1.08
1162	4/11/2007 13:46	14.03	46.782	30.4	7.11	8.02	1.3	1.09
1163	4/11/2007 14:01	14.3	46.619	30.29	7.85	8.06	2.6	1.12
1164	4/11/2007 14:16	14.28	46.644	30.31	7.84	8.06	1.9	1.14
1165	4/11/2007 14:31	14.18	46.673	30.33	7.73	8.05	1.4	1.18
1166	4/11/2007 14:46	14.17	46.675	30.33	7.59	8.04	2.1	1.21
1167	4/11/2007 15:01	14.29	46.208	29.99	7.87	8.06	3.0	1.28
1168	4/11/2007 15:16	14.19	46.36	30.1	7.74	8.04	2.5	1.32
1169	4/11/2007 15:31	14.07	46.358	30.09	7.67	8.03	1.8	1.37
1170	4/11/2007 15:46	14.01	46.453	30.16	7.56	8.03	1.9	1.42
1171	4/11/2007 16:01	14	46.503	30.2	7.59	8.03	2.4	1.49
1172	4/11/2007 16:16	13.95	46.35	30.09	7.61	8.03	3.4	1.55
1173	4/11/2007 16:31	13.98	46.284	30.04	7.59	8.03	3.2	1.61
1174	4/11/2007 16:46	14.01	46.415	30.13	7.76	8.03	3.0	1.68
1175	4/11/2007 17:01	13.92	46.615	30.28	7.73	8.03	3.2	1.74
1176	4/11/2007 17:16	13.88	46.771	30.39	7.72	8.02	3.5	1.81
1177	4/11/2007 17:31	13.72	47.05	30.58	7.71	8.01	3.6	1.89
1178	4/11/2007 17:46	13.32	47.527	30.92	7.47	7.97	3.4	1.94
1179	4/11/2007 18:01	13.32	47.583	30.96	7.53	7.98	4.1	2.02
1180	4/11/2007 18:16	13.35	47.597	30.97	7.56	7.98	4.5	2.08
1181	4/11/2007 18:31	13.28	47.663	31.01	7.49	7.97	6.1	2.14
1182	4/11/2007 18:46	13.21	47.779	31.09	7.51	7.97	6.5	2.20
1183	4/11/2007 19:01	13.12	47.882	31.17	7.48	7.96	6.9	2.27
1184	4/11/2007 19:16	12.98	48.01	31.25	7.52	7.96	9.2	2.33
1185	4/11/2007 19:31	12.87	48.14	31.34	7.53	7.95	8.4	2.37
1186	4/11/2007 19:46	12.84	48.164	31.36	7.52	7.95	4.9	2.43
1187	4/11/2007 20:01	12.76	48.254	31.42	7.57	7.95	4.2	2.48
1188	4/11/2007 20:16	12.72	48.309	31.46	7.57	7.95	3.3	2.51
1189	4/11/2007 20:31	12.7	48.386	31.52	7.43	7.94	2.2	2.54
1190	4/11/2007 20:46	12.69	48.409	31.53	7	7.91	1.3	2.57
1191	4/11/2007 21:01	12.69	48.433	31.55	6.17	7.85	1.5	2.59
1192	4/11/2007 21:16	12.7	48.419	31.54	7.18	7.92	1.9	2.59
1193	4/11/2007 21:31	12.71	48.411	31.53	7.34	7.92	1.8	2.58
1194	4/11/2007 21:46	12.67	48.441	31.55	7.65	7.94	3.7	2.58
1195	4/11/2007 22:01	12.68	48.386	31.51	7.61	7.94	2.9	2.53
1196	4/11/2007 22:16	12.72	48.268	31.43	7.61	7.95	4.7	2.51
1197	4/11/2007 22:31	12.72	48.131	31.33	7.53	7.94	3.8	2.46
1198	4/11/2007 22:46	12.75	47.918	31.18	7.39	7.92	4.6	2.42
1199	4/11/2007 23:01	12.94	47.699	31.03	7.88	7.99	4.4	2.37

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
1200	4/11/2007 23:16	12.99	47.663	31	7.7	7.97	4.6	2.32
1201	4/11/2007 23:31	13	47.641	30.99	7.68	7.96	4.3	2.27
1202	4/11/2007 23:46	13.03	47.577	30.94	7.7	7.97	3.9	2.22
1203	4/12/2007 00:01	13	47.541	30.92	7.67	7.96	4.5	2.18
1204	4/12/2007 00:16	13.03	47.499	30.89	7.64	7.96	3.7	2.15
1205	4/12/2007 00:31	13.06	47.409	30.82	7.65	7.98	2.7	2.13
1206	4/12/2007 00:46	13.08	47.285	30.73	7.74	7.98	3.4	2.08
1207	4/12/2007 01:01	13.06	47.232	30.69	7.7	7.98	3.0	2.07
1208	4/12/2007 01:16	13.06	47.185	30.66	7.54	7.97	2.7	2.05
1209	4/12/2007 01:31	13.09	47.18	30.66	7.26	7.94	1.3	2.05
1210	4/12/2007 01:46	13.07	47.214	30.68	5.82	7.85	1.2	2.02
1211	4/12/2007 02:01	12.96	47.313	30.75	6.1	7.89	1.0	2.03
1212	4/12/2007 02:16	12.91	47.314	30.75	7.03	7.94	1.5	2.04
1213	4/12/2007 02:31	12.97	47.247	30.7	7.25	7.95	1.6	2.05
1214	4/12/2007 02:46	13.01	47.247	30.7	7.13	7.95	1.3	2.08
1215	4/12/2007 03:01	12.99	47.275	30.72	7.26	7.96	1.7	2.12
1216	4/12/2007 03:16	13.03	47.333	30.77	7.37	7.96	2.1	2.13
1217	4/12/2007 03:31	13.02	47.361	30.79	7.37	7.96	3.2	2.16
1218	4/12/2007 03:46	12.98	47.424	30.83	7.4	7.96	2.9	2.20
1219	4/12/2007 04:01	12.96	47.436	30.84	7.41	7.95	2.9	2.24
1220	4/12/2007 04:16	12.93	47.387	30.8	7.46	7.95	3.8	2.29
1221	4/12/2007 04:31	12.96	47.446	30.84	7.53	7.97	4.1	2.33
1222	4/12/2007 04:46	12.81	47.382	30.79	7.48	7.96	3.5	2.38
1223	4/12/2007 05:01	12.77	47.472	30.86	7.58	7.97	3.7	2.43
1224	4/12/2007 05:16	12.72	47.621	30.96	7.57	7.96	3.3	2.48
1225	4/12/2007 05:31	12.63	47.723	31.03	7.66	7.96	3.7	2.51
1226	4/12/2007 05:46	12.51	47.991	31.22	7.66	7.95	3.5	2.57
1227	4/12/2007 06:01	12.44	48.11	31.3	7.7	7.95	4.0	2.61
1228	4/12/2007 06:16	12.31	48.41	31.52	7.71	7.94	3.9	2.65
1229	4/12/2007 06:31	12.29	48.364	31.48	7.7	7.94	2.9	2.70
1230	4/12/2007 06:46	12.24	48.391	31.5	7.7	7.94	2.9	2.74
1231	4/12/2007 07:01	12.15	48.602	31.65	7.41	7.92	2.4	2.76
1232	4/12/2007 07:16	12.01	48.902	31.86	7.38	7.9	1.9	2.79
1233	4/12/2007 07:31	11.99	48.988	31.92	6.9	7.86	1.6	2.80
1234	4/12/2007 07:46	12.07	48.874	31.84	7.16	7.88	2.1	2.80
1235	4/12/2007 08:01	12.01	49.046	31.96	7.69	7.91	3.3	2.80
1236	4/12/2007 08:16	12.14	48.861	31.84	7.47	7.89	1.8	2.78
1237	4/12/2007 08:31	12.12	48.895	31.86	7.58	7.91	2.6	2.77
1238	4/12/2007 08:46	12.15	48.798	31.79	7.47	7.89	2.4	2.71
1239	4/12/2007 09:01	12.22	48.554	31.62	7.43	7.91	3.2	2.66
1240	4/12/2007 09:16	12.3	48.252	31.4	7.51	7.92	3.0	2.60
1241	4/12/2007 09:31	12.39	48.178	31.35	7.41	7.91	3.6	2.54
1242	4/12/2007 09:46	12.46	48.046	31.26	7.52	7.92	3.6	2.46
1243	4/12/2007 10:01	12.6	47.805	31.09	7.52	7.92	2.9	2.38
1244	4/12/2007 10:16	12.77	47.586	30.94	7.37	7.9	2.1	2.30
1245	4/12/2007 10:31	12.93	47.456	30.85	7.59	7.94	2.1	2.22
1246	4/12/2007 10:46	13.13	47.375	30.8	8.03	7.98	4.5	2.13
1247	4/12/2007 11:01	13.25	47.186	30.67	8.25	8.01	4.4	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	
1248	4/12/2007 11:16	13.33	46.972	30.52	8.22	8.01	4.2	1.93	
1249	4/12/2007 11:31	13.43	46.883	30.45	8.36	8.03	3.8	1.84	
1250	4/12/2007 11:46	13.59	46.919	30.49	8.67	8.05	4.3	1.73	
1251	4/12/2007 12:01	13.81	47.049	30.59	8.97	8.07	3.2	1.63	
1252	4/12/2007 12:16	13.96	46.852	30.45	9.04	8.1	3.9	1.53	
1253	4/12/2007 12:31	13.98	46.593	30.26	9.08	8.11	4.3	1.43	
1254	4/12/2007 12:46	14.04	46.491	30.19	8.93	8.12	3.3	1.34	
1255	4/12/2007 13:01	14.19	46.462	30.17	9.04	8.12	3.3	1.24	
1256	4/12/2007 13:16	14.1	46.41	30.13	8.84	8.11	2.5	1.17	
1257	4/12/2007 13:31	14.14	46.345	30.09	8.73	8.11	2.7	1.10	
1258	4/12/2007 13:46	14.23	46.333	30.08	8.53	8.09	1.8	1.06	
1259	4/12/2007 14:01	14.36	46.338	30.09	8.21	8.05	1.1	1.02	
1260	4/12/2007 14:16	14.39	46.395	30.13	7.15	8.01	1.0	0.99	
1261	4/12/2007 14:31	14.36	46.515	30.22	7.88	8.08	1.6	1.01	
1262	4/12/2007 14:46	13.95	46.504	30.2	8.27	8.06	1.3	1.01	
1263	4/12/2007 15:01	14.01	46.45	30.16	8.32	8.07	2.2	1.04	
1264	4/12/2007 15:16	14.07	46.496	30.19	8.48	8.08	2.6	1.07	
1265	4/12/2007 15:31	14.22	46.375	30.11	8.53	8.09	2.1	1.12	
1266	4/12/2007 15:46	14.16	46.443	30.16	8.39	8.08	1.3	1.16	
1267	4/12/2007 16:01	14.23	46.292	30.05	8.32	8.07	2.6	1.21	
1268	4/12/2007 16:16	14.18	46.216	30	8.34	8.06	1.6	1.27	
1269	4/12/2007 16:31	14.13	46.162	29.96	8.33	8.07	2.3	1.33	
1270	4/12/2007 16:46	14.09	46.23	30	8.34	8.07	2.0	1.39	
1271	4/12/2007 17:01	14.01	46.363	30.1	8.33	8.06	2.4	1.47	
1272	4/12/2007 17:16	13.91	46.371	30.1	8.31	8.05	3.2	1.54	
1273	4/12/2007 17:31	13.68	46.445	30.15	8.22	8.04	3.0	1.62	
1274	4/12/2007 17:46	13.64	46.365	30.09	8.07	8.01	3.1	1.71	
1275	4/12/2007 18:01	13.44	46.692	30.32	7.91	7.99	3.2	1.78	
1276	4/12/2007 18:16	13.35	46.804	30.39	7.91	7.98	3.2	1.87	
1277	4/12/2007 18:31	13.41	46.669	30.3	8.02	7.99	3.9	1.95	
1278	4/12/2007 18:46	13.3	47.011	30.54	7.85	7.97	3.6	2.03	
1279	4/12/2007 19:01	13.19	47.22	30.69	7.7	7.96	3.5	2.11	
1280	4/12/2007 19:16	13.18	47.103	30.61	7.77	7.96	4.1	2.18	
1281	4/12/2007 19:31	13.06	47.249	30.71	7.71	7.95	3.5	2.25	
1282	4/12/2007 19:46	12.95	47.425	30.83	7.59	7.94	4.5	2.32	
1283	4/12/2007 20:01	12.81	47.798	31.09	7.35	7.91	5.2	2.38	
1284	4/12/2007 20:16	12.78	47.864	31.14	7.35	7.91	5.3	2.45	
1285	4/12/2007 20:31	12.75	47.923	31.18	7.39	7.91	5.0	2.51	
1286	4/12/2007 20:46	12.68	48.049	31.27	7.46	7.9	4.0	2.56	
1287	4/12/2007 21:01	12.61	48.176	31.36	7.44	7.89	3.5	2.60	
1288	4/12/2007 21:16	12.56	48.27	31.43	7.23	7.88	2.7	2.63	
1289	4/12/2007 21:31	12.45	48.413	31.52	7.26	7.87	2.5	2.68	
1290	4/12/2007 21:46	12.4	48.509	31.59	6.83	7.83	1.3	2.69	
1291	4/12/2007 22:01	12.5	48.347	31.48	6.69	7.84	1.8	2.71	
1292	4/12/2007 22:16	12.42	48.489	31.58	7.34	7.86	2.0	2.71	
1293	4/12/2007 22:31	12.41	48.503	31.59	7.41	7.85	2.5	2.68	
1294	4/12/2007 22:46	12.48	48.367	31.49	7.32	7.86	2.1	2.65	
1295	4/12/2007 23:01	12.62	47.55	30.91	7.78	7.99	5.5	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
1296	4/12/2007 23:16	12.69	47.666	30.99	7.55	7.93	3.7	2.55
1297	4/12/2007 23:31	12.69	47.437	30.83	7.63	7.95	5.4	2.50
1298	4/12/2007 23:46	12.8	47.404	30.81	7.65	7.94	4.1	2.41
1299	4/13/2007 00:01	12.68	47.576	30.93	7.52	7.92	3.8	2.35
1300	4/13/2007 00:16	12.75	47.5	30.88	7.57	7.93	4.3	2.28
1301	4/13/2007 00:31	12.82	47.215	30.67	7.64	7.94	4.1	2.22
1302	4/13/2007 00:46	12.71	46.861	30.41	7.63	7.93		2.15
1303	4/13/2007 01:01	12.72	46.749	30.33	7.61	7.93	3.9	2.09
1304	4/13/2007 01:16	12.8	46.446	30.12	7.64	7.94		2.03
1305	4/13/2007 01:31	12.8	46.306	30.02	7.7	7.96	3.3	1.97
1306	4/13/2007 01:46	12.86	46.278	30	7.67	7.96	3.0	1.92
1307	4/13/2007 02:01	12.83	46.315	30.03	7.66	7.96	2.8	1.86
1308	4/13/2007 02:16	12.93	46.276	30	7.6	7.97	2.5	1.84
1309	4/13/2007 02:31	12.94	46.205	29.95	7.33	7.94	1.8	1.80
1310	4/13/2007 02:46	12.9	46.321	30.03	5.71	7.84	1.3	1.78
1311	4/13/2007 03:01	12.8	46.36	30.06	6.13	7.88	1.2	1.78
1312	4/13/2007 03:16	12.7	46.245	29.97	7	7.93	1.6	1.78
1313	4/13/2007 03:31	12.85	46.208	29.95	7.32	7.97	2.0	1.80
1314	4/13/2007 03:46	12.77	46.354	30.05	7.32	7.94	2.7	1.82
1315	4/13/2007 04:01	12.88	46.57	30.21	7.38	7.93	3.7	1.86
1316	4/13/2007 04:16	12.73	46.21	29.95	7.47	7.94	3.8	1.92
1317	4/13/2007 04:31	12.72	45.86	29.69	7.54	7.95	3.8	1.97
1318	4/13/2007 04:46	12.79	46.098	29.87	7.47	7.93	3.9	2.02
1319	4/13/2007 05:01	12.82	46.457	30.13	7.38	7.93	3.7	2.08
1320	4/13/2007 05:16	12.74	46.654	30.27	7.37	7.92	3.3	2.14
1321	4/13/2007 05:31	12.72	46.823	30.39	7.35	7.91	3.3	2.18
1322	4/13/2007 05:46	12.63	47.218	30.67	7.32	7.91	4.3	2.24
1323	4/13/2007 06:01	12.55	47.428	30.82	7.36	7.9	4.3	2.29
1324	4/13/2007 06:16	12.51	47.643	30.97	7.41	7.9	5.1	2.35
1325	4/13/2007 06:31	12.41	47.635	30.96	7.52	7.9	6.0	2.41
1326	4/13/2007 06:46	12.35	47.945	31.18	7.46	7.9	5.4	2.46
1327	4/13/2007 07:01	12.3	48.108	31.3	7.5	7.89	5.7	2.52
1328	4/13/2007 07:16	12.21	48.428	31.53	7.49	7.89	5.9	2.58
1329	4/13/2007 07:31	12.13	48.532	31.6	7.52	7.88	5.3	2.64
1330	4/13/2007 07:46	12.1	48.591	31.64	7.5	7.88	4.3	2.69
1331	4/13/2007 08:01	12.05	48.657	31.68	7.44	7.87	4.5	2.75
1332	4/13/2007 08:16	11.97	48.779	31.77	7.37	7.87	4.2	2.79
1333	4/13/2007 08:31	11.9	48.85	31.82	7.22	7.86	4.1	2.82
1334	4/13/2007 08:46	11.89	48.861	31.82	6.88	7.83	1.9	2.85
1335	4/13/2007 09:01	11.88	48.905	31.86	5.83	7.75	2.7	2.86
1336	4/13/2007 09:16	11.87	48.88	31.84	7.46	7.87	3.9	2.86
1337	4/13/2007 09:31	11.81	48.948	31.88	7.53	7.87	4.2	2.85
1338	4/13/2007 09:46	11.85	48.643	31.67	7.48	7.87	3.2	2.80
Mean		12.85	47.20	30.66	9.48	8.12	4.7	2.09
Standard Dev.		1.12	1.36	0.96	1.51	0.11	3.2	0.57

Values in bold red type indicate exceedance of established applicable criteria

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

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	4/13/2007 10:01	12.13	47.238	30.66	7.13	7.88		2.16
1	4/13/2007 10:16	12.28	46.546	30.17	6.7	7.86		2.08
2	4/13/2007 10:31	12.15	46.496	30.13	6.13	7.85		2.01
3	4/13/2007 10:46	12.25	46.45	30.1	5.99	7.85	29.1	1.93
4	4/13/2007 11:01	12.38	46.408	30.08	5.99	7.84	23.7	1.84
5	4/13/2007 11:16	12.48	46.318	30.01	5.85	7.86	23.2	1.75
6	4/13/2007 11:31	12.63	46.193	29.93	5.79	7.87	16.3	1.64
7	4/13/2007 11:46	12.77	46.164	29.91	5.87	7.88	14.0	1.56
8	4/13/2007 12:01	12.97	45.965	29.78	6.14	7.91	10.3	1.45
9	4/13/2007 12:16	13.11	45.943	29.77	6.72	7.95	7.8	1.35
10	4/13/2007 12:31	13.05	45.571	29.5	5.72	7.88	9.8	1.24
11	4/13/2007 12:46	13.17	45.453	29.42	5.71	7.88	10.3	1.12
12	4/13/2007 13:01	13.63	45.138	29.2	6.18	7.9	6.3	1.02
13	4/13/2007 13:16	13.48	45.19	29.24	5.77	7.88	7.7	0.91
14	4/13/2007 13:31	13.66	45.076	29.16	5.51	7.87	8.1	0.80
15	4/13/2007 13:46	13.67	44.98	29.09	5.41	7.84	9.0	0.70
16	4/13/2007 14:01	13.75	44.64	28.85	5.4	7.83	8.7	0.60
17	4/13/2007 14:16	13.82	44.475	28.73	5.41	7.82	9.3	0.53
18	4/13/2007 14:31	14	44.323	28.63	6.02	7.87	8.9	0.44
19	4/13/2007 14:46	14.01	44.218	28.55	5.58	7.8	8.3	0.39
20	4/13/2007 15:01	14.15	44.225	28.56	6.09	7.83	8.9	0.37
21	4/13/2007 15:16	14.23	44.219	28.56	6.08	7.82	8.5	0.35
22	4/13/2007 15:31	14.29	44.299	28.62	5.92	7.81	9.0	0.34
23	4/13/2007 15:46	14.36	44.463	28.74	6.24	7.85	5.1	0.37
24	4/13/2007 16:01	14.45	45.275	29.32	6.79	7.99	6.6	0.41
25	4/13/2007 16:16	14.47	45.444	29.45	6.88	8.01	3.5	0.46
26	4/13/2007 16:31	14.43	44.739	28.94	7.9	8.1	4.0	0.51
27	4/13/2007 16:46	14.39	44.607	28.84	7.96	8.1	3.1	0.57
28	4/13/2007 17:01	14.38	44.478	28.75	7.85	8.1	2.8	0.65
29	4/13/2007 17:16	14.33	44.514	28.77	7.84	8.09	3.4	0.71
30	4/13/2007 17:31	14.29	44.49	28.76	7.55	8.07	2.1	0.79
31	4/13/2007 17:46	14.09	44.536	28.78	7.71	8.08	4.3	0.85
32	4/13/2007 18:01	14.07	44.542	28.79	7.51	8.07	2.5	0.94
33	4/13/2007 18:16	14.02	44.602	28.83	7.69	8.07	2.0	1.03
34	4/13/2007 18:31	13.98	44.706	28.9	7.68	8.07	2.6	1.12
35	4/13/2007 18:46	13.87	44.991	29.11	7.52	8.05	2.3	1.20
36	4/13/2007 19:01	13.71	45.548	29.5	7.42	8.03	2.1	1.29
37	4/13/2007 19:16	13.48	46.639	30.28	7.31	8	3.1	1.38
38	4/13/2007 19:31	13.38	47.123	30.63	7.26	7.98	10.9	1.47
39	4/13/2007 19:46	13.29	47.502	30.9	7.33	7.98	14.8	1.54
40	4/13/2007 20:01	13.23	47.607	30.97	7.34	7.98	7.4	1.63
41	4/13/2007 20:16	13.09	47.734	31.06	7.31	7.96	5.0	1.71
42	4/13/2007 20:31	13	47.902	31.18	7.28	7.96	4.8	1.79
43	4/13/2007 20:46	12.9	48.093	31.31	7.24	7.95	5.4	1.86
44	4/13/2007 21:01	12.79	48.207	31.39	7.2	7.94	4.3	1.94
45	4/13/2007 21:16	12.68	48.497	31.59	7.19	7.93	3.7	2.01
46	4/13/2007 21:31	12.54	48.676	31.72	7.14	7.92	2.7	2.08
47	4/13/2007 21:46	12.4	48.943	31.91	7.12	7.91	2.5	2.14

sonde #2		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	4/13/2007 22:01	12.27	49.132	32.04	7.09	7.91	1.6	2.21
49	4/13/2007 22:16	12.22	49.199	32.08	7.05	7.9	1.5	2.24
50	4/13/2007 22:31	12.18	49.257	32.12	7	7.89	1.4	2.26
51	4/13/2007 22:46	12.15	49.312	32.16	6.87	7.89	1.0	2.29
52	4/13/2007 23:01	12.15	49.316	32.17	6.81	7.88	1.0	2.26
53	4/13/2007 23:16	12.15	49.232	32.11	6.76	7.89	1.0	2.23
54	4/13/2007 23:31	12.29	48.885	31.86	6.98	7.88	2.9	2.17
55	4/13/2007 23:46	12.46	48.63	31.68	6.84	7.92	2.8	2.10
56	4/14/2007 00:01	12.65	48.393	31.52	6.89	7.92	4.1	2.02
57	4/14/2007 00:16	12.61	48.285	31.44	6.68	7.9	2.3	1.92
58	4/14/2007 00:31	12.66	48.062	31.28	6.66	7.91	3.7	1.84
59	4/14/2007 00:46	12.73	47.985	31.23	6.72	7.92	2.7	1.74
60	4/14/2007 01:01	12.77	47.784	31.08	6.77	7.92	3.1	1.65
61	4/14/2007 01:16	12.98	47.725	31.05	6.86	7.94	2.9	1.56
62	4/14/2007 01:31	13.07	47.541	30.92	6.83	7.94	3.5	1.47
63	4/14/2007 01:46	13.04	47.135	30.62	6.85	7.95	2.9	1.39
64	4/14/2007 02:01	13.03	46.396	30.09	6.76	7.96	2.4	1.30
65	4/14/2007 02:16	13.02	45.797	29.66	6.68	7.97	1.9	1.22
66	4/14/2007 02:31	13.06	45.343	29.33	6.72	7.98	1.6	1.14
67	4/14/2007 02:46	13.1	45.171	29.21	6.78	7.98	2.1	1.06
68	4/14/2007 03:01	13.13	45.024	29.11	6.77	7.98	2.2	0.99
69	4/14/2007 03:16	13.16	44.891	29.01	6.77	7.97	2.2	0.94
70	4/14/2007 03:31	13.19	44.88	29.01	6.74	7.96	2.2	0.90
71	4/14/2007 03:46	13.22	44.899	29.02	6.7	7.96	2.3	0.87
72	4/14/2007 04:01	13.24	44.881	29.01	6.65	7.95	2.0	0.87
73	4/14/2007 04:16	13.25	44.892	29.02	6.3	7.93	1.4	0.89
74	4/14/2007 04:31	13.26	44.924	29.04	6.22	7.93	1.3	0.90
75	4/14/2007 04:46	13.29	44.97	29.07	5.75	7.88	0.4	0.95
76	4/14/2007 05:01	13.33	45.639	29.56	5.82	7.89	0.6	1.01
77	4/14/2007 05:16	13.32	46.432	30.13	6.67	7.94	1.2	1.07
78	4/14/2007 05:31	13.29	46.448	30.14	6.77	7.96	1.6	1.14
79	4/14/2007 05:46	13.28	46.436	30.13	6.54	7.94	1.0	1.22
80	4/14/2007 06:01	13.27	46.578	30.23	6.56	7.93	1.2	1.31
81	4/14/2007 06:16	13.24	46.876	30.44	6.65	7.94	1.2	1.39
82	4/14/2007 06:31	13.2	46.958	30.5	6.55	7.93	1.4	1.46
83	4/14/2007 06:46	13.11	47.203	30.68	6.41	7.91	1.4	1.53
84	4/14/2007 07:01	13.01	47.482	30.87	6.41	7.9	1.2	1.61
85	4/14/2007 07:16	12.96	47.593	30.95	6.42	7.89	1.0	1.68
86	4/14/2007 07:31	12.92	47.691	31.02	6.32	7.88	1.6	1.74
87	4/14/2007 07:46	12.87	47.982	31.23	6.41	7.88	0.8	1.80
88	4/14/2007 08:01	12.82	48.203	31.39	6.49	7.88	1.2	1.88
89	4/14/2007 08:16	12.75	48.343	31.49	6.56	7.88	1.0	1.93
90	4/14/2007 08:31	12.62	48.583	31.66	6.67	7.88	1.5	2.01
91	4/14/2007 08:46	12.47	48.741	31.76	6.76	7.89	1.7	2.08
92	4/14/2007 09:01	12.41	48.792	31.8	6.69	7.88	1.3	2.15
93	4/14/2007 09:16	12.35	48.772	31.78	6.61	7.88	0.9	2.20
94	4/14/2007 09:31	12.3	48.85	31.83	6.56	7.87	0.7	2.26
95	4/14/2007 09:46	12.24	48.886	31.86	6.5	7.86	0.6	2.31

sonde #2		Indian Island Long-Term Deployment				Water Quality Data		TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	4/14/2007 10:01	12.22	48.822	31.81	6.4	7.85	0.4	2.33
97	4/14/2007 10:16	12.19	48.841	31.82	6.23	7.84	0.6	2.34
98	4/14/2007 10:31	12.17	48.879	31.85	6.25	7.84	0.6	2.33
99	4/14/2007 10:46	12.15	48.896	31.86	6.22	7.84	0.6	2.30
100	4/14/2007 11:01	12.23	48.731	31.75	6.44	7.86	2.3	2.24
101	4/14/2007 11:16	12.46	48.527	31.61	6.66	7.88	3.2	2.17
102	4/14/2007 11:31	12.67	48.424	31.54	6.74	7.89	2.9	2.10
103	4/14/2007 11:46	12.66	48.378	31.51	6.65	7.88	3.2	1.99
104	4/14/2007 12:01	12.59	48.175	31.36	6.1	7.84	1.4	1.89
105	4/14/2007 12:16	12.65	47.887	31.15	5.85	7.84	2.3	1.79
106	4/14/2007 12:31	12.71	47.608	30.95	5.84	7.84	2.1	1.69
107	4/14/2007 12:46	13.12	47.217	30.69	5.99	7.87	4.4	1.58
108	4/14/2007 13:01	13.31	46.735	30.34	6.04	7.88	1.8	1.46
109	4/14/2007 13:16	13.46	46.904	30.47	7.38	7.95	4.6	1.37
110	4/14/2007 13:31	13.38	46.514	30.19	6.63	7.92	3.1	1.24
111	4/14/2007 13:46	13.96	46.247	30.01	6.9	7.96	3.8	1.11
112	4/14/2007 14:01	13.56	45.347	29.35	6.51	7.91	3.5	1.00
113	4/14/2007 14:16	13.62	45.104	29.18	6.45	7.92	3.0	0.89
114	4/14/2007 14:31	13.7	44.991	29.1	6.23	7.89	2.4	0.77
115	4/14/2007 14:46	13.8	44.948	29.07	6.18	7.88	2.4	0.68
116	4/14/2007 15:01	13.91	44.961	29.09	6.18	7.88	2.6	0.56
117	4/14/2007 15:16	14	44.961	29.09	6.11	7.87	2.6	0.47
118	4/14/2007 15:31	14.13	44.908	29.05	6.01	7.87	2.9	0.41
119	4/14/2007 15:46	14.2	44.794	28.97	5.97	7.86	2.5	0.37
120	4/14/2007 16:01	14.26	44.791	28.97	5.91	7.85	2.6	0.34
121	4/14/2007 16:16	14.34	44.743	28.94	5.84	7.84	2.5	0.31
122	4/14/2007 16:31	14.4	44.804	28.98	5.75	7.83	2.0	0.36
123	4/14/2007 16:46	14.42	44.873	29.03	5.2	7.8	0.8	0.40
124	4/14/2007 17:01	14.45	44.938	29.08	4.92	7.78	0.6	0.44
125	4/14/2007 17:16	14.52	45.374	29.4	5.63	7.88	0.8	0.54
126	4/14/2007 17:31	14.57	46.183	29.98	7.65	8.04	1.0	0.60
127	4/14/2007 17:46	14.49	45.934	29.8	7.98	8.06	3.2	0.66
128	4/14/2007 18:01	14.48	45.782	29.69	7.91	8.05	2.6	0.74
129	4/14/2007 18:16	14.47	45.727	29.65	7.77	8.04	2.6	0.83
130	4/14/2007 18:31	14.44	45.787	29.69	7.62	8.03	2.5	0.93
131	4/14/2007 18:46	14.35	45.639	29.58	7.71	8.03	4.5	1.02
132	4/14/2007 19:01	14.28	45.422	29.43	7.56	8.01	3.4	1.12
133	4/14/2007 19:16	14.24	45.511	29.49	7.25	7.99	1.9	1.22
134	4/14/2007 19:31	14.02	45.769	29.67	7.13	7.97	2.8	1.32
135	4/14/2007 19:46	13.87	45.903	29.76	7.05	7.95	3.1	1.42
136	4/14/2007 20:01	13.76	46.186	29.96	6.94	7.93	3.6	1.52
137	4/14/2007 20:16	13.6	46.605	30.26	7.18	7.94	5.5	1.62
138	4/14/2007 20:31	13.5	46.731	30.35	7.05	7.92	3.9	1.72
139	4/14/2007 20:46	13.37	47.226	30.7	6.91	7.91	3.5	1.79
140	4/14/2007 21:01	13.17	47.696	31.03	6.95	7.9	4.9	1.88
141	4/14/2007 21:16	13.04	47.892	31.17	6.88	7.89	4.4	1.97
142	4/14/2007 21:31	12.91	48.064	31.29	6.82	7.88	2.9	2.07
143	4/14/2007 21:46	12.77	48.198	31.38	6.81	7.87	2.3	2.15

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	4/14/2007 22:01	12.58	48.486	31.58	6.81	7.86	2.2	2.23
145	4/14/2007 22:16	12.41	48.812	31.81	7.01	7.86	1.5	2.29
146	4/14/2007 22:31	12.24	49.084	32	7.08	7.86	1.8	2.37
147	4/14/2007 22:46	12.16	49.156	32.05	7.09	7.86	2.0	2.41
148	4/14/2007 23:01	12.07	49.327	32.17	7.05	7.85	1.2	2.45
149	4/14/2007 23:16	12.06	49.31	32.16	6.88	7.84	0.9	2.44
150	4/14/2007 23:31	12.07	49.196	32.08	6.86	7.85	0.9	2.42
151	4/14/2007 23:46	12.06	49.068	31.98	6.63	7.83	0.8	2.37
152	4/15/2007 00:01	12.07	48.872	31.84	6.56	7.83	2.9	2.31
153	4/15/2007 00:16	12.1	48.544	31.6	6.5	7.83	4.3	2.22
154	4/15/2007 00:31	12.11	48.245	31.39	6.27	7.83	5.7	2.12
155	4/15/2007 00:46	12.11	48.085	31.27	6.3	7.84	6.1	2.03
156	4/15/2007 01:01	12.14	47.942	31.17	6.67	7.87	11.4	1.93
157	4/15/2007 01:16	12.16	47.589	30.92	6.77	7.88	10.8	1.82
158	4/15/2007 01:31	12.24	46.881	30.41	6.35	7.88	3.1	1.71
159	4/15/2007 01:46	12.31	46.744	30.31	6.54	7.9	4.2	1.60
160	4/15/2007 02:01	12.44	46.256	29.97	6.53	7.91	12.5	1.49
161	4/15/2007 02:16	12.63	46.033	29.82	6.98	7.92	8.4	1.38
162	4/15/2007 02:31	12.72	45.921	29.74	7.04	7.94	7.8	1.26
163	4/15/2007 02:46	12.63	45.735	29.6	6.83	7.95	2.3	1.13
164	4/15/2007 03:01	12.8	46.026	29.82	7.31	7.95	7.6	1.05
165	4/15/2007 03:16	12.8	45.786	29.64	6.86	7.95	7.2	0.93
166	4/15/2007 03:31	12.88	45.721	29.6	6.93	7.95	3.5	0.82
167	4/15/2007 03:46	12.87	45.594	29.51	6.57	7.94	2.0	0.73
168	4/15/2007 04:01	12.92	45.585	29.5	6.48	7.92	1.5	0.66
169	4/15/2007 04:16	12.95	45.422	29.39	6.16	7.9	1.7	0.59
170	4/15/2007 04:31	13	45.269	29.28	5.95	7.87	1.6	0.54
171	4/15/2007 04:46	13.04	45.224	29.25	5.83	7.86	1.7	0.54
172	4/15/2007 05:01	13.07	45.193	29.23	5.69	7.86	1.4	0.54
173	4/15/2007 05:16	13.1	45.256	29.27	5.55	7.85	0.9	0.55
174	4/15/2007 05:31	13.14	45.353	29.34	5.39	7.83	0.4	0.59
175	4/15/2007 05:46	13.19	45.59	29.52	5.6	7.84	0.4	0.64
176	4/15/2007 06:01	13.24	46.01	29.82	6.52	7.92	0.9	0.72
177	4/15/2007 06:16	13.2	45.953	29.78	7.17	7.97	4.4	0.79
178	4/15/2007 06:31	13.16	45.731	29.62	7.27	7.97	4.0	0.87
179	4/15/2007 06:46	13.13	45.553	29.49	7.35	7.98	5.5	0.96
180	4/15/2007 07:01	13.12	45.44	29.41	7.25	7.96	5.8	1.05
181	4/15/2007 07:16	13.09	45.429	29.4	7.13	7.95	3.9	1.14
182	4/15/2007 07:31	13.07	45.505	29.45	6.87	7.93	2.5	1.23
183	4/15/2007 07:46	13	45.676	29.57	6.96	7.92	2.9	1.32
184	4/15/2007 08:01	12.84	45.765	29.63	7.17	7.92	8.4	1.41
185	4/15/2007 08:16	12.81	45.796	29.65	7.02	7.91	5.0	1.51
186	4/15/2007 08:31	12.72	46.036	29.82	7.07	7.9	5.2	1.58
187	4/15/2007 08:46	12.56	46.321	30.02	7.33	7.91	6.4	1.68
188	4/15/2007 09:01	12.51	46.448	30.11	7.32	7.9	4.6	1.77
189	4/15/2007 09:16	12.48	46.577	30.2	7.21	7.89	3.5	1.85
190	4/15/2007 09:31	12.45	46.911	30.44	7.11	7.88	3.4	1.93
191	4/15/2007 09:46	12.36	47.583	30.92	7.22	7.88	2.8	2.00

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	4/15/2007 10:01	12.2	48.055	31.26	7.27	7.88	4.0	2.09
193	4/15/2007 10:16	12.1	48.188	31.35	7.27	7.88	3.2	2.15
194	4/15/2007 10:31	12.02	48.308	31.43	7.25	7.87	3.0	2.21
195	4/15/2007 10:46	11.95	48.357	31.46	7.16	7.86	2.1	2.23
196	4/15/2007 11:01	11.88	48.388	31.48	7.09	7.86	1.8	2.27
197	4/15/2007 11:16	11.82	48.473	31.54	7	7.85	1.3	2.27
198	4/15/2007 11:31	11.78	48.513	31.57	6.89	7.84	1.0	2.28
199	4/15/2007 11:46	11.77	48.461	31.53	6.79	7.83	1.1	2.25
200	4/15/2007 12:01	11.82	48.273	31.4	6.61	7.82	1.0	2.18
201	4/15/2007 12:16	12.01	48.156	31.32	6.87	7.84	6.7	2.11
202	4/15/2007 12:31	12.07	47.956	31.18	6.56	7.83	2.4	2.06
203	4/15/2007 12:46	12.14	47.442	30.81	6.54	7.83	1.7	1.95
204	4/15/2007 13:01	12.19	46.896	30.42	6.53	7.84	1.5	1.85
205	4/15/2007 13:16	12.23	46.755	30.32	6.5	7.84	1.5	1.77
206	4/15/2007 13:31	12.32	46.476	30.12	6.48	7.85	2.0	1.65
207	4/15/2007 13:46	12.45	46.045	29.82	6.45	7.87	2.1	1.53
208	4/15/2007 14:01	12.59	45.837	29.67	6.44	7.87	3.2	1.43
209	4/15/2007 14:16	12.74	45.682	29.57	6.53	7.88	3.4	1.28
210	4/15/2007 14:31	12.88	45.601	29.51	6.44	7.88	2.3	1.19
211	4/15/2007 14:46	13.01	45.57	29.5	6.42	7.89	2.1	1.06
212	4/15/2007 15:01	13.15	45.559	29.49	6.38	7.88	2.1	0.94
213	4/15/2007 15:16	13.27	45.581	29.51	6.3	7.88	1.7	0.84
214	4/15/2007 15:31	13.38	45.448	29.42	6.2	7.87	2.1	0.71
215	4/15/2007 15:46	13.47	45.213	29.25	6.03	7.85	1.7	0.60
216	4/15/2007 16:01	13.53	45.036	29.13	5.69	7.81	2.0	0.54
217	4/15/2007 16:16	13.6	44.783	28.95	5.61	7.78	2.1	0.44
218	4/15/2007 16:31	13.66	44.6	28.82	5.76	7.77	2.4	0.41
219	4/15/2007 16:46	13.75	44.533	28.77	5.83	7.76	2.6	0.35
220	4/15/2007 17:01	13.9	44.814	28.98	5.9	7.78	18.9	0.35
221	4/15/2007 17:16	13.96	44.788	28.96	5.78	7.77	9.2	0.37
222	4/15/2007 17:31	14.02	44.876	29.03	5.69	7.77	3.8	0.43
223	4/15/2007 17:46	14.07	44.949	29.08	5.49	7.76	2.4	0.49
224	4/15/2007 18:01	14.14	45.008	29.12	5.51	7.77	1.9	0.54
225	4/15/2007 18:16	14.2	45.33	29.36	7.06	7.9	2.8	0.63
226	4/15/2007 18:31	14.2	45.418	29.42	7.21	7.92	2.6	0.71
227	4/15/2007 18:46	14.15	45.131	29.21	7.65	7.96	7.2	0.82
228	4/15/2007 19:01	14.15	45.046	29.15	7.57	7.95	6.8	0.90
229	4/15/2007 19:16	14.13	45.081	29.18	7.48	7.94	5.1	0.99
230	4/15/2007 19:31	14.1	45.125	29.21	7.4	7.94	5.6	1.10
231	4/15/2007 19:46	14.02	45.197	29.26	7.45	7.94	4.0	1.19
232	4/15/2007 20:01	13.87	45.564	29.52	7.44	7.93	2.9	1.31
233	4/15/2007 20:16	13.6	45.977	29.81	7.61	7.93	6.2	1.43
234	4/15/2007 20:31	13.46	46.119	29.9	7.69	7.93	4.5	1.52
235	4/15/2007 20:46	13.25	46.107	29.89	7.82	7.93	8.6	1.60
236	4/15/2007 21:01	13.17	46.008	29.82	7.79	7.92	6.4	1.73
237	4/15/2007 21:16	13.11	46.061	29.85	7.6	7.91	3.7	1.83
238	4/15/2007 21:31	13	46.646	30.27	7.53	7.9	2.9	1.93
239	4/15/2007 21:46	12.8	47.457	30.85	7.6	7.89	8.7	2.03

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	4/15/2007 22:01	12.66	47.613	30.95	7.57	7.89	4.8	2.12
241	4/15/2007 22:16	12.48	47.945	31.19	7.67	7.89	4.6	2.22
242	4/15/2007 22:31	12.26	48.355	31.47	7.83	7.9	3.1	2.31
243	4/15/2007 22:46	12.08	48.711	31.72	7.94	7.9	3.4	2.39
244	4/15/2007 23:01	11.88	49.058	31.97	8.05	7.92	2.3	2.47
245	4/15/2007 23:16	11.8	49.117	32.01	8.14	7.91	1.4	2.51
246	4/15/2007 23:31	11.72	49.235	32.09	8.02	7.91	1.4	2.55
247	4/15/2007 23:46	11.64	49.361	32.17	7.92	7.9	0.9	2.58
248	4/16/2007 00:01	11.64	49.236	32.08	7.85	7.9	1.0	2.55
249	4/16/2007 00:16	11.6	49.212	32.06	7.83	7.89	1.1	2.52
250	4/16/2007 00:31	11.92	48.35	31.46	8.01	7.92	8.1	2.45
251	4/16/2007 00:46	11.89	48.398	31.49	7.76	7.91	5.3	2.34
252	4/16/2007 01:01	11.87	48.133	31.3	7.14	7.87	2.3	2.24
253	4/16/2007 01:16	11.95	47.714	31	7.41	7.88	6.1	2.12
254	4/16/2007 01:31	12.03	47.223	30.65	7.29	7.89	5.6	2.00
255	4/16/2007 01:46	12.05	46.631	30.22	7.04	7.88	4.1	1.88
256	4/16/2007 02:01	12.11	46.238	29.94	7.13	7.89	6.7	1.76
257	4/16/2007 02:16	12.19	46.117	29.86	7.14	7.9	5.3	1.61
258	4/16/2007 02:31	12.46	46.04	29.81	7.34	7.9	8.6	1.48
259	4/16/2007 02:46	12.44	45.855	29.68	7.04	7.9	7.0	1.36
260	4/16/2007 03:01	12.5	45.476	29.41	6.82	7.89	3.2	1.22
261	4/16/2007 03:16	12.51	45.214	29.22	6.71	7.88	2.9	1.09
262	4/16/2007 03:31	12.56	45.155	29.18	6.69	7.88	2.8	0.94
263	4/16/2007 03:46	12.64	45.156	29.19	6.64	7.88	2.8	0.81
264	4/16/2007 04:01	12.71	45.144	29.18	6.59	7.87	2.7	0.66
265	4/16/2007 04:16	12.75	45.031	29.1	6.35	7.84	2.6	0.53
266	4/16/2007 04:31	12.72	44.915	29.02	6.16	7.78	3.1	0.41
267	4/16/2007 04:46	12.74	44.925	29.02	6.11	7.76	3.0	0.30
268	4/16/2007 05:01	12.83	44.935	29.03	6.04	7.76	2.4	0.23
269	4/16/2007 05:16	12.88	44.938	29.04	6.01	7.76	2.7	0.16
270	4/16/2007 05:31	12.91	44.914	29.02	5.92	7.75	2.6	0.15
271	4/16/2007 05:46	12.94	44.997	29.08	5.75	7.73	2.4	0.19
272	4/16/2007 06:01	12.96	44.948	29.05	5.65	7.74	2.0	0.22
273	4/16/2007 06:16	12.98	45.029	29.11	5.42	7.72	1.1	0.28
274	4/16/2007 06:31	13	45.102	29.16	5.28	7.71	1.0	0.37
275	4/16/2007 06:46	13	44.952	29.05	6.07	7.78	3.7	0.43
276	4/16/2007 07:01	12.84	44.441	28.68	6.76	7.85	4.8	0.52
277	4/16/2007 07:16	12.83	44.472	28.7	6.72	7.85	4.0	0.62
278	4/16/2007 07:31	12.87	44.451	28.69	6.9	7.86	5.3	0.69
279	4/16/2007 07:46	12.9	44.382	28.64	6.97	7.87	4.0	0.78
280	4/16/2007 08:01	12.9	44.398	28.65	6.94	7.88	3.6	0.88
281	4/16/2007 08:16	12.9	44.341	28.61	6.98	7.87	4.5	0.99
282	4/16/2007 08:31	12.9	44.457	28.69	6.96	7.87	3.2	1.09
283	4/16/2007 08:46	12.86	44.755	28.91	7.13	7.88	3.5	1.20
284	4/16/2007 09:01	12.82	44.82	28.95	7.17	7.88	3.1	1.29
285	4/16/2007 09:16	12.79	45.004	29.08	7.21	7.88	2.8	1.40
286	4/16/2007 09:31	12.73	46.674	30.28	7.49	7.9	6.7	1.51
287	4/16/2007 09:46	12.69	46.641	30.25	7.39	7.9	3.9	1.60

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	4/16/2007 10:01	12.61	46.916	30.45	7.31	7.89	3.9	1.69
289	4/16/2007 10:16	12.41	47.418	30.8	7.49	7.88	4.5	1.79
290	4/16/2007 10:31	12.23	47.79	31.06	7.66	7.89	6.1	1.88
291	4/16/2007 10:46	12.09	48.021	31.23	7.6	7.89	5.0	1.97
292	4/16/2007 11:01	11.98	48.17	31.33	7.49	7.87	2.9	2.05
293	4/16/2007 11:16	11.79	48.524	31.58	7.5	7.87	2.4	2.14
294	4/16/2007 11:31	11.63	48.918	31.85	7.53	7.86	2.0	2.20
295	4/16/2007 11:46	11.54	49.056	31.95	7.5	7.86	1.5	2.25
296	4/16/2007 12:01	11.4	49.279	32.1	7.43	7.85	1.1	2.30
297	4/16/2007 12:16	11.32	49.374	32.17	7.37	7.84	1.0	2.33
298	4/16/2007 12:31	11.32	49.341	32.14	7.31	7.84	1.0	2.29
299	4/16/2007 12:46	11.31	49.128	31.99	7.2	7.83	1.1	2.24
300	4/16/2007 13:01	11.38	48.735	31.71	7.2	7.83	3.2	2.20
301	4/16/2007 13:16	11.93	48.249	31.38	7.53	7.85	3.4	2.11
302	4/16/2007 13:31	11.9	48.065	31.25	6.84	7.85	2.2	1.99
303	4/16/2007 13:46	12.13	47.707	31	7.17	7.86	2.4	1.91
304	4/16/2007 14:01	12.38	47.452	30.83	7.22	7.87	3.2	1.79
305	4/16/2007 14:16	12.37	46.951	30.47	6.79	7.85	2.1	1.68
306	4/16/2007 14:31	12.57	46.725	30.31	6.73	7.85	2.2	1.57
307	4/16/2007 14:46	12.81	45.988	29.79	6.69	7.84	2.1	1.46
308	4/16/2007 15:01	13	44.914	29.02	6.63	7.84	3.8	1.34
309	4/16/2007 15:16	13.29	44.8	28.95	6.73	7.85	2.8	1.21
310	4/16/2007 15:31	13.54	44.587	28.81	7.12	7.87	4.1	1.11
311	4/16/2007 15:46	13.52	44.423	28.69	6.51	7.83	2.4	0.99
312	4/16/2007 16:01	13.89	44.564	28.8	7.01	7.88	3.4	0.87
313	4/16/2007 16:16	13.85	44.428	28.7	6.49	7.82	2.6	0.76
314	4/16/2007 16:31	14	44.397	28.68	6.44	7.81	2.6	0.67
315	4/16/2007 16:46	14.12	44.393	28.68	6.42	7.81	2.6	0.57
316	4/16/2007 17:01	14.22	44.386	28.68	6.43	7.81	2.8	0.50
317	4/16/2007 17:16	14.3	44.404	28.69	6.34	7.79	2.4	0.49
318	4/16/2007 17:31	14.42	44.391	28.69	6.25	7.79	2.2	0.43
319	4/16/2007 17:46	14.47	44.407	28.7	6.07	7.78	1.4	0.45
320	4/16/2007 18:01	14.53	44.407	28.7	5.9	7.77	0.8	0.51
321	4/16/2007 18:16	14.69	44.657	28.89	6.14	7.79	0.6	0.56
322	4/16/2007 18:31	14.86	45.524	29.51	6.81	7.89	0.3	0.63
323	4/16/2007 18:46	14.78	45.978	29.84	7.96	7.98	1.3	0.70
324	4/16/2007 19:01	14.77	45.24	29.31	8.32	7.99	4.1	0.81
325	4/16/2007 19:16	14.78	44.701	28.92	8.22	7.98	4.5	0.90
326	4/16/2007 19:31	14.76	44.483	28.76	8.2	7.98	4.5	1.00
327	4/16/2007 19:46	14.76	44.457	28.74	7.93	7.96	2.3	1.10
328	4/16/2007 20:01	14.65	44.661	28.89	7.87	7.94	2.1	1.21
329	4/16/2007 20:16	14.39	45.237	29.3	7.83	7.94	2.1	1.31
330	4/16/2007 20:31	13.95	46.273	30.03	7.79	7.93	4.1	1.42
331	4/16/2007 20:46	13.73	46.553	30.23	7.73	7.91	3.2	1.53
332	4/16/2007 21:01	13.53	47.006	30.55	7.85	7.92	4.6	1.63
333	4/16/2007 21:16	13.4	47.16	30.65	7.77	7.91	2.4	1.74
334	4/16/2007 21:31	13.04	47.702	31.03	7.81	7.9	4.7	1.84
335	4/16/2007 21:46	12.74	47.935	31.19	7.78	7.89	5.0	1.94

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	4/16/2007 22:01	12.54	48.217	31.39	7.68	7.88	3.8	2.06
337	4/16/2007 22:16	12.17	48.622	31.66	7.65	7.87	4.8	2.17
338	4/16/2007 22:31	11.82	49.073	31.97	7.49	7.85	3.9	2.27
339	4/16/2007 22:46	11.21	49.962	32.59	7.3	7.84	3.4	2.38
340	4/16/2007 23:01	10.91	50.349	32.85	7.19	7.83	3.5	2.48
341	4/16/2007 23:16	10.71	50.648	33.06	7.13	7.82	2.4	2.57
342	4/16/2007 23:31	10.61	50.676	33.07	7.02	7.81	2.2	2.65
343	4/16/2007 23:46	10.55	50.784	33.15	6.96	7.81	1.8	2.72
344	4/17/2007 00:01	10.49	50.846	33.19	6.83	7.8	1.2	2.76
345	4/17/2007 00:16	10.45	50.876	33.21	6.75	7.8	1.1	2.78
346	4/17/2007 00:31	10.44	50.873	33.2	6.72	7.79	1.4	2.78
347	4/17/2007 00:46	10.46	50.839	33.18	6.69	7.78	1.2	2.73
348	4/17/2007 01:01	10.92	50.168	32.72	7.04	7.82	4.3	2.67
349	4/17/2007 01:16	11.11	49.995	32.61	7.25	7.84	5.1	2.57
350	4/17/2007 01:31	11.18	49.886	32.53	7.17	7.84	5.3	2.46
351	4/17/2007 01:46	11.39	49.386	32.18	7.26	7.84	6.8	2.33
352	4/17/2007 02:01	11.26	48.814	31.76	7.14	7.85	3.5	2.20
353	4/17/2007 02:16	11.61	48.393	31.47	7.28	7.87	6.0	2.06
354	4/17/2007 02:31	11.65	47.9	31.12	7.24	7.88	3.3	1.92
355	4/17/2007 02:46	11.93	47.399	30.77	7.25	7.88	6.1	1.79
356	4/17/2007 03:01	12.1	47.035	30.52	7.42	7.89	7.9	1.63
357	4/17/2007 03:16	12.45	46.489	30.14	7.4	7.9	6.6	1.49
358	4/17/2007 03:31	12.36	45.555	29.46	7.2	7.9	4.1	1.35
359	4/17/2007 03:46	12.31	44.769	28.9	7.11	7.9	2.8	1.19
360	4/17/2007 04:01	12.45	44.609	28.79	7.09	7.89	2.3	1.03
361	4/17/2007 04:16	12.63	44.649	28.82	7.08	7.88	2.4	0.88
362	4/17/2007 04:31	12.75	44.601	28.79	7.07	7.88	2.4	0.72
363	4/17/2007 04:46	12.9	44.539	28.75	7.05	7.88	2.4	0.54
364	4/17/2007 05:01	13.05	44.615	28.81	7.02	7.87	2.4	0.39
365	4/17/2007 05:16	13.16	44.57	28.78	6.96	7.86	2.4	0.24
366	4/17/2007 05:31	13.32	44.548	28.77	6.79	7.85	2.1	0.09
367	4/17/2007 05:46	13.41	44.64	28.84	6.75	7.83	3.5	0.04
368	4/17/2007 06:01	13.57	44.561	28.79	6.68	7.82	2.5	0.04
369	4/17/2007 06:16	13.68	42.512	27.33	6.61	7.8	2.3	0.04
370	4/17/2007 06:31	13.65	44.632	28.84	6.26	7.8	1.5	0.04
371	4/17/2007 06:46	13.65	44.632	28.84	6.16	7.79	1.1	0.04
372	4/17/2007 07:01	13.65	44.632	28.84	6.04	7.78	1.0	0.12
373	4/17/2007 07:16	13.58	44.627	28.84	5.88	7.77	0.9	0.22
374	4/17/2007 07:31	13.54	44.676	28.87	5.97	7.75	0.9	0.28
375	4/17/2007 07:46	13.79	44.519	28.77	6.61	7.81	1.7	0.36
376	4/17/2007 08:01	13.88	44.711	28.91	6.71	7.87	1.8	0.45
377	4/17/2007 08:16	13.93	44.745	28.93	6.66	7.86	1.5	0.52
378	4/17/2007 08:31	13.95	44.713	28.91	6.73	7.86	2.3	0.62
379	4/17/2007 08:46	13.93	44.704	28.9	6.68	7.85	6.4	0.71
380	4/17/2007 09:01	13.91	44.721	28.91	6.56	7.84	2.3	0.81
381	4/17/2007 09:16	13.89	44.675	28.88	6.33	7.83	2.1	0.93
382	4/17/2007 09:31	13.79	44.942	29.07	6.4	7.82	2.9	1.04
383	4/17/2007 09:46	13.64	45.367	29.37	6.75	7.84	2.6	1.17

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
384	4/17/2007 10:01	13.38	46.479	30.16	6.84	7.84	6.1	1.29
385	4/17/2007 10:16	13.3	46.862	30.44	6.97	7.85	5.1	1.40
386	4/17/2007 10:31	13.21	47.068	30.58	6.96	7.85	4.5	1.51
387	4/17/2007 10:46	12.99	47.389	30.8	7.09	7.85	4.6	1.62
388	4/17/2007 11:01	12.74	47.766	31.07	7.16	7.85	5.1	1.72
389	4/17/2007 11:16	12.55	47.949	31.19	7.12	7.84	4.6	1.80
390	4/17/2007 11:31	12.38	48.102	31.3	7.03	7.83	4.7	1.91
391	4/17/2007 11:46	12.12	48.451	31.54	6.87	7.81	5.1	1.99
392	4/17/2007 12:01	11.81	48.937	31.88	6.79	7.8	4.0	2.06
393	4/17/2007 12:16	11.49	49.417	32.21	6.93	7.8	4.2	2.14
394	4/17/2007 12:31	11.28	49.809	32.48	6.95	7.8	3.1	2.21
395	4/17/2007 12:46	11.2	49.939	32.57	6.87	7.8	2.3	2.26
396	4/17/2007 13:01	11.13	50.041	32.64	6.75	7.8	2.0	2.29
397	4/17/2007 13:16	11.09	50.032	32.63	6.65	7.79	1.6	2.31
398	4/17/2007 13:31	11.08	50.029	32.63	6.61	7.78	1.7	2.31
399	4/17/2007 13:46	11.08	49.968	32.59	6.6	7.78	1.7	2.28
400	4/17/2007 14:01	11.09	49.853	32.5	6.58	7.77	1.7	2.22
401	4/17/2007 14:16	11.23	49.396	32.18	6.26	7.77	2.4	2.13
402	4/17/2007 14:31	11.49	48.662	31.66	6.19	7.78	3.1	2.02
403	4/17/2007 14:46	11.84	48.167	31.32	6.87	7.82	4.8	1.92
404	4/17/2007 15:01	12.13	48.404	31.5	7.59	7.88	8.8	1.82
405	4/17/2007 15:16	12.28	47.79	31.07	7.34	7.87	7.8	1.70
406	4/17/2007 15:31	12.52	47.711	31.02	7.45	7.87	5.1	1.60
407	4/17/2007 15:46	12.67	47.326	30.75	7.24	7.86	2.9	1.49
408	4/17/2007 16:01	13.15	46.704	30.32	7.43	7.88	4.8	1.38
409	4/17/2007 16:16	13.07	46.155	29.92	7.07	7.86	4.8	1.27
410	4/17/2007 16:31	12.98	45.567	29.49	6.15	7.8	1.9	1.16
411	4/17/2007 16:46	13.1	45.102	29.16	6.01	7.79	1.9	1.05
412	4/17/2007 17:01	13.25	44.823	28.97	6.11	7.79	1.8	0.95
413	4/17/2007 17:16	13.35	44.697	28.88	6.21	7.79	1.8	0.85
414	4/17/2007 17:31	13.5	44.709	28.89	6.16	7.79	1.8	0.78
415	4/17/2007 17:46	13.61	44.647	28.85	6.11	7.78	1.8	0.72
416	4/17/2007 18:01	13.7	44.717	28.91	6.08	7.77	1.8	0.68
417	4/17/2007 18:16	13.77	44.703	28.9	6.02	7.76	1.8	0.67
418	4/17/2007 18:31	13.83	44.689	28.89	5.76	7.75	1.5	0.69
419	4/17/2007 18:46	13.89	44.714	28.91	5.66	7.74	1.1	0.70
420	4/17/2007 19:01	13.97	44.809	28.98	5.43	7.74	0.9	0.77
421	4/17/2007 19:16	14.03	44.959	29.09	5.48	7.74	0.8	0.83
422	4/17/2007 19:31	14.18	46.148	29.95	7.82	7.94	1.5	0.91
423	4/17/2007 19:46	14.15	46.133	29.93	7.99	7.96	3.9	1.00
424	4/17/2007 20:01	14.13	45.943	29.8	7.89	7.94	4.0	1.12
425	4/17/2007 20:16	14.1	45.951	29.8	7.73	7.92	3.1	1.22
426	4/17/2007 20:31	14.01	46.062	29.88	7.79	7.93	3.4	1.31
427	4/17/2007 20:46	13.73	46.475	30.17	7.77	7.91	5.3	1.44
428	4/17/2007 21:01	13.48	46.921	30.48	7.61	7.89	5.6	1.52
429	4/17/2007 21:16	13.15	47.493	30.89	7.48	7.88	5.3	1.63
430	4/17/2007 21:31	12.86	47.945	31.2	7.51	7.87	6.3	1.73
431	4/17/2007 21:46	12.61	48.33	31.47	7.45	7.86	5.4	1.84

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	4/17/2007 22:01	12.33	48.544	31.61	7.39	7.85	6.5	1.94
433	4/17/2007 22:16	11.94	48.903	31.86	7.42	7.84	8.1	2.07
434	4/17/2007 22:31	11.72	49.168	32.04	7.43	7.84	8.3	2.16
435	4/17/2007 22:46	11.43	49.532	32.29	7.39	7.83	6.1	2.26
436	4/17/2007 23:01	11.1	49.953	32.58	7.35	7.83	6.7	2.38
437	4/17/2007 23:16	10.73	50.495	32.95	7.33	7.82	10.3	2.50
438	4/17/2007 23:31	10.5	50.73	33.1	7.36	7.82	5.9	2.59
439	4/17/2007 23:46	10.38	50.883	33.21	7.39	7.83	4.5	2.70
440	4/18/2007 00:01	10.33	50.938	33.24	7.35	7.83	3.7	2.79
441	4/18/2007 00:16	10.28	51.014	33.29	7.35	7.83	2.9	2.84
442	4/18/2007 00:31	10.23	51.068	33.33	7.33	7.83	2.8	2.91
443	4/18/2007 00:46	10.19	51.091	33.34	7.25	7.82	2.6	2.94
444	4/18/2007 01:01	10.27	50.947	33.25	7.19	7.82	2.3	2.94
445	4/18/2007 01:16	10.28	51	33.28	7.11	7.82	2.1	2.90
446	4/18/2007 01:31	10.4	50.826	33.17	7.13	7.81	6.0	2.84
447	4/18/2007 01:46	10.61	50.353	32.84	7.38	7.83	6.2	2.76
448	4/18/2007 02:01	10.68	50.257	32.77	7.43	7.84	6.4	2.64
449	4/18/2007 02:16	10.88	49.962	32.57	7.36	7.84	6.1	2.52
450	4/18/2007 02:31	10.97	49.734	32.41	7.3	7.84	8.0	2.39
451	4/18/2007 02:46	11.31	49.222	32.06	7.33	7.84	8.2	2.25
452	4/18/2007 03:01	11.49	48.724	31.71	7.28	7.85	7.9	2.13
453	4/18/2007 03:16	11.63	48.543	31.58	7.31	7.85	6.8	1.99
454	4/18/2007 03:31	11.56	48.177	31.31	7.29	7.85	5.9	1.82
455	4/18/2007 03:46	11.52	47.724	30.99	7.05	7.86	3.4	1.67
456	4/18/2007 04:01	11.78	47.104	30.55	7.16	7.87	5.2	1.53
457	4/18/2007 04:16	11.78	46.399	30.04	7.14	7.88	4.6	1.38
458	4/18/2007 04:31	11.81	46.102	29.83	7.15	7.88	4.8	1.22
459	4/18/2007 04:46	11.92	45.896	29.69	7	7.88	3.7	1.04
460	4/18/2007 05:01	12.05	45.412	29.35	6.56	7.84	3.2	0.87
461	4/18/2007 05:16	12.06	44.829	28.93	6.15	7.78	2.6	0.69
462	4/18/2007 05:31	12.22	44.726	28.86	6.29	7.78	3.9	0.49
463	4/18/2007 05:46	12.27	44.697	28.84	6.28	7.77	2.8	0.32
464	4/18/2007 06:01	12.36	44.727	28.87	6.24	7.76	3.1	0.15
465	4/18/2007 06:16	12.51	44.687	28.85	6.12	7.75	4.3	0.06
466	4/18/2007 06:31							
467	4/18/2007 06:46							
468	4/18/2007 07:01							
469	4/18/2007 07:16							
470	4/18/2007 07:31							
471	4/18/2007 07:46	12.71	45.529	29.46	6.14	7.8	4.3	0.07
472	4/18/2007 08:01	12.72	45.591	29.5	5.83	7.79	3.2	0.06
473	4/18/2007 08:16	12.68	44.263	28.55	6.91	7.86	4.5	0.15
474	4/18/2007 08:31	12.65	44.043	28.39	6.83	7.84	3.2	0.19
475	4/18/2007 08:46	12.58	44.079	28.41	6.43	7.82	4.2	0.25
476	4/18/2007 09:01	12.59	44.106	28.43	6.29	7.8	2.9	0.38
477	4/18/2007 09:16	12.48	44.113	28.43	6.28	7.79	2.7	0.46
478	4/18/2007 09:31	12.71	44.255	28.54	5.03	7.71	1.8	0.56
479	4/18/2007 09:46	13	45.186	29.22	6.71	7.85	3.1	0.68

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	4/18/2007 10:01	13.01	45.18	29.22	6.75	7.84	3.4	0.77
481	4/18/2007 10:16	12.97	45.248	29.26	7.12	7.87	6.3	0.90
482	4/18/2007 10:31	12.88	45.221	29.24	7.22	7.87	6.0	1.01
483	4/18/2007 10:46	12.84	45.141	29.18	7.2	7.86	4.5	1.14
484	4/18/2007 11:01	12.72	45.799	29.65	7.04	7.84	3.7	1.26
485	4/18/2007 11:16	12.62	47.011	30.52	7.23	7.86	5.6	1.38
486	4/18/2007 11:31	12.58	47.205	30.66	7.12	7.85	3.9	1.50
487	4/18/2007 11:46	12.46	47.689	31	7.13	7.84	5.4	1.61
488	4/18/2007 12:01	12.31	47.914	31.16	7.09	7.83	4.9	1.70
489	4/18/2007 12:16	12.15	48.164	31.33	7.1	7.83	7.5	1.80
490	4/18/2007 12:31	11.99	48.39	31.49	7.19	7.83	7.0	1.90
491	4/18/2007 12:46	11.88	48.593	31.63	7.21	7.82	5.6	1.96
492	4/18/2007 13:01	11.67	49.011	31.92	7.39	7.82	4.1	2.04
493	4/18/2007 13:16	11.45	49.31	32.13	7.42	7.81	3.7	2.13
494	4/18/2007 13:31	11.22	49.627	32.35	7.51	7.8	3.6	2.19
495	4/18/2007 13:46	11.1	49.801	32.47	7.44	7.79	3.2	2.21
496	4/18/2007 14:01	11	49.931	32.55	7.29	7.78	3.2	2.27
497	4/18/2007 14:16	10.96	49.963	32.57	7.17	7.77	2.5	2.28
498	4/18/2007 14:31	10.95	49.945	32.56	7.12	7.77	2.1	2.26
499	4/18/2007 14:46	10.96	49.807	32.46	7.12	7.77	2.1	2.23
500	4/18/2007 15:01	11.56	49.26	32.1	7.36	7.8	3.9	2.19
501	4/18/2007 15:16	11.24	49.213	32.05	6.81	7.77	2.4	2.11
502	4/18/2007 15:31	11.44	48.968	31.88	6.6	7.79	2.3	2.01
503	4/18/2007 15:46	11.73	48.496	31.55	6.58	7.79	4.2	1.91
504	4/18/2007 16:01	12.06	48.165	31.33	7.01	7.8	4.8	1.80
505	4/18/2007 16:16	12.35	47.916	31.16	6.63	7.8	4.5	1.69
506	4/18/2007 16:31	12.44	47.618	30.95	6.6	7.81	3.3	1.60
507	4/18/2007 16:46	13.2	47.376	30.8	7.66	7.93	5.1	1.52
508	4/18/2007 17:01	13.43	46.896	30.46	8.06	7.9	4.6	1.42
509	4/18/2007 17:16	13.43	46.434	30.13	7.34	7.84	3.9	1.30
510	4/18/2007 17:31	13.25	45.75	29.63	6.56	7.82	2.6	1.22
511	4/18/2007 17:46	13.28	45.28	29.3	6.41	7.8	2.6	1.14
512	4/18/2007 18:01	13.41	45.108	29.18	6.39	7.8	2.5	1.06
513	4/18/2007 18:16	13.56	45.119	29.19	6.38	7.8	2.5	1.00
514	4/18/2007 18:31	13.66	45.103	29.18	6.29	7.79	2.5	0.91
515	4/18/2007 18:46	13.74	45.11	29.19	6.27	7.78	2.5	0.88
516	4/18/2007 19:01	13.83	45.103	29.18	6.19	7.77	2.1	0.84
517	4/18/2007 19:16	13.91	45.093	29.18	6.12	7.75	2.4	0.86
518	4/18/2007 19:31	13.94	45.147	29.22	5.9	7.74	1.8	0.88
519	4/18/2007 19:46	13.98	45.116	29.2	5.61	7.74	1.2	0.92
520	4/18/2007 20:01	14.07	45.31	29.34	5.78	7.74	1.5	1.01
521	4/18/2007 20:16	14.19	46.218	30	8.26	7.98	1.7	1.08
522	4/18/2007 20:31	14.21	46.199	29.98	8.54	7.98	4.3	1.18
523	4/18/2007 20:46	14.2	46.22	30	8.4	7.98	3.0	1.26
524	4/18/2007 21:01	14.13	46.263	30.03	8.33	7.96	2.4	1.37
525	4/18/2007 21:16	13.92	46.632	30.29	8.18	7.94	2.8	1.46
526	4/18/2007 21:31	13.67	47.091	30.61	8.17	7.94	3.2	1.56
527	4/18/2007 21:46	13.45	47.349	30.79	8.02	7.92	2.7	1.66

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	4/18/2007 22:01	13.02	47.944	31.21	7.79	7.88	2.9	1.75
529	4/18/2007 22:16	12.55	48.543	31.62	7.78	7.86	3.4	1.85
530	4/18/2007 22:31	12.29	48.834	31.82	7.83	7.86	3.3	1.95
531	4/18/2007 22:46	11.89	49.139	32.03	7.91	7.85	4.8	2.05
532	4/18/2007 23:01	11.64	49.426	32.22	7.91	7.84	4.8	2.14
533	4/18/2007 23:16	11.44	49.645	32.37	7.89	7.84	5.4	2.25
534	4/18/2007 23:31	11.11	50.009	32.62	7.84	7.83	5.2	2.37
535	4/18/2007 23:46	10.78	50.531	32.98	7.99	7.83	5.3	2.48
536	4/19/2007 00:01	10.62	50.701	33.09	8.03	7.84	3.7	2.58
537	4/19/2007 00:16	10.46	50.881	33.21	8.05	7.84	4.0	2.67
538	4/19/2007 00:31	10.37	51.054	33.33	8	7.84	3.5	2.77
539	4/19/2007 00:46	10.31	51.168	33.41	8	7.84	3.2	2.84
540	4/19/2007 01:01	10.26	51.185	33.42	8.01	7.83	2.6	2.89
541	4/19/2007 01:16	10.22	51.211	33.43	7.97	7.84	2.4	2.93
542	4/19/2007 01:31	10.21	51.236	33.45	7.9	7.82	2.2	2.95
543	4/19/2007 01:46	10.28	51.157	33.4	7.9	7.84	2.4	2.94
544	4/19/2007 02:01	10.3	51.111	33.37	7.86	7.83	2.7	2.90
545	4/19/2007 02:16	10.33	51.105	33.36	7.7	7.82	2.6	2.83
546	4/19/2007 02:31	10.51	50.643	33.04	7.95	7.85	6.9	2.75
547	4/19/2007 02:46	10.72	50.381	32.86	7.9	7.85	4.8	2.64
548	4/19/2007 03:01	10.84	50.241	32.77	7.85	7.85	5.2	2.51
549	4/19/2007 03:16	10.99	49.82	32.47	7.82	7.85	6.1	2.38
550	4/19/2007 03:31	11.15	49.526	32.27	7.77	7.85	5.7	2.25
551	4/19/2007 03:46	11.49	48.946	31.87	7.76	7.86	5.4	2.11
552	4/19/2007 04:01	11.86	48.164	31.32	7.78	7.88	5.4	1.97
553	4/19/2007 04:16	11.98	47.923	31.15	7.77	7.88	4.8	1.83
554	4/19/2007 04:31	11.72	47.656	30.95	7.6	7.88	4.0	1.67
555	4/19/2007 04:46	11.63	47.111	30.55	7.5	7.9	2.9	1.52
556	4/19/2007 05:01	11.71	46.518	30.13	7.59	7.91	2.6	1.35
557	4/19/2007 05:16	11.8	46.344	30.01	7.54	7.91	2.0	1.18
558	4/19/2007 05:31	11.94	46.056	29.8	7.12	7.88	2.4	1.02
559	4/19/2007 05:46	11.99	45.313	29.27	6.03	7.79	2.1	0.83
560	4/19/2007 06:01	12.13	45.196	29.2	5.81	7.76	2.4	0.66
561	4/19/2007 06:16	12.21	44.692	28.84	5.96	7.76	2.4	0.47
562	4/19/2007 06:31	12.27	44.239	28.52	6.73	7.78	2.9	0.29
563	4/19/2007 06:46	12.49	44.548	28.75	6.84	7.8	5.5	0.12
564	4/19/2007 07:01	12.51	44.282	28.56	6.75	7.77	5.7	0.00
565	4/19/2007 07:16	12.67				7.75	5.3	0.00
566	4/19/2007 07:31	12.78				7.88		0.00
567	4/19/2007 07:46	12.24				7.85	1.7	0.00
568	4/19/2007 08:01	11.59				7.86	1.9	0.00
569	4/19/2007 08:16	12.95				7.81	16.4	0.00
570	4/19/2007 08:31	12.83	45.48	29.43	6.41	7.77	14.4	0.00
571	4/19/2007 08:46	12.77	45.594	29.5	6.04	7.77	10.8	0.00
572	4/19/2007 09:01	12.89	44.299	28.58	7.19	7.88	5.0	0.07
573	4/19/2007 09:16	12.87	43.88	28.28	7.22	7.87	4.5	0.13
574	4/19/2007 09:31	12.86	43.802	28.23	6.92	7.84	2.7	0.20
575	4/19/2007 09:46	12.85	43.795	28.22	6.68	7.81	2.6	0.26

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	4/19/2007 10:01	12.85	43.818	28.24	6.33	7.8	2.0	0.35
577	4/19/2007 10:16	12.92	43.95	28.33	5.72	7.75	2.7	0.44
578	4/19/2007 10:31	13.09	44.936	29.04	6.18	7.78	1.9	0.55
579	4/19/2007 10:46	13.12	45.441	29.41	7.22	7.88	2.4	0.64
580	4/19/2007 11:01	13.07	45.462	29.42	7.57	7.9	4.2	0.76
581	4/19/2007 11:16	12.99	45.157	29.2	7.65	7.89	4.3	0.87
582	4/19/2007 11:31	12.96	45.045	29.12	7.56	7.87	3.7	1.00
583	4/19/2007 11:46	12.89	45.267	29.27	7.36	7.85	2.8	1.13
584	4/19/2007 12:01	12.77	46.561	30.2	7.5	7.86	3.1	1.23
585	4/19/2007 12:16	12.69	47.054	30.55	7.5	7.86	3.2	1.36
586	4/19/2007 12:31	12.57	47.556	30.91	7.47	7.85	3.7	1.47
587	4/19/2007 12:46	12.48	47.978	31.21	7.48	7.85	3.1	1.56
588	4/19/2007 13:01	12.34	48.293	31.43	7.52	7.84	3.1	1.65
589	4/19/2007 13:16	12.19	48.465	31.55	7.45	7.84	3.4	1.74
590	4/19/2007 13:31	12	48.693	31.71	7.49	7.83	3.3	1.83
591	4/19/2007 13:46	11.83	48.988	31.91	7.44	7.82	3.3	1.91
592	4/19/2007 14:01	11.64	49.335	32.16	7.5	7.81	2.9	1.99
593	4/19/2007 14:16	11.55	49.583	32.33	7.43	7.81	2.9	2.05
594	4/19/2007 14:31	11.42	49.797	32.48	7.47	7.81	2.6	2.11
595	4/19/2007 14:46	11.3	49.999	32.62	7.46	7.81	2.4	2.18
596	4/19/2007 15:01	11.17	50.155	32.73	7.42	7.79	2.1	2.22
597	4/19/2007 15:16	11.11	50.141	32.71	7.22	7.79	2.0	2.23
598	4/19/2007 15:31	11.08	50.146	32.71	7.14	7.78	1.8	2.22
599	4/19/2007 15:46	11.07	50.088	32.67	7.08	7.78	1.7	2.19
600	4/19/2007 16:01	11.01	49.863	32.5	6.9	7.77	1.5	2.13
601	4/19/2007 16:16	11.1	49.522	32.26	7.07	7.79	2.6	2.05
602	4/19/2007 16:31	11.3	49.421	32.2	6.75	7.78	2.2	1.97
603	4/19/2007 16:46	11.56	48.894	31.83	6.82	7.79	2.3	1.87
604	4/19/2007 17:01	11.68	48.567	31.6	6.86	7.8	2.1	1.78
605	4/19/2007 17:16	11.82	48.348	31.45	6.85	7.81	2.0	1.69
606	4/19/2007 17:31	12.07	48.125	31.3	7.19	7.82	4.0	1.59
607	4/19/2007 17:46	12.16	47.876	31.12	6.89	7.82	2.2	1.52
608	4/19/2007 18:01	12.52	47.233	30.68	7.41	7.83	3.5	1.43
609	4/19/2007 18:16	12.43	47.08	30.56	6.86	7.82	2.7	1.36
610	4/19/2007 18:31	12.7	46.756	30.34	7.3	7.83	3.2	1.28
611	4/19/2007 18:46	12.66	46.522	30.17	6.8	7.82	2.2	1.22
612	4/19/2007 19:01	12.73	46.149	29.9	6.73	7.81	2.0	1.17
613	4/19/2007 19:16	12.82	45.548	29.47	6.66	7.81	2.0	1.11
614	4/19/2007 19:31	12.91	45.293	29.29	6.66	7.81	2.1	1.07
615	4/19/2007 19:46	12.96	45.237	29.26	6.61	7.81	2.1	1.04
616	4/19/2007 20:01	13	45.287	29.29	6.53	7.79	1.8	1.06
617	4/19/2007 20:16	13.03	45.37	29.35	6.44	7.79	1.7	1.06
618	4/19/2007 20:31	13.05	45.539	29.48	6.07	7.77	1.5	1.10
619	4/19/2007 20:46	13.15	45.93	29.76	5.84	7.74	1.2	1.16
620	4/19/2007 21:01	13.37	46.618	30.26	7.67	7.91	1.4	1.23
621	4/19/2007 21:16	13.36	46.823	30.41	6.99	7.86	1.0	1.31
622	4/19/2007 21:31	13.2	47.173	30.66	7.85	7.9	2.4	1.39
623	4/19/2007 21:46	13.16	47.202	30.68	8.18	7.93	2.1	1.48

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	4/19/2007 22:01	13.02	47.486	30.88	7.99	7.91	2.1	1.57
625	4/19/2007 22:16	12.84	47.763	31.07	7.93	7.89	2.0	1.65
626	4/19/2007 22:31	12.6	48.285	31.44	8.02	7.89	2.2	1.74
627	4/19/2007 22:46	12.23	48.766	31.77	7.91	7.88	2.8	1.82
628	4/19/2007 23:01	11.97	49.197	32.07	7.89	7.86	2.8	1.92
629	4/19/2007 23:16	11.75	49.422	32.22	7.9	7.86	3.1	2.01
630	4/19/2007 23:31	11.51	49.751	32.45	7.9	7.86	3.4	2.10
631	4/19/2007 23:46	11.23	49.975	32.6	7.87	7.85	3.5	2.20
632	4/20/2007 00:01	10.99	50.193	32.74	7.85	7.84	4.3	2.31
633	4/20/2007 00:16	10.8	50.445	32.91	7.85	7.84	3.4	2.41
634	4/20/2007 00:31	10.62	50.545	32.98	7.84	7.84	3.2	2.49
635	4/20/2007 00:46	10.47	50.822	33.17	7.85	7.84	2.9	2.59
636	4/20/2007 01:01	10.34	50.993	33.28	7.88	7.84	2.4	2.68
637	4/20/2007 01:16	10.26	51.049	33.32	7.87	7.84	2.4	2.75
638	4/20/2007 01:31	10.21	51.134	33.38	7.88	7.84	2.1	2.81
639	4/20/2007 01:46	10.16	51.254	33.46	7.84	7.84	1.8	2.86
640	4/20/2007 02:01	10.16	51.214	33.43	7.79	7.84	2.0	2.89
641	4/20/2007 02:16	10.15	51.271	33.47	7.73	7.83	1.8	2.91
642	4/20/2007 02:31	10.17	51.13	33.37	7.65	7.83	1.4	2.89
643	4/20/2007 02:46	10.18	51.188	33.41	7.56	7.82	1.5	2.85
644	4/20/2007 03:01	10.21	51.153	33.39	7.41	7.8	1.1	2.81
645	4/20/2007 03:16	10.39	50.83	33.17	7.79	7.85	4.1	2.72
646	4/20/2007 03:31	10.66	50.383	32.86	7.8	7.85	3.7	2.62
647	4/20/2007 03:46	10.7	50.265	32.78	7.86	7.85	4.1	2.51
648	4/20/2007 04:01	10.83	49.953	32.56	7.75	7.85	5.1	2.39
649	4/20/2007 04:16	11.21	49.365	32.15	7.86	7.87	4.4	2.26
650	4/20/2007 04:31	11.4	49.059	31.94	7.81	7.87	3.7	2.12
651	4/20/2007 04:46	11.57	48.773	31.75	7.78	7.88	4.0	1.98
652	4/20/2007 05:01	11.67	48.497	31.55	7.8	7.88	3.9	1.85
653	4/20/2007 05:16	11.53	48.108	31.26	7.7	7.88	3.5	1.71
654	4/20/2007 05:31	11.32	47.556	30.85	7.26	7.87	2.1	1.55
655	4/20/2007 05:46	11.45	47.171	30.58	7.14	7.86	3.1	1.40
656	4/20/2007 06:01	11.54	46.717	30.26	6.6	7.83	2.3	1.25
657	4/20/2007 06:16	11.55	45.812	29.61	6.39	7.8	2.3	1.09
658	4/20/2007 06:31	11.61	45.371	29.3	6.41	7.8	2.8	0.92
659	4/20/2007 06:46	11.71	45.238	29.21	6.4	7.8	2.4	0.76
660	4/20/2007 07:01	11.79	44.951	29.01	6.36	7.8	2.2	0.59
661	4/20/2007 07:16	11.83	44.372	28.6	6.49	7.79	2.5	0.41
662	4/20/2007 07:31	11.84	44.149	28.44	6.86	7.79	2.7	0.24
663	4/20/2007 07:46	11.92	44.116	28.42	6.8	7.79	4.6	0.09
664	4/20/2007 08:01	12.01	44.141	28.44	6.74	7.77	2.9	0.00
665	4/20/2007 08:16	12.13	44.038	28.37	6.67	7.75	2.9	0.00
666	4/20/2007 08:31	12.27				7.74	2.3	0.00
667	4/20/2007 08:46	12.32				7.77	2.6	0.00
668	4/20/2007 09:01	12.34	44.109	28.43	6.58	7.74	2.5	0.00
669	4/20/2007 09:16	12.31	44.133	28.44	6.4	7.73	2.1	0.00
670	4/20/2007 09:31	12.31	44.153	28.46	6.18	7.72	2.0	0.00
671	4/20/2007 09:46	12.32	44.132	28.44	5.87	7.7	2.0	0.08

sonde #2		Indian Island Long-Term Deployment				Water Quality Data		TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	4/20/2007 10:01	12.44	44.151	28.46	5.64	7.69	2.0	0.15
673	4/20/2007 10:16	12.58	44.277	28.56	5.7	7.71	2.1	0.20
674	4/20/2007 10:31	12.79	45.181	29.21	6.97	7.86	2.4	0.29
675	4/20/2007 10:46	12.8	45.443	29.4	6.21	7.81	1.7	0.36
676	4/20/2007 11:01	12.8	45.593	29.5	5.98	7.78	1.4	0.43
677	4/20/2007 11:16	12.76	45.88	29.71	6.21	7.77	1.4	0.52
678	4/20/2007 11:31	12.74	45.956	29.76	7.32	7.89	3.4	0.62
679	4/20/2007 11:46	12.74	45.916	29.74	7.3	7.88	2.9	0.71
680	4/20/2007 12:01	12.71	45.928	29.74	7.5	7.89	4.1	0.82
681	4/20/2007 12:16	12.71	45.9	29.72	7.49	7.88	2.7	0.93
682	4/20/2007 12:31	12.71	46.165	29.91	7.71	7.9	4.5	1.05
683	4/20/2007 12:46	12.74	46.18	29.92	7.54	7.88	3.2	1.16
684	4/20/2007 13:01	12.62	46.852	30.4	7.49	7.87	2.9	1.27
685	4/20/2007 13:16	12.35	47.804	31.08	7.45	7.86	2.3	1.37
686	4/20/2007 13:31	12.3	48.101	31.29	7.53	7.86	2.5	1.47
687	4/20/2007 13:46	12.28	48.233	31.39	7.55	7.86	2.8	1.56
688	4/20/2007 14:01	12.14	48.456	31.54	7.47	7.85	2.8	1.65
689	4/20/2007 14:16	12.02	48.677	31.7	7.51	7.85	2.8	1.73
690	4/20/2007 14:31	11.97	48.823	31.8	7.51	7.84	2.7	1.79
691	4/20/2007 14:46	11.9	48.914	31.86	7.44	7.84	2.2	1.88
692	4/20/2007 15:01	11.69	49.261	32.1	7.48	7.83	2.2	1.94
693	4/20/2007 15:16	11.63	49.354	32.17	7.42	7.83	1.8	2.01
694	4/20/2007 15:31	11.48	49.666	32.39	7.44	7.83	2.3	2.05
695	4/20/2007 15:46	11.43	49.804	32.49	7.47	7.83	2.3	2.10
696	4/20/2007 16:01	11.41	49.746	32.44	7.39	7.82	1.6	2.12
697	4/20/2007 16:16	11.39	49.817	32.49	7.24	7.81	1.6	2.12
698	4/20/2007 16:31	11.39	49.808	32.49	7.1	7.81	1.3	2.11
699	4/20/2007 16:46	11.4	49.714	32.42	7.09	7.8	1.1	2.07
700	4/20/2007 17:01	11.57	49.478	32.26	7.34	7.8	2.0	2.04
701	4/20/2007 17:16	11.57	49.302	32.13	6.74	7.78	1.3	1.96
702	4/20/2007 17:31	11.8	48.837	31.8	6.64	7.8	1.8	1.88
703	4/20/2007 17:46	11.96	48.84	31.81	6.72	7.8	1.7	1.82
704	4/20/2007 18:01	12.16	48.766	31.77	6.73	7.8	1.8	1.74
705	4/20/2007 18:16	12.33	48.591	31.65	6.98	7.83	2.0	1.66
706	4/20/2007 18:31	12.45	48.337	31.47	7.03	7.81	1.9	1.60
707	4/20/2007 18:46	12.72	48.127	31.33	7.41	7.85	2.4	1.53
708	4/20/2007 19:01	13.03	48.047	31.28	8.79	7.91	2.8	1.46
709	4/20/2007 19:16	13.18	47.699	31.04	8.63	7.95	2.8	1.40
710	4/20/2007 19:31	13.22	47.47	30.87	8.71	7.92	2.8	1.34
711	4/20/2007 19:46	13.23	46.986	30.52	8.14	7.86	2.4	1.30
712	4/20/2007 20:01	13.12	46.533	30.19	6.78	7.81	2.3	1.24
713	4/20/2007 20:16	13.15	46.421	30.11	6.64	7.81	2.2	1.22
714	4/20/2007 20:31	13.19	46.348	30.06	6.59	7.8	2.0	1.20
715	4/20/2007 20:46	13.24	46.391	30.09	6.54	7.79	1.8	1.21
716	4/20/2007 21:01	13.29	46.371	30.08	6.47	7.78	1.8	1.22
717	4/20/2007 21:16	13.43	46.452	30.14	7.07	7.78	1.6	1.25
718	4/20/2007 21:31	13.61	46.902	30.47	8.45	7.98	1.2	1.30
719	4/20/2007 21:46	13.61	46.903	30.47	8.44	7.98	1.1	1.35

sonde #2		Indian Island Long-Term Deployment 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	4/20/2007 22:01	13.56	46.981	30.53	8.12	7.96	0.9	1.42
721	4/20/2007 22:16	13.55	47.087	30.61	8.6	7.98	2.0	1.48
722	4/20/2007 22:31	13.48	47.196	30.68	8.4	7.97	1.8	1.55
723	4/20/2007 22:46	13.27	47.445	30.86	8.29	7.95	1.4	1.62
724	4/20/2007 23:01	12.85	48.36	31.5	8.29	7.93	1.9	1.69
725	4/20/2007 23:16	12.78	48.394	31.52	8.19	7.92	1.5	1.76
726	4/20/2007 23:31	12.65	48.499	31.6	8.04	7.91	1.2	1.84
727	4/20/2007 23:46	12.32	48.984	31.93	7.99	7.9	1.2	1.92
728	4/21/2007 00:01	11.95	49.556	32.33	7.94	7.88	1.6	2.00
729	4/21/2007 00:16	11.81	49.592	32.35	7.94	7.88	1.4	2.09
730	4/21/2007 00:31	11.58	49.879	32.55	8.06	7.89	2.2	2.19
731	4/21/2007 00:46	11.45	50.04	32.66	8.07	7.88	2.0	2.27
732	4/21/2007 01:01	11.32	50.125	32.71	7.95	7.88	2.0	2.35
733	4/21/2007 01:16	11.13	50.325	32.85	7.93	7.87	1.7	2.45
734	4/21/2007 01:31	10.91	50.569	33.01	7.94	7.87	1.7	2.53
735	4/21/2007 01:46	10.77	50.68	33.08	7.89	7.86	1.5	2.59
736	4/21/2007 02:01	10.66	50.814	33.17	7.87	7.85	1.4	2.66
737	4/21/2007 02:16	10.59	50.9	33.23	7.79	7.85	1.3	2.72
738	4/21/2007 02:31	10.55	50.954	33.27	7.72	7.84	1.2	2.75
739	4/21/2007 02:46	10.53	50.939	33.26	7.58	7.84	1.3	2.77
740	4/21/2007 03:01	10.55	50.952	33.27	7.68	7.85	2.0	2.80
741	4/21/2007 03:16	10.56	50.918	33.24	7.66	7.85	1.0	2.78
742	4/21/2007 03:31	10.56	50.899	33.23	7.64	7.83	1.0	2.74
743	4/21/2007 03:46	10.61	50.808	33.17	7.57	7.84	1.2	2.69
744	4/21/2007 04:01	10.9	50.456	32.93	7.92	7.87	3.3	2.61
745	4/21/2007 04:16	10.99	50.264	32.79	7.86	7.86	2.5	2.53
746	4/21/2007 04:31	11.13	50.087	32.67	7.64	7.85	2.1	2.43
747	4/21/2007 04:46	11.13	50.026	32.63	7.68	7.87	2.6	2.32
748	4/21/2007 05:01	11.31	49.795	32.47	7.91	7.88	3.3	2.21
749	4/21/2007 05:16	11.48	49.523	32.28	7.93	7.89	2.9	2.10
750	4/21/2007 05:31	11.8	49.009	31.93	7.93	7.9	2.8	1.97
751	4/21/2007 05:46	11.73	48.595	31.62	7.86	7.89	2.5	1.84
752	4/21/2007 06:01	11.82	48.341	31.44	7.69	7.89	2.4	1.71
753	4/21/2007 06:16	11.75	47.558	30.88	7.62	7.9	3.2	1.58
754	4/21/2007 06:31	11.82	47.259	30.66	7.5	7.9	2.5	1.44
755	4/21/2007 06:46	11.91	46.861	30.38	7.21	7.87	2.2	1.30
756	4/21/2007 07:01	11.98	46.45	30.09	6.56	7.82	2.3	1.15
757	4/21/2007 07:16	12.06	46.103	29.84	6.45	7.8	2.2	1.01
758	4/21/2007 07:31	12.14	46.027	29.79	6.54	7.8	2.1	0.86
759	4/21/2007 07:46	12.25	45.875	29.69	6.54	7.8	2.1	0.70
760	4/21/2007 08:01	12.38	45.863	29.68	6.44	7.79	1.7	0.54
761	4/21/2007 08:16	12.47	45.581	29.48	6.2	7.76	1.8	0.41
762	4/21/2007 08:31	12.56	45.108	29.15	6.19	7.75	2.4	0.26
763	4/21/2007 08:46	12.63	44.712	28.87	6.54	7.75	2.9	0.14
764	4/21/2007 09:01	12.76	44.877	28.99	6.46	7.75	3.4	0.03
765	4/21/2007 09:16	12.83	44.754	28.9	6.48	7.74	3.5	0.00
766	4/21/2007 09:31	12.9	44.688	28.86	6.4	7.73	3.5	0.00
767	4/21/2007 09:46	12.96	44.715	28.88	6.36	7.72	3.4	0.00

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	4/21/2007 10:01	13.01	44.769	28.92	6.24	7.72	2.7	0.00
769	4/21/2007 10:16	13.06	44.94	29.05	6.01	7.7	2.0	0.03
770	4/21/2007 10:31	13.1	45.141	29.19	5.39	7.68	1.4	0.09
771	4/21/2007 10:46	13.14	45.412	29.39	4.68	7.64	1.2	0.16
772	4/21/2007 11:01	13.19	44.849	28.98	7.11	7.88	4.8	0.24
773	4/21/2007 11:16	13.18	44.237	28.55	7.19	7.87	4.0	0.30
774	4/21/2007 11:31	13.17	44.287	28.58	6.88	7.85	3.5	0.38
775	4/21/2007 11:46	13.16	44.486	28.72	6.71	7.83	3.0	0.43
776	4/21/2007 12:01	13.19	44.547	28.77	6.32	7.8	1.8	0.52
777	4/21/2007 12:16	13.19	44.682	28.86	6.46	7.82	2.6	0.60
778	4/21/2007 12:31	13.16	44.794	28.94	7.08	7.88	4.0	0.68
779	4/21/2007 12:46	13.09	44.719	28.89	7.32	7.89	4.9	0.76
780	4/21/2007 13:01	13.03	44.611	28.81	7.46	7.89	4.0	0.86
781	4/21/2007 13:16	12.99	44.718	28.88	7.35	7.88	2.9	0.98
782	4/21/2007 13:31	12.86	45.782	29.64	7.36	7.88	3.0	1.07
783	4/21/2007 13:46	12.63	47.68	31	8.06	7.92	8.1	1.58
784	4/21/2007 14:01	12.5	48.118	31.31	8.05	7.91	7.9	1.73
785	4/21/2007 14:16	12.41	48.379	31.5	8.04	7.91	7.9	1.85
786	4/21/2007 14:31	12.35	48.488	31.58	8.03	7.9	8.1	1.96
787	4/21/2007 14:46	12.17	48.715	31.73	8.03	7.9	8.9	2.06
788	4/21/2007 15:01	11.99	48.871	31.84	8.04	7.89	9.0	2.18
789	4/21/2007 15:16	11.86	48.959	31.89	8.04	7.89	8.6	2.28
790	4/21/2007 15:31	11.68	49.331	32.16	8.01	7.88	8.4	2.36
791	4/21/2007 15:46	11.41	49.737	32.44	8.06	7.88	8.4	2.43
792	4/21/2007 16:01	11.29	49.927	32.57	8.04	7.88	7.5	2.48
793	4/21/2007 16:16	11.2	50.033	32.64	8.04	7.88	6.6	2.55
794	4/21/2007 16:31	11.16	50.084	32.67	8.03	7.88	6.1	2.59
795	4/21/2007 16:46	11.12	50.123	32.7	8.03	7.88	6.7	2.65
796	4/21/2007 17:01	11.1	50.184	32.74	8	7.88	5.1	2.68
797	4/21/2007 17:16	11.09	50.195	32.75	7.92	7.87	3.9	2.69
798	4/21/2007 17:31	11.12	50.147	32.72	7.79	7.87	3.7	2.71
799	4/21/2007 17:46	11.35	49.623	32.35	7.95	7.89	3.7	2.69
800	4/21/2007 18:01	11.46	49.27	32.1	8.16	7.91	4.7	2.65
801	4/21/2007 18:16	11.5	49.517	32.28	8.09	7.89	5.9	2.60
802	4/21/2007 18:31	11.52	49.497	32.27	8.18	7.9	5.3	2.55
803	4/21/2007 18:46	11.55	49.423	32.21	8.25	7.91	5.7	2.49
804	4/21/2007 19:01	11.55	49.46	32.24	8.1	7.9	6.6	2.41
805	4/21/2007 19:16	11.48	49.577	32.32	8.16	7.89	7.1	2.34
806	4/21/2007 19:31	11.42	49.65	32.37	8.16	7.89	7.9	2.28
807	4/21/2007 19:46	11.56	49.427	32.22	8.09	7.89	7.3	2.22
808	4/21/2007 20:01	11.67	49.222	32.08	8.07	7.89	7.9	2.18
809	4/21/2007 20:16	11.81	48.97	31.9	7.98	7.89	6.8	2.12
810	4/21/2007 20:31	11.87	48.837	31.81	7.95	7.87	6.4	2.08
811	4/21/2007 20:46	11.95	48.738	31.74	7.88	7.88	5.8	2.07
812	4/21/2007 21:01	12.05	48.565	31.62	7.87	7.89	6.4	2.03
813	4/21/2007 21:16	12.09	48.495	31.57	7.8	7.89	5.5	2.02
814	4/21/2007 21:31	12.12	48.523	31.59	7.32	7.85	4.0	2.00
815	4/21/2007 21:46	12.05	48.577	31.63	7.78	7.87	4.5	1.99

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	4/21/2007 22:01	12.02	48.401	31.5	7.9	7.88	6.5	2.00
817	4/21/2007 22:16	12.19	48.117	31.3	8	7.91	5.3	2.01
818	4/21/2007 22:31	12.16	48.281	31.42	8.03	7.9	5.7	2.04
819	4/21/2007 22:46	12	48.642	31.67	7.93	7.89	5.6	2.08
820	4/21/2007 23:01	11.93	48.725	31.73	7.94	7.89	6.2	2.11
821	4/21/2007 23:16	11.95	48.551	31.6	8.08	7.9	5.2	2.17
822	4/21/2007 23:31	11.77	49.034	31.94	7.96	7.88	5.0	2.23
823	4/21/2007 23:46	11.61	49.064	31.96	7.97	7.88	5.1	2.28
824	4/22/2007 00:01	11.54	49.037	31.93	8.01	7.88	4.5	2.36
825	4/22/2007 00:16	11.45	49.298	32.12	7.96	7.88	4.8	2.42
826	4/22/2007 00:31	11.4	49.64	32.36	7.92	7.87	4.7	2.48
827	4/22/2007 00:46	11.29	49.723	32.42	7.89	7.87	5.2	2.57
828	4/22/2007 01:01	11.13	49.922	32.55	7.87	7.86	5.4	2.64
829	4/22/2007 01:16	11.14	49.873	32.52	7.87	7.86	4.4	2.71
830	4/22/2007 01:31	10.98	50.1	32.68	7.86	7.86	5.2	2.78
831	4/22/2007 01:46	10.98	50.088	32.67	7.86	7.86	4.3	2.86
832	4/22/2007 02:01	10.85	50.159	32.71	7.86	7.85	4.6	2.93
833	4/22/2007 02:16	10.74	50.307	32.81	7.86	7.85	4.8	2.99
834	4/22/2007 02:31	10.63	50.401	32.87	7.85	7.85	4.0	3.05
835	4/22/2007 02:46	10.6	50.378	32.85	7.83	7.85	3.8	3.10
836	4/22/2007 03:01	10.42	50.678	33.06	7.83	7.84	3.8	3.14
837	4/22/2007 03:16	10.36	50.696	33.07	7.81	7.84	3.7	3.18
838	4/22/2007 03:31	10.33	50.758	33.11	7.79	7.83	3.4	3.21
839	4/22/2007 03:46	10.38	50.734	33.1	7.61	7.83	3.0	3.21
840	4/22/2007 04:01	10.29	50.851	33.18	7.67	7.83	3.7	3.21
841	4/22/2007 04:16	10.29	50.845	33.17	7.67	7.83	4.3	3.20
842	4/22/2007 04:31	10.5	50.581	33	7.57	7.83	3.1	3.16
843	4/22/2007 04:46	10.89	49.997	32.6	7.51	7.82	3.5	3.11
844	4/22/2007 05:01	10.91	49.94	32.56	7.57	7.82	3.4	3.05
845	4/22/2007 05:16	10.97	49.929	32.55	7.58	7.83	3.4	2.97
846	4/22/2007 05:31	11.02	49.76	32.43	7.59	7.84	4.2	2.87
847	4/22/2007 05:46	11.15	49.591	32.32	7.65	7.85	5.4	2.77
848	4/22/2007 06:01	11.3	49.196	32.04	7.56	7.84	3.7	2.67
849	4/22/2007 06:16	11.32	49.142	32	7.56	7.84	3.8	2.55
850	4/22/2007 06:31	11.36	49.099	31.97	7.54	7.84	4.6	2.45
851	4/22/2007 06:46	11.42	48.856	31.8	7.62	7.86	7.9	2.33
852	4/22/2007 07:01	11.48	47.692	30.96	7.61	7.86	4.4	2.22
853	4/22/2007 07:16	11.55	48.649	31.65	7.54	7.86		2.08
854	4/22/2007 07:31	11.58	48.501	31.55	7.58	7.86	6.0	1.97
855	4/22/2007 07:46	11.74	48.158	31.31	7.56	7.87	6.7	1.84
856	4/22/2007 08:01	11.66	48.46	31.52	7.59	7.87		1.71
857	4/22/2007 08:16	11.78	48.315	31.42	7.7	7.88	5.4	1.58
858	4/22/2007 08:31	11.93	48.16	31.32	7.8	7.9	5.1	1.44
859	4/22/2007 08:46	12.1	47.914	31.15	7.92	7.92	5.9	1.30
860	4/22/2007 09:01	12.25	47.814	31.08	7.92	7.93	6.4	1.17
861	4/22/2007 09:16	12.34	47.531	30.88	7.95	7.94	6.0	1.05
862	4/22/2007 09:31	12.39	47.517	30.87	7.99	7.95	5.6	0.94
863	4/22/2007 09:46	12.46	47.334	30.75	7.98	7.97	6.5	0.85

sonde #2		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
864	4/22/2007 10:01	12.51	47.244	30.68	7.98	7.97	6.0	0.77
865	4/22/2007 10:16	12.54	47.281	30.71	7.91	7.97	4.8	0.72
866	4/22/2007 10:31	12.63	47.305	30.73	7.92	7.97	5.3	0.69
867	4/22/2007 10:46	12.56	47.357	30.77	8.07	7.95	5.4	0.70
868	4/22/2007 11:01	12.53	47.37	30.77	7.99	7.95	6.3	0.75
869	4/22/2007 11:16	12.49	47.43	30.82	7.91	7.94	5.7	0.78
870	4/22/2007 11:31	12.64	47.469	30.85	7.93	7.94	7.6	0.84
871	4/22/2007 11:46	12.82	46.658	30.27	7.95	7.93	7.6	0.91
872	4/22/2007 12:01	12.73	46.241	29.97	7.89	7.92	6.6	0.96
873	4/22/2007 12:16	12.49	47.225	30.67	7.78	7.91	7.1	1.00
874	4/22/2007 12:31	12.58	46.608	30.23	7.83	7.91	7.0	1.07
875	4/22/2007 12:46	12.48	46.983	30.49	7.78	7.91	6.5	1.13
876	4/22/2007 13:01	12.48	46.801	30.36	7.78	7.91	7.0	1.19
877	4/22/2007 13:16	12.4	46.842	30.39	7.74	7.9	6.8	1.28
878	4/22/2007 13:31	12.39	46.792	30.35	7.74	7.9	7.0	1.34
879	4/22/2007 13:46	12.35	46.993	30.5	7.67	7.89	7.8	1.44
880	4/22/2007 14:01	12.39	46.818	30.37	7.58	7.88	8.2	1.52
881	4/22/2007 14:16	12.53	46.911	30.44	7.59	7.87	7.1	1.62
882	4/22/2007 14:31	12.51	47.539	30.9	7.62	7.87	6.0	1.72
883	4/22/2007 14:46	12.2	48.016	31.23	7.43	7.85	6.0	1.80
884	4/22/2007 15:01	12.2	48.147	31.32	7.38	7.85	5.9	1.90
885	4/22/2007 15:16	12.27	48.183	31.35	7.39	7.85	5.6	1.97
886	4/22/2007 15:31	12.23	48.303	31.44	7.36	7.84	5.7	2.08
887	4/22/2007 15:46	12.13	48.307	31.43	7.31	7.84	5.7	2.13
888	4/22/2007 16:01	12.01	48.379	31.48	7.29	7.83	5.9	2.20
889	4/22/2007 16:16	12.02	48.536	31.6	7.37	7.83	6.5	2.29
890	4/22/2007 16:31	12.03	48.628	31.66	7.41	7.83	6.5	2.35
891	4/22/2007 16:46	12.03	48.722	31.73	7.44	7.83	5.8	2.39
892	4/22/2007 17:01	12.05	48.804	31.79	7.45	7.83	5.3	2.45
893	4/22/2007 17:16	11.97	49.012	31.94	7.4	7.82	5.4	2.50
894	4/22/2007 17:31	11.79	49.352	32.18	7.54	7.82	5.4	2.56
895	4/22/2007 17:46	11.68	49.524	32.29	7.54	7.82	4.6	2.59
896	4/22/2007 18:01	11.63	49.596	32.34	7.61	7.82	4.5	2.63
897	4/22/2007 18:16	11.76	49.482	32.27	7.47	7.82	3.7	2.64
898	4/22/2007 18:31	11.58	49.702	32.42	7.4	7.81	3.4	2.64
899	4/22/2007 18:46	11.66	49.585	32.34	7.36	7.81	3.5	2.63
900	4/22/2007 19:01	11.76	49.462	32.25	7.43	7.82	3.7	2.59
901	4/22/2007 19:16	12.01	48.951	31.9	7.36	7.82	5.1	2.55
902	4/22/2007 19:31	12.15	48.759	31.76	7.32	7.83	4.3	2.49
903	4/22/2007 19:46	12.29	48.634	31.68	7.39	7.84	4.2	2.46
904	4/22/2007 20:01	12.42	48.506	31.59	7.55	7.86	3.9	2.39
905	4/22/2007 20:16	12.61	48.434	31.55	7.89	7.91	4.1	2.33
906	4/22/2007 20:31	12.7	48.327	31.47	8.14	7.93	4.0	2.29
907	4/22/2007 20:46	12.86	48.221	31.4	8.28	7.96	3.5	2.22
908	4/22/2007 21:01	12.88	48.149	31.35	8.31	7.97	4.3	2.17
909	4/22/2007 21:16	12.94	48.115	31.33	8.24	7.97	3.7	2.13
910	4/22/2007 21:31	12.84	48.003	31.24	8.15	7.94	3.4	2.10
911	4/22/2007 21:46	12.9	47.909	31.18	8.04	7.93	3.2	2.07

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	4/22/2007 22:01	12.88	47.854	31.14	7.88	7.92	2.4	2.05
913	4/22/2007 22:16	12.87	47.78	31.08	7.78	7.91	1.9	2.05
914	4/22/2007 22:31	12.89	47.767	31.07	7.62	7.89	2.1	2.03
915	4/22/2007 22:46	12.84	47.962	31.21	7.97	7.92	3.2	2.02
916	4/22/2007 23:01	12.87	47.937	31.2	8.06	7.92	3.5	2.01
917	4/22/2007 23:16	12.82	47.787	31.09	8.07	7.93	3.5	2.06
918	4/22/2007 23:31	12.8	47.768	31.07	8.05	7.92	3.4	2.09
919	4/22/2007 23:46	12.78	48.052	31.28	7.97	7.92	4.2	2.12
920	4/23/2007 00:01	12.73	48.104	31.31	7.94	7.92	4.2	2.15
921	4/23/2007 00:16	12.66	47.903	31.16	7.88	7.9	3.8	2.19
922	4/23/2007 00:31	12.65	47.963	31.21	7.8	7.89	3.7	2.22
923	4/23/2007 00:46	12.55	48.172	31.35	7.68	7.88	4.0	2.27
924	4/23/2007 01:01	12.38	48.406	31.52	7.58	7.86	4.0	2.32
925	4/23/2007 01:16	12.24	48.641	31.68	7.57	7.85	3.9	2.37
926	4/23/2007 01:31	12.22	48.597	31.65	7.66	7.86	3.8	2.42
927	4/23/2007 01:46	12.1	48.628	31.67	7.71	7.86	3.7	2.46
928	4/23/2007 02:01	11.87	49.024	31.94	7.68	7.85	3.9	2.52
929	4/23/2007 02:16	11.81	48.97	31.9	7.71	7.86	3.3	2.62
930	4/23/2007 02:31	11.71	49.216	32.07	7.68	7.85	3.3	2.66
931	4/23/2007 02:46	11.63	49.279	32.11	7.69	7.85	3.0	2.71
932	4/23/2007 03:01	11.5	49.427	32.22	7.65	7.84	3.2	2.79
933	4/23/2007 03:16	11.25	49.764	32.45	7.65	7.83	3.0	2.84
934	4/23/2007 03:31	11.14	49.944	32.57	7.58	7.82	3.5	2.90
935	4/23/2007 03:46	11.15	49.968	32.59	7.57	7.82	3.4	2.93
936	4/23/2007 04:01	11.02	50.218	32.76	7.56	7.82	3.5	2.96
937	4/23/2007 04:16	11.06	50.021	32.62	7.57	7.82	3.2	2.98
938	4/23/2007 04:31	11.05	49.993	32.6	7.35	7.81	1.3	3.03
939	4/23/2007 04:46	11.13	50.002	32.61	7.22	7.81	1.6	3.04
940	4/23/2007 05:01	10.97	50.302	32.82	7.28	7.8	3.2	3.03
941	4/23/2007 05:16	11.2	49.874	32.52	7.36	7.81	2.3	3.04
942	4/23/2007 05:31	10.99	50.232	32.77	7.33	7.8	2.6	2.98
943	4/23/2007 05:46	11.03	50.095	32.67	7.37	7.81	2.8	2.95
944	4/23/2007 06:01	11.27	49.466	32.23	7.36	7.8	2.9	2.87
945	4/23/2007 06:16	11.34	49.524	32.28	7.4	7.82	3.4	2.81
946	4/23/2007 06:31	11.49	49.287	32.11	7.33	7.81	3.3	2.74
947	4/23/2007 06:46	11.59	49.246	32.09	7.39	7.82	3.7	2.67
948	4/23/2007 07:01	11.66	49.11	31.99	7.26	7.82	3.4	2.58
949	4/23/2007 07:16	12	48.4	31.5	7.15	7.82	5.7	2.50
950	4/23/2007 07:31	12.03	48.436	31.52	7.1	7.81	2.7	2.39
951	4/23/2007 07:46	12.11	48.311	31.44	7.22	7.82	2.8	2.27
952	4/23/2007 08:01	12.26	48.195	31.36	7.29	7.84	4.2	2.18
953	4/23/2007 08:16	12.37	48.038	31.25	7.43	7.86	3.6	2.09
954	4/23/2007 08:31	12.54	47.77	31.06	7.57	7.88	3.8	1.98
955	4/23/2007 08:46	12.67	47.584	30.93	7.83	7.92	3.2	1.86
956	4/23/2007 09:01	12.8	47.58	30.94	8.14	7.95	3.3	1.76
957	4/23/2007 09:16	12.95	47.515	30.89	8.39	7.99	2.9	1.66
958	4/23/2007 09:31	13.11	47.493	30.88	8.59	8.02	3.4	1.50
959	4/23/2007 09:46	13.33	47.462	30.87	9.05	8.06	4.0	1.39

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
960	4/23/2007 10:01	13.55	47.384	30.82	9.04	8.07	3.5	1.28
961	4/23/2007 10:16	13.69	47.225	30.71	8.96	8.08	3.0	1.18
962	4/23/2007 10:31	13.78	47.237	30.72	9.03	8.09	2.7	1.08
963	4/23/2007 10:46	13.84	47.195	30.69	8.97	8.08	2.4	1.00
964	4/23/2007 11:01	13.93	47.174	30.68	8.91	8.09	2.0	0.95
965	4/23/2007 11:16	13.94	47.183	30.69	8.18	8.07	0.9	0.90
966	4/23/2007 11:31	13.94	47.249	30.73	9.12	8.08	3.1	0.90
967	4/23/2007 11:46	13.57	47.254	30.73	8.71	8.03	2.8	0.90
968	4/23/2007 12:01	13.41	47.297	30.75	8.49	8	2.6	0.92
969	4/23/2007 12:16	13.43	47.278	30.74	8.51	8	3.0	0.96
970	4/23/2007 12:31	13.61	47.328	30.78	8.38	8.02	3.1	0.98
971	4/23/2007 12:46	13.8	47.275	30.75	8.72	8.03	3.5	1.02
972	4/23/2007 13:01	14.03	46.361	30.1	8.68	8.02	4.0	1.07
973	4/23/2007 13:16	13.75	47.052	30.59	8.59	8.02	3.4	1.12
974	4/23/2007 13:31	13.75	46.949	30.51	8.56	8.01	3.7	1.17
975	4/23/2007 13:46	13.69	46.94	30.5	8.52	8.01	4.0	1.24
976	4/23/2007 14:01	13.54	47.072	30.59	8.43	7.99	4.2	1.28
977	4/23/2007 14:16	13.56	46.894	30.47	8.42	7.99	4.6	1.36
978	4/23/2007 14:31	13.43	46.353	30.07	8.35	7.98	5.2	1.44
979	4/23/2007 14:46	13.38	46.437	30.13	8.27	7.97	5.1	1.53
980	4/23/2007 15:01	13.2	45.878	29.72	8.08	7.94	5.3	1.61
981	4/23/2007 15:16	13.03	46.2	29.95	7.96	7.92	4.3	1.69
982	4/23/2007 15:31	12.99	45.961	29.78	7.83	7.91	3.9	1.77
983	4/23/2007 15:46	13.1	45.978	29.79	7.75	7.89	3.8	1.87
984	4/23/2007 16:01	13.06	46.125	29.9	7.61	7.88	4.0	1.93
985	4/23/2007 16:16	12.98	47.319	30.75	7.51	7.87	3.6	2.01
986	4/23/2007 16:31	13.02	47.254	30.71	7.54	7.87	3.4	2.08
987	4/23/2007 16:46	12.7	47.03	30.54	7.44	7.85	3.7	2.16
988	4/23/2007 17:01	12.76	47.814	31.1	7.43	7.85	3.7	2.23
989	4/23/2007 17:16	12.53	47.98	31.21	7.27	7.84	3.4	2.29
990	4/23/2007 17:31	12.48	48.212	31.38	7.26	7.83	3.7	2.35
991	4/23/2007 17:46	12.45	47.968	31.2	7.26	7.82	3.4	2.40
992	4/23/2007 18:01	12.34	47.882	31.14	7.34	7.82	3.8	2.46
993	4/23/2007 18:16	12.25	48.349	31.47	7.37	7.82	4.0	2.51
994	4/23/2007 18:31	12.15	48.512	31.58	7.4	7.81	4.0	2.54
995	4/23/2007 18:46	12.06	48.329	31.45	7.51	7.81	3.9	2.60
996	4/23/2007 19:01	12	48.795	31.78	7.61	7.81	3.7	2.63
997	4/23/2007 19:16	11.96	48.405	31.5	7.61	7.82	3.5	2.65
998	4/23/2007 19:31	11.98	48.173	31.33	7.5	7.81	3.2	2.64
999	4/23/2007 19:46	11.98	48.791	31.78	7.46	7.81	2.8	2.66
1000	4/23/2007 20:01	12.03	48.18	31.34	7.47	7.81	2.9	2.63
1001	4/23/2007 20:16	12.13	48.388	31.49	7.4	7.82	3.8	2.58
1002	4/23/2007 20:31	12.33	47.94	31.18	7.4	7.83	3.2	2.56
1003	4/23/2007 20:46	12.4	47.894	31.15	7.32	7.83	3.3	2.51
1004	4/23/2007 21:01	12.42	47.941	31.18	7.3	7.83	3.2	2.44
1005	4/23/2007 21:16	12.55	47.847	31.12	7.33	7.84	2.9	2.40
1006	4/23/2007 21:31	12.68	47.532	30.9	7.26	7.83	2.6	2.34
1007	4/23/2007 21:46	13.14	46.952	30.5	8.04	7.94	2.9	2.30

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	4/23/2007 22:01	12.9	45.89	29.72	7.59	7.88	2.5	2.25
1009	4/23/2007 22:16	13.28	47.542	30.93	8.09	7.96	2.6	2.21
1010	4/23/2007 22:31	13.23	47.707	31.04	7.98	7.94	2.1	2.18
1011	4/23/2007 22:46	13.29	47.589	30.96	8.06	7.95	2.1	2.14
1012	4/23/2007 23:01	13.32	47.561	30.94	7.92	7.95	1.6	2.12
1013	4/23/2007 23:16	13.27	47.486	30.89	7.84	7.94	1.9	2.09
1014	4/23/2007 23:31	13.2	47.376	30.8	7.77	7.92	2.5	2.06
1015	4/23/2007 23:46	13.18	47.445	30.85	7.25	7.9	1.5	2.04
1016	4/24/2007 00:01	13.32	46.499	30.17	7.51	7.92	0.9	2.05
1017	4/24/2007 00:16	13.29	46.976	30.52	7.93	7.94	2.2	2.06
1018	4/24/2007 00:31	13.17	46.964	30.5	7.89	7.92	2.3	2.04
1019	4/24/2007 00:46	13.18	47.274	30.73	7.94	7.93	2.8	2.08
1020	4/24/2007 01:01	13.06	47.696	31.03	7.72	7.9	3.1	2.11
1021	4/24/2007 01:16	13.04	47.335	30.77	7.74	7.91	2.7	2.14
1022	4/24/2007 01:31	13	47.322	30.76	7.63	7.89	2.7	2.18
1023	4/24/2007 01:46	12.92	47.501	30.88	7.55	7.87	2.8	2.21
1024	4/24/2007 02:01	12.82	47.307	30.74	7.43	7.86	3.4	2.24
1025	4/24/2007 02:16	12.76	46.523	30.17	7.5	7.86	3.0	2.30
1026	4/24/2007 02:31	12.67	46.7	30.3	7.54	7.86	3.2	2.34
1027	4/24/2007 02:46	12.63	47.467	30.85	7.51	7.86	2.8	2.39
1028	4/24/2007 03:01	12.54	47.534	30.89	7.55	7.86	2.9	2.45
1029	4/24/2007 03:16	12.4	48.21	31.38	7.58	7.85	2.9	2.50
1030	4/24/2007 03:31	12.31	47.42	30.8	7.64	7.85	2.9	2.56
1031	4/24/2007 03:46	12.25	47.09	30.56	7.7	7.86	2.8	2.60
1032	4/24/2007 04:01	12.12	46.067	29.82	7.79	7.86	2.5	2.65
1033	4/24/2007 04:16	12.04	47.464	30.82	7.77	7.85	2.8	2.71
1034	4/24/2007 04:31	11.96	48.022	31.22	7.77	7.85	2.9	2.75
1035	4/24/2007 04:46	11.83	48.323	31.43	7.72	7.84	2.8	2.78
1036	4/24/2007 05:01	11.62	49.033	31.94	7.75	7.82	2.9	2.82
1037	4/24/2007 05:16	11.52	49.203	32.05	7.74	7.82	2.6	2.85
1038	4/24/2007 05:31	11.49	49.703	32.41	7.69	7.82	2.7	2.86
1039	4/24/2007 05:46	11.48	49.563	32.31	7.3	7.81	1.9	2.88
1040	4/24/2007 06:01	12.2	48.224	31.38	7.18	7.82	1.6	2.87
1041	4/24/2007 06:16	11.62	48.12	31.28	7.46	7.82	2.9	2.87
1042	4/24/2007 06:31	11.78	46.755	30.3	7.44	7.81	2.5	2.87
1043	4/24/2007 06:46	11.92	47.687	30.98	7.3	7.81	3.7	2.81
1044	4/24/2007 07:01	11.94	47.629	30.94	6.81	7.79	2.8	2.77
1045	4/24/2007 07:16	11.93	48.944	31.89	7.17	7.81	2.8	2.73
1046	4/24/2007 07:31	11.92	49.015	31.94	7.34	7.82	3.1	2.67
1047	4/24/2007 07:46	12.02	48.907	31.86	7.36	7.83	3.4	2.59
1048	4/24/2007 08:01	12.22	48.57	31.63	7.22	7.82	3.1	2.52
1049	4/24/2007 08:16	12.29	48.365	31.48	7.14	7.81	2.4	2.44
1050	4/24/2007 08:31	12.43	48.177	31.35	7.06	7.81	2.4	2.36
1051	4/24/2007 08:46	12.7	47.74	31.05	7.31	7.85	2.5	2.27
1052	4/24/2007 09:01	12.89	47.716	31.04	7.5	7.88	2.4	2.19
1053	4/24/2007 09:16	12.99	47.641	30.99	7.91	7.92	3.9	2.09
1054	4/24/2007 09:31	13.25	47.483	30.88	7.84	7.93	2.9	1.98
1055	4/24/2007 09:46	13.48	47.311	30.77	8.17	7.98	2.6	1.89

sonde #2		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
1056	4/24/2007 10:01	13.59	45.909	29.76	9	8.03	2.4	1.79
1057	4/24/2007 10:16	13.82	46.561	30.23	9.07	8.06	2.6	1.68
1058	4/24/2007 10:31	14.06	46.615	30.28	9.46	8.1	2.5	1.58
1059	4/24/2007 10:46	14.27	46.131	29.94	9.7	8.12	2.1	1.48
1060	4/24/2007 11:01	14.45	46.655	30.32	9.98	8.15	2.3	1.39
1061	4/24/2007 11:16	14.6	47.113	30.65	9.64	8.15	2.6	1.29
1062	4/24/2007 11:31	14.63	47.037	30.6	9.36	8.13	3.0	1.21
1063	4/24/2007 11:46	14.62	47.062	30.62	9.15	8.11	2.1	1.15
1064	4/24/2007 12:01	14.61	46.907	30.5	8.9	8.1	2.1	1.08
1065	4/24/2007 12:16	14.64	47.03	30.59	8.07	8.05	0.9	1.06
1066	4/24/2007 12:31	14.95	46.678	30.35	9.62	8.15	4.2	1.05
1067	4/24/2007 12:46	14.43	46.562	30.25	8.94	8.07	2.1	1.02
1068	4/24/2007 13:01	14.27	46.818	30.43	8.8	8.04	2.8	1.04
1069	4/24/2007 13:16	14.19	47.09	30.63	8.74	8.03	3.9	1.05
1070	4/24/2007 13:31	14.36	47.134	30.66	8.91	8.05	2.8	1.07
1071	4/24/2007 13:46	14.87	46.966	30.55	9.05	8.07	2.6	1.12
1072	4/24/2007 14:01	14.63	47.12	30.66	9.03	8.06	3.1	1.15
1073	4/24/2007 14:16	14.77	46.618	30.3	8.97	8.06	3.7	1.22
1074	4/24/2007 14:31	14.61	46.88	30.49	8.8	8.04	4.2	1.24
1075	4/24/2007 14:46	14.46	46.873	30.48	8.67	8.03	5.4	1.28
1076	4/24/2007 15:01	14.42	46.901	30.5	8.6	8.02	6.1	1.36
1077	4/24/2007 15:16	14.4	46.977	30.55	8.58	8.03	6.1	1.43
1078	4/24/2007 15:31	14.24	46.845	30.45	8.55	8.02	5.9	1.50
1079	4/24/2007 15:46	14.14	46.66	30.31	8.47	8.01	6.4	1.55
1080	4/24/2007 16:01	14.03	46.668	30.32	8.3	7.99	5.1	1.62
1081	4/24/2007 16:16	13.75	47	30.55	8.12	7.96	5.2	1.72
1082	4/24/2007 16:31	13.74	46.953	30.51	8.01	7.94	4.9	1.79
1083	4/24/2007 16:46	13.65	47.033	30.57	7.87	7.92	4.2	1.88
1084	4/24/2007 17:01	13.53	47.329	30.78	7.74	7.9	3.7	1.94
1085	4/24/2007 17:16	13.52	47.351	30.8	7.65	7.89	3.5	2.04
1086	4/24/2007 17:31	13.37	46.377	30.09	7.61	7.88	3.2	2.09
1087	4/24/2007 17:46	13.59	45.527	29.48	7.66	7.88	2.9	2.18
1088	4/24/2007 18:01	13.08	43.442	27.98	7.65	7.86	2.8	2.23
1089	4/24/2007 18:16	12.77	47.621	30.97	7.44	7.84	3.4	2.31
1090	4/24/2007 18:31	12.69	47.102	30.59	7.46	7.84	3.7	2.38
1091	4/24/2007 18:46	12.62	47.354	30.77	7.47	7.83	3.8	2.43
1092	4/24/2007 19:01	12.64	48.078	31.29	7.52	7.84	3.4	2.50
1093	4/24/2007 19:16	12.61	48.406	31.53	7.58	7.84	3.5	2.56
1094	4/24/2007 19:31	12.53	48.677	31.72	7.66	7.84	3.8	2.61
1095	4/24/2007 19:46	12.41	48.929	31.9	7.72	7.83	3.3	2.63
1096	4/24/2007 20:01	12.35	49.118	32.03	7.81	7.84	3.1	2.67
1097	4/24/2007 20:16	12.29	49.178	32.07	7.84	7.84	3.2	2.69
1098	4/24/2007 20:31	12.33	49.074	32	7.66	7.84	3.2	2.70
1099	4/24/2007 20:46	12.28	49.078	32	7.74	7.84	2.6	2.70
1100	4/24/2007 21:01	12.47	49.021	31.97	7.55	7.84	2.6	2.67
1101	4/24/2007 21:16	12.64	48.68	31.73	7.52	7.84	2.3	2.63
1102	4/24/2007 21:31	12.83	48.463	31.58	7.5	7.85	2.8	2.60
1103	4/24/2007 21:46	12.74	48.44	31.56	7.47	7.84	2.7	2.57

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	4/24/2007 22:01	12.79	48.432	31.55	7.42	7.85	2.8	2.53
1105	4/24/2007 22:16	12.88	48.208	31.39	7.41	7.85	3.5	2.44
1106	4/24/2007 22:31	12.99	48.263	31.44	7.4	7.86	2.4	2.38
1107	4/24/2007 22:46	13.32	48.028	31.28	7.57	7.88	2.4	2.32
1108	4/24/2007 23:01	13.55	47.727	31.07	7.68	7.91	2.8	2.30
1109	4/24/2007 23:16	13.62	47.952	31.23	7.6	7.91	1.8	2.25
1110	4/24/2007 23:31	13.56	47.71	31.06	7.5	7.89	1.8	2.19
1111	4/24/2007 23:46	13.99	47.558	30.96	7.92	7.95	2.0	2.14
1112	4/25/2007 00:01	14.03	47.472	30.9	7.83	7.95	2.0	2.11
1113	4/25/2007 00:16	14.02	47.306	30.78	7.76	7.94	1.8	2.07
1114	4/25/2007 00:31	14.09	47.202	30.7	7.75	7.95	1.7	2.00
1115	4/25/2007 00:46	14.1	47.07	30.61	7.67	7.94	1.8	1.99
1116	4/25/2007 01:01	14.16	46.985	30.55	7.69	7.95	2.0	1.98
1117	4/25/2007 01:16	13.88	47.243	30.73	7.44	7.9	1.5	1.95
1118	4/25/2007 01:31	14.04	47.346	30.81	7.52	7.91	2.8	1.96
1119	4/25/2007 01:46	14.08	47.182	30.69	7.64	7.92	2.6	1.99
1120	4/25/2007 02:01	14.01	47.059	30.6	7.77	7.92	2.3	1.96
1121	4/25/2007 02:16	13.9	47.293	30.77	7.58	7.91	2.7	2.01
1122	4/25/2007 02:31	13.8	47.366	30.82	7.67	7.91	2.6	2.03
1123	4/25/2007 02:46	13.61	47.517	30.92	7.53	7.89	2.9	2.07
1124	4/25/2007 03:01	13.65	47.513	30.92	7.56	7.89	2.6	2.11
1125	4/25/2007 03:16	13.52	47.687	31.04	7.48	7.87	2.9	2.14
1126	4/25/2007 03:31	13.63	47.429	30.86	7.58	7.89	2.7	2.19
1127	4/25/2007 03:46	13.59	47.449	30.87	7.56	7.89	2.4	2.21
1128	4/25/2007 04:01	13.35	47.727	31.06	7.44	7.87	2.8	2.26
1129	4/25/2007 04:16	13.11	48.046	31.28	7.44	7.85	2.7	2.32
1130	4/25/2007 04:31	13.06	48.079	31.31	7.49	7.86	2.5	2.38
1131	4/25/2007 04:46	12.88	48.407	31.54	7.6	7.86	2.6	2.40
1132	4/25/2007 05:01	12.77	48.575	31.66	7.64	7.86	2.9	2.46
1133	4/25/2007 05:16	12.61	48.846	31.85	7.62	7.86	3.1	2.51
1134	4/25/2007 05:31	12.44	49.035	31.98	7.74	7.85	2.8	2.55
1135	4/25/2007 05:46	12.31	49.2	32.09	7.79	7.85	2.9	2.58
1136	4/25/2007 06:01	12.34	49.105	32.02	7.76	7.85	2.8	2.62
1137	4/25/2007 06:16	12.28	49.216	32.1	7.71	7.85	2.9	2.67
1138	4/25/2007 06:31	12.21	49.327	32.18	7.73	7.31	3.0	2.69
1139	4/25/2007 06:46	12.28	49.252	32.13	7.62	7.04	4.1	2.71
1140	4/25/2007 07:01	12.38	48.906	31.88	7.19	7.8	1.8	2.73
1141	4/25/2007 07:16	12.53	48.753	31.77	7.2	7.81	1.7	2.75
1142	4/25/2007 07:31	12.56	48.616	31.68	7.37	7.83	2.6	2.75
1143	4/25/2007 07:46	12.52	48.698	31.73	7.42	7.83	4.3	2.73
1144	4/25/2007 08:01	12.65	48.539	31.62	7.58	7.85	6.2	2.68
1145	4/25/2007 08:16	12.79	48.409	31.54	7.58	7.84	8.2	2.66
1146	4/25/2007 08:31	12.75	48.477	31.58	7.61	7.84	7.2	2.61
1147	4/25/2007 08:46	12.74	48.455	31.57	7.74	7.86	7.3	2.54
1148	4/25/2007 09:01	12.75	48.596	31.67	7.94	7.87	7.4	2.49
1149	4/25/2007 09:16	12.88	48.329	31.48	7.95	7.88	7.1	2.40
1150	4/25/2007 09:31	12.94	48.342	31.49	8.02	7.89	8.0	2.29
1151	4/25/2007 09:46	12.97	48.34	31.49	8.16	7.91	6.8	2.23

sonde #2	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	4/25/2007 10:01	13.23	47.853	31.15	8.15	7.9	5.4	2.15
1153	4/25/2007 10:16	13.4	47.755	31.08	8.07	7.92	5.7	2.08
1154	4/25/2007 10:31	13.59	47.699	31.05	8.43	7.97	7.0	2.00
1155	4/25/2007 10:46	13.79	47.525	30.93	8.42	7.99	6.2	1.90
1156	4/25/2007 11:01	13.97	47.385	30.83	8.4	8	6.2	1.83
1157	4/25/2007 11:16	14.07	47.623	31.01	8.96	8.06	6.6	1.70
1158	4/25/2007 11:31	14.21	47.404	30.85	8.84	8.04	5.4	1.61
1159	4/25/2007 11:46	14.3	47.356	30.82	9.02	8.08	6.0	1.53
1160	4/25/2007 12:01	14.45	47.221	30.73	8.99	8.1	5.8	1.42
1161	4/25/2007 12:16	14.69	47.159	30.69	9.03	8.12	6.1	1.36
1162	4/25/2007 12:31	14.68	47.128	30.67	8.89	8.1	5.8	1.30
1163	4/25/2007 12:46	14.8	47.088	30.64	8.75	8.11	7.6	1.22
1164	4/25/2007 13:01	14.89	47.073	30.63	8.61	8.1	6.7	1.13
1165	4/25/2007 13:16	14.92	46.922	30.52	8.53	8.11	3.6	1.13
1166	4/25/2007 13:31	14.93	46.91	30.51	8.45	8.09	8.9	1.08
1167	4/25/2007 13:46	14.92	47.046	30.61	8.4	8.08	6.9	1.08
1168	4/25/2007 14:01	14.96	47.018	30.59	8.91	8.1	9.4	1.09
1169	4/25/2007 14:16	14.82	46.928	30.52	8.87	8.07	7.3	1.09
1170	4/25/2007 14:31	14.85	47.02	30.59	8.77	8.06	6.2	1.10
1171	4/25/2007 14:46	14.97	46.825	30.45	8.66	8.06	5.6	1.17
1172	4/25/2007 15:01	14.93	46.896	30.5	8.62	8.04	5.7	1.20
1173	4/25/2007 15:16	14.81	46.916	30.52	8.52	8.05	9.9	1.25
1174	4/25/2007 15:31	14.84	46.889	30.5	8.49	8.04	9.7	1.32
1175	4/25/2007 15:46	15	46.574	30.27	8.46	8.05	7.8	1.38
1176	4/25/2007 16:01	14.99	46.382	30.13	8.41	8.05	7.5	1.43
1177	4/25/2007 16:16	14.98	46.723	30.38	8.37	8.04	9.0	1.50
1178	4/25/2007 16:31	14.9	46.763	30.41	8.29	8.03	10.8	1.54
1179	4/25/2007 16:46	14.72	46.783	30.42	8.27	8.02	10.4	1.64
1180	4/25/2007 17:01	14.53	46.831	30.45	8.11	7.99	11.7	1.70
1181	4/25/2007 17:16	14.25	47.03	30.58	8.04	7.97	8.8	1.77
1182	4/25/2007 17:31	14.12	47.099	30.63	8	7.96	6.1	1.85
1183	4/25/2007 17:46	13.87	47.406	30.85	7.84	7.93	5.6	1.95
1184	4/25/2007 18:01	13.86	47.36	30.81	7.76	7.92	4.5	2.01
1185	4/25/2007 18:16	13.82	47.36	30.81	7.72	7.92	4.1	2.10
1186	4/25/2007 18:31	13.75	47.483	30.9	7.74	7.91	3.9	2.17
1187	4/25/2007 18:46	13.57	47.675	31.03	7.66	7.9	3.7	2.25
1188	4/25/2007 19:01	13.09	48.197	31.39	7.36	7.85	3.7	2.31
1189	4/25/2007 19:16	13	48.296	31.46	7.43	7.85	4.2	2.37
1190	4/25/2007 19:31	12.97	48.364	31.51	7.53	7.85	3.7	2.43
1191	4/25/2007 19:46	12.9	48.419	31.55	7.6	7.86	4.0	2.50
1192	4/25/2007 20:01	12.83	48.438	31.56	7.7	7.86	3.9	2.55
1193	4/25/2007 20:16	12.7	48.577	31.65	7.78	7.86	3.5	2.59
1194	4/25/2007 20:31	12.61	48.694	31.73	7.81	7.85	3.9	2.66
1195	4/25/2007 20:46	12.54	48.894	31.88	7.88	7.86	4.0	2.68
1196	4/25/2007 21:01	12.46	49	31.95	7.99	7.86	4.2	2.72
1197	4/25/2007 21:16	12.43	49.079	32.01	7.97	7.86	3.9	2.72
1198	4/25/2007 21:31	12.49	48.992	31.95	7.8	7.85	3.7	2.74
1199	4/25/2007 21:46	12.45	49.073	32	7.87	7.86	3.8	2.70

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	4/25/2007 22:01	12.46	48.976	31.93	7.85	7.85	4.0	2.69
1201	4/25/2007 22:16	12.61	48.776	31.79	7.78	7.86	3.5	2.65
1202	4/25/2007 22:31	13.09	48.388	31.53	7.57	7.88	3.7	2.60
1203	4/25/2007 22:46	13.03	48.332	31.49	7.52	7.88	4.5	2.54
1204	4/25/2007 23:01	12.93	48.318	31.48	7.24	7.84	4.5	2.44
1205	4/25/2007 23:16	12.89	48.487	31.6	7.37	7.85	3.7	2.39
1206	4/25/2007 23:31	13.07	48.284	31.46	7.51	7.88	4.3	2.32
1207	4/25/2007 23:46	13.18	48.246	31.43	7.51	7.88	3.4	2.26
1208	4/26/2007 00:01	13.25	47.897	31.18	7.42	7.89	3.5	2.20
1209	4/26/2007 00:16	13.4	47.604	30.97	7.43	7.9	3.9	2.12
1210	4/26/2007 00:31	13.58	47.421	30.85	7.4	7.92	3.9	2.06
1211	4/26/2007 00:46	13.8	47.24	30.72	7.41	7.94	4.4	2.02
1212	4/26/2007 01:01	13.81	47.32	30.78	7.38	7.94	3.6	1.95
1213	4/26/2007 01:16	13.98	47.235	30.73	7.37	7.96	4.8	1.90
1214	4/26/2007 01:31	13.98	47.284	30.76	7.31	7.96	7.3	1.81
1215	4/26/2007 01:46	14.13	47.151	30.67	7.24	7.95	4.9	1.78
1216	4/26/2007 02:01	14.19	47.098	30.63	7.2	7.97	6.2	1.75
1217	4/26/2007 02:16	14.28	47.154	30.67	7.13	7.97	5.1	1.72
1218	4/26/2007 02:31	14.33	47.143	30.67	6.67	7.95	2.9	1.70
1219	4/26/2007 02:46	14.01	47.244	30.73	7.14	7.94	9.3	1.72
1220	4/26/2007 03:01	13.95	47.174	30.68	7.24	7.93	6.7	1.71
1221	4/26/2007 03:16	14.06	47.145	30.66	7.35	7.97	5.4	1.72
1222	4/26/2007 03:31	13.98	47.154	30.67	7.39	7.97	5.5	1.78
1223	4/26/2007 03:46	13.89	47.201	30.7	7.35	7.94	6.5	1.79
1224	4/26/2007 04:01	13.79	47.255	30.73	7.29	7.93	9.5	1.85
1225	4/26/2007 04:16	13.85	47.101	30.62	7.43	7.97	7.0	1.91
1226	4/26/2007 04:31	13.73	47.062	30.59	7.32	7.94	6.9	1.94
1227	4/26/2007 04:46	13.62	47.296	30.76	7.3	7.91	7.9	2.01
1228	4/26/2007 05:01	13.62	47.053	30.58	7.4	7.95	5.3	2.07
1229	4/26/2007 05:16	13.47	47.166	30.66	7.39	7.92	5.4	2.12
1230	4/26/2007 05:31	13.33	47.565	30.94	7.39	7.91	5.5	2.15
1231	4/26/2007 05:46	13.25	47.809	31.12	7.43	7.89	4.5	2.21
1232	4/26/2007 06:01	13.13	47.965	31.23	7.46	7.89	4.4	2.24
1233	4/26/2007 06:16	13.1	47.864	31.15	7.52	7.9	3.4	2.28
1234	4/26/2007 06:31	12.92	48.301	31.46	7.6	7.88	3.7	2.32
1235	4/26/2007 06:46	12.85	48.239	31.42	7.65	7.89	3.7	2.39
1236	4/26/2007 07:01	12.78	48.294	31.45	7.68	7.88	3.1	2.44
1237	4/26/2007 07:16	12.7	48.442	31.56	7.69	7.88	3.0	2.47
1238	4/26/2007 07:31	12.65	48.552	31.63	7.69	7.87	2.9	2.51
1239	4/26/2007 07:46	12.56	48.685	31.73	7.74	7.87	2.8	2.53
1240	4/26/2007 08:01	12.49	48.848	31.84	7.77	7.86	3.0	2.56
1241	4/26/2007 08:16	12.44	48.95	31.91	7.76	7.86	3.1	2.60
1242	4/26/2007 08:31	12.41	48.938	31.9	7.66	7.86	1.5	2.60
1243	4/26/2007 08:46	12.39	49.12	32.04	7.68	7.86	3.1	2.59
1244	4/26/2007 09:01	12.36	49.186	32.08	7.76	7.86	4.4	2.57
1245	4/26/2007 09:16	12.63	48.811	31.82	7.58	7.86	3.5	2.55
1246	4/26/2007 09:31	12.66	48.755	31.78	7.63	7.87	4.2	2.50
1247	4/26/2007 09:46	12.73	48.523	31.62	7.61	7.87	4.1	2.46

sonde #2		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
1248	4/26/2007 10:01	12.9	48.316	31.47	7.55	7.88	3.4	2.38
1249	4/26/2007 10:16	13.01	48.236	31.42	7.68	7.9	7.2	2.32
1250	4/26/2007 10:31	13.2	48.1	31.33	7.72	7.91	2.8	2.27
1251	4/26/2007 10:46	13.41	48.043	31.29	7.97	7.94	3.1	2.19
1252	4/26/2007 11:01	13.63	47.981	31.26	7.1	7.96	2.8	2.11
1253	4/26/2007 11:16	13.75	47.914	31.21	8.29	7.98	3.6	2.04
1254	4/26/2007 11:31	13.99	47.918	31.22	8.7	8.01	2.8	1.95
1255	4/26/2007 11:46	14.22	47.968	31.26	9.41	8.07	4.0	1.87
1256	4/26/2007 12:01	14.45	47.873	31.2	9.48	8.12	4.4	1.76
1257	4/26/2007 12:16	14.68	47.621	31.02	9.7	8.13	13.9	1.68
1258	4/26/2007 12:31	14.79	47.58	31	9.76	8.15	4.2	1.59
1259	4/26/2007 12:46	14.94	47.628	31.03	9.77	8.18	4.2	1.49
1260	4/26/2007 13:01	15.07	47.638	31.04	9.83	8.21		1.41
1261	4/26/2007 13:16	15.05	47.409	30.88	9.26	8.17		1.34
1262	4/26/2007 13:31	15.01	47.265	30.77	8.99	8.14		1.28
1263	4/26/2007 13:46	15.02	47.328	30.82	8.64	8.11	1.6	1.22
1264	4/26/2007 14:01	15	47.131	30.68	8.73	8.12	2.9	1.18
1265	4/26/2007 14:16	15.04	47.122	30.67	8.71	8.11	3.4	1.16
1266	4/26/2007 14:31	15.14	47.149	30.69	8.26	8.09	1.4	1.15
1267	4/26/2007 14:46	15.23	47.18	30.72	8.48	8.11	1.3	1.10
1268	4/26/2007 15:01	15.12	47.205	30.73	8.9	8.1	3.1	1.11
1269	4/26/2007 15:16	15.09	47.202	30.73	8.95	8.11	2.6	1.12
1270	4/26/2007 15:31	15.11	47.231	30.75	9.04	8.12	3.1	1.16
1271	4/26/2007 15:46	15.29	47.101	30.66	9	8.12	3.2	1.20
1272	4/26/2007 16:01	15.17	46.952	30.55	8.79	8.1	3.8	1.24
1273	4/26/2007 16:16	15.15	47.026	30.6	8.74	8.09	3.7	1.29
1274	4/26/2007 16:31	15.05	47.137	30.68	8.74	8.09	3.5	1.35
1275	4/26/2007 16:46	15.08	47.081	30.64	8.72	8.09	3.9	1.41
1276	4/26/2007 17:01	15.25	46.722	30.38	8.55	8.08	4.2	1.48
1277	4/26/2007 17:16	15.19	46.856	30.48	8.44	8.07	4.0	1.54
1278	4/26/2007 17:31	15.12	46.826	30.46	8.45	8.07	4.2	1.62
1279	4/26/2007 17:46	14.87	46.966	30.55	8.39	8.05	4.0	1.71
1280	4/26/2007 18:01	14.52	47.247	30.75	8.2	8.01	3.5	1.80
1281	4/26/2007 18:16	14.28	47.383	30.84	8.05	7.97	3.9	1.87
1282	4/26/2007 18:31	14.07	47.527	30.94	7.96	7.95	3.9	1.95
1283	4/26/2007 18:46	13.84	47.769	31.11	7.94	7.94	3.7	2.03
1284	4/26/2007 19:01	13.81	47.818	31.14	7.92	7.93	3.1	2.10
1285	4/26/2007 19:16	13.75	47.777	31.11	7.91	7.93	3.2	2.18
1286	4/26/2007 19:31	13.77	47.707	31.06	7.96	7.94	3.4	2.26
1287	4/26/2007 19:46	13.61	47.85	31.16	7.94	7.93	3.5	2.32
1288	4/26/2007 20:01	13.05	48.56	31.65	7.79	7.88	3.4	2.39
1289	4/26/2007 20:16	13.01	48.678	31.74	7.84	7.88	4.0	2.46
1290	4/26/2007 20:31	12.9	48.748	31.79	7.9	7.88	4.0	2.52
1291	4/26/2007 20:46	12.87	48.745	31.78	7.92	7.88	4.1	2.59
1292	4/26/2007 21:01	12.67	48.993	31.95	8.02	7.88	3.7	2.63
1293	4/26/2007 21:16	12.55	49.127	32.05	8.17	7.88	3.9	2.68
1294	4/26/2007 21:31	12.5	49.186	32.09	8.2	7.88	4.4	2.73
1295	4/26/2007 21:46	12.42	49.267	32.14	8.26	7.88	3.7	2.75

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	4/26/2007 22:01	12.61	49.084	32.02	7.76	7.87	2.3	2.76
1297	4/26/2007 22:16	12.43	49.308	32.17	8.09	7.88	3.7	2.75
1298	4/26/2007 22:31	12.43	49.236	32.12	8.13	7.88	3.6	2.73
1299	4/26/2007 22:46	12.49	49.144	32.06	8.04	7.88	8.9	2.69
1300	4/26/2007 23:01	12.93	48.665	31.73	7.79	7.89	4.3	2.64
1301	4/26/2007 23:16	13.02	48.494	31.61	7.62	7.88	5.4	2.57
1302	4/26/2007 23:31	12.86	48.626	31.7	7.6	7.87		2.50
1303	4/26/2007 23:46	12.84	48.615	31.69	7.62	7.87	4.2	2.42
1304	4/27/2007 00:01	12.98	48.556	31.65	7.71	7.89	4.6	2.33
1305	4/27/2007 00:16	13.03	48.462	31.58	7.66	7.89	4.1	2.25
1306	4/27/2007 00:31	13.27	48.161	31.37	7.6	7.9	3.6	2.18
1307	4/27/2007 00:46	13.61	47.549	30.94	7.6	7.93	4.2	2.10
1308	4/27/2007 01:01	13.78	47.456	30.88	7.59	7.94	4.1	2.02
1309	4/27/2007 01:16	13.95	47.385	30.83	7.57	7.96	4.3	1.95
1310	4/27/2007 01:31	14.24	47.21	30.71	7.51	7.98	4.6	1.87
1311	4/27/2007 01:46	14.26	47.243	30.74	7.49	7.99	6.1	1.79
1312	4/27/2007 02:01	14.22	47.334	30.8	7.34	7.98	6.3	1.72
1313	4/27/2007 02:16	14.38	47.177	30.69	7.39	8	5.9	1.65
1314	4/27/2007 02:31	14.47	47.128	30.66	7.38	8.02	6.2	1.58
1315	4/27/2007 02:46	14.56	47.054	30.61	7.4	8.03	5.7	1.56
1316	4/27/2007 03:01	14.64	47.008	30.58	7.38	8.01	5.3	1.51
1317	4/27/2007 03:16	14.63	47.029	30.59	7.09	8.01	3.9	1.47
1318	4/27/2007 03:31	14.68	46.907	30.51	6.93	8.07	5.9	1.47
1319	4/27/2007 03:46	14.48	47.048	30.6	7.25	8.02	6.5	1.47
1320	4/27/2007 04:01	14.37	47.136	30.66	7.32	8	5.5	1.48
1321	4/27/2007 04:16	14.34	47.179	30.7	7.42	7.99	5.8	1.51
1322	4/27/2007 04:31	14.42	47.109	30.65	7.46	8.01	5.6	1.55
1323	4/27/2007 04:46	14.32	47.155	30.68	7.41	7.99	6.6	1.60
1324	4/27/2007 05:01	14.24	47.202	30.71	7.46	7.98	5.6	1.66
1325	4/27/2007 05:16	14.23	47.137	30.66	7.45	7.99	6.2	1.70
1326	4/27/2007 05:31	14.18	47.165	30.68	7.43	7.98	5.4	1.76
1327	4/27/2007 05:46	14.11	47.164	30.68	7.45	7.97	5.6	1.83
1328	4/27/2007 06:01	14.09	46.597	30.27	7.46	8	4.9	1.89
1329	4/27/2007 06:16	13.81	47.32	30.78	7.47	7.95	4.5	1.94
1330	4/27/2007 06:31	13.67	47.503	30.91	7.48	7.94	4.3	2.00
1331	4/27/2007 06:46	13.54	47.581	30.96	7.53	7.93	4.0	2.07
1332	4/27/2007 07:01	13.37	47.888	31.18	7.58	7.91	3.6	2.11
1333	4/27/2007 07:16	13.27	48.126	31.35	7.62	7.91	3.5	2.17
1334	4/27/2007 07:31	13.19	48.19	31.39	7.65	7.9	3.6	2.23
1335	4/27/2007 07:46	13.16	48.281	31.46	7.68	7.9	3.2	2.29
1336	4/27/2007 08:01	13.09	48.422	31.56	7.69	7.9	3.1	2.34
1337	4/27/2007 08:16	13.01	48.569	31.66	7.71	7.89	2.9	2.38
1338	4/27/2007 08:31	12.82	48.788	31.81	7.75	7.89	3.1	2.43
1339	4/27/2007 08:46	12.73	48.903	31.89	7.79	7.89	3.1	2.48
1340	4/27/2007 09:01	12.68	48.916	31.9	7.8	7.88	3.3	2.52
1341	4/27/2007 09:16	12.59	49.054	32	7.79	7.87	2.9	2.54
1342	4/27/2007 09:31	12.58	49.046	31.99	7.73	7.87	2.5	2.56
1343	4/27/2007 09:46	12.57	49.084	32.02	7.54	7.86	2.9	2.57

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1344	4/27/2007 10:01	12.52	48.109	31.31	7.71	7.87	2.6	2.56
	Mean	12.71	47.46	30.85	7.36	7.88	3.8	1.71
	Standard Dev.	1.09	1.77	1.25	0.76	0.09	2.4	0.76

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

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1	4/27/2007 09:31	12.55	48.554	31.63	8.02	7.89	3.0	2.54
2	4/27/2007 09:46	12.78	48.32	31.47	8.05	7.9	3.5	2.50
3	4/27/2007 10:01	13.05	48.068	31.3	8.03	7.91	3.8	2.43
4	4/27/2007 10:16	13.13	48.017	31.26	8.09	7.92	3.6	2.35
5	4/27/2007 10:31	13.33	47.888	31.18	8.2	7.94	4.4	2.28
6	4/27/2007 10:46	13.68	47.711	31.06	8.41	7.97	2.8	2.20
7	4/27/2007 11:01	14.09	47.551	30.96	8.91	8.03	3.9	2.12
8	4/27/2007 11:16	14.1	47.396	30.85	8.59	8.01	3.5	2.03
9	4/27/2007 11:31	14.55	47.394	30.86	9.55	8.08	3.0	1.95
10	4/27/2007 11:46	14.7	47.408	30.87	9.6	8.09	3.1	1.86
11	4/27/2007 12:01	15.01	47.402	30.87	10.11	8.13	3.0	1.78
12	4/27/2007 12:16	15.46	47.405	30.88	10.3	8.16	2.7	1.69
13	4/27/2007 12:31	15.48	47.26	30.78	10.13	8.17	2.7	1.60
14	4/27/2007 12:46	15.71	47.208	30.74	10.14	8.19	2.5	1.52
15	4/27/2007 13:01	15.5	47.12	30.68	9.49	8.15	2.7	1.45
16	4/27/2007 13:16	15.37	47.045	30.62	9.04	8.11	3.9	1.38
17	4/27/2007 13:31	15.33	46.965	30.56	8.79	8.09	2.3	1.32
18	4/27/2007 13:46	15.36	46.974	30.57	8.67	8.08	1.7	1.27
19	4/27/2007 14:01	15.36	46.999	30.59	8.21	8.05	1.4	1.25
20	4/27/2007 14:16	15.46	47.086	30.65	9.14	8.11	2.7	1.23
21	4/27/2007 14:31	15.34	47.029	30.61	9.07	8.09	2.1	1.19
22	4/27/2007 14:46	15.23	47.088	30.65	9.11	8.1	2.7	1.22
23	4/27/2007 15:01	15.31	47.139	30.69	9.37	8.12	2.8	1.24
24	4/27/2007 15:16	16.06	46.808	30.46	9.17	8.14	2.8	1.27
25	4/27/2007 15:31	15.57	47.045	30.62	9.33	8.13	2.8	1.29
26	4/27/2007 15:46	15.36	47.098	30.66	9.22	8.11	3.3	1.34
27	4/27/2007 16:01	15.33	47.142	30.69	9.23	8.1	3.8	1.41
28	4/27/2007 16:16	15.71	46.586	30.29	8.97	8.1	3.7	1.47
29	4/27/2007 16:31	15.59	46.548	30.26	8.74	8.09	3.4	1.53
30	4/27/2007 16:46	15.4	46.756	30.41	8.87	8.09	3.3	1.59
31	4/27/2007 17:01	15.17	46.939	30.54	8.88	8.08	3.1	1.68
32	4/27/2007 17:16	14.99	46.825	30.45	8.64	8.05	3.5	1.76
33	4/27/2007 17:31	14.8	47.078	30.63	8.55	8.03	3.4	1.81
34	4/27/2007 17:46	14.51	47.384	30.85	8.42	8	4.1	1.92
35	4/27/2007 18:01	14.29	47.588	30.99	8.31	7.99	3.4	1.99
36	4/27/2007 18:16	14.42	47.324	30.8	8.33	8	3.7	2.06
37	4/27/2007 18:31	14.32	47.42	30.87	8.26	7.99	3.4	2.15
38	4/27/2007 18:46	13.88	47.886	31.19	8.13	7.95	3.6	2.21
39	4/27/2007 19:01	13.84	47.956	31.24	8.16	7.96	3.4	2.31
40	4/27/2007 19:16	13.28	48.523	31.64	8.01	7.92	4.2	2.37
41	4/27/2007 19:31	13.2	48.595	31.69	8.05	7.92	3.9	2.45
42	4/27/2007 19:46	13.01	48.792	31.82	8.07	7.91	4.8	2.52
43	4/27/2007 20:01	12.86	48.925	31.91	8.07	7.9	4.8	2.60
44	4/27/2007 20:16	12.74	49.044	31.99	8.11	7.9	4.5	2.66
45	4/27/2007 20:31	12.59	49.195	32.1	8.14	7.89	5.0	2.71
46	4/27/2007 20:46	12.43	49.369	32.22	8.16	7.89	4.9	2.76
47	4/27/2007 21:01	12.2	49.623	32.39	8.19	7.88	4.6	2.82
48	4/27/2007 21:16	12.2	49.636	32.4	8.17	7.88	4.3	2.85

sonde #4 Indian Island Long-Term Deployment Water Quality Data								TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
49	4/27/2007 21:31	12.2	49.648	32.41	8.1	7.88	3.7	2.87
50	4/27/2007 21:46	12.12	49.773	32.5	8.03	7.88	4.2	2.87
51	4/27/2007 22:01	12.1	49.816	32.53	8.04	7.88	3.6	2.84
52	4/27/2007 22:16	12.19	49.693	32.44	8.05	7.88	4.4	2.77
53	4/27/2007 22:31	12.73	49.126	32.05	8.04	7.9	4.3	2.74
54	4/27/2007 22:46	12.85	48.994	31.96	7.93	7.9	3.8	2.67
55	4/27/2007 23:01	12.85	48.971	31.95	7.84	7.89	5.5	2.59
56	4/27/2007 23:16	12.79	49.073	32.02	7.88	7.89	6.5	2.49
57	4/27/2007 23:31	12.94	49	31.97	8.06	7.92	5.2	2.42
58	4/27/2007 23:46	13.37	48.677	31.75	8.14	7.95	5.3	2.34
59	4/28/2007 00:01	13.53	48.526	31.65	8.11	7.97	5.0	2.24
60	4/28/2007 00:16	13.52	48.511	31.64	7.99	7.96	5.5	2.15
61	4/28/2007 00:31	13.76	48.05	31.31	7.69	7.95	5.2	2.06
62	4/28/2007 00:46	13.98	47.847	31.17	7.74	7.96	4.9	1.98
63	4/28/2007 01:01	14.14	47.702	31.07	7.66	7.96	5.5	1.85
64	4/28/2007 01:16	14.39	47.547	30.96	7.69	7.98	4.2	1.78
65	4/28/2007 01:31	14.59	47.508	30.94	7.79	8.01	4.4	1.72
66	4/28/2007 01:46	14.68	47.526	30.95	7.82	8.02	4.1	1.61
67	4/28/2007 02:01	14.77	47.507	30.94	7.9	8.03	3.7	1.54
68	4/28/2007 02:16	14.81	47.54	30.97	7.93	8.04	4.1	1.45
69	4/28/2007 02:31	14.95	47.466	30.92	7.95	8.05	3.5	1.39
70	4/28/2007 02:46	15.05	47.409	30.88	7.99	8.06	3.0	1.37
71	4/28/2007 03:01	15.05	47.399	30.87	7.87	8.05	3.1	1.31
72	4/28/2007 03:16	15.1	47.364	30.85	7.73	8.05	1.5	1.32
73	4/28/2007 03:31	14.94	47.432	30.89	7.98	8.05	3.7	1.32
74	4/28/2007 03:46	14.74	47.571	30.99	7.86	8.02	3.9	1.33
75	4/28/2007 04:01	14.73	47.542	30.97	7.85	8.02	3.8	1.37
76	4/28/2007 04:16	14.82	47.483	30.93	8.01	8.05	4.0	1.38
77	4/28/2007 04:31	14.86	47.479	30.92	8	8.04	3.7	1.44
78	4/28/2007 04:46	14.75	47.511	30.94	7.9	8.03	3.9	1.50
79	4/28/2007 05:01	14.72	47.354	30.83	7.83	8.02	4.2	1.57
80	4/28/2007 05:16	14.71	47.397	30.86	7.83	8.02	3.8	1.63
81	4/28/2007 05:31	14.62	47.449	30.9	7.77	8.01	4.2	1.70
82	4/28/2007 05:46	14.56	47.255	30.76	7.68	8	4.2	1.76
83	4/28/2007 06:01	14.5	47.131	30.66	7.62	7.99	3.9	1.84
84	4/28/2007 06:16	14.25	47.451	30.89	7.58	7.97	4.1	1.88
85	4/28/2007 06:31	14.19	47.535	30.95	7.63	7.97	3.7	1.96
86	4/28/2007 06:46	14.06	47.684	31.05	7.65	7.96	4.1	2.03
87	4/28/2007 07:01	13.89	47.859	31.17	7.66	7.95	3.9	2.10
88	4/28/2007 07:16	13.58	48.448	31.59	7.72	7.93	3.5	2.16
89	4/28/2007 07:31	13.54	48.487	31.62	7.74	7.93	3.3	2.21
90	4/28/2007 07:46	13.5	48.511	31.64	7.76	7.93	3.7	2.28
91	4/28/2007 08:01	13.35	48.707	31.77	7.77	7.92	3.4	2.34
92	4/28/2007 08:16	13.22	48.803	31.84	7.76	7.91	3.7	2.39
93	4/28/2007 08:31	13.04	48.963	31.95	7.78	7.91	3.5	2.45
94	4/28/2007 08:46	12.95	49.058	32.01	7.78	7.9	3.5	2.49
95	4/28/2007 09:01	12.85	49.151	32.08	7.78	7.9	3.7	2.55
96	4/28/2007 09:16	12.74	49.242	32.14	7.79	7.9	3.3	2.56

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
97	4/28/2007 09:31	12.69	49.289	32.17	7.78	7.9	3.0	2.58
98	4/28/2007 09:46	12.61	49.348	32.21	7.72	7.89	2.2	2.60
99	4/28/2007 10:01	12.57	49.393	32.24	7.62	7.87	3.1	2.59
100	4/28/2007 10:16	12.62	49.363	32.22	7.6	7.88	2.8	2.57
101	4/28/2007 10:31	12.73	49.279	32.16	7.6	7.88	3.4	2.53
102	4/28/2007 10:46	12.89	49.151	32.08	7.67	7.89	3.1	2.48
103	4/28/2007 11:01	13.36	48.764	31.81	8.01	7.94	3.2	2.42
104	4/28/2007 11:16	13.78	48.562	31.68	8.71	8	2.7	2.33
105	4/28/2007 11:31	13.9	48.552	31.68	8.97	8.02	2.5	2.26
106	4/28/2007 11:46	14.04	48.559	31.69	9.31	8.04	2.4	2.18
107	4/28/2007 12:01	14.14	48.503	31.65	9.15	8.04	2.6	2.09
108	4/28/2007 12:16	14.35	48.335	31.53	9.2	8.05	2.4	2.02
109	4/28/2007 12:31	14.54	48.102	31.37	10.3	8.13	2.5	1.93
110	4/28/2007 12:46	14.71	48.05	31.34	9.49	8.08	2.7	1.84
111	4/28/2007 13:01	14.93	47.912	31.24	9.53	8.09	3.4	1.77
112	4/28/2007 13:16	15.16	47.916	31.25	9.6	8.11	2.8	1.67
113	4/28/2007 13:31	15.45	47.926	31.26	10.33	8.17	3.1	1.58
114	4/28/2007 13:46	15.77	47.866	31.22	10.88	8.23	2.7	1.52
115	4/28/2007 14:01	15.85	47.798	31.18	10.45	8.2	2.2	1.47
116	4/28/2007 14:16	15.94	47.821	31.19	10.37	8.21	2.6	1.41
117	4/28/2007 14:31	15.9	47.792	31.17	9.91	8.18	3.8	1.35
118	4/28/2007 14:46	15.79	47.743	31.13	9.43	8.14	2.5	1.33
119	4/28/2007 15:01	16.05	47.791	31.17	9.65	8.17	0.7	1.31
120	4/28/2007 15:16	15.39	47.713	31.11	9.02	8.09	2.7	1.30
121	4/28/2007 15:31	15.56	47.817	31.18	9.57	8.13	2.7	1.31
122	4/28/2007 15:46	15.51	47.831	31.19	9.73	8.13	2.7	1.35
123	4/28/2007 16:01	15.62	47.672	31.08	9.09	8.1	2.5	1.38
124	4/28/2007 16:16	15.54	47.71	31.11	9.09	8.09	2.8	1.43
125	4/28/2007 16:31	15.48	47.757	31.14	9.11	8.09	3.4	1.47
126	4/28/2007 16:46	15.25	47.796	31.16	8.98	8.07	3.3	1.53
127	4/28/2007 17:01	15.36	47.49	30.94	8.72	8.06	3.3	1.62
128	4/28/2007 17:16	15.35	47.201	30.73	8.6	8.05	3.6	1.66
129	4/28/2007 17:31	15.29	47.342	30.83	8.63	8.05	3.4	1.74
130	4/28/2007 17:46	15.13	47.449	30.91	8.57	8.04	3.4	1.82
131	4/28/2007 18:01	14.97	47.503	30.94	8.42	8.02	3.7	1.89
132	4/28/2007 18:16	14.86	47.548	30.97	8.35	8.01	3.5	1.96
133	4/28/2007 18:31	14.62	47.788	31.14	8.24	7.99	3.3	2.05
134	4/28/2007 18:46	14.16	48.237	31.46	7.99	7.95	3.3	2.13
135	4/28/2007 19:01	13.75	48.654	31.75	7.87	7.92	3.8	2.19
136	4/28/2007 19:16	13.63	48.727	31.8	7.89	7.92	3.5	2.28
137	4/28/2007 19:31	13.21	49.094	32.05	7.83	7.9	4.2	2.35
138	4/28/2007 19:46	13.1	49.199	32.12	7.82	7.89	4.3	2.43
139	4/28/2007 20:01	12.9	49.379	32.24	7.85	7.9	5.0	2.51
140	4/28/2007 20:16	12.66	49.562	32.37	7.85	7.89	5.6	2.59
141	4/28/2007 20:31	12.53	49.659	32.43	7.93	7.89	6.6	2.66
142	4/28/2007 20:46	12.37	49.804	32.53	7.99	7.89	6.7	2.74
143	4/28/2007 21:01	12.2	49.939	32.62	8.05	7.88	6.0	2.79
144	4/28/2007 21:16	11.99	50.156	32.77	8.1	7.88	6.1	2.85

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
145	4/28/2007 21:31	11.88	50.293	32.86	8.14	7.89	5.6	2.90
146	4/28/2007 21:46	11.73	50.463	32.98	8.2	7.89	6.0	2.94
147	4/28/2007 22:01	11.72	50.481	32.99	8.17	7.89	4.7	2.95
148	4/28/2007 22:16	11.76	50.455	32.98	8.08	7.88	4.9	2.94
149	4/28/2007 22:31	11.69	50.518	33.02	8.04	7.88	3.8	2.92
150	4/28/2007 22:46	11.95	50.268	32.85	7.96	7.88	4.3	2.88
151	4/28/2007 23:01	12.56	49.665	32.44	7.83	7.88	4.2	2.81
152	4/28/2007 23:16	12.57	49.643	32.42	7.82	7.88	4.6	2.73
153	4/28/2007 23:31	12.8	49.448	32.29	7.58	7.86	3.3	2.65
154	4/28/2007 23:46	12.76	49.507	32.33	7.65	7.86	3.9	2.56
155	4/29/2007 00:01	12.9	49.42	32.27	7.77	7.89	5.3	2.46
156	4/29/2007 00:16	13.26	49.128	32.08	7.88	7.92	4.1	2.36
157	4/29/2007 00:31	13.62	48.867	31.9	7.9	7.95	3.4	2.27
158	4/29/2007 00:46	13.68	48.726	31.8	7.89	7.94	4.4	2.16
159	4/29/2007 01:01	14.11	48.234	31.45	7.69	7.94	6.6	2.06
160	4/29/2007 01:16	14.23	48.161	31.4	7.65	7.94	3.9	1.97
161	4/29/2007 01:31	14.24	48.246	31.47	7.65	7.95	3.6	1.87
162	4/29/2007 01:46	14.36	48.19	31.43	7.6	7.95	3.8	1.76
163	4/29/2007 02:01	14.47	48.196	31.44	7.76	7.97	4.1	1.66
164	4/29/2007 02:16	14.75	48.036	31.33	7.82	8	4.4	1.55
165	4/29/2007 02:31	14.99	47.906	31.24	7.92	8.03	4.4	1.46
166	4/29/2007 02:46	15.01	47.873	31.21	7.87	8.02	3.6	1.38
167	4/29/2007 03:01	15.04	47.847	31.2	7.84	8.02	3.2	1.29
168	4/29/2007 03:16	15.09	47.836	31.19	7.82	8.01	2.5	1.22
169	4/29/2007 03:31	15.17	47.794	31.16	7.84	8.02	3.0	1.18
170	4/29/2007 03:46	15.28	47.715	31.1	7.85	8.03	2.0	1.16
171	4/29/2007 04:01	15.3	47.702	31.1	7.8	8.03	1.8	1.13
172	4/29/2007 04:16	15.18	47.733	31.12	7.93	8.03	2.8	1.17
173	4/29/2007 04:31	15.13	47.766	31.14	7.92	8.03	3.1	1.20
174	4/29/2007 04:46	15.09	47.784	31.15	7.89	8.02	3.3	1.21
175	4/29/2007 05:01	15.04	47.804	31.16	7.87	8.02	3.9	1.27
176	4/29/2007 05:16	15.02	47.817	31.17	7.89	8.02	3.6	1.35
177	4/29/2007 05:31	14.99	47.616	31.03	7.86	8.02	4.5	1.40
178	4/29/2007 05:46	14.97	46.714	30.37	7.76	8.02	4.6	1.47
179	4/29/2007 06:01	14.95	46.646	30.32	7.77	8.02	4.6	1.55
180	4/29/2007 06:16	14.87	47.633	31.04	7.76	8	3.9	1.62
181	4/29/2007 06:31	14.79	47.409	30.87	7.71	8	4.2	1.69
182	4/29/2007 06:46	14.62	47.33	30.81	7.64	7.97	4.4	1.75
183	4/29/2007 07:01	14.41	47.555	30.97	7.59	7.96	4.4	1.84
184	4/29/2007 07:16	14.19	47.833	31.16	7.57	7.94	4.4	1.92
185	4/29/2007 07:31	13.87	48.453	31.6	7.57	7.92	3.9	1.98
186	4/29/2007 07:46	13.77	48.575	31.69	7.57	7.92	3.5	2.05
187	4/29/2007 08:01	13.7	48.672	31.76	7.57	7.9	3.5	2.12
188	4/29/2007 08:16	13.66	48.709	31.78	7.58	7.9	3.8	2.19
189	4/29/2007 08:31	13.47	48.902	31.92	7.57	7.9	4.4	2.27
190	4/29/2007 08:46	13.29	49.064	32.03	7.59	7.9	3.6	2.32
191	4/29/2007 09:01	13.14	49.077	32.03	7.63	7.89	4.2	2.39
192	4/29/2007 09:16	12.89	49.136	32.07	7.69	7.89	5.1	2.45

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
193	4/29/2007 09:31	12.75	49.27	32.16	7.74	7.89	5.0	2.49
194	4/29/2007 09:46	12.7	49.362	32.22	7.77	7.89	4.5	2.54
195	4/29/2007 10:01	12.62	49.482	32.31	7.77	7.89	4.7	2.58
196	4/29/2007 10:16	12.56	49.556	32.36	7.77	7.88	3.5	2.62
197	4/29/2007 10:31	12.54	49.584	32.38	7.75	7.88	2.7	2.63
198	4/29/2007 10:46	12.52	49.625	32.41	7.64	7.87	4.2	2.64
199	4/29/2007 11:01	12.48	49.654	32.43	7.64	7.87	3.3	2.62
200	4/29/2007 11:16	12.53	49.611	32.4	7.65	7.87	3.8	2.57
201	4/29/2007 11:31	12.67	49.491	32.32	7.66	7.88	3.9	2.53
202	4/29/2007 11:46	13.04	49.233	32.14	7.8	7.89	4.0	2.46
203	4/29/2007 12:01	13.29	49.106	32.06	8.01	7.91	3.8	2.41
204	4/29/2007 12:16	13.69	48.948	31.96	8.79	7.98	3.2	2.32
205	4/29/2007 12:31	14.05	48.897	31.93	9.38	8.03	3.0	2.24
206	4/29/2007 12:46	14.22	48.856	31.91	9.63	8.06	3.2	2.17
207	4/29/2007 13:01	14.39	48.659	31.77	9.51	8.05	3.9	2.08
208	4/29/2007 13:16	14.58	48.468	31.64	9.51	8.07	3.4	1.99
209	4/29/2007 13:31	14.73	48.258	31.49	9.28	8.05	2.8	1.92
210	4/29/2007 13:46	14.92	48.114	31.39	9.34	8.07	2.6	1.84
211	4/29/2007 14:01	15.14	48.057	31.35	9.72	8.1	3.0	1.76
212	4/29/2007 14:16	15.31	48.108	31.39	9.89	8.13	2.9	1.67
213	4/29/2007 14:31	15.49	48.065	31.36	9.92	8.14	2.4	1.60
214	4/29/2007 14:46	15.55	48.029	31.34	10.09	8.16	2.5	1.55
215	4/29/2007 15:01	15.65	48.042	31.35	10.24	8.18	2.6	1.49
216	4/29/2007 15:16	15.76	48.007	31.33	10.32	8.2	2.4	1.46
217	4/29/2007 15:31	15.95	48.069	31.37	10.48	8.24	2.2	1.40
218	4/29/2007 15:46	15.98	48.02	31.34	10	8.22	0.9	1.41
219	4/29/2007 16:01	15.81	48.12	31.41	10.66	8.22	2.8	1.43
220	4/29/2007 16:16	15.38	48.027	31.33	9.65	8.12	2.7	1.44
221	4/29/2007 16:31	15.47	48.021	31.33	9.68	8.12	2.6	1.48
222	4/29/2007 16:46	15.42	48.011	31.32	9.58	8.11	2.9	1.52
223	4/29/2007 17:01	15.46	47.895	31.24	9.08	8.07	2.7	1.57
224	4/29/2007 17:16	15.35	47.939	31.27	9.11	8.07	3.4	1.62
225	4/29/2007 17:31	15.23	47.969	31.29	9.1	8.06	3.8	1.69
226	4/29/2007 17:46	15.26	47.929	31.26	8.9	8.05	3.1	1.77
227	4/29/2007 18:01	15.23	47.609	31.03	8.88	8.05	3.4	1.83
228	4/29/2007 18:16	15.12	47.802	31.16	8.8	8.04	3.3	1.90
229	4/29/2007 18:31	14.99	47.856	31.2	8.68	8.03	3.4	1.98
230	4/29/2007 18:46	14.6	48.308	31.52	8.48	7.99	3.6	2.05
231	4/29/2007 19:01	14.32	48.532	31.68	8.21	7.97	3.4	2.13
232	4/29/2007 19:16	14.04	48.757	31.83	7.95	7.94	3.6	2.21
233	4/29/2007 19:31	13.79	48.879	31.91	7.89	7.93	3.7	2.29
234	4/29/2007 19:46	13.38	49.205	32.13	7.85	7.91	4.3	2.37
235	4/29/2007 20:01	13.17	49.364	32.24	7.83	7.9	4.5	2.45
236	4/29/2007 20:16	13.04	49.465	32.31	7.85	7.9	4.3	2.53
237	4/29/2007 20:31	12.77	49.697	32.47	7.85	7.89	6.0	2.60
238	4/29/2007 20:46	12.6	49.833	32.56	7.87	7.87	5.3	2.69
239	4/29/2007 21:01	12.5	49.894	32.6	7.96	7.87	6.0	2.75
240	4/29/2007 21:16	12.26	50.095	32.74	8.07	7.87	5.8	2.82

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
241	4/29/2007 21:31	12.07	50.259	32.85	8.15	7.87	5.4	2.89
242	4/29/2007 21:46	11.93	50.379	32.93	8.17	7.86	5.8	2.94
243	4/29/2007 22:01	11.73	50.562	33.05	8.17	7.86	4.9	2.98
244	4/29/2007 22:16	11.6	50.669	33.12	8.17	7.86	4.6	3.00
245	4/29/2007 22:31	11.7	50.614	33.09	7.96	7.85	4.0	3.03
246	4/29/2007 22:46	11.64	50.658	33.12	7.92	7.85	2.5	3.03
247	4/29/2007 23:01	11.55	50.749	33.18	8.03	7.85	5.1	2.98
248	4/29/2007 23:16	12.27	50.05	32.71	7.87	7.88	4.0	2.93
249	4/29/2007 23:31	12.46	49.818	32.55	7.69	7.87	5.5	2.87
250	4/29/2007 23:46	12.37	49.911	32.61	7.84	7.88	3.8	2.78
251	4/30/2007 00:01	12.3	49.999	32.67	7.91	7.89	3.9	2.68
252	4/30/2007 00:16	12.58	49.789	32.53	7.96	7.91	3.6	2.57
253	4/30/2007 00:31	12.93	49.493	32.33	8	7.94	3.3	2.48
254	4/30/2007 00:46	13.26	49.226	32.15	8.05	7.96	3.4	2.38
255	4/30/2007 01:01	13.48	49.021	32.01	7.85	7.95	4.0	2.27
256	4/30/2007 01:16	13.77	48.682	31.77	7.66	7.92	4.2	2.17
257	4/30/2007 01:31	13.84	48.642	31.74	7.73	7.94	4.3	2.06
258	4/30/2007 01:46	13.97	48.518	31.66	7.68	7.94	4.2	1.95
259	4/30/2007 02:01	13.94	48.572	31.69	7.69	7.94	4.6	1.83
260	4/30/2007 02:16	14.07	48.503	31.65	7.72	7.95	4.9	1.72
261	4/30/2007 02:31	14.14	48.452	31.61	7.73	7.97	4.2	1.60
262	4/30/2007 02:46	14.41	48.265	31.48	7.73	7.99	4.4	1.49
263	4/30/2007 03:01	14.48	48.209	31.45	7.68	7.99	4.2	1.37
264	4/30/2007 03:16	14.62	48.118	31.38	7.68	8	3.8	1.28
265	4/30/2007 03:31	14.7	48.036	31.32	7.72	8.01	4.2	1.20
266	4/30/2007 03:46	14.84	47.928	31.25	7.82	8.04	4.5	1.12
267	4/30/2007 04:01	14.92	47.857	31.2	7.83	8.05	4.5	1.06
268	4/30/2007 04:16	14.99	47.784	31.15	7.88	8.06	4.1	1.04
269	4/30/2007 04:31	14.98	47.773	31.14	7.87	8.07	4.7	1.00
270	4/30/2007 04:46	14.91	47.796	31.16	7.91	8.06	5.5	1.03
271	4/30/2007 05:01	14.86	47.851	31.19	7.92	8.05	4.7	1.06
272	4/30/2007 05:16	14.83	47.896	31.23	7.84	8.04	4.4	1.09
273	4/30/2007 05:31	14.81	47.925	31.25	7.81	8.03	4.1	1.13
274	4/30/2007 05:46	14.78	47.935	31.25	7.8	8.03	4.1	1.19
275	4/30/2007 06:01	14.71	47.74	31.11	7.71	8.02	4.2	1.27
276	4/30/2007 06:16	14.66	47.202	30.72	7.61	8.02	5.1	1.33
277	4/30/2007 06:31	14.66	47.002	30.57	7.6	8.01	5.0	1.40
278	4/30/2007 06:46	14.65	47.308	30.8	7.61	8.02	4.9	1.48
279	4/30/2007 07:01	14.61	47.426	30.88	7.61	8.01	5.2	1.56
280	4/30/2007 07:16	14.54	47.525	30.95	7.58	8.01	4.9	1.63
281	4/30/2007 07:31	14.31	47.7	31.07	7.51	7.98	5.0	1.71
282	4/30/2007 07:46	14.18	47.858	31.18	7.53	7.97	4.8	1.80
283	4/30/2007 08:01	13.86	48.521	31.65	7.52	7.93	4.7	1.88
284	4/30/2007 08:16	13.77	48.599	31.71	7.57	7.93	4.5	1.96
285	4/30/2007 08:31	13.7	48.682	31.77	7.59	7.93	4.1	2.05
286	4/30/2007 08:46	13.63	48.805	31.85	7.63	7.93	4.2	2.13
287	4/30/2007 09:01	13.46	49.004	31.99	7.65	7.92	5.0	2.20
288	4/30/2007 09:16	13.27	49.196	32.12	7.67	7.89	5.3	2.27

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
289	4/30/2007 09:31	13.24	49.194	32.12	7.69	7.89	4.5	2.35
290	4/30/2007 09:46	13.1	49.233	32.15	7.76	7.89	4.6	2.41
291	4/30/2007 10:01	12.93	48.935	31.92	7.84	7.88	5.8	2.48
292	4/30/2007 10:16	12.77	48.851	31.86	7.84	7.88	4.7	2.52
293	4/30/2007 10:31	12.69	48.941	31.92	7.88	7.88	4.7	2.58
294	4/30/2007 10:46	12.6	48.685	31.73	7.93	7.88	4.3	2.63
295	4/30/2007 11:01	12.45	48.832	31.83	7.91	7.87	3.9	2.66
296	4/30/2007 11:16	12.27	49.01	31.95	8.01	7.87	4.1	2.67
297	4/30/2007 11:31	12.38	48.961	31.92	7.81	7.87	2.1	2.69
298	4/30/2007 11:46	12.31	48.966	31.92	7.61	7.84	3.4	2.68
299	4/30/2007 12:01	12.35	48.919	31.89	7.62	7.85	4.3	2.64
300	4/30/2007 12:16	12.65	48.705	31.74	7.75	7.88	4.4	2.58
301	4/30/2007 12:31	13.39	48.302	31.48	8.1	7.93	4.1	2.52
302	4/30/2007 12:46	13.35	48.299	31.48	8.12	7.93	4.1	2.45
303	4/30/2007 13:01	13.82	48.196	31.42	8.91	7.99	3.8	2.36
304	4/30/2007 13:16	13.93	48.117	31.36	8.9	7.99	3.7	2.28
305	4/30/2007 13:31	14.42	47.981	31.28	9.5	8.05	3.3	2.21
306	4/30/2007 13:46	14.84	47.887	31.22	10.24	8.1	3.6	2.12
307	4/30/2007 14:01	15.05	47.807	31.17	10.73	8.14	3.6	2.05
308	4/30/2007 14:16	15.35	47.501	30.95	10.6	8.16	3.7	1.96
309	4/30/2007 14:31	15.5	47.314	30.82	10.33	8.14	3.8	1.88
310	4/30/2007 14:46	15.67	47.247	30.77	10.58	8.17	3.9	1.82
311	4/30/2007 15:01	15.74	47.152	30.7	10.4	8.15	3.4	1.74
312	4/30/2007 15:16	15.93	47.12	30.68	10.57	8.19	3.6	1.68
313	4/30/2007 15:31	16.1	47.097	30.67	10.59	8.21	3.9	1.63
314	4/30/2007 15:46	16.19	47.07	30.65	10.89	8.23	3.3	1.58
315	4/30/2007 16:01	16.24	47.103	30.68	10.86	8.24	2.6	1.56
316	4/30/2007 16:16	16.39	47.09	30.67	10.82	8.26	2.1	1.54
317	4/30/2007 16:31	15.93	47.094	30.67	10.38	8.17	3.1	1.55
318	4/30/2007 16:46	15.96	47.185	30.73	10.72	8.2	3.4	1.56
319	4/30/2007 17:01	15.85	47.149	30.7	10.33	8.17	3.4	1.59
320	4/30/2007 17:16	15.88	47.077	30.65	9.96	8.14	3.4	1.63
321	4/30/2007 17:31	15.86	47.062	30.64	9.86	8.13	3.9	1.68
322	4/30/2007 17:46	15.65	47.252	30.78	9.71	8.11	4.9	1.75
323	4/30/2007 18:01	15.66	47.199	30.74	9.54	8.1	3.9	1.81
324	4/30/2007 18:16	15.56	47.258	30.78	9.41	8.09	3.9	1.88
325	4/30/2007 18:31	15.36	47.352	30.84	9.36	8.07	3.8	1.95
326	4/30/2007 18:46	15.09	47.526	30.96	8.99	8.05	3.8	2.02
327	4/30/2007 19:01	14.89	47.737	31.11	8.94	8.04	3.8	2.09
328	4/30/2007 19:16	14.83	47.716	31.1	8.76	8.03	3.6	2.17
329	4/30/2007 19:31	14.44	47.966	31.27	8.41	7.97	3.8	2.24
330	4/30/2007 19:46	14.08	48.161	31.4	8.31	7.95	3.9	2.32
331	4/30/2007 20:01	13.53	48.554	31.67	8.08	7.91	4.4	2.39
332	4/30/2007 20:16	13.14	48.828	31.85	8.01	7.89	4.5	2.48
333	4/30/2007 20:31	12.82	49.036	31.99	7.9	7.88	4.8	2.56
334	4/30/2007 20:46	12.58	49.211	32.11	7.94	7.88	5.5	2.64
335	4/30/2007 21:01	12.41	49.327	32.19	7.88	7.87	5.6	2.71
336	4/30/2007 21:16	12.26	49.45	32.27	7.95	7.87	6.3	2.80

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
337	4/30/2007 21:31	12.08	49.587	32.36	7.93	7.87	6.1	2.88
338	4/30/2007 21:46	11.78	49.802	32.5	7.86	7.86	7.1	2.93
339	4/30/2007 22:01	11.66	49.863	32.54	7.8	7.85	5.4	3.00
340	4/30/2007 22:16	11.27	50.133	32.72	7.66	7.84	5.5	3.05
341	4/30/2007 22:31	11.11	50.256	32.8	7.58	7.83	5.2	3.09
342	4/30/2007 22:46	11.09	50.282	32.81	7.52	7.83	4.4	3.11
343	4/30/2007 23:01	11.09	50.3	32.83	7.35	7.82	3.8	3.11
344	4/30/2007 23:16	11.09	50.265	32.8	7.34	7.82	4.9	3.09
345	4/30/2007 23:31	11.37	50.082	32.68	7.39	7.82	3.2	3.05
346	4/30/2007 23:46	12.24	49.342	32.19	7.59	7.87	3.4	2.98
347	5/1/2007 00:01	12.49	49.116	32.04	7.51	7.87	3.0	2.90
348	5/1/2007 00:16	12.31	49.308	32.17	7.67	7.87	5.0	2.81
349	5/1/2007 00:31	12.55	49.09	32.02	7.74	7.87	3.5	2.72
350	5/1/2007 00:46	12.65	49.042	31.99	7.62	7.87	3.8	2.61
351	5/1/2007 01:01	12.89	48.83	31.84	7.68	7.89	3.1	2.51
352	5/1/2007 01:16	13.31	48.521	31.64	7.83	7.92	3.7	2.41
353	5/1/2007 01:31	13.33	48.52	31.64	7.8	7.92	3.3	2.30
354	5/1/2007 01:46	13.62	48.3	31.49	7.82	7.94	5.5	2.18
355	5/1/2007 02:01	13.95	48.032	31.3	7.8	7.96	4.0	2.08
356	5/1/2007 02:16	14.18	47.863	31.19	7.89	7.98	3.8	1.96
357	5/1/2007 02:31	14.28	47.795	31.14	7.98	7.99	3.8	1.84
358	5/1/2007 02:46	14.38	47.739	31.1	7.98	8.01	4.5	1.72
359	5/1/2007 03:01	14.42	47.711	31.08	8	8.01	4.1	1.61
360	5/1/2007 03:16	14.73	47.493	30.93	8.11	8.05	4.9	1.47
361	5/1/2007 03:31	14.88	47.371	30.85	8.06	8.05	4.8	1.35
362	5/1/2007 03:46	14.87	47.374	30.85	8.1	8.06	4.2	1.25
363	5/1/2007 04:01	15.05	47.246	30.76	8.14	8.07	4.1	1.16
364	5/1/2007 04:16	15.11	47.182	30.71	8.18	8.08	3.9	1.06
365	5/1/2007 04:31	15.19	47.124	30.67	8.23	8.1	4.5	0.98
366	5/1/2007 04:46	15.26	47.064	30.63	8.21	8.09	3.4	0.94
367	5/1/2007 05:01	15.28	47.027	30.61	8.18	8.11	3.3	0.92
368	5/1/2007 05:16	15.17	47.045	30.62	8.29	8.11	4.5	0.92
369	5/1/2007 05:31	15.16	47.073	30.64	8.32	8.1	4.6	0.94
370	5/1/2007 05:46	15.14	47.104	30.66	8.3	8.1	4.5	0.98
371	5/1/2007 06:01	15.11	47.141	30.69	8.29	8.09	4.5	1.06
372	5/1/2007 06:16	15.05	47.18	30.71	8.26	8.09	4.2	1.10
373	5/1/2007 06:31	15.02	46.909	30.52	8.12	8.07	5.1	1.18
374	5/1/2007 06:46	14.99	46.728	30.38	8.06	8.07	5.2	1.25
375	5/1/2007 07:01	14.99	46.074	29.91	7.9	8.05	5.6	1.32
376	5/1/2007 07:16	14.99	46.277	30.06	7.92	8.05	5.5	1.39
377	5/1/2007 07:31	14.95	46.42	30.16	7.9	8.05	5.4	1.47
378	5/1/2007 07:46	14.89	46.619	30.3	7.88	8.02	6.1	1.55
379	5/1/2007 08:01	14.65	46.722	30.37	7.72	7.99	6.1	1.64
380	5/1/2007 08:16	14.32	47.387	30.84	7.7	7.96	6.0	1.72
381	5/1/2007 08:31	14.13	47.677	31.05	7.7	7.94	5.6	1.80
382	5/1/2007 08:46	14	47.849	31.17	7.72	7.94	5.0	1.89
383	5/1/2007 09:01	13.9	47.955	31.24	7.76	7.93	5.2	1.98
384	5/1/2007 09:16	13.74	48.171	31.4	7.77	7.92	5.3	2.07

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
385	5/1/2007 09:31	13.61	48.263	31.46	7.7	7.91	5.2	2.14
386	5/1/2007 09:46	13.45	48.352	31.52	7.68	7.9	5.2	2.22
387	5/1/2007 10:01	13.29	48.413	31.56	7.68	7.89	5.5	2.30
388	5/1/2007 10:16	13.08	48.577	31.67	7.67	7.89	5.8	2.37
389	5/1/2007 10:31	12.93	48.672	31.73	7.71	7.88	5.4	2.43
390	5/1/2007 10:46	12.81	48.777	31.8	7.66	7.88	5.3	2.50
391	5/1/2007 11:01	12.56	48.966	31.93	7.5	7.86	5.5	2.56
392	5/1/2007 11:16	12.25	49.207	32.09	7.26	7.83	6.0	2.61
393	5/1/2007 11:31	11.97	49.43	32.24	7.15	7.82	6.1	2.65
394	5/1/2007 11:46	11.87	49.516	32.3	7.19	7.82	4.9	2.67
395	5/1/2007 12:01	11.82	49.573	32.34	7.21	7.82	5.1	2.69
396	5/1/2007 12:16	11.78	49.602	32.36	7.11	7.82	4.2	2.70
397	5/1/2007 12:31	11.79	49.57	32.33	7.05	7.82	3.7	2.68
398	5/1/2007 12:46	11.88	49.52	32.3	6.98	7.81	3.8	2.65
399	5/1/2007 13:01	12.65	48.988	31.95	7.52	7.87	4.7	2.59
400	5/1/2007 13:16	12.72	48.915	31.9	7.58	7.87	4.2	2.54
401	5/1/2007 13:31	13.11	48.673	31.74	7.87	7.9	4.6	2.45
402	5/1/2007 13:46	13.23	48.581	31.68	7.91	7.91	4.5	2.38
403	5/1/2007 14:01	13.38	48.476	31.61	8.1	7.93	3.5	2.32
404	5/1/2007 14:16	13.77	48.261	31.46	8.63	8	3.4	2.22
405	5/1/2007 14:31	14.1	48.08	31.34	9.12	8.04	3.0	2.15
406	5/1/2007 14:46	14.39	47.948	31.25	10.11	8.12	2.7	2.08
407	5/1/2007 15:01	14.64	47.759	31.12	10.44	8.18	2.7	2.01
408	5/1/2007 15:16	14.71	47.567	30.98	9.54	8.11	3.0	1.94
409	5/1/2007 15:31	14.87	47.432	30.89	9.81	8.14	3.0	1.88
410	5/1/2007 15:46	14.98	47.34	30.83	9.54	8.14	2.7	1.81
411	5/1/2007 16:01	15.02	47.261	30.77	9.52	8.14	2.7	1.77
412	5/1/2007 16:16	15.05	47.206	30.73	9.15	8.11	2.7	1.73
413	5/1/2007 16:31	15.1	47.159	30.7	9.07	8.11	2.8	1.69
414	5/1/2007 16:46	15.01	47.217	30.74	9.12	8.12	2.7	1.69
415	5/1/2007 17:01	14.94	47.24	30.75	9.26	8.11	3.3	1.69
416	5/1/2007 17:16	14.9	47.253	30.76	9.44	8.12	3.1	1.68
417	5/1/2007 17:31	14.83	47.304	30.8	9.08	8.08	3.3	1.72
418	5/1/2007 17:46	14.7	47.408	30.87	8.81	8.05	4.8	1.76
419	5/1/2007 18:01	14.68	47.424	30.88	8.8	8.05	4.9	1.79
420	5/1/2007 18:16	14.75	47.208	30.73	8.5	8.02	4.1	1.86
421	5/1/2007 18:31	14.55	47.41	30.87	8.51	8.01	4.9	1.92
422	5/1/2007 18:46	14.35	47.668	31.05	8.42	7.99	4.5	1.99
423	5/1/2007 19:01	14.15	47.748	31.1	8.07	7.96	5.0	2.07
424	5/1/2007 19:16	14.17	47.648	31.03	8.17	7.97	4.5	2.12
425	5/1/2007 19:31	13.59	48.269	31.46	7.94	7.92	4.3	2.20
426	5/1/2007 19:46	13.35	48.436	31.58	7.8	7.9	4.2	2.28
427	5/1/2007 20:01	13.11	48.632	31.71	7.68	7.89	4.8	2.35
428	5/1/2007 20:16	12.87	48.827	31.84	7.59	7.88	4.7	2.43
429	5/1/2007 20:31	12.6	49.024	31.97	7.54	7.87	6.0	2.51
430	5/1/2007 20:46	12.24	49.288	32.15	7.39	7.85	5.5	2.58
431	5/1/2007 21:01	12.2	49.291	32.15	7.35	7.85	5.6	2.67
432	5/1/2007 21:16	11.9	49.478	32.27	7.29	7.83	5.3	2.76

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
433	5/1/2007 21:31	11.74	49.559	32.32	7.26	7.83	5.8	2.84
434	5/1/2007 21:46	11.29	49.875	32.53	7.23	7.81	6.1	2.92
435	5/1/2007 22:01	11.05	50.052	32.64	7.14	7.8	5.8	3.00
436	5/1/2007 22:16	11.04	50.033	32.63	7.07	7.79	5.3	3.06
437	5/1/2007 22:31	10.91	50.136	32.7	7.04	7.79	5.1	3.13
438	5/1/2007 22:46	10.79	50.222	32.75	7.02	7.79	4.7	3.17
439	5/1/2007 23:01	10.72	50.297	32.8	6.99	7.79	4.5	3.18
440	5/1/2007 23:16	10.81	50.209	32.74	6.79	7.77	3.4	3.21
441	5/1/2007 23:31	10.71	50.295	32.8	6.91	7.78	5.1	3.19
442	5/1/2007 23:46	10.68	50.291	32.8	6.96	7.78	3.3	3.17
443	5/2/2007 00:01	10.94	50.122	32.69	7	7.79	3.8	3.13
444	5/2/2007 00:16	11.62	49.576	32.33	7.11	7.81	3.6	3.06
445	5/2/2007 00:31	11.82	49.446	32.25	7.06	7.81	4.2	2.98
446	5/2/2007 00:46	11.73	49.494	32.28	7.1	7.81	4.4	2.89
447	5/2/2007 01:01	11.99	49.318	32.16	7.09	7.81	3.8	2.78
448	5/2/2007 01:16	12.21	49.117	32.02	7.14	7.83	4.5	2.68
449	5/2/2007 01:31	12.51	48.884	31.87	7.18	7.83	3.5	2.57
450	5/2/2007 01:46	12.7	48.754	31.78	7.17	7.84	3.3	2.45
451	5/2/2007 02:01	12.99	48.468	31.59	7.22	7.85	3.8	2.34
452	5/2/2007 02:16	13.08	48.348	31.5	7.29	7.86	3.4	2.23
453	5/2/2007 02:31	13.61	47.97	31.25	7.34	7.89	4.6	2.11
454	5/2/2007 02:46	13.55	47.996	31.26	7.29	7.88	5.3	2.00
455	5/2/2007 03:01	13.74	47.839	31.16	7.31	7.9	5.0	1.88
456	5/2/2007 03:16	13.55	47.874	31.17	7.23	7.87	5.0	1.74
457	5/2/2007 03:31	13.97	47.566	30.96	7.41	7.93	5.7	1.63
458	5/2/2007 03:46	14.24	47.261	30.75	7.49	7.96	5.7	1.49
459	5/2/2007 04:01	14.05	47.322	30.79	7.45	7.93	4.4	1.36
460	5/2/2007 04:16	14.25	47.192	30.7	7.46	7.95	4.7	1.25
461	5/2/2007 04:31	14.32	47.102	30.64	7.5	7.96	4.5	1.14
462	5/2/2007 04:46	14.44	46.973	30.55	7.5	7.97	4.4	1.03
463	5/2/2007 05:01	14.5	46.893	30.49	7.49	7.98	4.2	0.95
464	5/2/2007 05:16	14.55	46.863	30.47	7.47	7.98	4.2	0.90
465	5/2/2007 05:31	14.59	46.838	30.45	7.41	7.99	3.2	0.86
466	5/2/2007 05:46	14.52	46.836	30.45	7.52	7.99	6.8	0.85
467	5/2/2007 06:01	14.44	46.892	30.49	7.51	7.98	5.5	0.87
468	5/2/2007 06:16	14.41	46.942	30.53	7.49	7.97	5.3	0.91
469	5/2/2007 06:31	14.37	46.987	30.56	7.5	7.97	5.8	0.96
470	5/2/2007 06:46	14.35	46.992	30.56	7.53	7.97	4.9	1.03
471	5/2/2007 07:01	14.35	46.723	30.37	7.54	7.97	5.2	1.11
472	5/2/2007 07:16	14.36	46.387	30.12	7.55	7.97	5.2	1.17
473	5/2/2007 07:31	14.36	45.777	29.68	7.52	7.96	6.2	1.25
474	5/2/2007 07:46	14.36	45.567	29.53	7.51	7.96	6.1	1.33
475	5/2/2007 08:01	14.34	45.198	29.27	7.5	7.95	6.1	1.41
476	5/2/2007 08:16	14.3	45.947	29.8	7.46	7.95	6.2	1.49
477	5/2/2007 08:31	14.32	45.499	29.48	7.46	7.94	6.4	1.57
478	5/2/2007 08:46	14.08	46.587	30.26	7.36	7.92	5.6	1.66
479	5/2/2007 09:01	13.91	47.225	30.72	7.36	7.91	5.6	1.76
480	5/2/2007 09:16	13.89	47.267	30.75	7.4	7.91	5.5	1.85

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
481	5/2/2007 09:31	13.75	47.756	31.1	7.48	7.91	5.2	1.94
482	5/2/2007 09:46	13.68	47.922	31.21	7.5	7.9	5.3	2.02
483	5/2/2007 10:01	13.59	48.001	31.27	7.46	7.89	5.2	2.11
484	5/2/2007 10:16	13.44	48.093	31.33	7.37	7.88	5.1	2.18
485	5/2/2007 10:31	13.29	48.175	31.38	7.35	7.87	5.6	2.26
486	5/2/2007 10:46	13.13	48.312	31.48	7.28	7.86	5.2	2.33
487	5/2/2007 11:01	13	48.411	31.54	7.33	7.85	5.6	2.40
488	5/2/2007 11:16	12.88	48.533	31.63	7.3	7.84	5.0	2.47
489	5/2/2007 11:31	12.8	48.611	31.68	7.06	7.82	5.0	2.52
490	5/2/2007 11:46	12.64	48.717	31.75	6.68	7.79	5.2	2.58
491	5/2/2007 12:01	12.32	49.051	31.98	6.47	7.77	5.2	2.63
492	5/2/2007 12:16	12.08	49.264	32.13	6.6	7.77	4.8	2.66
493	5/2/2007 12:31	11.95	49.388	32.21	6.61	7.77	4.7	2.69
494	5/2/2007 12:46	12.02	49.293	32.14	6.59	7.77	3.1	2.71
495	5/2/2007 13:01	11.89	49.415	32.23	6.5	7.77	3.1	2.70
496	5/2/2007 13:16	11.9	49.437	32.24	6.53	7.77	3.6	2.69
497	5/2/2007 13:31	12.12	49.262	32.13	6.43	7.76	3.8	2.64
498	5/2/2007 13:46	12.59	48.855	31.85	6.55	7.78	4.1	2.59
499	5/2/2007 14:01	12.84	48.665	31.72	6.81	7.81	4.2	2.53
500	5/2/2007 14:16	13.04	48.553	31.65	7.13	7.84	4.2	2.46
501	5/2/2007 14:31	13.42	48.379	31.54	7.64	7.89	4.4	2.39
502	5/2/2007 14:46	13.9	48.283	31.48	8.6	7.98	3.4	2.31
503	5/2/2007 15:01	14.53	48.149	31.4	9.94	8.1	3.4	2.23
504	5/2/2007 15:16	14.67	48.042	31.33	10.15	8.12	3.2	2.16
505	5/2/2007 15:31	14.58	47.969	31.27	9.85	8.08	3.2	2.11
506	5/2/2007 15:46	15	47.881	31.22	10.69	8.18	3.0	2.04
507	5/2/2007 16:01	14.96	47.775	31.14	10.04	8.13	3.9	1.96
508	5/2/2007 16:16	15.12	47.601	31.02	10.04	8.14	2.8	1.94
509	5/2/2007 16:31	15.18	47.487	30.94	10.06	8.14	2.6	1.88
510	5/2/2007 16:46	15.3	47.391	30.87	10.27	8.17	2.4	1.83
511	5/2/2007 17:01	15.32	47.318	30.82	10.1	8.15	2.5	1.81
512	5/2/2007 17:16	15.28	47.271	30.78	9.36	8.11	2.0	1.77
513	5/2/2007 17:31	15.32	47.52	30.96	10.27	8.19	6.1	1.78
514	5/2/2007 17:46	14.96	47.63	31.04	9.62	8.1	3.6	1.80
515	5/2/2007 18:01	15.02	47.59	31.01	9.81	8.12	3.6	1.80
516	5/2/2007 18:16	14.85	47.534	30.96	9.24	8.06	3.5	1.84
517	5/2/2007 18:31	14.8	47.581	31	9.14	8.05	3.6	1.89
518	5/2/2007 18:46	14.72	47.756	31.12	9.19	8.05	4.1	1.93
519	5/2/2007 19:01	14.62	47.788	31.14	8.64	8	3.8	1.99
520	5/2/2007 19:16	14.49	47.878	31.2	8.67	8.01	3.9	2.06
521	5/2/2007 19:31	14.38	47.952	31.26	8.57	8	3.6	2.12
522	5/2/2007 19:46	14.21	48.034	31.31	8.14	7.96	3.9	2.20
523	5/2/2007 20:01	14.05	48.115	31.37	7.98	7.94	4.1	2.27
524	5/2/2007 20:16	13.71	48.321	31.5	7.68	7.9	4.4	2.34
525	5/2/2007 20:31	13.34	48.571	31.67	7.44	7.86	4.9	2.42
526	5/2/2007 20:46	13	48.796	31.82	7.23	7.84	4.6	2.48
527	5/2/2007 21:01	12.86	48.868	31.87	7.16	7.83	4.5	2.57
528	5/2/2007 21:16	12.66	48.971	31.94	7.17	7.82	5.0	2.64

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
529	5/2/2007 21:31	12.41	49.079	32.01	7.14	7.81	5.4	2.72
530	5/2/2007 21:46	12.13	49.258	32.12	7.22	7.81	5.6	2.80
531	5/2/2007 22:01	11.9	49.426	32.23	7.27	7.8	5.3	2.88
532	5/2/2007 22:16	11.65	49.583	32.34	7.36	7.8	5.0	2.94
533	5/2/2007 22:31	11.47	49.714	32.42	7.4	7.8	5.2	3.01
534	5/2/2007 22:46	11.29	49.841	32.5	7.47	7.8	5.0	3.08
535	5/2/2007 23:01	11.22	49.893	32.54	7.48	7.8	4.8	3.13
536	5/2/2007 23:16	11.19	49.919	32.56	7.49	7.8	4.8	3.17
537	5/2/2007 23:31	11.18	49.938	32.57	7.49	7.8	4.5	3.18
538	5/2/2007 23:46	11.3	49.404	32.19	7.31	7.79	8.1	3.19
539	5/3/2007 00:01	11.24	49.898	32.54	7.32	7.79	3.4	3.20
540	5/3/2007 00:16	11.16	49.932	32.56	7.39	7.79	3.1	3.17
541	5/3/2007 00:31	11.9	49.393	32.21	7.29	7.83	3.2	3.10
542	5/3/2007 00:46	11.79	49.481	32.27	7.26	7.82	6.1	3.04
543	5/3/2007 01:01	11.77	49.467	32.26	7.22	7.8	4.2	2.97
544	5/3/2007 01:16	12.04	49.199	32.08	7.19	7.81	5.0	2.87
545	5/3/2007 01:31	12.18	49.096	32.01	7.11	7.81	3.8	2.77
546	5/3/2007 01:46	12.31	49.01	31.95	6.92	7.79	4.7	2.67
547	5/3/2007 02:01	12.58	48.825	31.83	6.98	7.8	3.1	2.56
548	5/3/2007 02:16	12.89	48.583	31.67	7.07	7.83	3.3	2.45
549	5/3/2007 02:31	13.23	48.322	31.49	7.2	7.85	3.6	2.32
550	5/3/2007 02:46	13.59	48.033	31.29	7.4	7.89	4.3	2.21
551	5/3/2007 03:01	13.55	47.98	31.25	7.31	7.89	3.5	2.10
552	5/3/2007 03:16	13.7	47.846	31.16	7.48	7.91	4.4	1.97
553	5/3/2007 03:31	13.74	47.713	31.06	7.53	7.92	4.1	1.85
554	5/3/2007 03:46	13.81	47.543	30.94	7.63	7.94	5.2	1.71
555	5/3/2007 04:01	14	47.332	30.8	7.66	7.96	5.4	1.60
556	5/3/2007 04:16	14.06	47.198	30.7	7.73	7.96	5.1	1.44
557	5/3/2007 04:31	14.07	47.126	30.65	7.73	7.97	4.6	1.31
558	5/3/2007 04:46	14.14	47.01	30.57	7.82	7.98	4.8	1.18
559	5/3/2007 05:01	14.24	46.875	30.47	7.94	8.01	4.7	1.09
560	5/3/2007 05:16	14.27	46.802	30.42	7.96	8.01	4.4	0.97
561	5/3/2007 05:31	14.31	46.704	30.35	7.93	8.02	4.0	0.88
562	5/3/2007 05:46	14.34	46.626	30.3	7.94	8.03	3.9	0.81
563	5/3/2007 06:01	14.36	46.577	30.26	7.88	8.04	2.9	0.78
564	5/3/2007 06:16	14.27	46.591	30.27	8.04	8.03	6.7	0.79
565	5/3/2007 06:31	14.3	46.61	30.28	8.08	8.03	4.4	0.81
566	5/3/2007 06:46	14.25	46.672	30.33	8.05	8.03	4.7	0.86
567	5/3/2007 07:01	14.24	46.731	30.37	7.99	8.02	4.7	0.89
568	5/3/2007 07:16	14.22	46.793	30.41	7.95	8.01	4.7	0.96
569	5/3/2007 07:31	14.2	46.837	30.44	7.88	8	4.8	1.03
570	5/3/2007 07:46	14.21	46.042	29.87	7.93	7.99	5.2	1.10
571	5/3/2007 08:01	14.26	45.713	29.63	7.88	7.98	5.3	1.18
572	5/3/2007 08:16	14.29	45.563	29.53	7.9	7.98	5.5	1.23
573	5/3/2007 08:31	14.25	46.189	29.98	7.86	7.98	4.9	1.31
574	5/3/2007 08:46	14.22	46.467	30.18	7.8	7.98	4.9	1.39
575	5/3/2007 09:01	14.31	45.755	29.67	7.82	7.97	5.2	1.46
576	5/3/2007 09:16	14.35	45.461	29.46	7.75	7.96	6.0	1.55

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
577	5/3/2007 09:31	14.07	46.71	30.35	7.54	7.93	6.0	1.66
578	5/3/2007 09:46	13.94	47.368	30.82	7.41	7.91	5.6	1.75
579	5/3/2007 10:01	13.92	47.437	30.87	7.44	7.91	4.9	1.84
580	5/3/2007 10:16	13.9	47.504	30.92	7.48	7.91	5.0	1.93
581	5/3/2007 10:31	13.89	47.639	31.02	7.53	7.92	5.4	2.02
582	5/3/2007 10:46	13.65	47.964	31.24	7.41	7.89	5.7	2.11
583	5/3/2007 11:01	13.51	48.096	31.33	7.34	7.88	5.2	2.19
584	5/3/2007 11:16	13.41	48.157	31.38	7.35	7.87	4.9	2.27
585	5/3/2007 11:31	13.2	48.292	31.47	7.32	7.86	5.6	2.33
586	5/3/2007 11:46	13.08	48.371	31.52	7.3	7.85	5.1	2.40
587	5/3/2007 12:01	12.95	48.469	31.58	7.29	7.84	4.5	2.46
588	5/3/2007 12:16	12.7	48.62	31.68	7.32	7.83	5.0	2.53
589	5/3/2007 12:31	12.41	48.837	31.83	7.47	7.83	5.0	2.58
590	5/3/2007 12:46	12.2	49.009	31.95	7.58	7.83	4.5	2.61
591	5/3/2007 13:01	12.07	49.107	32.01	7.62	7.82	4.2	2.65
592	5/3/2007 13:16	12.04	49.138	32.03	7.6	7.82	3.9	2.68
593	5/3/2007 13:31	12.04	49.139	32.03	7.42	7.81	1.6	2.70
594	5/3/2007 13:46	12.01	49.168	32.05	7.59	7.82	3.5	2.70
595	5/3/2007 14:01	12.02	49.179	32.06	7.62	7.82	3.6	2.67
596	5/3/2007 14:16	12.07	49.154	32.05	7.65	7.83	3.9	2.65
597	5/3/2007 14:31	12.35	48.94	31.9	7.52	7.83	4.2	2.59
598	5/3/2007 14:46	12.75	48.606	31.68	7.46	7.84	4.1	2.52
599	5/3/2007 15:01	12.88	48.516	31.62	7.44	7.85	4.5	2.44
600	5/3/2007 15:16	13.09	48.369	31.52	7.54	7.87	4.2	2.38
601	5/3/2007 15:31	13.32	48.213	31.41	7.81	7.9	3.6	2.30
602	5/3/2007 15:46	13.56	47.999	31.27	8.25	7.95	3.2	2.25
603	5/3/2007 16:01	13.68	47.905	31.2	8.29	7.97	2.8	2.17
604	5/3/2007 16:16	13.89	47.745	31.09	8.76	8.01	2.8	2.10
605	5/3/2007 16:31	14.17	47.577	30.98	9.54	8.09	2.6	2.06
606	5/3/2007 16:46	14.17	47.515	30.93	9.62	8.09	2.4	2.01
607	5/3/2007 17:01	14.23	47.284	30.77	9.2	8.06	2.2	1.96
608	5/3/2007 17:16	14.23	47.207	30.71	9.02	8.05	2.4	1.92
609	5/3/2007 17:31	14.27	47.11	30.64	8.86	8.04	2.5	1.89
610	5/3/2007 17:46	14.23	47.135	30.66	8.79	8.02	2.5	1.90
611	5/3/2007 18:01	14.18	47.317	30.79	9.47	8.08	2.6	1.87
612	5/3/2007 18:16	14.18	47.385	30.84	9.81	8.11	2.7	1.88
613	5/3/2007 18:31	14.15	47.363	30.82	9.73	8.11	2.8	1.90
614	5/3/2007 18:46	14.07	47.379	30.83	9.25	8.06	3.1	1.94
615	5/3/2007 19:01	14	47.442	30.88	8.87	8.03	3.2	1.99
616	5/3/2007 19:16	13.86	47.552	30.95	8.48	7.99	3.5	2.02
617	5/3/2007 19:31	13.84	47.489	30.91	8.26	7.97	3.7	2.09
618	5/3/2007 19:46	13.76	47.646	31.02	8.16	7.95	3.6	2.15
619	5/3/2007 20:01	13.53	47.843	31.15	7.91	7.92	3.8	2.21
620	5/3/2007 20:16	13.25	48.079	31.31	7.74	7.9	4.0	2.28
621	5/3/2007 20:31	13	48.328	31.48	7.72	7.88	4.2	2.34
622	5/3/2007 20:46	12.84	48.458	31.57	7.6	7.86	4.4	2.42
623	5/3/2007 21:01	12.64	48.607	31.67	7.53	7.85	4.5	2.49
624	5/3/2007 21:16	12.49	48.729	31.76	7.55	7.84	4.3	2.56

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
625	5/3/2007 21:31	12.28	48.88	31.86	7.57	7.83	4.5	2.64
626	5/3/2007 21:46	12.03	49.065	31.98	7.62	7.83	4.7	2.72
627	5/3/2007 22:01	11.67	49.29	32.12	7.78	7.83	5.2	2.79
628	5/3/2007 22:16	11.51	49.311	32.13	7.85	7.83	5.6	2.86
629	5/3/2007 22:31	11.27	49.447	32.22	7.93	7.82	6.0	2.93
630	5/3/2007 22:46	11.12	49.518	32.26	7.96	7.82	6.1	3.00
631	5/3/2007 23:01	11.03	49.585	32.3	7.96	7.82	5.4	3.07
632	5/3/2007 23:16	10.96	49.625	32.33	7.95	7.82	5.0	3.11
633	5/3/2007 23:31	10.85	49.675	32.36	7.97	7.82	5.1	3.16
634	5/3/2007 23:46	10.83	49.683	32.36	7.96	7.82	4.4	3.21
635	5/4/2007 00:01	10.92	49.609	32.32	7.93	7.82	4.1	3.22
636	5/4/2007 00:16	10.84	49.692	32.37	7.8	7.81	3.4	3.21
637	5/4/2007 00:31	10.84	49.687	32.37	7.82	7.81	3.3	3.21
638	5/4/2007 00:46	11.45	49.228	32.07	7.65	7.81	3.5	3.17
639	5/4/2007 01:01	11.43	49.296	32.12	7.55	7.81	3.2	3.12
640	5/4/2007 01:16	11.65	49.122	32	7.41	7.81	3.0	3.06
641	5/4/2007 01:31	11.51	49.217	32.06	7.52	7.81	4.2	2.97
642	5/4/2007 01:46	11.8	48.986	31.91	7.38	7.8	3.0	2.90
643	5/4/2007 02:01	11.77	48.974	31.9	7.36	7.8	2.8	2.79
644	5/4/2007 02:16	12.04	48.773	31.77	7.31	7.8	3.3	2.68
645	5/4/2007 02:31	12.2	48.629	31.67	7.32	7.81	3.4	2.58
646	5/4/2007 02:46	12.46	48.41	31.52	7.26	7.83	5.9	2.48
647	5/4/2007 03:01	12.56	48.303	31.45	7.19	7.83	4.7	2.36
648	5/4/2007 03:16	12.77	48.114	31.32	7.34	7.85	5.6	2.25
649	5/4/2007 03:31	12.73	48.084	31.3	7.35	7.85	4.7	2.11
650	5/4/2007 03:46	12.9	47.862	31.14	7.27	7.86	4.9	2.01
651	5/4/2007 04:01	13.06	47.678	31.02	7.44	7.88	4.4	1.89
652	5/4/2007 04:16	13.15	47.406	30.82	7.41	7.9	4.5	1.75
653	5/4/2007 04:31	13.24	47.194	30.67	7.53	7.92	5.1	1.63
654	5/4/2007 04:46	13.12	47.332	30.77	7.48	7.9	4.0	1.49
655	5/4/2007 05:01	13.17	47.264	30.72	7.45	7.91	4.1	1.35
656	5/4/2007 05:16	13.23	47.174	30.66	7.44	7.91	3.9	1.23
657	5/4/2007 05:31	13.42	46.939	30.49	7.53	7.94	4.3	1.09
658	5/4/2007 05:46	13.49	46.826	30.42	7.57	7.95	4.0	0.99
659	5/4/2007 06:01	13.58	46.676	30.31	7.69	7.97	4.2	0.89
660	5/4/2007 06:16	13.65	46.579	30.24	7.71	7.99	4.5	0.81
661	5/4/2007 06:31	13.69	46.522	30.2	7.69	7.99	4.6	0.77
662	5/4/2007 06:46	13.73	46.485	30.18	7.68	8	3.1	0.76
663	5/4/2007 07:01	13.66	46.533	30.21	7.84	7.99	5.1	0.77
664	5/4/2007 07:16	13.65	46.564	30.23	7.79	7.99	4.5	0.80
665	5/4/2007 07:31	13.64	46.622	30.27	7.73	7.98	4.0	0.87
666	5/4/2007 07:46	13.65	46.643	30.29	7.7	7.97	4.4	0.92
667	5/4/2007 08:01	13.67	46.686	30.32	7.69	7.97	4.2	0.98
668	5/4/2007 08:16	13.64	46.74	30.36	7.64	7.96	4.6	1.05
669	5/4/2007 08:31	13.69	45.971	29.81	7.69	7.95	5.7	1.12
670	5/4/2007 08:46	13.67	46.081	29.88	7.65	7.95	5.3	1.18
671	5/4/2007 09:01	13.63	46.152	29.93	7.61	7.95	5.2	1.25
672	5/4/2007 09:16	13.68	45.998	29.82	7.63	7.95	4.9	1.33

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
673	5/4/2007 09:31	13.62	46.3	30.04	7.58	7.94	4.5	1.41
674	5/4/2007 09:46	13.57	46.48	30.17	7.52	7.93	4.4	1.49
675	5/4/2007 10:01	13.48	46.642	30.28	7.41	7.91	5.3	1.59
676	5/4/2007 10:16	13.47	46.759	30.37	7.42	7.91	5.2	1.68
677	5/4/2007 10:31	13.59	46.675	30.31	7.46	7.9	5.3	1.77
678	5/4/2007 10:46	13.65	46.717	30.34	7.48	7.9	4.7	1.86
679	5/4/2007 11:01	13.34	47.459	30.87	7.34	7.88	5.8	1.95
680	5/4/2007 11:16	13.19	47.629	30.99	7.21	7.88	4.5	2.04
681	5/4/2007 11:31	13.13	47.697	31.03	7.2	7.87	4.4	2.11
682	5/4/2007 11:46	13.09	47.824	31.12	7.23	7.86	4.6	2.19
683	5/4/2007 12:01	12.97	47.99	31.24	7.27	7.85	4.5	2.27
684	5/4/2007 12:16	12.9	48.036	31.27	7.33	7.85	4.6	2.32
685	5/4/2007 12:31	12.69	48.107	31.31	7.36	7.84	5.2	2.39
686	5/4/2007 12:46	12.6	48.159	31.35	7.4	7.84	5.2	2.44
687	5/4/2007 13:01	12.57	48.198	31.37	7.44	7.83	4.1	2.50
688	5/4/2007 13:16	12.56	48.254	31.41	7.43	7.83	4.1	2.54
689	5/4/2007 13:31	12.53	48.309	31.45	7.44	7.83	4.5	2.58
690	5/4/2007 13:46	12.41	48.401	31.51	7.45	7.82	5.3	2.61
691	5/4/2007 14:01	12.31	48.496	31.58	7.46	7.82	4.2	2.63
692	5/4/2007 14:16	12.45	48.451	31.55	7.46	7.83	3.1	2.65
693	5/4/2007 14:31	12.34	48.488	31.57	7.28	7.8	2.8	2.63
694	5/4/2007 14:46	12.5	48.393	31.51	7.23	7.8	3.4	2.61
695	5/4/2007 15:01	12.64	48.277	31.43	7.23	7.81	3.9	2.57
696	5/4/2007 15:16	13.21	48.044	31.29	7.9	7.89	4.4	2.51
697	5/4/2007 15:31	13.2	48.016	31.27	7.74	7.89	3.9	2.46
698	5/4/2007 15:46	13.61	47.909	31.2	8.34	7.95	3.8	2.40
699	5/4/2007 16:01	13.81	47.826	31.15	8.65	7.98	3.1	2.33
700	5/4/2007 16:16	14.09	47.808	31.14	9.36	8.05	4.0	2.28
701	5/4/2007 16:31	14.3	47.763	31.12	9.92	8.09	4.2	2.22
702	5/4/2007 16:46	14.41	47.686	31.06	10.27	8.12	3.8	2.16
703	5/4/2007 17:01	14.43	47.466	30.9	9.63	8.07	3.9	2.11
704	5/4/2007 17:16	14.41	47.287	30.78	9.3	8.04	3.8	2.06
705	5/4/2007 17:31	14.64	47.131	30.67	9.56	8.08	4.0	2.02
706	5/4/2007 17:46	14.61	47.047	30.61	9.28	8.06	3.9	1.98
707	5/4/2007 18:01	14.76	47.001	30.58	9.49	8.11	3.6	1.96
708	5/4/2007 18:16	14.64	47.062	30.62	9.4	8.08	3.9	1.94
709	5/4/2007 18:31	14.71	47.038	30.6	9.6	8.1	4.7	1.94
710	5/4/2007 18:46	14.73	47.185	30.71	9.92	8.13	4.5	1.96
711	5/4/2007 19:01	14.43	47.162	30.68	9.37	8.06	4.4	1.97
712	5/4/2007 19:16	14.47	46.912	30.5	9.04	8.03	4.8	2.01
713	5/4/2007 19:31	14.4	47.079	30.62	9.01	8.03	4.5	2.04
714	5/4/2007 19:46	14.34	47.207	30.71	9.01	8.02	4.7	2.09
715	5/4/2007 20:01	14.28	47.245	30.74	8.78	8	4.8	2.16
716	5/4/2007 20:16	14.32	47.154	30.68	8.56	7.99	4.5	2.20
717	5/4/2007 20:31	14.21	47.274	30.76	8.55	7.98	4.4	2.27
718	5/4/2007 20:46	14.01	47.462	30.89	8.35	7.96	5.2	2.33
719	5/4/2007 21:01	13.6	47.811	31.13	8.19	7.94	4.7	2.39
720	5/4/2007 21:16	13.62	47.723	31.07	8.22	7.94	4.1	2.46

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
721	5/4/2007 21:31	13.39	47.802	31.12	8.14	7.93	3.9	2.53
722	5/4/2007 21:46	12.85	48.243	31.42	8.11	7.9	3.8	2.59
723	5/4/2007 22:01	12.51	48.522	31.61	8.06	7.88	4.2	2.66
724	5/4/2007 22:16	12.29	48.659	31.7	8.08	7.87	4.5	2.73
725	5/4/2007 22:31	12.09	48.774	31.77	8.08	7.86	4.1	2.79
726	5/4/2007 22:46	12.06	48.779	31.77	8.08	7.86	4.0	2.86
727	5/4/2007 23:01	11.99	48.815	31.8	8.12	7.86	4.7	2.92
728	5/4/2007 23:16	11.82	48.934	31.87	8.24	7.86	4.8	2.98
729	5/4/2007 23:31	11.75	48.979	31.9	8.26	7.86	5.1	3.04
730	5/4/2007 23:46	11.64	49.033	31.94	8.28	7.86	4.9	3.09
731	5/5/2007 00:01	11.56	49.066	31.96	8.28	7.86	4.3	3.13
732	5/5/2007 00:16	11.48	49.114	31.99	8.29	7.86	3.9	3.17
733	5/5/2007 00:31	11.41	49.151	32.01	8.28	7.86	3.8	3.18
734	5/5/2007 00:46	11.59	49.051	31.95	8.08	7.85	3.0	3.18
735	5/5/2007 01:01	11.47	49.111	31.98	8.15	7.86	2.6	3.17
736	5/5/2007 01:16	11.54	49.059	31.95	8.13	7.85	3.0	3.14
737	5/5/2007 01:31	11.65	48.991	31.91	8.11	7.85	3.4	3.08
738	5/5/2007 01:46	12.03	48.654	31.68	7.96	7.87	6.0	3.01
739	5/5/2007 02:01	11.92	48.771	31.76	8	7.86	4.5	2.94
740	5/5/2007 02:16	12.28	48.482	31.57	7.9	7.87	4.8	2.85
741	5/5/2007 02:31	12.31	48.468	31.56	7.82	7.86	5.0	2.77
742	5/5/2007 02:46	12.53	48.252	31.41	7.44	7.84	2.8	2.67
743	5/5/2007 03:01	12.83	48.019	31.26	7.42	7.86	6.3	2.57
744	5/5/2007 03:16	12.88	47.959	31.21	7.47	7.86	3.5	2.47
745	5/5/2007 03:31	13.08	47.769	31.08	7.57	7.88	5.1	2.35
746	5/5/2007 03:46	13.33	47.526	30.92	7.6	7.89	4.4	2.24
747	5/5/2007 04:01	13.31	47.455	30.86	7.54	7.89	4.1	2.12
748	5/5/2007 04:16	13.39	47.337	30.78	7.48	7.9	5.1	2.01
749	5/5/2007 04:31	13.41	47.335	30.78	7.59	7.91	4.2	1.88
750	5/5/2007 04:46	13.57	47.176	30.67	7.68	7.95	4.5	1.76
751	5/5/2007 05:01	13.52	47.175	30.67	7.62	7.95	4.2	1.63
752	5/5/2007 05:16	13.64	47.039	30.57	7.72	7.97	4.4	1.49
753	5/5/2007 05:31	13.74	46.912	30.49	7.76	7.99	4.5	1.36
754	5/5/2007 05:46	13.77	46.831	30.43	7.82	8	5.0	1.22
755	5/5/2007 06:01	13.89	46.693	30.33	7.91	8.02	4.5	1.11
756	5/5/2007 06:16	13.95	46.612	30.27	7.95	8.03	4.2	1.01
757	5/5/2007 06:31	13.99	46.549	30.23	7.97	8.04	4.2	0.90
758	5/5/2007 06:46	14.04	46.483	30.18	7.97	8.05	4.2	0.83
759	5/5/2007 07:01	14.09	46.445	30.16	7.93	8.05	3.2	0.79
760	5/5/2007 07:16	14.08	46.44	30.15	8	8.06	5.5	0.79
761	5/5/2007 07:31	14.09	46.444	30.16	8.03	8.05	4.7	0.79
762	5/5/2007 07:46	14.09	46.451	30.16	8.03	8.05	4.4	0.83
763	5/5/2007 08:01	14.08	46.479	30.18	8.02	8.04	4.2	0.89
764	5/5/2007 08:16	14.08	46.501	30.2	8	8.04	4.7	0.91
765	5/5/2007 08:31	14.07	46.528	30.22	7.96	8.03	4.6	0.97
766	5/5/2007 08:46	14.07	46.552	30.23	8	8.03	4.7	1.04
767	5/5/2007 09:01	14.1	46.254	30.02	7.92	8.02	5.0	1.07
768	5/5/2007 09:16	14.14	46.173	29.96	7.93	8.03	5.2	1.13

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
769	5/5/2007 09:31	14.11	46.205	29.99	7.92	8.02	5.2	1.20
770	5/5/2007 09:46	14.11	46.244	30.01	7.95	8.02	5.0	1.27
771	5/5/2007 10:01	14.08	46.256	30.02	7.91	8.01	5.3	1.33
772	5/5/2007 10:16	14.1	46.197	29.98	7.89	8.01	5.0	1.42
773	5/5/2007 10:31	14	46.35	30.09	7.81	8	5.5	1.52
774	5/5/2007 10:46	13.98	46.384	30.11	7.73	7.98	5.8	1.59
775	5/5/2007 11:01	13.87	46.613	30.27	7.66	7.96	5.5	1.70
776	5/5/2007 11:16	14.03	46.484	30.18	7.77	7.96	5.6	1.79
777	5/5/2007 11:31	14.17	46.398	30.13	7.74	7.96	5.2	1.88
778	5/5/2007 11:46	14.1	46.688	30.33	7.75	7.95	4.7	1.96
779	5/5/2007 12:01	13.55	47.368	30.81	7.54	7.91	4.5	2.05
780	5/5/2007 12:16	13.43	47.498	30.9	7.52	7.9	4.8	2.12
781	5/5/2007 12:31	13.39	47.608	30.98	7.57	7.9	4.6	2.18
782	5/5/2007 12:46	13.32	47.693	31.04	7.57	7.89	4.5	2.26
783	5/5/2007 13:01	13.35	47.699	31.04	7.61	7.89	4.2	2.33
784	5/5/2007 13:16	13.23	47.712	31.05	7.55	7.88	4.5	2.37
785	5/5/2007 13:31	13.17	47.748	31.07	7.54	7.87	4.0	2.42
786	5/5/2007 13:46	13.11	47.804	31.11	7.58	7.87	4.0	2.48
787	5/5/2007 14:01	13.09	47.847	31.14	7.67	7.87	3.8	2.51
788	5/5/2007 14:16	13.06	47.882	31.16	7.7	7.87	4.0	2.54
789	5/5/2007 14:31	13.04	47.916	31.19	7.75	7.87	8.3	2.57
790	5/5/2007 14:46	13.03	47.483	30.87	7.66	7.87	2.9	2.58
791	5/5/2007 15:01	12.95	47.918	31.19	7.27	7.85	3.0	2.57
792	5/5/2007 15:16	12.94	47.925	31.19	7.26	7.84	2.9	2.56
793	5/5/2007 15:31	13.06	47.872	31.16	7.31	7.84	3.0	2.53
794	5/5/2007 15:46	13.22	47.822	31.13	7.47	7.86	10.8	2.49
795	5/5/2007 16:01	13.58	47.71	31.06	7.9	7.91	3.9	2.43
796	5/5/2007 16:16	13.85	47.615	31	8.12	7.94	4.5	2.40
797	5/5/2007 16:31	14.21	47.525	30.94	8.61	8	6.1	2.34
798	5/5/2007 16:46	14.1	47.517	30.93	8.46	7.98	7.3	2.28
799	5/5/2007 17:01	14.22	47.521	30.94	8.88	8.01	6.9	2.25
800	5/5/2007 17:16	14.24	47.538	30.95	9.11	8.02	6.7	2.19
801	5/5/2007 17:31	14.47	47.436	30.88	9.5	8.09	6.2	2.12
802	5/5/2007 17:46	14.64	47.176	30.7	9.43	8.1	7.2	2.09
803	5/5/2007 18:01	14.66	47.038	30.6	9.27	8.08	8.1	2.06
804	5/5/2007 18:16	14.75	46.951	30.54	9.37	8.1	7.5	2.01
805	5/5/2007 18:31	14.82	46.868	30.48	9.3	8.1	6.9	1.99
806	5/5/2007 18:46	14.87	46.879	30.49	9.35	8.12	7.4	1.99
807	5/5/2007 19:01	14.88	46.925	30.52	9.63	8.15	5.8	1.98
808	5/5/2007 19:16	14.74	47.03	30.6	9.52	8.12	6.8	1.98
809	5/5/2007 19:31	14.58	46.994	30.57	9.2	8.08	6.6	2.01
810	5/5/2007 19:46	14.65	46.793	30.42	8.86	8.04	7.2	2.05
811	5/5/2007 20:01	14.57	46.85	30.46	8.81	8.04	6.7	2.07
812	5/5/2007 20:16	14.52	46.92	30.51	8.69	8.02	6.9	2.12
813	5/5/2007 20:31	14.47	46.97	30.55	8.67	8.02	6.7	2.17
814	5/5/2007 20:46	14.46	46.979	30.55	8.44	8	6.7	2.21
815	5/5/2007 21:01	14.43	46.989	30.56	8.35	7.99	6.3	2.28
816	5/5/2007 21:16	14.35	47.08	30.62	8.39	7.99	6.3	2.33

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
817	5/5/2007 21:31	14.3	47.103	30.64	8.26	7.98	5.9	2.39
818	5/5/2007 21:46	14.13	47.219	30.72	8.14	7.97	5.1	2.44
819	5/5/2007 22:01	13.85	47.442	30.87	8.06	7.95	4.5	2.50
820	5/5/2007 22:16	13.56	47.657	31.02	8.09	7.94	4.3	2.56
821	5/5/2007 22:31	13.3	47.818	31.13	8.07	7.93	4.0	2.61
822	5/5/2007 22:46	13.12	47.883	31.17	8.06	7.92	4.0	2.68
823	5/5/2007 23:01	13.12	47.897	31.18	8.13	7.93	3.9	2.73
824	5/5/2007 23:16	12.79	48.126	31.33	8.09	7.91	3.4	2.79
825	5/5/2007 23:31	12.48	48.324	31.46	7.94	7.89	3.2	2.85
826	5/5/2007 23:46	12.1	48.678	31.7	7.92	7.86	3.9	2.92
827	5/6/2007 00:01	12.01	48.76	31.76	7.94	7.86	3.8	2.96
828	5/6/2007 00:16	11.98	48.804	31.79	7.94	7.86	3.9	3.00
829	5/6/2007 00:31	11.93	48.792	31.78	7.96	7.87	3.5	3.05
830	5/6/2007 00:46	11.89	48.88	31.84	7.96	7.86	5.6	3.08
831	5/6/2007 01:01	11.87	48.9	31.85	7.93	7.86	10.2	3.09
832	5/6/2007 01:16	11.91	48.878	31.84	7.72	7.85	20.5	3.11
833	5/6/2007 01:31	11.93	48.864	31.83	7.67	7.85	44.8	3.10
834	5/6/2007 01:46	11.86	48.912	31.86	7.71	7.85	53.9	3.06
835	5/6/2007 02:01	12.18	48.608	31.65	7.69	7.86	3.3	3.03
836	5/6/2007 02:16	12.19	48.583	31.64	7.71	7.86	3.3	2.98
837	5/6/2007 02:31	12.47	48.322	31.46	7.72	7.88	4.1	2.90
838	5/6/2007 02:46	12.4	48.435	31.54	7.72	7.87	4.5	2.82
839	5/6/2007 03:01	12.51	48.313	31.45	7.72	7.88	4.1	2.74
840	5/6/2007 03:16	12.65	48.125	31.32	7.62	7.87	4.3	2.65
841	5/6/2007 03:31	13	47.756	31.07	7.24	7.86	3.8	2.55
842	5/6/2007 03:46	13.14	47.599	30.96	7.13	7.86	3.2	2.45
843	5/6/2007 04:01	13.31	47.452	30.86	7.27	7.89	4.3	2.35
844	5/6/2007 04:16	13.51	47.258	30.73	7.45	7.91	6.3	2.24
845	5/6/2007 04:31	13.57	47.117	30.63	7.34	7.91	5.5	2.13
846	5/6/2007 04:46	13.63	47.023	30.56	7.28	7.91	5.3	2.03
847	5/6/2007 05:01	13.68	47.031	30.57	7.43	7.93	5.2	1.91
848	5/6/2007 05:16	13.62	47.045	30.58	7.37	7.93	5.0	1.78
849	5/6/2007 05:31	13.67	46.956	30.51	7.36	7.94	5.0	1.65
850	5/6/2007 05:46	13.79	46.848	30.44	7.36	7.97	5.7	1.53
851	5/6/2007 06:01	13.9	46.764	30.38	7.5	8	5.2	1.39
852	5/6/2007 06:16	13.99	46.693	30.33	7.62	8.02	6.8	1.27
853	5/6/2007 06:31	14.11	46.606	30.27	7.68	8.04	5.2	1.17
854	5/6/2007 06:46	14.17	46.558	30.24	7.71	8.04	5.0	1.06
855	5/6/2007 07:01	14.25	46.489	30.19	7.75	8.06	5.5	0.95
856	5/6/2007 07:16	14.29	46.452	30.17	7.74	8.06	5.3	0.90
857	5/6/2007 07:31	14.34	46.415	30.14	7.7	8.06	5.2	0.84
858	5/6/2007 07:46	14.43	46.368	30.11	7.63	8.07	4.6	0.80
859	5/6/2007 08:01	14.4	46.425	30.15	7.86	8.07	6.6	0.82
860	5/6/2007 08:16	14.41	46.404	30.14	7.82	8.07	6.1	0.83
861	5/6/2007 08:31	14.58	46.356	30.11	7.81	8.07	5.7	0.86
862	5/6/2007 08:46	14.45	46.417	30.15	7.79	8.06	5.6	0.90
863	5/6/2007 09:01	14.43	46.427	30.15	7.75	8.05	6.3	0.94
864	5/6/2007 09:16	14.39	46.451	30.17	7.74	8.05	6.6	0.99

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
865	5/6/2007 09:31	14.77	45.713	29.65	7.85	8.05	6.6	1.02
866	5/6/2007 09:46	14.53	45.987	29.84	7.77	8.04	7.1	1.09
867	5/6/2007 10:01	14.46	46.132	29.94	7.72	8.04	7.0	1.14
868	5/6/2007 10:16	14.48	45.895	29.77	7.74	8.04	7.1	1.19
869	5/6/2007 10:31	14.39	45.972	29.82	7.71	8.03	6.8	1.27
870	5/6/2007 10:46	14.37	46.015	29.85	7.69	8.03	6.4	1.34
871	5/6/2007 11:01	14.36	45.936	29.8	7.66	8.02	6.3	1.42
872	5/6/2007 11:16	14.34	45.987	29.83	7.61	8.02	6.2	1.49
873	5/6/2007 11:31	14.16	46.18	29.97	7.5	7.98	6.1	1.59
874	5/6/2007 11:46	14.04	46.485	30.19	7.53	7.97	5.9	1.67
875	5/6/2007 12:01	14.09	46.532	30.22	7.53	7.96	5.9	1.75
876	5/6/2007 12:16	14.13	46.634	30.29	7.57	7.96	5.2	1.85
877	5/6/2007 12:31	13.72	47.123	30.64	7.48	7.93	4.7	1.92
878	5/6/2007 12:46	13.67	47.261	30.74	7.47	7.92	5.0	1.99
879	5/6/2007 13:01	13.64	47.344	30.79	7.49	7.92	4.7	2.07
880	5/6/2007 13:16	13.54	47.447	30.87	7.45	7.91	4.6	2.14
881	5/6/2007 13:31	13.5	47.501	30.9	7.44	7.9	4.2	2.20
882	5/6/2007 13:46	13.44	47.56	30.94	7.44	7.89	4.2	2.25
883	5/6/2007 14:01	13.41	47.582	30.96	7.44	7.89	4.1	2.31
884	5/6/2007 14:16	13.38	47.607	30.98	7.48	7.89	4.1	2.35
885	5/6/2007 14:31	13.4	47.614	30.98	7.51	7.89	4.1	2.40
886	5/6/2007 14:46	13.34	47.65	31.01	7.5	7.88	4.1	2.43
887	5/6/2007 15:01	13.34	47.673	31.02	7.57	7.88	4.0	2.46
888	5/6/2007 15:16	13.32	47.694	31.04	7.49	7.88	3.5	2.47
889	5/6/2007 15:31	13.33	47.691	31.04	7.19	7.86	3.0	2.48
890	5/6/2007 15:46	13.34	47.691	31.04	7.25	7.86	2.8	2.50
891	5/6/2007 16:01	13.36	47.685	31.03	7.3	7.87	3.0	2.49
892	5/6/2007 16:16	13.42	47.672	31.02	7.28	7.86	2.8	2.47
893	5/6/2007 16:31	13.56	47.617	30.99	7.43	7.88	2.8	2.45
894	5/6/2007 16:46	13.87	47.525	30.93	7.66	7.92	4.9	2.42
895	5/6/2007 17:01	14.08	47.411	30.86	7.6	7.92	6.3	2.37
896	5/6/2007 17:16	14.38	47.347	30.82	7.89	7.95	9.0	2.32
897	5/6/2007 17:31	14.58	47.284	30.78	8.11	7.97	9.2	2.29
898	5/6/2007 17:46	14.54	47.296	30.78	8.19	7.97	8.3	2.23
899	5/6/2007 18:01	14.55	47.338	30.81	8.28	7.98	11.0	2.18
900	5/6/2007 18:16	14.59	47.339	30.82	8.37	7.99	8.8	2.14
901	5/6/2007 18:31	14.79	47.299	30.79	8.66	8.05	8.9	2.09
902	5/6/2007 18:46	14.94	47.121	30.67	8.62	8.07	6.8	2.06
903	5/6/2007 19:01	15.05	47.067	30.63	8.63	8.07	7.1	2.02
904	5/6/2007 19:16	15.35	47.115	30.67	8.75	8.12	5.5	2.00
905	5/6/2007 19:31	14.98	47.044	30.61	8.36	8.05	2.9	1.99
906	5/6/2007 19:46	15.17	47.066	30.63	9.1	8.13	7.4	2.00
907	5/6/2007 20:01	15.09	47.129	30.68	9.07	8.12	6.7	2.01
908	5/6/2007 20:16	14.85	47.088	30.64	8.61	8.05	7.0	2.02
909	5/6/2007 20:31	14.75	47.059	30.62	8.43	8.02	6.6	2.05
910	5/6/2007 20:46	14.69	47.044	30.61	8.26	8	6.8	2.09
911	5/6/2007 21:01	14.8	46.866	30.48	8.09	7.99	6.9	2.14
912	5/6/2007 21:16	14.87	46.795	30.43	8.09	7.99	6.7	2.18

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
913	5/6/2007 21:31	14.82	46.8	30.43	8.03	7.98	6.3	2.23
914	5/6/2007 21:46	14.69	46.921	30.52	7.96	7.97	5.6	2.28
915	5/6/2007 22:01	14.5	47.122	30.66	7.93	7.96	6.4	2.33
916	5/6/2007 22:16	14.37	47.17	30.69	7.79	7.95	5.3	2.37
917	5/6/2007 22:31	14.29	47.196	30.71	7.86	7.96	5.2	2.43
918	5/6/2007 22:46	14.15	47.258	30.75	7.86	7.95	5.0	2.47
919	5/6/2007 23:01	13.74	47.538	30.94	7.8	7.93	4.2	2.52
920	5/6/2007 23:16	13.45	47.723	31.06	7.77	7.91	3.9	2.57
921	5/6/2007 23:31	13.25	47.854	31.15	7.77	7.9	3.4	2.63
922	5/6/2007 23:46	13.09	47.963	31.22	7.73	7.89	3.2	2.68
923	5/7/2007 00:01	12.8	48.198	31.38	7.69	7.88	3.1	2.74
924	5/7/2007 00:16	12.48	48.449	31.55	7.65	7.87	2.9	2.79
925	5/7/2007 00:31	12.18	48.68	31.71	7.6	7.85	3.0	2.84
926	5/7/2007 00:46	12.13	48.768	31.77	7.61	7.85	2.8	2.89
927	5/7/2007 01:01	11.97	48.894	31.85	7.6	7.85	2.9	2.93
928	5/7/2007 01:16	11.86	48.974	31.9	7.61	7.85	3.0	2.96
929	5/7/2007 01:31	11.83	48.986	31.91	7.59	7.84	3.0	2.99
930	5/7/2007 01:46	11.94	48.955	31.9	7.35	7.84	1.7	3.00
931	5/7/2007 02:01	11.86	48.988	31.91	7.34	7.83	2.7	3.00
932	5/7/2007 02:16	12.3	48.627	31.67	7.33	7.84	2.2	2.98
933	5/7/2007 02:31	11.95	48.921	31.87	7.34	7.83	2.6	2.96
934	5/7/2007 02:46	12.01	48.893	31.85	7.33	7.83	2.8	2.92
935	5/7/2007 03:01	12.28	48.639	31.68	7.3	7.83	5.3	2.86
936	5/7/2007 03:16	12.39	48.624	31.68	7.34	7.85	3.2	2.80
937	5/7/2007 03:31	12.35	48.62	31.67	7.4	7.85	3.3	2.72
938	5/7/2007 03:46	12.62	48.39	31.52	7.4	7.86	5.0	2.63
939	5/7/2007 04:01	13	48.132	31.34	7.19	7.86	4.5	2.56
940	5/7/2007 04:16	13.51	47.709	31.05	6.94	7.86	3.7	2.46
941	5/7/2007 04:31	13.68	47.569	30.96	6.67	7.84	4.5	2.37
942	5/7/2007 04:46	13.78	47.514	30.92	6.84	7.86	6.7	2.27
943	5/7/2007 05:01	14.03	47.359	30.82	6.97	7.88	7.3	2.18
944	5/7/2007 05:16	14.13	47.331	30.8	6.91	7.88	5.1	2.09
945	5/7/2007 05:31	14.14	47.314	30.79	6.68	7.87	4.8	1.96
946	5/7/2007 05:46	14.26	47.237	30.73	6.59	7.88	5.5	1.85
947	5/7/2007 06:01	14.35	47.186	30.7	6.73	7.88	5.8	1.74
948	5/7/2007 06:16	14.42	47.228	30.73	6.92	7.91	6.0	1.62
949	5/7/2007 06:31	14.34	47.354	30.82	7.07	7.92	5.5	1.50
950	5/7/2007 06:46	14.54	47.204	30.72	7.18	7.95	4.7	1.38
951	5/7/2007 07:01	14.72	47.093	30.64	7.28	7.97	4.5	1.28
952	5/7/2007 07:16	14.9	46.976	30.56	7.36	8	4.4	1.17
953	5/7/2007 07:31	15.09	46.887	30.5	7.42	8.01	4.4	1.07
954	5/7/2007 07:46	15.22	46.847	30.47	7.49	8.03	4.1	1.00
955	5/7/2007 08:01	15.34	46.82	30.46	7.46	8.04	3.7	0.93
956	5/7/2007 08:16	15.42	46.801	30.44	7.4	8.04	3.8	0.89
957	5/7/2007 08:31	15.52	46.762	30.42	7.29	8.04	2.3	0.86
958	5/7/2007 08:46	15.48	46.803	30.45	7.62	8.04	6.4	0.84
959	5/7/2007 09:01	15.4	46.835	30.47	7.57	8.04	4.9	0.86
960	5/7/2007 09:16	15.17	46.891	30.51	7.42	8.01	5.3	0.87

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
961	5/7/2007 09:31	15.54	46.851	30.48	7.56	8.02	4.2	0.91
962	5/7/2007 09:46	15.68	46.857	30.49	7.44	8.01	4.2	0.95
963	5/7/2007 10:01	15.39	46.921	30.53	7.47	8.01	4.9	1.00
964	5/7/2007 10:16	15.31	46.915	30.53	7.35	8	4.9	1.04
965	5/7/2007 10:31	15.96	46.463	30.21	7.53	8.01	5.3	1.09
966	5/7/2007 10:46	15.57	46.679	30.36	7.35	8	5.6	1.14
967	5/7/2007 11:01	15.37	46.661	30.34	7.34	7.99	5.8	1.20
968	5/7/2007 11:16	15.2	46.593	30.29	7.27	7.98	6.1	1.26
969	5/7/2007 11:31	15.14	46.607	30.3	7.3	7.98	6.0	1.32
970	5/7/2007 11:46	15.26	46.407	30.16	7.29	7.98	6.1	1.41
971	5/7/2007 12:01	15	46.615	30.3	7.18	7.96	6.7	1.47
972	5/7/2007 12:16	14.87	46.748	30.4	7.17	7.95	6.2	1.55
973	5/7/2007 12:31	14.78	46.878	30.49	7.22	7.94	6.3	1.65
974	5/7/2007 12:46	14.75	47.007	30.58	7.25	7.94	5.2	1.72
975	5/7/2007 13:01	14.98	46.968	30.56	7.33	7.94	5.0	1.80
976	5/7/2007 13:16	14.82	47.249	30.76	7.32	7.93	4.6	1.89
977	5/7/2007 13:31	14.34	47.572	30.98	7.27	7.92	4.6	1.96
978	5/7/2007 13:46	14.19	47.705	31.07	7.29	7.91	4.4	2.03
979	5/7/2007 14:01	14.12	47.803	31.14	7.3	7.91	4.2	2.09
980	5/7/2007 14:16	14	47.894	31.2	7.29	7.9	4.2	2.16
981	5/7/2007 14:31	13.93	47.978	31.26	7.31	7.89	4.4	2.20
982	5/7/2007 14:46	13.9	48.014	31.29	7.29	7.89	4.3	2.25
983	5/7/2007 15:01	13.91	48.048	31.31	7.33	7.89	4.1	2.31
984	5/7/2007 15:16	14.01	48.054	31.32	7.39	7.89	3.7	2.35
985	5/7/2007 15:31	13.82	48.123	31.36	7.39	7.88	3.7	2.38
986	5/7/2007 15:46	13.79	48.162	31.39	7.39	7.87	3.7	2.41
987	5/7/2007 16:01	13.76	48.19	31.41	7.37	7.87	3.4	2.44
988	5/7/2007 16:16	13.64	48.242	31.44	7.28	7.86	3.3	2.45
989	5/7/2007 16:31	13.46	48.309	31.49	7.16	7.85	2.4	2.47
990	5/7/2007 16:46	13.6	48.265	31.46	7.06	7.85	2.6	2.46
991	5/7/2007 17:01	13.58	48.269	31.46	7.07	7.85	2.7	2.45
992	5/7/2007 17:16	13.62	48.231	31.44	7.12	7.85	2.8	2.43
993	5/7/2007 17:31	13.8	48.168	31.4	7.13	7.86	2.8	2.41
994	5/7/2007 17:46	14.25	48.092	31.35	7.5	7.9	2.9	2.38
995	5/7/2007 18:01	14.46	47.945	31.25	7.33	7.9	3.8	2.33
996	5/7/2007 18:16	14.45	48.106	31.37	7.53	7.91	2.8	2.30
997	5/7/2007 18:31	14.49	47.988	31.28	7.58	7.92	2.8	2.26
998	5/7/2007 18:46	14.61	47.861	31.2	7.54	7.98	2.3	2.21
999	5/7/2007 19:01	14.81	47.869	31.21	7.79	7.99	2.8	2.17
1000	5/7/2007 19:16	15.08	47.72	31.1	8.09	8	2.4	2.15
1001	5/7/2007 19:31	15.1	47.688	31.08	7.94	7.97	1.8	2.12
1002	5/7/2007 19:46	15.11	47.72	31.1	7.73	7.96	2.6	2.09
1003	5/7/2007 20:01	15.44	47.663	31.07	8.01	8	1.1	2.08
1004	5/7/2007 20:16	15.42	47.714	31.11	8.87	8.06	2.9	2.08
1005	5/7/2007 20:31	15.62	47.699	31.1	9.46	8.11	3.3	2.06
1006	5/7/2007 20:46	15.8	47.621	31.05	9.77	8.13	2.8	2.07
1007	5/7/2007 21:01	15.94	47.52	30.97	9.57	8.12	2.9	2.09
1008	5/7/2007 21:16	15.55	47.631	31.05	9.13	8.07	3.3	2.10

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1009	5/7/2007 21:31	15.08	47.735	31.12	8.37	7.99	3.4	2.12
1010	5/7/2007 21:46	15.2	47.677	31.08	8.3	8.01	3.3	2.15
1011	5/7/2007 22:01	15.43	47.578	31.01	8.59	8.04	3.2	2.19
1012	5/7/2007 22:16	14.91	47.728	31.11	8.03	7.97	3.4	2.22
1013	5/7/2007 22:31	15.19	47.53	30.97	8.07	7.99	3.5	2.26
1014	5/7/2007 22:46	14.32	47.984	31.28	7.59	7.91	3.1	2.31
1015	5/7/2007 23:01	14.19	48.08	31.34	7.58	7.91	3.0	2.35
1016	5/7/2007 23:16	14.16	48.115	31.37	7.68	7.91	2.9	2.40
1017	5/7/2007 23:31	14.1	48.171	31.41	7.74	7.92	2.7	2.45
1018	5/7/2007 23:46	14.01	48.238	31.45	7.78	7.93	2.8	2.50
1019	5/8/2007 00:01	13.95	48.284	31.48	7.73	7.92	2.8	2.56
1020	5/8/2007 00:16	13.7	48.321	31.5	7.61	7.9	2.8	2.61
1021	5/8/2007 00:31	13.46	48.487	31.62	7.5	7.89	2.7	2.66
1022	5/8/2007 00:46	13.37	48.499	31.62	7.51	7.88	2.5	2.71
1023	5/8/2007 01:01	13.12	48.67	31.74	7.46	7.87	2.6	2.76
1024	5/8/2007 01:16	12.91	48.746	31.78	7.46	7.86	2.6	2.81
1025	5/8/2007 01:31	12.57	48.953	31.92	7.42	7.85	2.3	2.84
1026	5/8/2007 01:46	12.23	49.245	32.12	7.3	7.83	2.4	2.89
1027	5/8/2007 02:01	12.25	49.225	32.1	7.24	7.84	2.5	2.92
1028	5/8/2007 02:16	11.98	49.462	32.26	7.2	7.83	2.8	2.93
1029	5/8/2007 02:31	11.91	49.487	32.28	7.2	7.82	2.4	2.95
1030	5/8/2007 02:46	11.94	49.504	32.29	6.98	7.81	2.0	2.96
1031	5/8/2007 03:01	11.9	49.519	32.3	6.97	7.81	2.0	2.94
1032	5/8/2007 03:16	11.94	49.513	32.3	7.05	7.81	2.4	2.92
1033	5/8/2007 03:31	12.31	49.243	32.12	7.04	7.82	2.5	2.89
1034	5/8/2007 03:46	12.49	49.169	32.07	7.07	7.83	3.2	2.84
1035	5/8/2007 04:01	12.63	49.072	32.01	7.17	7.84	3.0	2.77
1036	5/8/2007 04:16	12.72	49.01	31.97	7.17	7.84	3.1	2.72
1037	5/8/2007 04:31	13.07	48.792	31.82	7.16	7.85	3.1	2.64
1038	5/8/2007 04:46	13.1	48.788	31.82	7.11	7.85	2.9	2.56
1039	5/8/2007 05:01	13.77	48.446	31.6	6.97	7.87	4.5	2.48
1040	5/8/2007 05:16	14.25	48.139	31.39	6.96	7.89	2.8	2.41
1041	5/8/2007 05:31	14.29	48.054	31.33	6.87	7.87	2.8	2.31
1042	5/8/2007 05:46	14.85	47.833	31.18	6.86	7.91	3.0	2.22
1043	5/8/2007 06:01	14.88	47.645	31.05	7.06	7.91	3.1	2.13
1044	5/8/2007 06:16	15.07	47.605	31.02	6.97	7.92	4.2	2.03
1045	5/8/2007 06:31	15.3	47.418	30.89	7.08	7.94	3.9	1.91
1046	5/8/2007 06:46	15.56	47.452	30.92	7.14	7.97	3.4	1.82
1047	5/8/2007 07:01	15.53	47.293	30.8	7.32	7.98	2.5	1.71
1048	5/8/2007 07:16	15.66	47.247	30.77	7.52	7.99	3.0	1.60
1049	5/8/2007 07:31	15.64	47.263	30.78	7.7	8	2.7	1.50
1050	5/8/2007 07:46	15.76	47.217	30.75	7.87	8.02	2.7	1.39
1051	5/8/2007 08:01	15.88	47.157	30.71	7.87	8.02	2.6	1.30
1052	5/8/2007 08:16	15.99	47.124	30.69	8.1	8.05	2.5	1.20
1053	5/8/2007 08:31	16.1	47.098	30.67	8.08	8.06	2.4	1.12
1054	5/8/2007 08:46	16.2	47.082	30.66	7.74	8.04	1.6	1.05
1055	5/8/2007 09:01	16.34	47.013	30.61	7.87	8.06	1.9	0.98
1056	5/8/2007 09:16	16.42	46.988	30.6	7.77	8.05	1.6	0.95

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1057	5/8/2007 09:31	16.49	46.974	30.59	7.98	8.07	3.1	0.93
1058	5/8/2007 09:46	16.18	47.084	30.66	8.22	8.05	3.4	0.91
1059	5/8/2007 10:01	16.01	47.096	30.67	7.75	8.02	3.3	0.93
1060	5/8/2007 10:16	16.03	47.097	30.67	8.15	8.04	4.0	0.95
1061	5/8/2007 10:31	16.17	47.021	30.62	8.05	8.04	3.1	0.98
1062	5/8/2007 10:46	16.28	46.995	30.6	8.07	8.04	2.8	1.02
1063	5/8/2007 11:01	16.19	47.028	30.62	8.04	8.04	3.0	1.06
1064	5/8/2007 11:16	16.05	47.066	30.65	7.91	8.02	3.1	1.10
1065	5/8/2007 11:31	16.31	46.551	30.28	7.87	8.02	4.2	1.16
1066	5/8/2007 11:46	16.15	46.774	30.44	7.81	8.01	3.8	1.21
1067	5/8/2007 12:01	16.19	46.704	30.39	7.79	8.01	3.9	1.25
1068	5/8/2007 12:16	16.07	46.75	30.42	7.73	8	4.1	1.33
1069	5/8/2007 12:31	16.01	46.641	30.34	7.69	8	4.2	1.39
1070	5/8/2007 12:46	16.01	46.698	30.38	7.66	8	4.0	1.47
1071	5/8/2007 13:01	15.87	46.697	30.38	7.53	7.98	4.2	1.54
1072	5/8/2007 13:16	15.61	46.917	30.53	7.37	7.96	4.2	1.61
1073	5/8/2007 13:31	15.32	47.16	30.7	7.3	7.94	3.8	1.70
1074	5/8/2007 13:46	15.52	47.038	30.62	7.43	7.95	3.9	1.78
1075	5/8/2007 14:01	15.34	47.207	30.74	7.4	7.94	3.6	1.85
1076	5/8/2007 14:16	14.95	47.527	30.96	7.31	7.92	3.6	1.92
1077	5/8/2007 14:31	14.56	47.802	31.15	7.13	7.9	3.5	1.99
1078	5/8/2007 14:46	14.51	47.868	31.2	7.07	7.89	3.5	2.06
1079	5/8/2007 15:01	14.4	47.932	31.24	7.06	7.89	3.4	2.12
1080	5/8/2007 15:16	14.34	47.987	31.28	7.12	7.89	3.4	2.18
1081	5/8/2007 15:31	14.26	48.034	31.31	7.1	7.88	3.6	2.23
1082	5/8/2007 15:46	14.18	48.077	31.34	7.13	7.88	3.3	2.28
1083	5/8/2007 16:01	14.03	48.152	31.39	7.07	7.87	3.1	2.32
1084	5/8/2007 16:16	13.94	48.19	31.42	7.03	7.86	3.4	2.37
1085	5/8/2007 16:31	13.87	48.226	31.44	7.02	7.86	4.1	2.41
1086	5/8/2007 16:46	13.83	48.247	31.45	6.96	7.85	3.0	2.44
1087	5/8/2007 17:01	13.77	48.298	31.49	6.91	7.84	2.7	2.47
1088	5/8/2007 17:16	13.71	48.341	31.52	6.84	7.84	2.4	2.48
1089	5/8/2007 17:31	13.7	48.363	31.53	6.34	7.81	1.0	2.50
1090	5/8/2007 17:46	13.68	48.354	31.53	6.55	7.82	2.0	2.50
1091	5/8/2007 18:01	13.69	48.354	31.53	6.32	7.79	1.2	2.49
1092	5/8/2007 18:16	13.7	48.344	31.52	6.33	7.8	1.3	2.47
1093	5/8/2007 18:31	13.79	48.298	31.49	6.75	7.83	2.3	2.44
1094	5/8/2007 18:46	14.11	48.146	31.39	7.25	7.91	2.3	2.42
1095	5/8/2007 19:01	14.28	48.089	31.35	7.26	7.91	1.9	2.37
1096	5/8/2007 19:16	14.35	48.08	31.35	7.29	7.91	2.2	2.34
1097	5/8/2007 19:31	14.66	47.914	31.24	7.78	7.99	2.0	2.30
1098	5/8/2007 19:46	14.74	47.925	31.24	7.83	7.99	2.2	2.26
1099	5/8/2007 20:01	14.81	47.886	31.22	7.88	7.98	3.6	2.23
1100	5/8/2007 20:16	14.9	47.856	31.2	8	8	2.5	2.18
1101	5/8/2007 20:31	15.06	47.812	31.17	8.33	8.04	2.7	2.16
1102	5/8/2007 20:46	15.04	47.799	31.16	8.03	8	2.2	2.13
1103	5/8/2007 21:01	15.07	47.784	31.15	8.11	8.02	1.6	2.11
1104	5/8/2007 21:16	15.09	47.767	31.14	7.9	8.02	1.8	2.08

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1105	5/8/2007 21:31	15.06	47.76	31.13	7.65	7.99	1.8	2.08
1106	5/8/2007 21:46	14.95	47.803	31.16	7.93	8.01	2.8	2.08
1107	5/8/2007 22:01	14.9	47.804	31.16	8.13	8.04	3.1	2.07
1108	5/8/2007 22:16	14.81	47.771	31.13	7.47	7.93	2.7	2.08
1109	5/8/2007 22:31	14.86	47.747	31.12	7.75	7.97	2.8	2.10
1110	5/8/2007 22:46	14.85	47.715	31.1	7.65	7.96	2.8	2.12
1111	5/8/2007 23:01	14.78	47.755	31.12	7.51	7.94	3.7	2.15
1112	5/8/2007 23:16	14.58	47.864	31.2	7.35	7.93	3.2	2.18
1113	5/8/2007 23:31	14.61	47.82	31.17	7.37	7.93	3.3	2.21
1114	5/8/2007 23:46	14.67	47.653	31.05	7.43	7.94	3.1	2.25
1115	5/9/2007 00:01	14.47	47.861	31.19	7.3	7.92	3.0	2.28
1116	5/9/2007 00:16	14.33	47.903	31.22	7.23	7.9	3.2	2.33
1117	5/9/2007 00:31	14.2	48.034	31.31	7.31	7.91	3.1	2.38
1118	5/9/2007 00:46	14.12	48.1	31.36	7.32	7.9	3.1	2.41
1119	5/9/2007 01:01	13.99	48.186	31.41	7.29	7.9	2.7	2.46
1120	5/9/2007 01:16	13.81	48.295	31.49	7.26	7.89	2.7	2.51
1121	5/9/2007 01:31	13.81	48.278	31.48	7.34	7.9	3.0	2.55
1122	5/9/2007 01:46	13.41	48.537	31.65	7.2	7.87	2.7	2.59
1123	5/9/2007 02:01	13.15	48.703	31.76	7.14	7.86	2.7	2.64
1124	5/9/2007 02:16	13.13	48.695	31.76	7.17	7.86	2.5	2.68
1125	5/9/2007 02:31	13.02	48.768	31.8	7.14	7.86	2.5	2.71
1126	5/9/2007 02:46	12.51	49.104	32.03	7.01	7.83	2.2	2.75
1127	5/9/2007 03:01	12.27	49.228	32.11	6.97	7.82	2.5	2.79
1128	5/9/2007 03:16	12.19	49.305	32.16	6.95	7.82	2.5	2.81
1129	5/9/2007 03:31	12.25	49.236	32.11	6.6	7.8	1.9	2.83
1130	5/9/2007 03:46	12.15	49.324	32.17	6.66	7.8	1.9	2.83
1131	5/9/2007 04:01	12.17	49.309	32.16	6.75	7.8	2.5	2.83
1132	5/9/2007 04:16	12.25	49.268	32.14	6.72	7.8	2.3	2.81
1133	5/9/2007 04:31	12.53	49.148	32.06	6.74	7.81	2.7	2.77
1134	5/9/2007 04:46	12.79	49.024	31.98	6.72	7.82	2.7	2.74
1135	5/9/2007 05:01	12.73	49.057	32	6.54	7.8	3.4	2.69
1136	5/9/2007 05:16	13.39	48.609	31.7	6.87	7.86	2.6	2.63
1137	5/9/2007 05:31	13.45	48.556	31.67	6.8	7.84	3.9	2.56
1138	5/9/2007 05:46	13.5	48.483	31.61	6.72	7.84	3.3	2.48
1139	5/9/2007 06:01	13.66	48.33	31.51	6.6	7.82	2.7	2.42
1140	5/9/2007 06:16	13.79	48.208	31.42	6.34	7.8	3.1	2.35
1141	5/9/2007 06:31	13.89	48.035	31.3	6.24	7.8	2.8	2.25
1142	5/9/2007 06:46	14.01	47.928	31.23	6.38	7.81	3.0	2.18
1143	5/9/2007 07:01	14.16	47.796	31.14	6.45	7.83	10.9	2.09
1144	5/9/2007 07:16	14.28	47.705	31.07	6.61	7.84	6.4	1.99
1145	5/9/2007 07:31	14.45	47.583	30.99	6.49	7.86	4.9	1.91
1146	5/9/2007 07:46	14.72	47.416	30.88	6.71	7.89	7.4	1.82
1147	5/9/2007 08:01	14.98	47.286	30.79	6.94	7.94	3.8	1.71
1148	5/9/2007 08:16	14.99	47.295	30.79	7	7.94	4.9	1.61
1149	5/9/2007 08:31	15.15	47.205	30.73	7.12	7.97	3.7	1.51
1150	5/9/2007 08:46	15.22	47.158	30.7	7.2	7.97	2.8	1.42
1151	5/9/2007 09:01	15.24	47.143	30.69	7.37	7.98	2.7	1.32
1152	5/9/2007 09:16	15.27	47.143	30.69	7.49	7.99	2.5	1.23

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1153	5/9/2007 09:31	15.39	47.098	30.66	7.63	8.01	3.3	1.17
1154	5/9/2007 09:46	15.48	47.067	30.64	7.51	8.01	2.4	1.10
1155	5/9/2007 10:01	15.58	47.04	30.62	7.5	8.02	2.4	1.06
1156	5/9/2007 10:16	15.66	47.039	30.62	7.29	8	1.3	1.01
1157	5/9/2007 10:31	15.7	47.028	30.61	7.31	8.02	1.9	1.00
1158	5/9/2007 10:46	15.55	47.034	30.62	7.74	8.02	3.6	0.98
1159	5/9/2007 11:01	15.39	47.141	30.69	7.49	7.99	4.1	0.99
1160	5/9/2007 11:16	15.35	47.145	30.69	7.29	7.97	3.6	1.02
1161	5/9/2007 11:31	15.36	47.152	30.7	7.29	7.97	3.7	1.03
1162	5/9/2007 11:46	15.39	47.138	30.69	7.29	7.97	4.0	1.09
1163	5/9/2007 12:01	15.39	47.089	30.65	7.35	7.97	4.9	1.13
1164	5/9/2007 12:16	15.43	47.074	30.64	7.33	7.97	4.0	1.17
1165	5/9/2007 12:31	15.52	46.457	30.2	7.36	7.97	5.0	1.23
1166	5/9/2007 12:46	15.45	46.575	30.28	7.29	7.97	4.4	1.28
1167	5/9/2007 13:01	15.36	46.676	30.35	7.24	7.96	4.3	1.35
1168	5/9/2007 13:16	15.31	46.644	30.33	7.21	7.96	4.5	1.41
1169	5/9/2007 13:31	15.36	46.509	30.23	7.16	7.96	4.5	1.47
1170	5/9/2007 13:46	15.32	46.632	30.32	7.14	7.95	4.2	1.55
1171	5/9/2007 14:01	15.15	46.819	30.45	7.07	7.93	4.2	1.62
1172	5/9/2007 14:16	15.4	46.904	30.52	7.28	7.95	4.3	1.70
1173	5/9/2007 14:31	15.28	47.06	30.63	7.31	7.94	4.2	1.77
1174	5/9/2007 14:46	15.01	47.333	30.82	7.22	7.92	5.0	1.85
1175	5/9/2007 15:01	14.56	47.673	31.06	7.01	7.89	3.8	1.92
1176	5/9/2007 15:16	14.24	47.85	31.18	6.86	7.87	4.6	1.99
1177	5/9/2007 15:31	14.23	47.926	31.23	6.84	7.87	4.0	2.06
1178	5/9/2007 15:46	14.12	48.001	31.28	6.83	7.86	4.2	2.13
1179	5/9/2007 16:01	13.99	48.072	31.33	6.79	7.85	3.6	2.20
1180	5/9/2007 16:16	13.89	48.158	31.39	6.79	7.85	4.4	2.25
1181	5/9/2007 16:31	13.79	48.222	31.43	6.8	7.84	4.7	2.31
1182	5/9/2007 16:46	13.68	48.282	31.48	6.83	7.84	6.1	2.37
1183	5/9/2007 17:01	13.51	48.364	31.53	7	7.84	4.4	2.41
1184	5/9/2007 17:16	13.4	48.429	31.57	7.04	7.84	4.0	2.46
1185	5/9/2007 17:31	13.32	48.498	31.62	7.04	7.84	4.1	2.50
1186	5/9/2007 17:46	13.29	48.528	31.64	7.02	7.83	6.9	2.53
1187	5/9/2007 18:01	13.28	48.548	31.65	7.05	7.83	6.1	2.56
1188	5/9/2007 18:16	13.21	48.574	31.67	7.09	7.83	3.1	2.59
1189	5/9/2007 18:31	13.21	48.583	31.68	6.72	7.81	3.2	2.58
1190	5/9/2007 18:46	13.13	48.647	31.72	6.79	7.81	2.8	2.60
1191	5/9/2007 19:01	13.18	48.609	31.7	6.69	7.81	2.5	2.58
1192	5/9/2007 19:16	13.24	48.577	31.67	6.78	7.82	3.3	2.55
1193	5/9/2007 19:31	13.3	48.539	31.65	6.72	7.81	3.2	2.52
1194	5/9/2007 19:46	13.83	48.303	31.49	7.25	7.89	2.5	2.48
1195	5/9/2007 20:01	13.81	48.263	31.47	7.01	7.87	2.3	2.42
1196	5/9/2007 20:16	14.03	48.157	31.39	7.24	7.9	2.2	2.39
1197	5/9/2007 20:31	14.02	48.135	31.38	7.06	7.88	2.4	2.34
1198	5/9/2007 20:46	14.23	48.064	31.33	7.3	7.92	2.5	2.27
1199	5/9/2007 21:01	14.43	48.003	31.29	7.51	7.95	2.4	2.23
1200	5/9/2007 21:16	14.58	47.915	31.23	7.66	7.97	2.5	2.20

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1201	5/9/2007 21:31	14.51	47.928	31.24	7.28	7.92	2.0	2.16
1202	5/9/2007 21:46	14.59	47.896	31.22	7.51	7.95	2.4	2.11
1203	5/9/2007 22:01	14.65	47.85	31.19	7.56	7.97	2.8	2.07
1204	5/9/2007 22:16	14.74	47.787	31.14	7.56	7.99	1.9	2.06
1205	5/9/2007 22:31	14.75	47.763	31.13	7.48	7.98	2.8	2.03
1206	5/9/2007 22:46	14.79	47.733	31.11	7.53	7.99	2.2	1.99
1207	5/9/2007 23:01	14.81	47.747	31.12	7.47	8	2.3	1.99
1208	5/9/2007 23:16	14.71	47.763	31.13	7.55	8	3.0	1.99
1209	5/9/2007 23:31	14.62	47.838	31.18	7.64	7.99	3.6	2.00
1210	5/9/2007 23:46	14.6	47.795	31.15	7.62	7.98	3.1	2.00
1211	5/10/2007 00:01	14.53	47.747	31.11	7.38	7.94	2.8	2.01
1212	5/10/2007 00:16	14.5	47.699	31.08	7.23	7.92	3.1	2.05
1213	5/10/2007 00:31	14.47	47.687	31.07	7.12	7.9	3.0	2.09
1214	5/10/2007 00:46	14.42	47.725	31.09	7.1	7.9	3.1	2.11
1215	5/10/2007 01:01	14.35	47.818	31.16	7.06	7.9	3.2	2.14
1216	5/10/2007 01:16	14.31	47.739	31.1	6.98	7.89	3.1	2.20
1217	5/10/2007 01:31	14.24	47.752	31.11	6.98	7.89	3.3	2.23
1218	5/10/2007 01:46	14.05	47.918	31.22	6.91	7.87	3.6	2.27
1219	5/10/2007 02:01	14.01	47.939	31.24	6.95	7.87	3.1	2.33
1220	5/10/2007 02:16	13.9	48.046	31.31	6.95	7.87	3.0	2.36
1221	5/10/2007 02:31	13.8	48.095	31.34	6.97	7.87	3.0	2.41
1222	5/10/2007 02:46	13.67	48.181	31.4	7.02	7.87	3.2	2.46
1223	5/10/2007 03:01	13.6	48.213	31.42	7.07	7.87	2.8	2.50
1224	5/10/2007 03:16	13.41	48.335	31.5	7.18	7.87	2.8	2.54
1225	5/10/2007 03:31	13.33	48.368	31.53	7.14	7.86	2.8	2.59
1226	5/10/2007 03:46	13.23	48.445	31.58	7.21	7.86	2.8	2.63
1227	5/10/2007 04:01	13.18	48.464	31.59	7.26	7.86	2.8	2.66
1228	5/10/2007 04:16	12.73	48.786	31.81	7.18	7.83	3.1	2.69
1229	5/10/2007 04:31	12.35	48.975	31.93	7.2	7.81	2.8	2.72
1230	5/10/2007 04:46	12.32	49.022	31.96	7.22	7.82	3.1	2.74
1231	5/10/2007 05:01	12.31	49.09	32.01	6.9	7.8	2.5	2.74
1232	5/10/2007 05:16	12.23	49.082	32	6.99	7.8	2.8	2.74
1233	5/10/2007 05:31	12.35	49.033	31.97	6.98	7.8	3.3	2.73
1234	5/10/2007 05:46	12.81	48.738	31.77	6.84	7.82	1.9	2.70
1235	5/10/2007 06:01	13.03	48.67	31.73	6.8	7.82	2.5	2.65
1236	5/10/2007 06:16	12.96	48.688	31.74	6.9	7.82	2.4	2.60
1237	5/10/2007 06:31	13.25	48.485	31.61	6.84	7.83	2.9	2.54
1238	5/10/2007 06:46	13.4	48.368	31.53	6.68	7.82	2.5	2.48
1239	5/10/2007 07:01	13.47	48.303	31.48	6.68	7.82	3.3	2.40
1240	5/10/2007 07:16	13.62	48.116	31.35	6.47	7.81	2.7	2.33
1241	5/10/2007 07:31	13.64	48.042	31.3	6.35	7.79	3.3	2.25
1242	5/10/2007 07:46	13.51	47.993	31.26	6.18	7.76	3.1	2.18
1243	5/10/2007 08:01	13.77	47.86	31.17	6.41	7.8	3.1	2.10
1244	5/10/2007 08:16	13.86	47.759	31.1	6.58	7.82	3.0	2.00
1245	5/10/2007 08:31	14.13	47.601	30.99	6.69	7.86	2.9	1.91
1246	5/10/2007 08:46	14.23	47.548	30.96	6.94	7.89		1.83
1247	5/10/2007 09:01	14.51	47.403	30.86	7.21	7.95	3.1	1.73
1248	5/10/2007 09:16	14.67	47.301	30.79	7.43	7.98	3.3	1.63

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1249	5/10/2007 09:31	14.78	47.217	30.73	7.56	8	4.4	1.54
1250	5/10/2007 09:46	14.84	47.154	30.69	7.62	8	2.7	1.45
1251	5/10/2007 10:01	14.88	47.11	30.66	7.58	8	2.6	1.36
1252	5/10/2007 10:16	14.91	47.08	30.64	7.6	8	2.7	1.28
1253	5/10/2007 10:31	14.94	47.052	30.62	7.68	8	2.5	1.21
1254	5/10/2007 10:46	14.99	47.032	30.6	7.72	8.01	2.5	1.14
1255	5/10/2007 11:01	15.07	46.997	30.58	7.54	8	1.4	1.10
1256	5/10/2007 11:16	15.14	46.982	30.57	7.2	7.99	3.2	1.07
1257	5/10/2007 11:31	15.13	46.997	30.58	7.73	8.02	3.6	1.05
1258	5/10/2007 11:46	15.1	46.996	30.58	7.82	8.01	3.0	1.04
1259	5/10/2007 12:01	15	47.143	30.68	7.39	7.97	2.9	1.05
1260	5/10/2007 12:16	14.98	47.134	30.68	7.35	7.97	3.1	1.08
1261	5/10/2007 12:31	14.95	47.15	30.69	7.32	7.96	3.2	1.10
1262	5/10/2007 12:46	14.93	47.164	30.7	7.35	7.96	3.0	1.13
1263	5/10/2007 13:01	14.92	47.126	30.67	7.39	7.97	3.0	1.18
1264	5/10/2007 13:16	14.93	47.124	30.67	7.43	7.97	3.0	1.25
1265	5/10/2007 13:31	14.97	46.891	30.5	7.48	7.97	3.4	1.29
1266	5/10/2007 13:46	14.99	46.713	30.37	7.49	7.97	3.8	1.35
1267	5/10/2007 14:01	14.95	46.692	30.36	7.4	7.97	3.9	1.42
1268	5/10/2007 14:16	14.89	46.786	30.42	7.32	7.96	3.5	1.49
1269	5/10/2007 14:31	14.83	46.851	30.47	7.28	7.95	3.4	1.57
1270	5/10/2007 14:46	14.72	46.863	30.48	7.2	7.94	4.1	1.64
1271	5/10/2007 15:01	14.67	46.86	30.47	7.19	7.93	4.4	1.72
1272	5/10/2007 15:16	14.63	46.945	30.53	7.22	7.93	4.4	1.81
1273	5/10/2007 15:31	14.42	47.325	30.8	7.3	7.91	3.8	1.89
1274	5/10/2007 15:46	14.08	47.672	31.04	6.99	7.87	4.2	1.96
1275	5/10/2007 16:01	13.99	47.799	31.13	6.96	7.87	3.9	2.04
1276	5/10/2007 16:16	13.92	47.894	31.2	7	7.86	4.1	2.12
1277	5/10/2007 16:31	13.82	47.978	31.26	6.95	7.86	4.4	2.20
1278	5/10/2007 16:46	13.7	48.055	31.31	6.92	7.85	4.5	2.26
1279	5/10/2007 17:01	13.62	48.127	31.36	6.95	7.85	4.3	2.33
1280	5/10/2007 17:16	13.42	48.246	31.44	7.01	7.84	4.8	2.40
1281	5/10/2007 17:31	13.18	48.357	31.51	7.09	7.84	4.8	2.46
1282	5/10/2007 17:46	13.03	48.426	31.56	7.18	7.83	5.2	2.52
1283	5/10/2007 18:01	12.95	48.478	31.59	7.25	7.83	4.5	2.58
1284	5/10/2007 18:16	12.86	48.529	31.63	7.31	7.83	4.7	2.63
1285	5/10/2007 18:31	12.65	48.665	31.72	7.43	7.83	4.7	2.68
1286	5/10/2007 18:46	12.43	48.803	31.81	7.55	7.83	4.4	2.72
1287	5/10/2007 19:01	12.29	48.884	31.86	7.54	7.83	5.2	2.74
1288	5/10/2007 19:16	12.26	48.908	31.88	7.47	7.82	3.8	2.77
1289	5/10/2007 19:31	12.25	48.943	31.9	7.28	7.81	3.7	2.77
1290	5/10/2007 19:46	12.23	48.934	31.89	7.23	7.81	4.0	2.75
1291	5/10/2007 20:01	12.35	48.827	31.82	7.29	7.81	4.1	2.72
1292	5/10/2007 20:16	12.63	48.671	31.72	7.18	7.82	3.7	2.68
1293	5/10/2007 20:31	13.12	48.381	31.53	7.26	7.85	3.4	2.62
1294	5/10/2007 20:46	13.17	48.365	31.52	7.22	7.86	3.1	2.56
1295	5/10/2007 21:01	13.34	48.289	31.47	7.36	7.89	2.9	2.50
1296	5/10/2007 21:16	13.44	48.237	31.43	7.41	7.9	3.6	2.43

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1297	5/10/2007 21:31	13.46	48.218	31.42	7.29	7.88	3.3	2.37
1298	5/10/2007 21:46	13.54	48.145	31.37	7.28	7.9	3.3	2.30
1299	5/10/2007 22:01	13.55	48.143	31.37	7.08	7.87	2.6	2.24
1300	5/10/2007 22:16	13.51	48.155	31.38	7.07	7.88	3.3	2.17
1301	5/10/2007 22:31	13.78	47.79	31.12	7.05	7.87	3.4	2.11
1302	5/10/2007 22:46	13.9	47.641	31.02	7.07	7.88	2.8	2.07
1303	5/10/2007 23:01	13.97	47.545	30.95	7.17	7.94	3.0	2.00
1304	5/10/2007 23:16	14.04	47.474	30.9	7.25	7.94	3.1	1.95
1305	5/10/2007 23:31	14.12	47.425	30.87	7.14	7.91	3.6	1.91
1306	5/10/2007 23:46	14.18	47.388	30.84	7.18	7.93	2.5	1.89
1307	5/11/2007 00:01	14.23	47.349	30.81	7.1	7.92	3.1	1.85
1308	5/11/2007 00:16	14.23	47.344	30.81	6.94	7.9	2.1	1.82
1309	5/11/2007 00:31	14.27	47.329	30.8	6.82	7.91	1.3	1.82
1310	5/11/2007 00:46	14.14	47.365	30.82	7.24	7.93	4.7	1.82
1311	5/11/2007 01:01	14.06	47.387	30.84	7.15	7.91	4.4	1.81
1312	5/11/2007 01:16	14.02	47.383	30.83	7.12	7.9	3.8	1.83
1313	5/11/2007 01:31	14.11	47.334	30.8	7.18	7.9	3.4	1.87
1314	5/11/2007 01:46	14.1	47.336	30.8	7.15	7.9	3.4	1.91
1315	5/11/2007 02:01	13.9	47.469	30.89	6.91	7.86	4.3	1.94
1316	5/11/2007 02:16	13.89	47.445	30.87	6.99	7.87	4.7	1.99
1317	5/11/2007 02:31	13.89	47.372	30.82	7.02	7.87	3.9	2.04
1318	5/11/2007 02:46	13.83	47.505	30.92	6.95	7.86	4.1	2.10
1319	5/11/2007 03:01	13.76	47.624	31	6.95	7.86	3.9	2.15
1320	5/11/2007 03:16	13.68	47.707	31.06	6.96	7.86	3.8	2.20
1321	5/11/2007 03:31	13.57	47.752	31.09	6.97	7.86	4.0	2.25
1322	5/11/2007 03:46	13.42	47.882	31.18	6.99	7.85	3.5	2.30
1323	5/11/2007 04:01	13.22	48.038	31.28	7.03	7.84	3.5	2.35
1324	5/11/2007 04:16	13.08	48.094	31.32	7.1	7.84	3.3	2.40
1325	5/11/2007 04:31	12.93	48.223	31.41	7.14	7.84	3.3	2.45
1326	5/11/2007 04:46	12.8	48.336	31.48	7.11	7.83	3.6	2.49
1327	5/11/2007 05:01	12.63	48.479	31.58	7.17	7.83	3.3	2.54
1328	5/11/2007 05:16	12.49	48.575	31.64	7.19	7.83	3.3	2.58
1329	5/11/2007 05:31	12.33	48.716	31.74	7.15	7.82	3.5	2.62
1330	5/11/2007 05:46	12.19	48.809	31.8	7.13	7.81	3.6	2.65
1331	5/11/2007 06:01	12.09	48.881	31.85	7.15	7.81	3.7	2.67
1332	5/11/2007 06:16	12.09	48.885	31.85	7.09	7.81	3.2	2.70
1333	5/11/2007 06:31	12.15	48.849	31.83	6.95	7.81	3.6	2.70
1334	5/11/2007 06:46	12.05	48.928	31.88	6.84	7.79	2.9	2.68
1335	5/11/2007 07:01	12.24	48.768	31.77	6.96	7.8	2.4	2.67
1336	5/11/2007 07:16	12.31	48.741	31.76	6.85	7.8	2.5	2.63
1337	5/11/2007 07:31	12.49	48.639	31.69	6.72	7.8	2.8	2.57
1338	5/11/2007 07:46	12.69	48.511	31.61	6.87	7.81	3.4	2.52
1339	5/11/2007 08:01	12.86	48.374	31.51	6.75	7.81	2.8	2.44
1340	5/11/2007 08:16	12.95	48.29	31.46	6.83	7.81	2.7	2.37
1341	5/11/2007 08:31	13.08	48.162	31.37	6.83	7.81	3.2	2.29
1342	5/11/2007 08:46	13.22	48.067	31.3	6.81	7.82	2.7	2.20
1343	5/11/2007 09:01	13.36	47.919	31.2	6.89	7.83	2.7	2.12
1344	5/11/2007 09:16	13.46	47.875	31.17	6.96	7.84	4.4	2.03

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1345	5/11/2007 09:31	13.6	47.809	31.13	7.19	7.86	4.3	1.95
1346	5/11/2007 09:46	13.73	47.716	31.07	7.6	7.91	3.4	1.85
1347	5/11/2007 10:01	13.92	47.592	30.98	7.67	7.94	3.0	1.77
1348	5/11/2007 10:16	14.01	47.535	30.94	7.81	7.95	3.3	1.67
1349	5/11/2007 10:31	14.14	47.47	30.9	7.86	7.97	26.5	1.57
1350	5/11/2007 10:46	14.17	47.47	30.9	8.16	7.99	2.5	1.48
1351	5/11/2007 11:01	14.25	47.433	30.88	8.4	8.01	3.0	1.41
1352	5/11/2007 11:16	14.34	47.365	30.83	8.43	8.02	2.3	1.31
1353	5/11/2007 11:31	14.45	47.301	30.79	8.51	8.04	2.7	1.24
1354	5/11/2007 11:46	14.55	47.226	30.73	8.29	8.04	2.5	1.19
1355	5/11/2007 12:01	14.63	47.199	30.72	8.43	8.06	2.5	1.15
1356	5/11/2007 12:16	14.68	47.175	30.7	8.07	8.04	1.4	1.11
1357	5/11/2007 12:31	14.75	47.163	30.69	7.56	8.03	0.8	1.09
1358	5/11/2007 12:46	14.71	47.192	30.71	8.52	8.05	2.9	1.09
1359	5/11/2007 13:01	14.66	47.202	30.72	8.37	8.03	3.6	1.12
1360	5/11/2007 13:16	14.51	47.222	30.73	8.14	8.01	3.6	1.13
1361	5/11/2007 13:31	14.48	47.225	30.73	8.13	8	5.1	1.16
1362	5/11/2007 13:46	14.53	47.204	30.72	7.97	7.99	4.5	1.23
1363	5/11/2007 14:01	14.54	47.124	30.66	7.89	7.98	4.6	1.28
1364	5/11/2007 14:16	14.6	46.419	30.15	7.84	7.97	5.8	1.32
1365	5/11/2007 14:31	14.57	46.419	30.15	7.82	7.97	5.3	1.41
1366	5/11/2007 14:46	14.44	46.51	30.21	7.7	7.96	5.0	1.47
1367	5/11/2007 15:01	14.46	46.587	30.27	7.68	7.96	4.5	1.53
1368	5/11/2007 15:16	14.3	47.022	30.58	7.55	7.94	3.9	1.62
1369	5/11/2007 15:31	14.09	47.236	30.73	7.37	7.92	3.7	1.70
1370	5/11/2007 15:46	13.9	47.381	30.83	7.25	7.9	3.9	1.78
1371	5/11/2007 16:01	13.76	47.558	30.95	7.18	7.88	4.1	1.87
1372	5/11/2007 16:16	13.67	47.681	31.04	7.1	7.87	4.0	1.96
1373	5/11/2007 16:31	13.64	47.803	31.13	7.07	7.86	4.5	2.04
1374	5/11/2007 16:46	13.52	47.907	31.2	7.03	7.85	4.5	2.12
1375	5/11/2007 17:01	13.43	47.989	31.25	7.02	7.85	4.7	2.20
1376	5/11/2007 17:16	13.37	48.021	31.28	7.08	7.85	4.4	2.28
1377	5/11/2007 17:31	13.11	48.074	31.31	7.15	7.84	5.8	2.36
1378	5/11/2007 17:46	12.96	48.15	31.35	7.12	7.83	6.0	2.43
1379	5/11/2007 18:01	12.83	48.274	31.44	7.18	7.83	5.6	2.50
1380	5/11/2007 18:16	12.71	48.368	31.5	7.24	7.83	5.7	2.57
1381	5/11/2007 18:31	12.47	48.53	31.61	7.28	7.82	6.6	2.64
1382	5/11/2007 18:46	12.29	48.636	31.68	7.23	7.82	6.0	2.71
1383	5/11/2007 19:01	11.95	48.841	31.81	7.2	7.81	6.5	2.76
1384	5/11/2007 19:16	11.69	49.007	31.92	7.15	7.8	7.0	2.82
1385	5/11/2007 19:31	11.47	49.133	32	7.2	7.8	5.2	2.87
1386	5/11/2007 19:46	11.41	49.19	32.04	7.15	7.8	4.6	2.89
1387	5/11/2007 20:01	11.65	49.006	31.92	6.91	7.79	4.1	2.91
1388	5/11/2007 20:16	11.41	49.179	32.03	6.85	7.79	3.4	2.92
1389	5/11/2007 20:31	11.35	49.227	32.06	7.08	7.79	3.6	2.88
1390	5/11/2007 20:46	11.45	49.119	31.99	7.02	7.79	4.9	2.83
1391	5/11/2007 21:01	12.21	48.759	31.76	7.07	7.81	3.0	2.79
1392	5/11/2007 21:16	12.2	48.747	31.76	7.07	7.8	6.1	2.72

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1393	5/11/2007 21:31	12.57	48.489	31.59	7.28	7.85	5.4	2.63
1394	5/11/2007 21:46	12.75	48.46	31.57	7.35	7.86	4.5	2.55
1395	5/11/2007 22:01	12.91	48.325	31.48	7.26	7.87	4.0	2.47
1396	5/11/2007 22:16	12.97	48.289	31.46	7.18	7.86	3.5	2.38
1397	5/11/2007 22:31	13.08	48.222	31.41	7.23	7.87	3.3	2.30
1398	5/11/2007 22:46	13.14	48.173	31.38	7.14	7.87	3.7	2.22
1399	5/11/2007 23:01	13.19	48.105	31.33	7.02	7.86		2.13
1400	5/11/2007 23:16	13.36	47.917	31.2	6.99	7.86	3.1	2.05
1401	5/11/2007 23:31	13.6	47.722	31.07	7.2	7.9	3.9	1.98
1402	5/11/2007 23:46	13.8	47.602	30.99	7.4	7.94	17.3	1.90
1403	5/12/2007 00:01	13.87	47.558	30.96	7.57	7.95	2.8	1.82
1404	5/12/2007 00:16	14.01	47.469	30.9	7.71	7.98	3.5	1.75
1405	5/12/2007 00:31	14.04	47.425	30.87	7.63	7.98	2.9	1.68
1406	5/12/2007 00:46	14.09	47.401	30.85	7.74	8	3.0	1.62
1407	5/12/2007 01:01	14.09	47.399	30.85	7.75	8.01	3.4	1.57
1408	5/12/2007 01:16	14.14	47.364	30.82	7.82	8.01	2.4	1.54
1409	5/12/2007 01:31	14.19	47.315	30.79	7.61	8.01	1.7	1.51
1410	5/12/2007 01:46	14.14	47.318	30.79	7.97	8.01	3.2	1.51
1411	5/12/2007 02:01	14.04	47.333	30.8	7.88	8	4.9	1.53
1412	5/12/2007 02:16	14	47.327	30.79	7.74	7.98	4.5	1.54
1413	5/12/2007 02:31	13.93	47.35	30.81	7.56	7.95	4.7	1.58
1414	5/12/2007 02:46	13.9	47.358	30.81	7.54	7.95	4.5	1.64
1415	5/12/2007 03:01	13.89	47.355	30.81	7.58	7.95	6.6	1.69
1416	5/12/2007 03:16	13.82	47.24	30.72	7.47	7.94	5.5	1.75
1417	5/12/2007 03:31	13.81	47.247	30.73	7.43	7.93	4.9	1.81
1418	5/12/2007 03:46	13.77	47.24	30.72	7.37	7.93	5.5	1.88
1419	5/12/2007 04:01	13.72	47.341	30.79	7.28	7.91	8.3	1.94
1420	5/12/2007 04:16	13.56	47.476	30.89	7.15	7.88	4.5	2.00
1421	5/12/2007 04:31	13.43	47.561	30.94	7.03	7.86	6.1	2.06
1422	5/12/2007 04:46	13.25	47.711	31.05	6.95	7.85	42.6	2.13
1423	5/12/2007 05:01	13.15	47.843	31.14	6.92	7.84	41.0	2.18
1424	5/12/2007 05:16	13.09	47.93	31.2	6.92	7.83	4.8	2.24
1425	5/12/2007 05:31	12.99	48.018	31.26	6.9	7.83	4.2	2.30
1426	5/12/2007 05:46	12.9	48.099	31.32	6.89	7.82	4.7	2.36
1427	5/12/2007 06:01	12.82	48.16	31.36	6.87	7.82	4.5	2.41
1428	5/12/2007 06:16	12.65	48.254	31.42	6.88	7.82	6.4	2.47
1429	5/12/2007 06:31	12.48	48.355	31.48	6.87	7.81	6.9	2.52
1430	5/12/2007 06:46	12.34	48.411	31.52	6.85	7.8	6.0	2.57
1431	5/12/2007 07:01	12.24	48.441	31.54	6.84	7.8	5.5	2.61
1432	5/12/2007 07:16	12.14	48.475	31.56	6.88	7.8	5.0	2.65
1433	5/12/2007 07:31	12.1	48.505	31.58	6.88	7.8	3.9	2.67
1434	5/12/2007 07:46	12.04	48.543	31.6	6.87	7.79	4.1	2.70
1435	5/12/2007 08:01	12.11	48.514	31.58	6.69	7.79	3.3	2.70
1436	5/12/2007 08:16	12.07	48.551	31.61	6.67	7.78	3.2	2.67
1437	5/12/2007 08:31	12.06	48.551	31.61	6.77	7.79	3.4	2.64
1438	5/12/2007 08:46	12.51	48.296	31.44	6.83	7.81	3.2	2.60
1439	5/12/2007 09:01	12.59	48.282	31.44	6.85	7.81	3.5	2.53
1440	5/12/2007 09:16	12.58	48.275	31.43	6.91	7.81	3.1	2.45

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1441	5/12/2007 09:31	12.71	48.203	31.38	6.93	7.82	3.4	2.37
1442	5/12/2007 09:46	12.86	48.109	31.32	7.03	7.83	3.8	2.28
1443	5/12/2007 10:01	13.05	47.996	31.25	7.15	7.85	3.7	2.19
1444	5/12/2007 10:16	13.22	47.917	31.2	7.54	7.88	3.7	2.10
1445	5/12/2007 10:31	13.34	47.892	31.18	8.06	7.92	2.6	2.01
1446	5/12/2007 10:46	13.44	47.851	31.15	8.39	7.94	3.8	1.91
1447	5/12/2007 11:01	13.59	47.744	31.08	8.4	7.96	3.0	1.82
1448	5/12/2007 11:16	13.69	47.742	31.08	9.05	8.03	3.1	1.71
1449	5/12/2007 11:31	13.8	47.595	30.98	8.56	7.98	3.1	1.62
1450	5/12/2007 11:46	13.83	47.589	30.98	8.45	7.99	3.1	1.52
1451	5/12/2007 12:01	13.89	47.542	30.94	8.31	7.98	5.0	1.45
1452	5/12/2007 12:16	14.01	47.603	30.99	9.4	8.09	3.1	1.35
1453	5/12/2007 12:31	13.98	47.539	30.95	8.78	8.04	3.1	1.28
1454	5/12/2007 12:46	14.01	47.531	30.94	8.83	8.05	2.6	1.24
1455	5/12/2007 13:01	14.07	47.469	30.9	8.91	8.07	2.2	1.19
1456	5/12/2007 13:16	14.09	47.471	30.9	8.6	8.04	2.2	1.17
1457	5/12/2007 13:31	14.12	47.449	30.88	8.12	8.01	1.2	1.15
1458	5/12/2007 13:46	14.16	47.526	30.94	9.49	8.1	3.5	1.19
1459	5/12/2007 14:01	14.23	47.381	30.84	8.85	8.05	3.0	1.19
1460	5/12/2007 14:16	14.31	47.27	30.76	8.55	8.03	3.0	1.22
1461	5/12/2007 14:31	14.25	47.303	30.78	8.47	8.02	3.1	1.28
1462	5/12/2007 14:46	14.32	47.208	30.72	8.37	8.02	10.7	1.32
1463	5/12/2007 15:01	14.26	47.243	30.74	8.36	8.01	3.2	1.39
1464	5/12/2007 15:16	14.25	47.262	30.75	8.36	8	3.8	1.46
1465	5/12/2007 15:31	14.19	47.267	30.75	8.25	7.99	3.4	1.52
1466	5/12/2007 15:46	14.2	47.217	30.72	8.16	7.99	3.6	1.60
1467	5/12/2007 16:01	14.18	47.217	30.72	8.14	7.98	3.4	1.69
1468	5/12/2007 16:16	14.27	46.87	30.47	8.15	7.98		1.78
1469	5/12/2007 16:31	14.32	46.705	30.35	8.14	7.97	4.7	1.87
1470	5/12/2007 16:46	13.93	47.269	30.75	7.9	7.94	4.0	1.96
1471	5/12/2007 17:01	13.68	47.501	30.91	7.58	7.9	4.5	2.05
1472	5/12/2007 17:16	13.57	47.65	31.01	7.48	7.88	5.1	2.14
1473	5/12/2007 17:31	13.47	47.744	31.08	7.42	7.87	5.2	2.23
1474	5/12/2007 17:46	13.38	47.813	31.13	7.32	7.86	5.3	2.31
1475	5/12/2007 18:01	13.19	47.943	31.21	7.19	7.84	5.7	2.40
1476	5/12/2007 18:16	12.95	48.063	31.29	7.08	7.82	7.0	2.49
1477	5/12/2007 18:31	12.74	48.201	31.38	6.94	7.81	7.9	2.57
1478	5/12/2007 18:46	12.55	48.29	31.44	7.07	7.81	8.3	2.65
1479	5/12/2007 19:01	12.28	48.43	31.53	7.07	7.8	8.1	2.73
1480	5/12/2007 19:16	11.96	48.617	31.65	6.97	7.79	7.6	2.81
1481	5/12/2007 19:31	11.59	48.85	31.8	7.03	7.79	8.4	2.88
1482	5/12/2007 19:46	11.35	49.01	31.91	7.11	7.79	7.1	2.94
1483	5/12/2007 20:01	11.27	49.061	31.94	7.11	7.78	6.5	3.00
1484	5/12/2007 20:16	11.22	48.538	31.56	7.16	7.8	6.3	3.05
1485	5/12/2007 20:31	11.17	49.121	31.98	7.16	7.8	5.6	3.08
1486	5/12/2007 20:46	11.18	49.147	32	6.95	7.79	4.5	3.07
1487	5/12/2007 21:01	11.19	49.139	31.99	6.94	7.78	3.7	3.07
1488	5/12/2007 21:16	11.21	49.075	31.95	7.01	7.79	7.6	3.04

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1489	5/12/2007 21:31	11.45	48.935	31.86	7.11	7.8	8.5	2.97
1490	5/12/2007 21:46	11.88	48.64	31.66	7.15	7.8	6.1	2.90
1491	5/12/2007 22:01	11.66	48.752	31.73	7.2	7.79	6.7	2.82
1492	5/12/2007 22:16	11.6	48.795	31.76	7.22	7.78	8.1	2.73
1493	5/12/2007 22:31	11.51	48.856	31.8	7.27	7.79	8.5	2.62
1494	5/12/2007 22:46	11.8	48.646	31.66	7.28	7.8	7.5	2.51
1495	5/12/2007 23:01	11.62	48.769	31.75	7.3	7.79	7.6	2.41
1496	5/12/2007 23:16	12.14	48.36	31.47	7.31	7.81	8.5	2.31
1497	5/12/2007 23:31	12.04	48.421	31.51	7.4	7.82	8.8	2.20
1498	5/12/2007 23:46	12.62	47.996	31.23	7.57	7.86	11.7	2.09
1499	5/13/2007 00:01	12.62	47.93	31.18	7.61	7.88	7.2	1.98
1500	5/13/2007 00:16	12.92	47.727	31.05	7.62	7.89	6.8	1.88
1501	5/13/2007 00:31	13.05	47.62	30.97	7.66	7.91	7.0	1.77
1502	5/13/2007 00:46	13.15	46.947	30.49	7.79	7.94	7.2	1.67
1503	5/13/2007 01:01	13.12	47.564	30.94	7.69	7.92	6.4	1.56
1504	5/13/2007 01:16	13.29	47.454	30.86	7.78	7.94	6.6	1.46
1505	5/13/2007 01:31	13.26	47.46	30.87	7.71	7.93	6.2	1.37
1506	5/13/2007 01:46	13.44	47.338	30.78	7.79	7.96	7.2	1.30
1507	5/13/2007 02:01	13.49	47.292	30.75	7.84	7.98	6.6	1.25
1508	5/13/2007 02:16	13.63	47.195	30.69	7.93	8	6.1	1.20
1509	5/13/2007 02:31	13.68	47.17	30.67	7.82	8.01	4.2	1.19
1510	5/13/2007 02:46	13.73	47.125	30.64	7.61	7.99	2.2	1.20
1511	5/13/2007 03:01	13.65	47.127	30.64	8.06	8.02	7.1	1.23
1512	5/13/2007 03:16	13.64	47.117	30.63	8.07	8.02	6.5	1.25
1513	5/13/2007 03:31	13.61	47.105	30.62	8.07	8.03	6.3	1.31
1514	5/13/2007 03:46	13.65	47.074	30.6	8.1	8.05	7.2	1.39
1515	5/13/2007 04:01	13.62	47.093	30.61	8.02	8.03	7.3	1.43
1516	5/13/2007 04:16	13.54	46.842	30.43	8.01	8.04	8.6	1.49
1517	5/13/2007 04:31	13.54	46.946	30.5	7.97	8.02	8.7	1.58
1518	5/13/2007 04:46	13.48	46.792	30.39	7.94	8.02	8.8	1.64
1519	5/13/2007 05:01	13.49	46.855	30.44	7.93	8.01	8.5	1.71
1520	5/13/2007 05:16	13.45	46.885	30.46	7.89	8	8.8	1.79
1521	5/13/2007 05:31	13.29	47.015	30.55	7.73	7.96	8.0	1.87
1522	5/13/2007 05:46	13.15	47.154	30.64	7.6	7.92	7.7	1.95
1523	5/13/2007 06:01	13.02	47.232	30.69	7.49	7.9	7.0	2.02
1524	5/13/2007 06:16	12.82	47.476	30.86	7.41	7.87	6.0	2.10
1525	5/13/2007 06:31	12.72	47.61	30.95	7.36	7.86	5.9	2.18
1526	5/13/2007 06:46	12.68	47.684	31.01	7.34	7.85	5.3	2.24
1527	5/13/2007 07:01	12.63	47.709	31.02	7.34	7.85	5.4	2.30
1528	5/13/2007 07:16	12.53	47.776	31.07	7.32	7.84	5.3	2.37
1529	5/13/2007 07:31	12.39	47.895	31.15	7.28	7.84	5.6	2.44
1530	5/13/2007 07:46	12.28	47.975	31.2	7.28	7.83	5.8	2.49
1531	5/13/2007 08:01	12.2	48.001	31.22	7.3	7.83	5.6	2.55
1532	5/13/2007 08:16	12.09	48.022	31.23	7.34	7.83	5.8	2.59
1533	5/13/2007 08:31	11.98	48.087	31.27	7.32	7.83	5.2	2.63
1534	5/13/2007 08:46	11.91	48.138	31.3	7.21	7.82	4.8	2.67
1535	5/13/2007 09:01	11.83	48.178	31.33	6.93	7.79	4.5	2.67
1536	5/13/2007 09:16	11.95	48.16	31.32	6.98	7.8	2.5	2.69

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1537	5/13/2007 09:31	11.83	48.19	31.34	6.6	7.78	3.0	2.67
1538	5/13/2007 09:46	11.84	48.201	31.34	6.84	7.78	5.3	2.62
1539	5/13/2007 10:01	12.04	48.082	31.27	7.17	7.82	4.8	2.56
1540	5/13/2007 10:16	12.6	47.885	31.15	8.15	7.9	4.9	2.50
1541	5/13/2007 10:31	12.59	47.906	31.16	8.32	7.91	5.0	2.42
1542	5/13/2007 10:46	12.98	47.69	31.02	8.91	7.97	4.9	2.32
1543	5/13/2007 11:01	13.09	47.678	31.02	8.81	7.96	5.8	2.23
1544	5/13/2007 11:16	13.29	47.635	30.99	9.05	7.98	5.2	2.12
1545	5/13/2007 11:31	13.75	47.561	30.95	10	8.05	4.3	2.03
1546	5/13/2007 11:46	13.99	47.404	30.85	10.19	8.08	4.1	1.94
1547	5/13/2007 12:01	14.43	47.429	30.88	11.08	8.15	3.8	1.83
1548	5/13/2007 12:16	14.44	47.389	30.85	10.87	8.14	3.8	1.74
1549	5/13/2007 12:31	14.43	47.3	30.78	10.31	8.12	3.9	1.64
1550	5/13/2007 12:46	14.9	47.285	30.78	11.11	8.2	4.4	1.55
1551	5/13/2007 13:01	14.55	47.235	30.74	10.07	8.12	4.1	1.47
1552	5/13/2007 13:16	14.73	47.264	30.77	10.51	8.15	4.2	1.38
1553	5/13/2007 13:31	14.77	47.172	30.7	10.41	8.16	3.3	1.33
1554	5/13/2007 13:46	14.91	47.163	30.7	10.29	8.16	3.1	1.29
1555	5/13/2007 14:01	14.91	47.118	30.66	10.04	8.14	2.6	1.25
1556	5/13/2007 14:16	15.06	47.096	30.65	9.79	8.15	1.6	1.22
1557	5/13/2007 14:31	15.2	47.092	30.65	10.62	8.18	3.8	1.25
1558	5/13/2007 14:46	14.94	47.154	30.69	10.37	8.15	4.3	1.26
1559	5/13/2007 15:01	14.98	47.143	30.68	10.49	8.16	4.1	1.27
1560	5/13/2007 15:16	14.87	47.084	30.64	10.09	8.13	4.2	1.34
1561	5/13/2007 15:31	14.93	47.028	30.6	9.91	8.13	4.5	1.40
1562	5/13/2007 15:46	14.78	47.008	30.58	9.64	8.11	4.7	1.46
1563	5/13/2007 16:01	14.7	47.029	30.6	9.56	8.1	4.9	1.54
1564	5/13/2007 16:16	14.83	46.864	30.48	9.35	8.09	5.2	1.61
1565	5/13/2007 16:31	14.66	46.99	30.57	9.3	8.08	5.0	1.70
1566	5/13/2007 16:46	14.66	47.003	30.58	9.25	8.07	5.6	1.79
1567	5/13/2007 17:01	14.26	47.076	30.62	8.94	8.03	5.7	1.87
1568	5/13/2007 17:16	14.06	47.185	30.69	8.62	7.99	5.5	1.98
1569	5/13/2007 17:31	13.75	47.35	30.8	8.3	7.95	6.3	2.06
1570	5/13/2007 17:46	13.59	47.438	30.86	8.14	7.93	6.7	2.16
1571	5/13/2007 18:01	13.4	47.444	30.86	8.01	7.91	12.1	2.25
1572	5/13/2007 18:16	13.24	47.636	30.99	7.91	7.89	8.0	2.34
1573	5/13/2007 18:31	13.13	47.726	31.05	7.89	7.89	8.5	2.43
1574	5/13/2007 18:46	12.91	47.86	31.14	7.81	7.87	9.1	2.52
1575	5/13/2007 19:01	12.54	48.016	31.24	7.75	7.85	11.0	2.61
1576	5/13/2007 19:16	12.33	48.173	31.35	7.74	7.85	11.7	2.70
1577	5/13/2007 19:31	12.04	48.376	31.48	7.66	7.84	14.1	2.80
1578	5/13/2007 19:46	11.74	48.542	31.59	7.59	7.83	18.2	2.88
1579	5/13/2007 20:01	11.33	48.827	31.77	7.71	7.84	16.5	2.96
1580	5/13/2007 20:16	11.24	48.902	31.82	7.78	7.85	13.8	3.05
1581	5/13/2007 20:31	11.1	48.975	31.87	7.87	7.86	18.5	3.12
1582	5/13/2007 20:46	11.1	48.965	31.86	7.78	7.85	17.6	3.17
1583	5/13/2007 21:01	11.01	49.001	31.88	7.68	7.84	5.6	3.21
1584	5/13/2007 21:16	10.97	48.989	31.87	7.58	7.83	5.9	3.24

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1585	5/13/2007 21:31	11.08	48.959	31.85	7.46	7.83	6.1	3.23
1586	5/13/2007 21:46	10.94	49.002	31.88	7.35	7.82	4.4	3.20
1587	5/13/2007 22:01	11.12	48.972	31.87	7.54	7.82	6.3	3.14
1588	5/13/2007 22:16	11.63	48.807	31.77	7.57	7.86	5.0	3.07
1589	5/13/2007 22:31	11.71	48.578	31.61	7.51	7.83	13.2	2.97
1590	5/13/2007 22:46	11.76	48.489	31.55	7.38	7.83	15.4	2.85
1591	5/13/2007 23:01	11.79	48.469	31.54	7.36	7.83	4.6	2.75
1592	5/13/2007 23:16	11.88	48.351	31.46	7.37	7.83	6.4	2.63
1593	5/13/2007 23:31	12.18	48.228	31.38	7.44	7.84	5.0	2.51
1594	5/13/2007 23:46	12.59	47.999	31.23	7.51	7.87	3.8	2.39
1595	5/14/2007 00:01	12.8	47.856	31.14	7.65	7.9	6.1	2.26
1596	5/14/2007 00:16	13.24	47.58	30.95	7.91	7.94	6.3	2.15
1597	5/14/2007 00:31	13.15	47.628	30.98	7.82	7.94	4.9	2.01
1598	5/14/2007 00:46	13.3	47.528	30.92	7.93	7.95	5.0	1.89
1599	5/14/2007 01:01	13.44	47.426	30.85	8.07	8	5.3	1.75
1600	5/14/2007 01:16	13.68	47.287	30.75	8.37	8.02	5.9	1.61
1601	5/14/2007 01:31	13.61	47.293	30.76	8.2	8	5.3	1.49
1602	5/14/2007 01:46	13.64	47.261	30.73	8.25	8.01	5.6	1.34
1603	5/14/2007 02:01	13.9	47.127	30.65	8.4	8.03	5.3	1.21
1604	5/14/2007 02:16	14.01	47.034	30.58	8.43	8.05	5.2	1.11
1605	5/14/2007 02:31	14.22	46.927	30.51	8.65	8.07	5.6	1.00
1606	5/14/2007 02:46	14.31	46.856	30.46	8.67	8.08	5.6	0.91
1607	5/14/2007 03:01	14.44	46.802	30.42	8.81	8.1	5.4	0.86
1608	5/14/2007 03:16	14.47	46.803	30.43	8.58	8.09	4.4	0.84
1609	5/14/2007 03:31	14.34	46.834	30.45	8.77	8.1	6.4	0.84
1610	5/14/2007 03:46	14.44	46.773	30.4	8.89	8.11	5.8	0.85
1611	5/14/2007 04:01	14.34	46.778	30.4	8.84	8.1	6.0	0.91
1612	5/14/2007 04:16	14.29	46.787	30.41	8.77	8.09	5.8	0.98
1613	5/14/2007 04:31	14.22	46.8	30.42	8.73	8.08	5.8	1.04
1614	5/14/2007 04:46	14.18	46.805	30.42	8.68	8.08	6.6	1.11
1615	5/14/2007 05:01	14.19	46.548	30.23	8.53	8.08	6.9	1.18
1616	5/14/2007 05:16	14.16	46.59	30.26	8.53	8.07	6.8	1.27
1617	5/14/2007 05:31	14.15	46.59	30.26	8.51	8.07	7.1	1.34
1618	5/14/2007 05:46	14.12	46.605	30.27	8.48	8.06	7.4	1.42
1619	5/14/2007 06:01	14.08	46.604	30.27	8.47	8.06	7.2	1.51
1620	5/14/2007 06:16	14.02	46.634	30.29	8.44	8.05	7.4	1.61
1621	5/14/2007 06:31	13.79	46.753	30.37	8.27	8.02	7.1	1.70
1622	5/14/2007 06:46	13.61	46.494	30.18	8.16	7.99	6.8	1.79
1623	5/14/2007 07:01	13.42	47.032	30.56	8.09	7.96	6.9	1.89
1624	5/14/2007 07:16	13.24	47.234	30.7	7.99	7.93	6.6	1.98
1625	5/14/2007 07:31	13.2	47.309	30.75	7.98	7.93	6.4	2.07
1626	5/14/2007 07:46	13.06	47.398	30.81	7.9	7.92	7.0	2.16
1627	5/14/2007 08:01	12.93	47.483	30.87	7.79	7.9	7.5	2.24
1628	5/14/2007 08:16	12.81	47.56	30.92	7.72	7.89	7.4	2.31
1629	5/14/2007 08:31	12.54	47.678	31	7.62	7.87	8.8	2.39
1630	5/14/2007 08:46	12.36	47.749	31.04	7.54	7.86	7.8	2.46
1631	5/14/2007 09:01	12.23	47.822	31.09	7.33	7.84	7.3	2.52
1632	5/14/2007 09:16	12.01	47.957	31.18	7.03	7.81	7.2	2.58

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1633	5/14/2007 09:31	11.79	48.107	31.27	6.71	7.78	7.6	2.63
1634	5/14/2007 09:46	11.57	48.245	31.36	6.74	7.77	7.0	2.67
1635	5/14/2007 10:01	11.39	48.345	31.43	6.89	7.79	6.7	2.69
1636	5/14/2007 10:16	11.4	48.376	31.45	6.72	7.79	2.1	2.71
1637	5/14/2007 10:31	11.53	48.31	31.41	6.38	7.75	2.2	2.71
1638	5/14/2007 10:46	11.42	48.386	31.46	6.58	7.77	3.0	2.68
1639	5/14/2007 11:01	11.59	48.259	31.37	6.7	7.78	4.5	2.63
1640	5/14/2007 11:16	12.4	47.924	31.17	7.41	7.85	4.4	2.56
1641	5/14/2007 11:31	12.73	47.804	31.1	7.76	7.89	3.7	2.48
1642	5/14/2007 11:46	13.38	47.601	30.97	9.17	8	4.7	2.39
1643	5/14/2007 12:01	13.47	47.575	30.96	9.52	8.02	5.0	2.29
1644	5/14/2007 12:16	13.73	47.453	30.88	9.6	8.03	4.4	2.20
1645	5/14/2007 12:31	14.08	47.453	30.89	10.32	8.08	4.3	2.10
1646	5/14/2007 12:46	14.5	47.32	30.8	10.85	8.13	4.1	2.01
1647	5/14/2007 13:01	14.85	47.26	30.77	11.5	8.17	3.6	1.92
1648	5/14/2007 13:16	15.2	47.244	30.76	12.07	8.21	3.6	1.82
1649	5/14/2007 13:31	15.21	47.173	30.71	11.85	8.2	3.0	1.73
1650	5/14/2007 13:46	15.42	47.109	30.67	11.77	8.21	2.9	1.65
1651	5/14/2007 14:01	15.6	47.088	30.66	12.07	8.23	2.8	1.57
1652	5/14/2007 14:16	15.98	47.055	30.64	12.66	8.28	2.4	1.49
1653	5/14/2007 14:31	16.01	47.054	30.64	12.21	8.27	2.5	1.44
1654	5/14/2007 14:46	16.04	46.983	30.59	11.62	8.23	1.4	1.41
1655	5/14/2007 15:01	16.08	46.978	30.58	10.47	8.19	0.7	1.39
1656	5/14/2007 15:16	15.97	47.191	30.74	12.71	8.28	3.1	1.37
1657	5/14/2007 15:31	15.91	47.055	30.64	12.38	8.26	2.8	1.38
1658	5/14/2007 15:46	15.73	46.978	30.58	11.71	8.23	3.8	1.43
1659	5/14/2007 16:01	15.59	46.946	30.55	11.21	8.2	4.1	1.47
1660	5/14/2007 16:16	15.55	46.873	30.5	10.78	8.18	3.9	1.53
1661	5/14/2007 16:31	15.37	46.904	30.52	10.61	8.16	4.1	1.60
1662	5/14/2007 16:46	15.62	46.706	30.38	10.19	8.14	4.9	1.70
1663	5/14/2007 17:01	15.4	46.689	30.36	10.12	8.13	5.2	1.78
1664	5/14/2007 17:16	15.15	46.867	30.49	9.96	8.11	4.9	1.86
1665	5/14/2007 17:31	14.77	47.006	30.58	9.62	8.07	4.2	1.96
1666	5/14/2007 17:46	14.48	47.102	30.64	9.24	8.03	5.0	2.05
1667	5/14/2007 18:01	14.09	47.226	30.72	8.71	7.98	6.1	2.15
1668	5/14/2007 18:16	13.76	47.306	30.77	8.37	7.95	7.1	2.23
1669	5/14/2007 18:31	13.48	47.374	30.81	8.17	7.93	6.1	2.33
1670	5/14/2007 18:46	13.24	47.485	30.88	7.99	7.91	7.4	2.42
1671	5/14/2007 19:01	13.01	47.632	30.98	7.96	7.89	8.0	2.52
1672	5/14/2007 19:16	12.53	47.788	31.08	7.79	7.87	9.6	2.62
1673	5/14/2007 19:31	12.21	47.922	31.16	7.59	7.85	9.6	2.72
1674	5/14/2007 19:46	11.76	48.113	31.28	7.37	7.83	10.1	2.83
1675	5/14/2007 20:01	11.15	48.4	31.45	7.1	7.8	9.4	2.93
1676	5/14/2007 20:16	10.76	48.529	31.53	6.84	7.78	10.5	3.04
1677	5/14/2007 20:31	10.53	48.631	31.59	6.77	7.79	8.9	3.14
1678	5/14/2007 20:46	10.44	48.672	31.61	6.82	7.79	8.5	3.23
1679	5/14/2007 21:01	10.32	48.727	31.64	6.85	7.79	7.8	3.31
1680	5/14/2007 21:16	10.25	48.75	31.66	6.82	7.78	5.2	3.38

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1681	5/14/2007 21:31	10.19	48.763	31.66	6.78	7.78	4.6	3.43
1682	5/14/2007 21:46	10.14	48.715	31.62	6.56	7.76	2.5	3.46
1683	5/14/2007 22:01	10.32	48.73	31.65	6.75	7.78	5.4	3.47
1684	5/14/2007 22:16	10.27	48.794	31.69	6.54	7.77	3.1	3.45
1685	5/14/2007 22:31	10.6	48.538	31.52	6.68	7.77	3.7	3.40
1686	5/14/2007 22:46	11.17	48.345	31.42	6.74	7.78	5.6	3.31
1687	5/14/2007 23:01	11.49	48.142	31.29	7.01	7.82	6.4	3.23
1688	5/14/2007 23:16	11.16	48.211	31.32	6.87	7.78	16.5	3.10
1689	5/14/2007 23:31	11.04	48.445	31.48	6.89	7.78	8.0	2.98
1690	5/14/2007 23:46	11.27	48.305	31.39	6.83	7.79	7.5	2.85
1691	5/15/2007 00:01	11.53	48.358	31.44	7.16	7.81	11.0	2.72
1692	5/15/2007 00:16	12.34	47.77	31.06	7.27	7.85	10.2	2.59
1693	5/15/2007 00:31	12.24	48.013	31.23	7.59	7.86	9.0	2.45
1694	5/15/2007 00:46	13.14	47.344	30.78	7.67	7.9	7.4	2.31
1695	5/15/2007 01:01	13.29	47.378	30.81	7.84	7.9	7.8	2.18
1696	5/15/2007 01:16	13.52	47.291	30.75	8.16	7.96	5.6	2.03
1697	5/15/2007 01:31	13.71	47.138	30.65	8.38	7.98	6.9	1.87
1698	5/15/2007 01:46	13.89	47.025	30.57	8.2	7.98	9.6	1.72
1699	5/15/2007 02:01	14.01	46.95	30.52	8.32	7.99	6.8	1.56
1700	5/15/2007 02:16	14.23	46.903	30.49	8.57	8.01	6.1	1.41
1701	5/15/2007 02:31	14.3	46.83	30.44	8.52	8	6.7	1.24
1702	5/15/2007 02:46	14.66	46.708	30.36	8.68	8.03	13.1	1.07
1703	5/15/2007 03:01	14.67	46.668	30.33	8.44	8.02	7.4	0.93
1704	5/15/2007 03:16	14.9	46.6	30.29	8.73	8.04	6.7	0.79
1705	5/15/2007 03:31	15.01	46.584	30.28	8.68	8.04	6.2	0.67
1706	5/15/2007 03:46	15.46	46.386	30.15	8.87	8.1	5.2	0.58
1707	5/15/2007 04:01	15.82	46.291	30.08	8.96	8.13	3.8	0.53
1708	5/15/2007 04:16	15.9	46.278	30.07	8.08	8.1	1.4	0.53
1709	5/15/2007 04:31	15.84	46.352	30.13	8.79	8.13	4.6	0.56
1710	5/15/2007 04:46	15.77	46.316	30.1	9.52	8.16	6.1	0.64
1711	5/15/2007 05:01	15.51	46.386	30.15	9.27	8.12	7.4	0.72
1712	5/15/2007 05:16	15.46	46.369	30.13	9.28	8.12	5.9	0.79
1713	5/15/2007 05:31	15.43	46.351	30.12	9.22	8.12	6.2	0.88
1714	5/15/2007 05:46	15.47	46.151	29.98	9.1	8.11	7.2	0.95
1715	5/15/2007 06:01	15.46	45.952	29.83	8.93	8.1	10.9	1.03
1716	5/15/2007 06:16	15.55	45.598	29.58	8.79	8.09	8.3	1.10
1717	5/15/2007 06:31	15.45	45.719	29.66	8.8	8.09	8.3	1.19
1718	5/15/2007 06:46	15.39	45.679	29.63	8.75	8.08	8.9	1.29
1719	5/15/2007 07:01	15.04	46.223	30.02	8.85	8.07	9.1	1.37
1720	5/15/2007 07:16	14.93	46.299	30.07	8.84	8.06	8.7	1.48
1721	5/15/2007 07:31	14.68	46.312	30.08	8.58	8.03	10.2	1.59
1722	5/15/2007 07:46	14.46	46.42	30.15	8.49	8.01	9.9	1.71
1723	5/15/2007 08:01	14.24	46.687	30.34	8.35	7.99	10.5	1.81
1724	5/15/2007 08:16	14	46.828	30.43	8.24	7.97	10.2	1.92
1725	5/15/2007 08:31	13.89	46.932	30.5	8.19	7.97	8.8	2.03
1726	5/15/2007 08:46	13.66	47.031	30.57	8.04	7.95	9.2	2.12
1727	5/15/2007 09:01	13.43	47.122	30.63	7.88	7.93	10.8	2.21
1728	5/15/2007 09:16	13.12	47.225	30.69	7.71	7.9	11.2	2.30

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1729	5/15/2007 09:31	12.86	47.299	30.74	7.6	7.89	11.3	2.38
1730	5/15/2007 09:46	12.67	47.406	30.81	7.46	7.87	8.8	2.45
1731	5/15/2007 10:01	12.31	47.091	30.56	7.26	7.84	10.0	2.52
1732	5/15/2007 10:16	11.88	47.789	31.05	6.96	7.82	9.7	2.59
1733	5/15/2007 10:31	11.62	47.919	31.13	6.88	7.81	8.8	2.65
1734	5/15/2007 10:46	11.57	47.926	31.13	6.87	7.81	17.4	2.69
1735	5/15/2007 11:01	11.5	47.988	31.18	6.88	7.81	7.2	2.73
1736	5/15/2007 11:16	11.5	47.962	31.16	6.74	7.79	5.4	2.75
1737	5/15/2007 11:31	11.62	47.947	31.15	6.53	7.79	4.0	2.75
1738	5/15/2007 11:46	11.52	47.938	31.14	6.61	7.79	3.9	2.72
1739	5/15/2007 12:01	11.47	47.981	31.17	6.65	7.78	7.7	2.67
1740	5/15/2007 12:16	12.11	47.666	30.97	7.18	7.85	5.5	2.61
1741	5/15/2007 12:31	12.47	47.417	30.81	7.52	7.88	6.3	2.52
1742	5/15/2007 12:46	13.05	47.414	30.83	8.55	7.97	6.1	2.43
1743	5/15/2007 13:01	13.43	47.077	30.59	8.99	8.01	5.6	2.34
1744	5/15/2007 13:16	13.7	47.053	30.59	9.1	8.03	6.4	2.24
1745	5/15/2007 13:31	13.83	47.043	30.58	9.21	8.03	4.7	2.15
1746	5/15/2007 13:46	14.12	46.936	30.51	10.17	8.09	4.9	2.06
1747	5/15/2007 14:01	14.22	47.051	30.6	10.54	8.11	3.9	1.97
1748	5/15/2007 14:16	14.45	46.878	30.48	10.2	8.1	5.8	1.88
1749	5/15/2007 14:31	14.53	46.858	30.47	9.87	8.1	7.1	1.79
1750	5/15/2007 14:46	14.75	46.706	30.36	9.85	8.11	5.3	1.73
1751	5/15/2007 15:01	14.86	46.652	30.33	9.94	8.13	4.4	1.65
1752	5/15/2007 15:16	14.94	46.651	30.33	9.96	8.13	3.5	1.59
1753	5/15/2007 15:31	15.07	46.612	30.3	10.1	8.15	2.8	1.55
1754	5/15/2007 15:46	15.13	46.569	30.27	9.85	8.14	2.0	1.52
1755	5/15/2007 16:01	15.12	46.577	30.28	9.31	8.12	0.6	1.52
1756	5/15/2007 16:16	15.13	46.59	30.29	10.19	8.17	2.3	1.51
1757	5/15/2007 16:31	14.96	46.602	30.29	10.26	8.15	4.1	1.56
1758	5/15/2007 16:46	14.98	46.502	30.22	10.05	8.14	4.5	1.60
1759	5/15/2007 17:01	15.01	46.556	30.26	9.79	8.12	5.6	1.65
1760	5/15/2007 17:16	14.96	46.574	30.27	9.71	8.11	4.3	1.74
1761	5/15/2007 17:31	14.76	46.618	30.3	9.6	8.09	4.9	1.82
1762	5/15/2007 17:46	14.82	46.565	30.26	9.46	8.09		1.91
1763	5/15/2007 18:01	14.67	46.632	30.31	9.43	8.07	5.9	2.00
1764	5/15/2007 18:16	14.52	46.705	30.36	9.34	8.06	5.4	2.08
1765	5/15/2007 18:31	14.08	46.881	30.47	8.88	8.01	7.1	2.18
1766	5/15/2007 18:46	13.61	47.061	30.59	8.36	7.96	7.5	2.27
1767	5/15/2007 19:01	13.28	47.217	30.69	8.09	7.94	8.5	2.36
1768	5/15/2007 19:16	12.96	47.359	30.78	7.76	7.91	7.5	2.45
1769	5/15/2007 19:31	12.69	47.491	30.87	7.61	7.89	8.1	2.55
1770	5/15/2007 19:46	12.27	47.679	30.99	7.46	7.87	10.7	2.65
1771	5/15/2007 20:01	11.73	47.897	31.12	7.17	7.84	12.1	2.75
1772	5/15/2007 20:16	11.31	48.087	31.24	6.91	7.81	12.4	2.86
1773	5/15/2007 20:31	10.9	48.269	31.35	6.7	7.79	12.5	2.97
1774	5/15/2007 20:46	10.44	48.477	31.47	6.63	7.78	13.0	3.08
1775	5/15/2007 21:01	10.17	48.591	31.54	6.68	7.77	10.9	3.17
1776	5/15/2007 21:16	10.06	48.671	31.59	6.76	7.78	10.5	3.27

sonde #4 Indian Island Long-Term Deployment Water Quality Data TP #4

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1777	5/15/2007 21:31	10	48.689	31.59	6.81	7.78	8.4	3.36
1778	5/15/2007 21:46	9.95	48.702	31.6	6.9	7.79	7.2	3.43
1779	5/15/2007 22:01	9.91	48.701	31.6	6.98	7.79	6.4	3.49
1780	5/15/2007 22:16	9.89	48.707	31.6	7.03	7.79	15.2	3.53
1781	5/15/2007 22:31	9.88	48.699	31.59	6.96	7.79	5.0	3.55
1782	5/15/2007 22:46	9.94	48.667	31.58	6.82	7.78	5.0	3.56
1783	5/15/2007 23:01	9.96	48.678	31.58	6.83	7.78	4.2	3.52
1784	5/15/2007 23:16	10.1	48.518	31.48	6.8	7.78	5.2	3.44
1785	5/15/2007 23:31	10.15	48.568	31.52	6.66	7.76	4.8	3.37
1786	5/15/2007 23:46	10.25	48.517	31.49	6.68	7.75	5.3	3.26
1787	5/16/2007 00:01	10.39	48.424	31.43	6.76	7.77	6.1	3.13
1788	5/16/2007 00:16	11.02	48.17	31.28	7	7.82	13.8	3.01
1789	5/16/2007 00:31	11.34	48.056	31.22	7.17	7.84	7.3	2.88
1790	5/16/2007 00:46	11.41	48.038	31.21	7.18	7.83	10.9	2.74
1791	5/16/2007 01:01	11.99	47.764	31.04	7.24	7.84	14.4	2.60
1792	5/16/2007 01:16	12.6	46.933	30.46	7.39	7.88	16.5	2.45
1793	5/16/2007 01:31	12.49	47.527	30.89	7.37	7.87	5.7	2.30
1794	5/16/2007 01:46	12.67	46.838	30.4	7.51	7.89	7.1	2.15
1795	5/16/2007 02:01	12.84	47.342	30.77	7.67	7.91	8.5	1.99
1796	5/16/2007 02:16	12.83	47.28	30.72	7.57	7.91	11.2	1.83
1797	5/16/2007 02:31	13.04	47.183	30.66	7.61	7.92	8.8	1.66
1798	5/16/2007 02:46	13.28	47.049	30.57	7.71	7.94	9.7	1.48
1799	5/16/2007 03:01	13.41	46.984	30.53	7.67	7.94	8.5	1.31
1800	5/16/2007 03:16	13.41	46.98	30.52	7.64	7.92	8.5	1.14
1801	5/16/2007 03:31	13.47	46.932	30.49	7.62	7.93	8.8	0.96
1802	5/16/2007 03:46	13.64	46.832	30.42	7.71	7.94	9.2	0.79
1803	5/16/2007 04:01	13.74	46.778	30.39	7.77	7.95	11.2	0.63
1804	5/16/2007 04:16	14.04	46.614	30.28	7.86	7.99	11.0	0.49
1805	5/16/2007 04:31	14.01	46.617	30.28	7.61	7.97	4.4	0.38
1806	5/16/2007 04:46	13.82	46.697	30.33	7.68	7.96	7.2	0.34
1807	5/16/2007 05:01	14.05	46.5	30.2	7.8	8	8.6	0.32
1808	5/16/2007 05:16	14.33	46.353	30.1	8.04	8.05	8.3	0.38
1809	5/16/2007 05:31	14.35	46.329	30.08	8.1	8.06	8.9	0.48
1810	5/16/2007 05:46	14.35	46.23	30.01	8.1	8.06	8.3	0.55
1811	5/16/2007 06:01	14.34	46.312	30.07	8.07	8.07	7.2	0.65
1812	5/16/2007 06:16	14.34	45.936	29.8	8.03	8.06	8.3	0.72
1813	5/16/2007 06:31	14.3	46.266	30.03	7.98	8.06	11.7	0.76
1814	5/16/2007 06:46	14.29	46.158	29.96	7.99	8.06	13.4	0.85
1815	5/16/2007 07:01	14.25	45.848	29.73	8.04	8.05	10.1	0.92
1816	5/16/2007 07:16	14.25	45.782	29.68	7.99	8.05	11.4	0.99
1817	5/16/2007 07:31	14.22	45.886	29.76	8	8.04	11.4	1.12
1818	5/16/2007 07:46	14.2	45.84	29.72	7.97	8.03	11.6	1.21
1819	5/16/2007 08:01	14.07	46.077	29.89	7.88	8.01	12.1	1.32
1820	5/16/2007 08:16	14.03	46.094	29.9	7.85	8	13.6	1.44
1821	5/16/2007 08:31	13.91	46.133	29.93	7.82	7.99	11.2	1.55
1822	5/16/2007 08:46	13.71	46.43	30.14	7.78	7.97	12.8	1.67
1823	5/16/2007 09:01	13.44	46.68	30.31	7.74	7.94	12.8	1.80
1824	5/16/2007 09:16	13.42	46.757	30.36	7.76	7.94	10.6	1.90

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1825	5/16/2007 09:31	13.37	46.786	30.38	7.73	7.94	10.9	2.02
1826	5/16/2007 09:46	13.16	46.888	30.45	7.6	7.92	14.5	2.13
1827	5/16/2007 10:01	12.95	46.97	30.5	7.47	7.9	17.1	2.22
1828	5/16/2007 10:16	12.57	47.101	30.58	7.33	7.87	15.8	2.32
1829	5/16/2007 10:31	12.36	47.212	30.65	7.19	7.85	14.6	2.40
1830	5/16/2007 10:46	11.8	47.468	30.81	6.84	7.81	17.8	2.48
1831	5/16/2007 11:01	11.48	47.713	30.98	6.79	7.8	11.9	2.55
1832	5/16/2007 11:16	11.38	47.779	31.02	6.77	7.8	12.4	2.61
1833	5/16/2007 11:31	11.33	47.82	31.05	6.83	7.8	9.9	2.67
1834	5/16/2007 11:46	11.31	47.834	31.05	6.9	7.8	8.9	2.73
1835	5/16/2007 12:01	11.24	47.864	31.07	6.92	7.81	7.8	2.75
1836	5/16/2007 12:16	11.2	47.875	31.08	6.9	7.8	23.5	2.78
1837	5/16/2007 12:31	11.43	47.803	31.04	6.82	7.79	38.2	2.78
1838	5/16/2007 12:46	11.36	47.82	31.05	6.65	7.79	20.5	2.76
1839	5/16/2007 13:01	11.34	47.847	31.06	6.79	7.8		2.71
1840	5/16/2007 13:16	11.54	47.776	31.02	6.85	7.81	8.1	2.65
1841	5/16/2007 13:31	12.29	47.433	30.81	7.62	7.88	10.3	2.56
1842	5/16/2007 13:46	12.63	47.238	30.68	7.77	7.9	6.6	2.49
1843	5/16/2007 14:01	13.14	47.125	30.62	8.72	7.99	6.1	2.39
1844	5/16/2007 14:16	13.36	47.12	30.62	9.07	8	6.6	2.29
1845	5/16/2007 14:31	14.06	46.992	30.55	10.01	8.1	6.0	2.21
1846	5/16/2007 14:46	14.19	46.999	30.56	10.05	8.1	5.5	2.13
1847	5/16/2007 15:01	14.4	46.948	30.53	10.34	8.1	3.9	2.04
1848	5/16/2007 15:16	14.95	46.995	30.58	11.34	8.18	27.1	1.96
1849	5/16/2007 15:31	15.05	46.91	30.52	11.33	8.18	2.8	1.89
1850	5/16/2007 15:46	15.59	46.742	30.41	12.43	8.26	3.1	1.81
1851	5/16/2007 16:01	15.65	46.685	30.36	11.76	8.23	3.2	1.75
1852	5/16/2007 16:16	15.78	46.634	30.33	11.65	8.25	3.2	1.69
1853	5/16/2007 16:31	15.81	46.585	30.29	11.93	8.27	3.5	1.66
1854	5/16/2007 16:46	15.89	46.588	30.3	10.39	8.22	2.7	1.66
1855	5/16/2007 17:01	15.77	46.714	30.39	12.19	8.26	3.3	1.64
1856	5/16/2007 17:16	15.57	46.655	30.34	11.89	8.23	4.5	1.66
1857	5/16/2007 17:31	15.28	46.608	30.3	11.03	8.18	10.8	1.70
1858	5/16/2007 17:46	15.32	46.514	30.24	10.65	8.16	5.5	1.76
1859	5/16/2007 18:01	15.13	46.589	30.29	10.56	8.15	6.4	1.83
1860	5/16/2007 18:16	15.26	46.481	30.21	10.09	8.11	7.8	1.90
1861	5/16/2007 18:31	15.04	46.581	30.28	9.91	8.1	6.6	1.99
1862	5/16/2007 18:46	14.8	46.666	30.33	9.78	8.08	7.2	2.09
1863	5/16/2007 19:01	14.33	46.817	30.43	9.43	8.05	8.0	2.17
1864	5/16/2007 19:16	13.92	46.947	30.52	8.91	8	7.3	2.25
1865	5/16/2007 19:31	13.39	47.098	30.61	8.35	7.95	7.7	2.35
1866	5/16/2007 19:46	12.92	47.244	30.7	7.97	7.92	8.2	2.44
1867	5/16/2007 20:01	12.63	47.36	30.77	7.8	7.9	7.8	2.52
1868	5/16/2007 20:16	12.19	47.535	30.88	7.61	7.88	8.7	2.61
1869	5/16/2007 20:31	11.81	47.691	30.98	7.4	7.86	10.3	2.71
1870	5/16/2007 20:46	11.41	47.841	31.06	7.24	7.84	11.6	2.81
1871	5/16/2007 21:01	11.03	48.004	31.16	7.05	7.82	9.2	2.91
1872	5/16/2007 21:16	10.75	48.141	31.25	6.99	7.81	10.3	3.02

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1873	5/16/2007 21:31	10.48	48.234	31.3	7.05	7.8	8.0	3.13
1874	5/16/2007 21:46	10.39	48.29	31.33	7.09	7.8	7.1	3.23
1875	5/16/2007 22:01	10.29	48.317	31.35	7.17	7.81	7.1	3.32
1876	5/16/2007 22:16	10.27	48.336	31.36	7.28	7.82	6.7	3.41
1877	5/16/2007 22:31	10.22	48.33	31.35	7.39	7.83	7.1	3.49
1878	5/16/2007 22:46	10.12	48.372	31.37	7.34	7.83	5.0	3.54
1879	5/16/2007 23:01	10.09	48.363	31.37	7.23	7.82	18.5	3.58
1880	5/16/2007 23:16	10.04	48.35	31.35	7.07	7.81	3.4	3.61
1881	5/16/2007 23:31	10.33	48.278	31.32	6.99	7.81	29.9	3.59
1882	5/16/2007 23:46	10.15	48.387	31.39	6.88	7.8	2.2	3.57
1883	5/17/2007 00:01	10.24	48.341	31.36	6.98	7.81	3.0	3.49
1884	5/17/2007 00:16	11.34	47.909	31.11	6.8	7.81	5.6	3.41
1885	5/17/2007 00:31	11	48.031	31.18	6.93	7.8	4.2	3.31
1886	5/17/2007 00:46	10.69	48.12	31.23	6.74	7.78	5.2	3.18
1887	5/17/2007 01:01	11.01	48.021	31.17	6.85	7.79	5.8	3.06
1888	5/17/2007 01:16	11.29	47.905	31.1	7.03	7.82	28.5	2.92
1889	5/17/2007 01:31	11.37	47.852	31.07	6.85	7.79	4.9	2.78
1890	5/17/2007 01:46	12.17	47.547	30.89	7.42	7.87	8.1	2.62
1891	5/17/2007 02:01	12.38	47.466	30.84	7.28	7.86	7.4	2.48
1892	5/17/2007 02:16	12.77	47.32	30.75	7.55	7.89	8.1	2.34
1893	5/17/2007 02:31	12.73	47.306	30.74	7.51	7.9	8.3	2.17
1894	5/17/2007 02:46	12.94	47.277	30.72	7.69	7.9	7.2	1.99
1895	5/17/2007 03:01	13.15	47.147	30.64	7.74	7.93	7.3	1.85
1896	5/17/2007 03:16	13.61	46.997	30.54	8.1	7.96		1.68
1897	5/17/2007 03:31	13.89	46.855	30.45	8.09	7.97	7.7	1.49
1898	5/17/2007 03:46	13.97	46.826	30.43	8.15	7.97	9.0	1.31
1899	5/17/2007 04:01	14.19	46.74	30.37	8.21	7.98	7.7	1.12
1900	5/17/2007 04:16	14.32	46.671	30.33	8.23	7.99	9.4	0.94
1901	5/17/2007 04:31	14.44	46.609	30.29	8.2	7.98	9.7	0.75
1902	5/17/2007 04:46	14.77	46.47	30.19	8.37	8.01	10.7	0.58
1903	5/17/2007 05:01	14.92	46.392	30.14	8.38	8.02	14.5	0.42
1904	5/17/2007 05:16	15.26	46.274	30.06	8.51	8.05	11.6	0.28
1905	5/17/2007 05:31	15.45	46.26	30.05	8.3	8.05	6.7	0.22
1906	5/17/2007 05:46	15.49	46.198	30.01	7.49	7.97	1.3	0.20
1907	5/17/2007 06:01	15.44	46.205	30.01	8.6	8.07	8.1	0.23
1908	5/17/2007 06:16	15.32	46.219	30.02	8.68	8.08	7.7	0.33
1909	5/17/2007 06:31	15.22	46.234	30.03	8.7	8.07	7.4	0.43
1910	5/17/2007 06:46	15.18	46.256	30.05	8.7	8.07	6.9	0.53
1911	5/17/2007 07:01	15.16	46.236	30.03	8.62	8.06	6.4	0.61
1912	5/17/2007 07:16	15.2	46.054	29.9	8.64	8.06	6.4	0.67
1913	5/17/2007 07:31	15.24	45.784	29.71	8.54	8.04	7.5	0.73
1914	5/17/2007 07:46	15.24	45.668	29.62	8.45	8.05	8.3	0.80
1915	5/17/2007 08:01	15.19	45.85	29.75	8.53	8.05	8.3	0.89
1916	5/17/2007 08:16	15.17	45.85	29.75	8.51	8.05	9.0	1.00
1917	5/17/2007 08:31	15.27	45.577	29.56	8.43	8.04	10.8	1.09
1918	5/17/2007 08:46	15.33	45.316	29.37	8.42	8.04	13.3	1.21
1919	5/17/2007 09:01	14.88	45.908	29.79	8.42	8.03	14.3	1.33
1920	5/17/2007 09:16	14.64	46.079	29.91	8.33	8.01	11.8	1.45

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1921	5/17/2007 09:31	14.49	46.356	30.1	8.3	8	16.0	1.58
1922	5/17/2007 09:46	14.27	46.521	30.22	8.21	7.99	13.6	1.69
1923	5/17/2007 10:01	14.06	46.673	30.32	8.16	7.98	25.8	1.82
1924	5/17/2007 10:16	13.95	46.753	30.38	8.14	7.97	14.0	1.94
1925	5/17/2007 10:31	13.75	46.815	30.42	8.05	7.96	19.4	2.04
1926	5/17/2007 10:46	13.54	46.875	30.45	7.96	7.95	13.3	2.15
1927	5/17/2007 11:01	13.21	46.954	30.5	7.8	7.92	32.1	2.24
1928	5/17/2007 11:16	12.96	47.042	30.55	7.6	7.9	23.0	2.34
1929	5/17/2007 11:31	12.37	47.187	30.64	6.82	7.83	16.3	2.42
1930	5/17/2007 11:46	11.9	47.393	30.76	6.58	7.81	13.9	2.50
1931	5/17/2007 12:01	11.77	47.479	30.82	6.47	7.8	21.2	2.57
1932	5/17/2007 12:16	11.7	47.491	30.83	6.46	7.8	18.3	2.64
1933	5/17/2007 12:31	11.56	47.542	30.86	6.44	7.8	13.7	2.70
1934	5/17/2007 12:46	11.36	47.581	30.87	6.34	7.79	15.8	2.74
1935	5/17/2007 13:01	11.24	47.617	30.89	6.28	7.78	9.6	2.78
1936	5/17/2007 13:16	11.03	47.696	30.94	6.1	7.77	5.1	2.80
1937	5/17/2007 13:31	11.35	47.599	30.89	6.18	7.79	8.3	2.80
1938	5/17/2007 13:46	11.13	47.637	30.9	5.97	7.77	8.5	2.78
1939	5/17/2007 14:01	11.37	47.533	30.84	6.12	7.77	22.8	2.73
1940	5/17/2007 14:16	12.09	47.324	30.72	6.81	7.84	38.4	2.66
1941	5/17/2007 14:31	12.7	47.205	30.66	7.42	7.89	16.5	2.59
1942	5/17/2007 14:46	13.19	47.077	30.59	7.86	7.93	11.6	2.50
1943	5/17/2007 15:01	13.45	47.071	30.59	8.54	7.99	8.0	2.40
1944	5/17/2007 15:16	14.01	46.927	30.5	9.42	8.05	8.4	2.32
1945	5/17/2007 15:31	14.15	46.813	30.42	9.39	8.04	14.6	2.24
1946	5/17/2007 15:46	14.47	46.786	30.41	9.89	8.09	7.4	2.15
1947	5/17/2007 16:01	14.65	46.797	30.43	9.84	8.08	4.3	2.08
1948	5/17/2007 16:16	14.92	46.774	30.42	10.24	8.1	4.0	2.01
1949	5/17/2007 16:31	15.64	46.651	30.34	11.79	8.21	3.0	1.94
1950	5/17/2007 16:46	15.84	46.553	30.27	11.91	8.22	3.0	1.89
1951	5/17/2007 17:01	15.99	46.501	30.24	11.85	8.23	3.1	1.82
1952	5/17/2007 17:16	16.11	46.555	30.28	11.77	8.23	2.4	1.79
1953	5/17/2007 17:31	16.18	46.562	30.28	11.5	8.25	2.2	1.77
1954	5/17/2007 17:46	16.38	46.629	30.34	12.96	8.32	3.5	1.75
1955	5/17/2007 18:01	15.81	46.621	30.32	11.84	8.22	9.3	1.77
1956	5/17/2007 18:16	15.61	46.615	30.31	11.35	8.2	12.2	1.80
1957	5/17/2007 18:31	15.49	46.582	30.29	10.72	8.16	8.3	1.84
1958	5/17/2007 18:46	15.49	46.548	30.26	10.51	8.14	6.9	1.90
1959	5/17/2007 19:01	15.19	46.641	30.32	10.17	8.11	10.8	1.97
1960	5/17/2007 19:16	15.6	46.502	30.23	9.81	8.09	13.4	2.05
1961	5/17/2007 19:31	15.01	46.688	30.35	9.76	8.08	9.6	2.13
1962	5/17/2007 19:46	14.58	46.838	30.45	9.48	8.06	18.0	2.22
1963	5/17/2007 20:01	14.02	46.994	30.55	8.77	8	21.7	2.30
1964	5/17/2007 20:16	13.73	47.058	30.59	8.36	7.97	18.9	2.38
1965	5/17/2007 20:31	13.09	47.246	30.71	7.74	7.91	10.5	2.48
1966	5/17/2007 20:46	12.67	47.399	30.8	7.43	7.89	11.7	2.56
1967	5/17/2007 21:01	12.39	47.475	30.84	7.23	7.87	23.7	2.65
1968	5/17/2007 21:16	11.74	47.661	30.95	6.85	7.84	21.2	2.75

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1969	5/17/2007 21:31	11.44	47.775	31.02	6.64	7.82	19.0	2.85
1970	5/17/2007 21:46	11.02	47.903	31.09	6.42	7.8	33.4	2.94
1971	5/17/2007 22:01	10.69	48.016	31.15	6.3	7.79	21.6	3.04
1972	5/17/2007 22:16	10.31	48.142	31.22	6.23	7.78	19.5	3.15
1973	5/17/2007 22:31	10.11	48.218	31.26	6.23	7.77	21.6	3.24
1974	5/17/2007 22:46	10.03	48.242	31.28	6.26	7.78	14.6	3.32
1975	5/17/2007 23:01	9.99	48.241	31.27	6.32	7.78	4.9	3.41
1976	5/17/2007 23:16	9.93	48.26	31.28	6.41	7.79	5.3	3.48
1977	5/17/2007 23:31	9.95	48.244	31.27	6.39	7.79	3.9	3.53
1978	5/17/2007 23:46	9.92	48.232	31.26	6.36	7.79	4.1	3.57
1979	5/18/2007 00:01	9.93	48.218	31.25	6.19	7.78	2.1	3.59
1980	5/18/2007 00:16	10.07	48.172	31.23	5.77	7.75	3.0	3.58
1981	5/18/2007 00:31	10	48.219	31.26	6.02	7.78	3.2	3.54
1982	5/18/2007 00:46	10.95	48.038	31.18	6.43	7.83	2.7	3.48
1983	5/18/2007 01:01	11.48	47.791	31.03	6.4	7.81	4.5	3.40
1984	5/18/2007 01:16	10.8	48.037	31.17	6.19	7.78	6.1	3.29
1985	5/18/2007 01:31	10.81	48.013	31.16	6.29	7.78	5.5	3.17
1986	5/18/2007 01:46	11.15	47.792	31.02	6.19	7.78	5.6	3.04
1987	5/18/2007 02:01	11.56	47.633	30.92	6.23	7.79		2.91
1988	5/18/2007 02:16	11.5	47.732	30.99	6.46	7.8		2.78
1989	5/18/2007 02:31	12.09	47.493	30.84	6.8	7.84	6.0	2.63
1990	5/18/2007 02:46	12.83	47.229	30.68	7.18	7.89	7.3	2.49
1991	5/18/2007 03:01	12.83	47.273	30.72	7.11	7.87	6.3	2.35
1992	5/18/2007 03:16	13.47	47.023	30.56	7.55	7.93	7.7	2.19
1993	5/18/2007 03:31	13.2	47.145	30.64	7.34	7.9	5.4	2.03
1994	5/18/2007 03:46	13.38	47.045	30.57	7.54	7.91	7.7	1.86
1995	5/18/2007 04:01	14.07	46.796	30.41	7.9	7.96	8.5	1.69
1996	5/18/2007 04:16	14.09	46.821	30.43	7.95	7.96	10.8	1.53
1997	5/18/2007 04:31	14.28	46.752	30.38	8.02	7.96	9.4	1.34
1998	5/18/2007 04:46	14.43	46.704	30.35	8.05	7.97	9.6	1.16
1999	5/18/2007 05:01	14.68	46.602	30.29	8.13	7.98	10.5	0.98
2000	5/18/2007 05:16	14.81	46.574	30.27	8.15	7.99	10.6	0.78
2001	5/18/2007 05:31	15.18	46.423	30.17	8.15	8	9.4	0.61
2002	5/18/2007 05:46	15.25	46.429	30.17	8.08	8	17.4	0.44
2003	5/18/2007 06:01	15.45	46.409	30.16	8.03	7.99	7.3	0.29
2004	5/18/2007 06:16	15.87	46.275	30.07	7.59	8.01	2.6	0.22
2005	5/18/2007 06:31	16	46.234	30.04	5.9	7.91	1.7	0.20
2006	5/18/2007 06:46	15.9	46.204	30.02	8.03	8.02	5.3	0.24
2007	5/18/2007 07:01	15.92	46.209	30.02	8.22	8.05	4.9	0.31
2008	5/18/2007 07:16	15.78	46.265	30.06	8.31	8.04	6.0	0.41
2009	5/18/2007 07:31	15.76	46.257	30.06	8.24	8.04	5.6	0.49
2010	5/18/2007 07:46	15.77	46.254	30.05	7.91	8.02	5.1	0.57
2011	5/18/2007 08:01	15.78	46.25	30.05	7.36	7.97	3.9	0.62
2012	5/18/2007 08:16	15.88	46.145	29.98	7.84	8.02	5.2	0.69
2013	5/18/2007 08:31	15.8	46.143	29.98	8.14	8.02	6.8	0.76
2014	5/18/2007 08:46	15.84	45.986	29.86	8.34	8.03	22.4	0.84
2015	5/18/2007 09:01	15.74	45.978	29.86	8.39	8.03	8.5	0.94
2016	5/18/2007 09:16	15.85	45.844	29.76	8.36	8.03	9.4	1.05

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #4

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
2017	5/18/2007 09:31	16.03	45.655	29.63	8.32	8.02	8.9	1.17
2018	5/18/2007 09:46	15.26	46.191	30	8.27	8.01	10.0	1.28
2019	5/18/2007 10:01	15.23	46.184	30	8.26	8	8.6	1.40
2020	5/18/2007 10:16	14.99	46.278	30.06	8.21	7.99	8.1	1.52
2021	5/18/2007 10:31	14.68	46.473	30.19	8.17	7.98	9.6	1.64
2022	5/18/2007 10:46	14.52	46.56	30.25	8.08	7.97	11.7	1.77
2023	5/18/2007 11:01	14.47	46.557	30.25	8.07	7.97	9.6	1.88
2024	5/18/2007 11:16	14.36	46.604	30.28	8.03	7.97	13.0	1.99
2025	5/18/2007 11:31	14.21	46.631	30.29	7.92	7.95	12.3	2.10
2026	5/18/2007 11:46	13.93	46.709	30.34	7.7	7.92	12.6	2.19
2027	5/18/2007 12:01	13.6	46.817	30.41	7.44	7.91	14.8	2.29
2028	5/18/2007 12:16	13.36	46.886	30.45	7.24	7.89	21.2	2.37
2029	5/18/2007 12:31	12.67	47.102	30.59	6.86	7.84	11.5	2.45
2030	5/18/2007 12:46	12.21	47.245	30.67	6.44	7.81	10.5	2.52
2031	5/18/2007 13:01	12.17	47.268	30.69	6.35	7.8	9.9	2.59
2032	5/18/2007 13:16	12.17	47.3	30.71	6.37	7.81	8.0	2.66
2033	5/18/2007 13:31	12.14	47.274	30.69	6.39	7.8	7.1	2.70
2034	5/18/2007 13:46	11.96	47.406	30.78	6.33	7.8	5.7	2.75
2035	5/18/2007 14:01	11.82	47.432	30.79	6.08	7.78	3.6	2.79
2036	5/18/2007 14:16	11.74	47.441	30.79	5.44	7.74	1.7	2.80
2037	5/18/2007 14:31	11.93	47.324	30.72	4.51	7.7	2.3	2.79
Mean		13.63	47.76	31.09	7.90	7.94	5.3	2.06
Standard Dev.		1.35	0.94	0.65	1.01	0.11	3.9	0.66

Values in bold red type indicate exceedance of established applicable criteria

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
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	5/18/2007 16:01	14.05	50.412	33.04	8.51	7.93	4.6	2.13
1	5/18/2007 16:16	14.14	50.408	33.04	8.42	8	3.8	2.06
2	5/18/2007 16:31	14.07	50.382	33.02	8.52	8.02	4.5	1.98
3	5/18/2007 16:46	14.08	50.361	33	8.54	8.03	4.8	1.89
4	5/18/2007 17:01	14.12	50.328	32.98	8.52	8.03	4.5	1.81
5	5/18/2007 17:16	14.25	50.294	32.96	8.4	8.03	4.6	1.72
6	5/18/2007 17:31	14.49	50.165	32.87	8.47	8.04	3.8	1.65
7	5/18/2007 17:46	14.61	50.114	32.84	8.47	8.05	4.0	1.57
8	5/18/2007 18:01	14.84	50.007	32.76	8.6	8.06	3.2	1.50
9	5/18/2007 18:16	15.11	50.011	32.77	9.03	8.08	4.1	1.44
10	5/18/2007 18:31	15.46	49.904	32.7	9.3	8.11	3.4	1.38
11	5/18/2007 18:46	15.73	49.904	32.71	9.66	8.13	3.0	1.33
12	5/18/2007 19:01	15.94	49.876	32.69	9.8	8.15	2.5	1.29
13	5/18/2007 19:16	16.12	49.84	32.67	9.95	8.16	2.4	1.27
14	5/18/2007 19:31	16.28	49.766	32.62	10.14	8.17	2.2	1.25
15	5/18/2007 19:46	16.3	49.833	32.67	10.41	8.19	2.2	1.24
16	5/18/2007 20:01	16.27	49.844	32.67	10.28	8.18	2.5	1.27
17	5/18/2007 20:16	16.22	49.775	32.62	10.34	8.19	3.0	1.31
18	5/18/2007 20:31	16.16	49.716	32.58	10.14	8.17	3.0	1.35
19	5/18/2007 20:46	16.05	49.659	32.54	9.86	8.15	2.7	1.41
20	5/18/2007 21:01	15.89	49.651	32.53	9.42	8.12	4.3	1.49
21	5/18/2007 21:16	15.77	49.702	32.56	9.21	8.1	3.9	1.57
22	5/18/2007 21:31	15.43	49.843	32.66	9.03	8.08	3.2	1.65
23	5/18/2007 21:46	15.02	49.942	32.72	8.71	8.06	3.0	1.72
24	5/18/2007 22:01	14.51	50.102	32.82	8.19	8.02	2.8	1.80
25	5/18/2007 22:16	13.97	50.264	32.93	7.68	7.97	3.0	1.89
26	5/18/2007 22:31	13.42	50.474	33.06	7.13	7.93	3.6	1.97
27	5/18/2007 22:46	12.97	50.55	33.1	6.83	7.89	4.1	2.05
28	5/18/2007 23:01	12.76	50.585	33.12	6.7	7.88	3.1	2.14
29	5/18/2007 23:16	12.19	50.819	33.26	6.52	7.87	3.4	2.24
30	5/18/2007 23:31	11.72	50.911	33.31	6.39	7.85	3.4	2.33
31	5/18/2007 23:46	11.44	50.971	33.33	6.34	7.85	3.3	2.42
32	5/19/2007 00:01	11.07	51.094	33.4	6.41	7.86	3.3	2.51
33	5/19/2007 00:16	10.83	51.157	33.43	6.43	7.86	2.6	2.60
34	5/19/2007 00:31	10.69	51.179	33.44	6.4	7.86	2.2	2.68
35	5/19/2007 00:46	10.56	51.22	33.46	6.4	7.86	2.2	2.75
36	5/19/2007 01:01	10.52	51.219	33.46	6.41	7.86	2.1	2.82
37	5/19/2007 01:16	10.5	51.222	33.46	6.39	7.86	1.9	2.87
38	5/19/2007 01:31	10.49	51.224	33.46	6.38	7.87	1.9	2.90
39	5/19/2007 01:46	10.48	51.233	33.47	6.34	7.87	1.6	2.92
40	5/19/2007 02:01	10.5	51.229	33.47	6.31	7.87	1.4	2.92
41	5/19/2007 02:16	10.53	51.227	33.47	6.28	7.87	1.6	2.89
42	5/19/2007 02:31	10.66	51.111	33.39	6.19	7.86	1.7	2.84
43	5/19/2007 02:46	11.24	50.809	33.2	6.08	7.87	1.7	2.77
44	5/19/2007 03:01	11.4	50.901	33.28	6.12	7.88	2.2	2.68
45	5/19/2007 03:16	11.62	50.859	33.26	6.11	7.88	2.1	2.57
46	5/19/2007 03:31	11.59	50.923	33.31	6.07	7.87	2.3	2.45
47	5/19/2007 03:46	11.63	50.798	33.22	6.06	7.87	3.5	2.33

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
48	5/19/2007 04:01	11.75	50.512	33.02	6.2	7.89	3.4	2.21
49	5/19/2007 04:16	11.89	50.402	32.94	6.45	7.92	3.2	2.07
50	5/19/2007 04:31	12.25	50.027	32.69	7.01	7.98	3.8	1.93
51	5/19/2007 04:46	12.7	49.56	32.37	7.63	8.04	4.2	1.81
52	5/19/2007 05:01	12.65	49.858	32.58	8.12	8.07	4.0	1.66
53	5/19/2007 05:16	13.2	49.861	32.61	7.44	8.03	4.1	1.51
54	5/19/2007 05:31	13.4	49.917	32.65	7.58	8.01	4.7	1.34
55	5/19/2007 05:46	13.45	50.024	32.73	7.6	8.02	4.7	1.18
56	5/19/2007 06:01	14.06	49.762	32.56	7.52	8.02	5.3	1.02
57	5/19/2007 06:16	14.28	49.779	32.58	7.59	8.03	4.7	0.86
58	5/19/2007 06:31	14.44	49.788	32.59	7.63	8.03	5.0	0.67
59	5/19/2007 06:46	14.57	49.86	32.65	7.54	8.03	5.0	0.49
60	5/19/2007 07:01	14.76	49.827	32.63	7.43	8.02	4.6	0.33
61	5/19/2007 07:16	14.88	49.802	32.61	7.28	8.01	4.3	0.16
62	5/19/2007 07:31	15.1	49.697	32.54	7.25	8.02	4.7	0.06
63	5/19/2007 07:46							0.07
64	5/19/2007 08:01							0.07
65	5/19/2007 08:16							0.07
66	5/19/2007 08:31							0.07
67	5/19/2007 08:46							0.07
68	5/19/2007 09:01							0.07
69	5/19/2007 09:16	16.21	49.353	32.31	7.22	8.07	5.2	0.07
70	5/19/2007 09:31	16.2	49.413	32.36	7.32	8.08	4.8	0.07
71	5/19/2007 09:46	16.22	49.44	32.38	7.29	8.08	3.9	0.10
72	5/19/2007 10:01	16.17	49.465	32.4	7.16	8.07	3.9	0.16
73	5/19/2007 10:16	16.11	49.458	32.39	6.98	8.06	3.3	0.21
74	5/19/2007 10:31	16.06	49.46	32.39	6.93	8.05	3.0	0.28
75	5/19/2007 10:46	16.01	49.48	32.4	6.74	8.04	2.5	0.37
76	5/19/2007 11:01	16.1	49.428	32.37	7.22	8.06	5.4	0.46
77	5/19/2007 11:16	16.18	49.377	32.33	7.33	8.06	6.0	0.57
78	5/19/2007 11:31	16.22	49.314	32.29	7.41	8.06	5.9	0.68
79	5/19/2007 11:46	16.24	49.213	32.21	7.38	8.06	6.5	0.78
80	5/19/2007 12:01	16.21	49.206	32.21	7.33	8.06	5.5	0.91
81	5/19/2007 12:16	16.04	49.329	32.29	7.21	8.04	4.3	1.03
82	5/19/2007 12:31	15.64	49.579	32.47	7.14	8.03	4.9	1.14
83	5/19/2007 12:46	15.31	49.761	32.6	7.16	8.02	4.9	1.26
84	5/19/2007 13:01	15.19	49.827	32.64	7.11	8.01	3.8	1.37
85	5/19/2007 13:16	14.99	49.958	32.73	7.09	8.01	4.2	1.48
86	5/19/2007 13:31	14.86	50.016	32.77	7.01	8	4.2	1.57
87	5/19/2007 13:46	14.75	50.03	32.78	6.94	8	3.6	1.66
88	5/19/2007 14:01	14.57	50.11	32.83	6.87	7.99	3.3	1.74
89	5/19/2007 14:16	14.34	50.182	32.88	6.7	7.97	3.2	1.82
90	5/19/2007 14:31	14.06	50.205	32.89	6.58	7.96	2.7	1.88
91	5/19/2007 14:46	13.78	50.274	32.93	6.44	7.94	2.7	1.95
92	5/19/2007 15:01	13.46	50.382	33	6.2	7.92	2.3	2.01
93	5/19/2007 15:16	13.14	50.512	33.08	6.02	7.9	2.1	2.06
94	5/19/2007 15:31	12.93	50.557	33.1	5.88	7.89	2.1	2.11
95	5/19/2007 15:46	12.56	50.746	33.23	5.73	7.87	1.9	2.15

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
96	5/19/2007 16:01	12.49	50.751	33.23	5.68	7.87	1.8	2.17
97	5/19/2007 16:16	12.47	50.752	33.23	5.67	7.87	1.5	2.16
98	5/19/2007 16:31	12.48	50.745	33.22	5.66	7.87	1.9	2.14
99	5/19/2007 16:46	12.48	50.674	33.17	5.68	7.88	1.8	2.12
100	5/19/2007 17:01	12.49	50.517	33.06	5.86	7.9	1.7	2.05
101	5/19/2007 17:16	12.53	50.316	32.91	6.17	7.95	2.1	1.98
102	5/19/2007 17:31	12.75	50.288	32.9	6.29	7.96	2.1	1.91
103	5/19/2007 17:46	13.26	50.053	32.75	6.57	7.98	2.6	1.85
104	5/19/2007 18:01	13.44	50.079	32.77	6.52	7.99	2.5	1.77
105	5/19/2007 18:16	13.89	49.853	32.62	7.21	8.05	3.2	1.69
106	5/19/2007 18:31	14.29	49.781	32.58	7.77	8.09	3.4	1.62
107	5/19/2007 18:46	14.41	49.758	32.57	8.08	8.11	3.2	1.56
108	5/19/2007 19:01	14.64	49.97	32.73	8.46	8.15	4.0	1.51
109	5/19/2007 19:16	14.92	49.744	32.57	8.5	8.13	3.9	1.45
110	5/19/2007 19:31	14.84	49.673	32.52	7.91	8.07	3.8	1.40
111	5/19/2007 19:46	15.25	49.693	32.54	8.73	8.18	3.7	1.37
112	5/19/2007 20:01	15.19	49.816	32.63	8.28	8.11	4.1	1.33
113	5/19/2007 20:16	15.43	49.836	32.65	8.43	8.16	3.7	1.32
114	5/19/2007 20:31	15.57	49.841	32.66	8.58	8.17	3.2	1.32
115	5/19/2007 20:46	15.62	49.856	32.67	8.75	8.18	3.6	1.33
116	5/19/2007 21:01	15.64	49.857	32.67	8.65	8.18	3.5	1.35
117	5/19/2007 21:16	15.63	49.875	32.68	8.53	8.17	3.3	1.40
118	5/19/2007 21:31	15.59	49.891	32.7	8.43	8.16	3.2	1.44
119	5/19/2007 21:46	15.5	49.921	32.72	8.44	8.13	3.5	1.50
120	5/19/2007 22:01	15.36	49.973	32.75	8.37	8.11	4.1	1.57
121	5/19/2007 22:16	15.34	49.902	32.7	8.3	8.11	4.9	1.63
122	5/19/2007 22:31	15.26	49.943	32.73	8.23	8.1	3.9	1.70
123	5/19/2007 22:46	14.98	50.118	32.85	8.12	8.09	4.5	1.78
124	5/19/2007 23:01	14.53	50.297	32.97	7.89	8.07	3.8	1.85
125	5/19/2007 23:16	14.09	50.451	33.07	7.67	8.05	3.8	1.92
126	5/19/2007 23:31	13.48	50.681	33.22	7.35	8	3.8	1.99
127	5/19/2007 23:46	12.98	50.757	33.25	7.18	7.98	4.0	2.07
128	5/20/2007 00:01	12.58	50.875	33.32	7.03	7.96	4.3	2.16
129	5/20/2007 00:16	12.31	50.963	33.37	6.99	7.96	3.9	2.23
130	5/20/2007 00:31	11.85	51.103	33.45	6.9	7.95	3.7	2.31
131	5/20/2007 00:46	11.63	51.117	33.45	6.85	7.94	3.5	2.39
132	5/20/2007 01:01	11.39	51.201	33.5	6.85	7.94	3.6	2.48
133	5/20/2007 01:16	11.2	51.242	33.52	6.89	7.95	2.8	2.55
134	5/20/2007 01:31	11.01	51.299	33.55	6.96	7.95	2.9	2.60
135	5/20/2007 01:46	10.83	51.353	33.58	6.91	7.95	2.5	2.66
136	5/20/2007 02:01	10.73	51.347	33.57	6.83	7.94	2.4	2.71
137	5/20/2007 02:16	10.65	51.35	33.56	6.72	7.94	2.2	2.76
138	5/20/2007 02:31	10.63	51.332	33.55	6.64	7.93	2.0	2.76
139	5/20/2007 02:46	10.68	51.306	33.53	6.59	7.93	2.1	2.77
140	5/20/2007 03:01	10.69	51.297	33.53	6.55	7.93	2.1	2.75
141	5/20/2007 03:16	10.72	51.312	33.54	6.57	7.94	2.1	2.70
142	5/20/2007 03:31	11.07	51.159	33.45	6.55	7.94	2.5	2.63
143	5/20/2007 03:46	11.66	50.985	33.36	6.49	7.95	3.1	2.55

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
144	5/20/2007 04:01	11.61	51.036	33.39	6.49	7.94	3.1	2.46
145	5/20/2007 04:16	11.6	51.019	33.38	6.48	7.94	3.7	2.35
146	5/20/2007 04:31	11.61	51.025	33.38	6.51	7.95	3.0	2.25
147	5/20/2007 04:46	11.65	50.852	33.26	6.63	7.97	3.2	2.14
148	5/20/2007 05:01	11.8	50.673	33.14	6.79	7.99	3.2	2.02
149	5/20/2007 05:16	12.04	50.356	32.92	6.98	8.03	3.2	1.89
150	5/20/2007 05:31	12.88	49.587	32.39	7.04	8.04	6.6	1.77
151	5/20/2007 05:46	12.81	50.034	32.72	7.23	8.06	5.1	1.64
152	5/20/2007 06:01	13.09	49.844	32.59	7.14	8.05	5.2	1.49
153	5/20/2007 06:16	13.23	49.803	32.57	7.28	8.06	5.4	1.36
154	5/20/2007 06:31	13.14	49.859	32.6	7.28	8.07	3.8	1.21
155	5/20/2007 06:46	13.1	49.555	32.38	6.97	8.04	4.9	1.06
156	5/20/2007 07:01	13.28	49.48	32.33	6.92	8.03	3.8	0.91
157	5/20/2007 07:16	13.37	49.499	32.35	6.9	8.03	3.5	0.75
158	5/20/2007 07:31	13.51	49.505	32.36	6.9	8.03	3.9	0.59
159	5/20/2007 07:46	13.66	49.49	32.35	6.88	8.02	4.1	0.44
160	5/20/2007 08:01	13.85	49.524	32.38	6.84	8.02	7.6	0.29
161	5/20/2007 08:16	13.98	49.488	32.36	6.79	8.01	4.3	0.16
162	5/20/2007 08:31	14.06	49.504	32.38	6.74	8	4.2	0.04
163	5/20/2007 08:46	14.19	49.516	32.39	6.64	7.99	5.0	0.04
164	5/20/2007 09:01	14.36	44.605	28.84	6.72	7.97	4.7	0.04
165	5/20/2007 09:16	14.49	39.376	25.13	6.88	7.97	4.7	0.04
166	5/20/2007 09:31	15.05	49.699	32.54	6.79	8.04	5.8	0.04
167	5/20/2007 09:46	15.18	49.743	32.58	6.86	8.05	6.9	0.04
168	5/20/2007 10:01	15.17	49.803	32.62	6.85	8.05	5.5	0.09
169	5/20/2007 10:16	15.15	49.815	32.63	6.87	8.05	4.8	0.13
170	5/20/2007 10:31	15.16	49.802	32.62	6.83	8.04	5.5	0.21
171	5/20/2007 10:46	15.19	49.79	32.61	6.87	8.04	5.7	0.27
172	5/20/2007 11:01	15.19	49.71	32.56	6.83	8.04	5.9	0.30
173	5/20/2007 11:16	15.17	49.68	32.53	6.83	8.04	5.8	0.38
174	5/20/2007 11:31	15.1	49.384	32.32	6.96	8.05	6.8	0.45
175	5/20/2007 11:46	15.11	49.225	32.2	6.99	8.06	7.7	0.53
176	5/20/2007 12:01	15.12	49.113	32.12	7.05	8.06	7.7	0.62
177	5/20/2007 12:16	15.08	49.199	32.18	6.95	8.05	6.0	0.72
178	5/20/2007 12:31	14.98	49.537	32.42	7.01	8.04	7.1	0.81
179	5/20/2007 12:46	14.92	49.612	32.48	7.01	8.04	6.3	0.92
180	5/20/2007 13:01	14.86	49.672	32.52	7.04	8.03	7.6	1.04
181	5/20/2007 13:16	14.53	50.044	32.78	7.09	8.02	7.3	1.14
182	5/20/2007 13:31	14.37	50.189	32.88	7.11	8.01	6.8	1.24
183	5/20/2007 13:46	14.25	50.273	32.94	7.07	8	7.1	1.35
184	5/20/2007 14:01	14.2	50.309	32.97	7.03	8	6.9	1.44
185	5/20/2007 14:16	14.07	50.358	33	6.99	7.99	5.7	1.53
186	5/20/2007 14:31	13.79	50.491	33.09	6.9	7.98	5.5	1.62
187	5/20/2007 14:46	13.59	50.512	33.1	6.82	7.96	5.2	1.69
188	5/20/2007 15:01	13.33	50.615	33.16	6.66	7.94	5.0	1.77
189	5/20/2007 15:16	13.18	50.646	33.18	6.41	7.91	4.9	1.83
190	5/20/2007 15:31	12.93	50.756	33.25	6.23	7.89	4.6	1.91
191	5/20/2007 15:46	12.77	50.753	33.24	6.1	7.88	3.6	1.96

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
192	5/20/2007 16:01	12.44	50.924	33.35	5.97	7.86	4.0	2.02
193	5/20/2007 16:16	12.26	50.967	33.37	5.96	7.86	3.3	2.07
194	5/20/2007 16:31	12.21	50.959	33.36	5.95	7.86	2.9	2.09
195	5/20/2007 16:46	12.14	50.983	33.38	6.02	7.87	2.7	2.13
196	5/20/2007 17:01	12.13	50.967	33.37	6.05	7.87	3.1	2.14
197	5/20/2007 17:16	12.14	50.964	33.37	6.01	7.87	2.7	2.13
198	5/20/2007 17:31	12.16	50.974	33.37	5.96	7.87	2.2	2.10
199	5/20/2007 17:46	12.2	50.925	33.34	5.83	7.85	2.2	2.05
200	5/20/2007 18:01	12.22	50.822	33.26	5.67	7.85	2.7	2.00
201	5/20/2007 18:16	12.44	50.612	33.12	5.98	7.88	2.9	1.93
202	5/20/2007 18:31	12.86	50.39	32.98	6.28	7.92	4.0	1.85
203	5/20/2007 18:46	13.04	50.542	33.1	6.64	7.96	4.3	1.79
204	5/20/2007 19:01	13.25	50.517	33.09	6.96	7.99	3.5	1.72
205	5/20/2007 19:16	13.48	50.373	32.99	6.98	8.02	3.8	1.66
206	5/20/2007 19:31	13.62	50.213	32.88	7.09	8.01	3.6	1.59
207	5/20/2007 19:46	13.78	50.342	32.98	7.23	8.02	3.3	1.54
208	5/20/2007 20:01	13.97	50.327	32.97	7.3	8.02	3.6	1.50
209	5/20/2007 20:16	14.07	50.331	32.98	7.25	8.02	2.9	1.45
210	5/20/2007 20:31	14.2	50.281	32.95	7.45	8.04	3.3	1.40
211	5/20/2007 20:46	14.32	50.266	32.94	7.57	8.06	3.0	1.38
212	5/20/2007 21:01	14.38	50.244	32.92	7.63	8.06	2.9	1.35
213	5/20/2007 21:16	14.57	50.115	32.84	7.64	8.08	3.2	1.34
214	5/20/2007 21:31	14.58	50.208	32.9	7.98	8.1	3.3	1.35
215	5/20/2007 21:46	14.6	50.213	32.91	8.09	8.1	3.5	1.34
216	5/20/2007 22:01	14.56	50.241	32.93	8.02	8.09	2.9	1.38
217	5/20/2007 22:16	14.49	50.271	32.95	7.85	8.08	3.5	1.42
218	5/20/2007 22:31	14.4	50.278	32.95	7.74	8.05	3.9	1.47
219	5/20/2007 22:46	14.3	50.315	32.97	7.63	8.04	4.0	1.51
220	5/20/2007 23:01	14.19	50.32	32.97	7.48	8.02	5.2	1.57
221	5/20/2007 23:16	14.15	50.32	32.97	7.4	8.02	4.3	1.64
222	5/20/2007 23:31	14.05	50.349	32.99	7.33	8.01	4.3	1.70
223	5/20/2007 23:46	13.76	50.499	33.09	7.13	7.99	3.9	1.76
224	5/21/2007 00:01	13.45	50.611	33.16	6.99	7.96	4.4	1.83
225	5/21/2007 00:16	13.09	50.734	33.24	6.78	7.94	4.0	1.90
226	5/21/2007 00:31	12.9	50.768	33.26	6.67	7.93	3.9	1.97
227	5/21/2007 00:46	12.45	50.961	33.38	6.59	7.9	4.3	2.04
228	5/21/2007 01:01	12.25	50.993	33.39	6.57	7.9	4.1	2.10
229	5/21/2007 01:16	12.11	51.022	33.41	6.55	7.9	3.4	2.17
230	5/21/2007 01:31	11.85	51.117	33.46	6.59	7.89	3.1	2.25
231	5/21/2007 01:46	11.52	51.237	33.53	6.68	7.89	2.8	2.31
232	5/21/2007 02:01	11.29	51.295	33.56	6.72	7.89	2.7	2.37
233	5/21/2007 02:16	11.17	51.298	33.56	6.75	7.89	2.4	2.43
234	5/21/2007 02:31	11.04	51.344	33.58	6.78	7.9	2.5	2.47
235	5/21/2007 02:46	10.89	51.397	33.61	6.86	7.9	2.2	2.52
236	5/21/2007 03:01	10.77	51.441	33.64	6.9	7.89	2.1	2.55
237	5/21/2007 03:16	10.73	51.423	33.62	6.88	7.89	2.1	2.58
238	5/21/2007 03:31	10.71	51.415	33.62	6.82	7.9	1.8	2.58
239	5/21/2007 03:46	10.72	51.404	33.61	6.8	7.9	1.5	2.57

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
240	5/21/2007 04:01	10.72	51.399	33.6	6.79	7.9	1.7	2.56
241	5/21/2007 04:16	10.74	51.359	33.58	6.72	7.89	1.6	2.51
242	5/21/2007 04:31	10.93	51.199	33.47	6.71	7.89	4.4	2.44
243	5/21/2007 04:46	11.22	51.114	33.43	6.68	7.89	5.9	2.37
244	5/21/2007 05:01	11.2	51.146	33.45	6.38	7.89	3.0	2.28
245	5/21/2007 05:16	11.2	51.064	33.39	6.25	7.9	2.5	2.18
246	5/21/2007 05:31	11.23	50.998	33.34	6.23	7.91	2.6	2.08
247	5/21/2007 05:46	11.28	50.842	33.23	6.29	7.93	2.9	1.97
248	5/21/2007 06:01	11.35	50.71	33.14	6.44	7.95	2.9	1.86
249	5/21/2007 06:16	11.42	50.56	33.03	6.64	7.98	3.1	1.75
250	5/21/2007 06:31	11.55	50.406	32.93	6.81	8.02	3.6	1.64
251	5/21/2007 06:46	11.82	50.331	32.89	6.87	8.01	6.4	1.51
252	5/21/2007 07:01	12.24	50.095	32.74	6.89	8	7.9	1.38
253	5/21/2007 07:16	12.45	50.043	32.71	6.85	7.98	7.7	1.25
254	5/21/2007 07:31	12.4	50.061	32.72	6.68	7.99	6.6	1.12
255	5/21/2007 07:46	12.35	49.79	32.52	6.5	8	4.3	0.98
256	5/21/2007 08:01	12.47	49.629	32.41	6.48	8	4.2	0.85
257	5/21/2007 08:16	12.74	49.469	32.3	6.55	7.99	4.9	0.71
258	5/21/2007 08:31	12.71	49.408	32.26	6.45	7.99	4.8	0.57
259	5/21/2007 08:46	12.89	49.304	32.19	6.44	7.99	4.9	0.44
260	5/21/2007 09:01	13.01	49.28	32.18	6.47	7.98	5.2	0.33
261	5/21/2007 09:16	13.12	49.208	32.13	6.51	7.97	5.0	0.22
262	5/21/2007 09:31	13.23	49.176	32.11	6.52	7.97	5.7	0.13
263	5/21/2007 09:46	13.35	49.253	32.17	6.46	7.96	5.5	0.09
264	5/21/2007 10:01	13.49	49.195	32.13	6.4	7.95	5.4	0.06
265	5/21/2007 10:16	13.59	49.186	32.13	6.38	7.95	4.8	0.07
266	5/21/2007 10:31	13.66	49.219	32.15	6.33	7.95	5.4	0.12
267	5/21/2007 10:46	13.76	49.212	32.15	6.27	7.95	5.2	0.15
268	5/21/2007 11:01	13.92	49.187	32.14	6	7.93	4.4	0.21
269	5/21/2007 11:16	14.01	49.205	32.16	5.91	7.92	3.5	0.27
270	5/21/2007 11:31	14.13	49.226	32.17	5.87	7.92	3.6	0.32
271	5/21/2007 11:46	14.25	49.253	32.2	5.63	7.89	2.6	0.38
272	5/21/2007 12:01	14.35	49.378	32.29	5.58	7.88	1.8	0.44
273	5/21/2007 12:16	14.43	49.878	32.66	6.52	7.95	4.4	0.50
274	5/21/2007 12:31	14.54	49.985	32.74	7.14	7.99	6.9	0.58
275	5/21/2007 12:46	14.64	49.933	32.7	7.21	8	6.9	0.67
276	5/21/2007 13:01	14.61	49.945	32.71	7.18	7.99	7.9	0.73
277	5/21/2007 13:16	14.71	49.808	32.61	7.25	7.99	6.8	0.83
278	5/21/2007 13:31	14.75	49.803	32.61	7.28	7.99	7.8	0.93
279	5/21/2007 13:46	14.17	50.226	32.91	7.06	7.96	6.4	1.02
280	5/21/2007 14:01	13.98	50.253	32.92	6.99	7.95	7.2	1.11
281	5/21/2007 14:16	13.94	50.302	32.95	7.04	7.95	6.9	1.21
282	5/21/2007 14:31	13.85	50.39	33.02	7.04	7.94	6.6	1.32
283	5/21/2007 14:46	13.82	50.418	33.03	7.04	7.94	6.6	1.41
284	5/21/2007 15:01	13.82	50.438	33.05	7.04	7.94	6.8	1.49
285	5/21/2007 15:16	13.66	50.529	33.11	6.94	7.93	6.5	1.58
286	5/21/2007 15:31	13.59	50.517	33.1	6.84	7.91	6.9	1.66
287	5/21/2007 15:46	13.48	50.569	33.13	6.7	7.9	6.1	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
288	5/21/2007 16:01	13.38	50.628	33.17	6.56	7.88	6.5	1.78
289	5/21/2007 16:16	13.26	50.647	33.18	6.35	7.86	5.8	1.85
290	5/21/2007 16:31	13.13	50.654	33.18	6.2	7.84	5.4	1.91
291	5/21/2007 16:46	13.01	50.687	33.2	6.21	7.84	4.6	1.95
292	5/21/2007 17:01	12.85	50.773	33.26	6.29	7.84	4.3	2.00
293	5/21/2007 17:16	12.76	50.804	33.28	6.26	7.84	3.9	2.04
294	5/21/2007 17:31	12.67	50.833	33.29	6.24	7.83	3.3	2.06
295	5/21/2007 17:46	12.61	50.858	33.31	6.18	7.83	3.2	2.09
296	5/21/2007 18:01	12.58	50.866	33.31	6.15	7.82	2.9	2.08
297	5/21/2007 18:16	12.58	50.848	33.3	6.15	7.82	3.0	2.07
298	5/21/2007 18:31	12.58	50.829	33.29	6.13	7.83	2.7	2.05
299	5/21/2007 18:46	12.6	50.762	33.24	6.04	7.82	3.0	2.00
300	5/21/2007 19:01	12.79	50.541	33.09	5.98	7.83	3.7	1.94
301	5/21/2007 19:16	13.35	50.491	33.07	6.72	7.91	6.6	1.91
302	5/21/2007 19:31	13.53	50.638	33.18	6.77	7.93	4.6	1.84
303	5/21/2007 19:46	13.67	50.567	33.14	6.79	7.94	5.4	1.77
304	5/21/2007 20:01	13.68	50.528	33.11	6.79	7.91	3.9	1.72
305	5/21/2007 20:16	13.64	50.458	33.06	6.36	7.89	4.1	1.65
306	5/21/2007 20:31	13.63	50.445	33.05	6.48	7.9	4.0	1.59
307	5/21/2007 20:46	13.63	50.447	33.05	6.39	7.9	3.8	1.55
308	5/21/2007 21:01	13.65	50.456	33.06	6.41	7.9	3.9	1.49
309	5/21/2007 21:16	13.77	50.398	33.02	6.76	7.92	6.3	1.45
310	5/21/2007 21:31	13.92	50.366	33	6.97	7.93	7.2	1.41
311	5/21/2007 21:46	14.04	50.349	32.99	7.1	7.94	7.6	1.39
312	5/21/2007 22:01	14.12	50.341	32.99	7.08	7.94	7.0	1.36
313	5/21/2007 22:16	14.27	50.268	32.94	7.12	7.95	8.3	1.35
314	5/21/2007 22:31	14.28	50.316	32.97	7.13	7.95	7.6	1.34
315	5/21/2007 22:46	14.31	50.312	32.97	7.07	7.94	6.3	1.35
316	5/21/2007 23:01	14.32	50.317	32.98	7.04	7.94	6.1	1.37
317	5/21/2007 23:16	14.32	50.313	32.97	6.97	7.93	6.1	1.39
318	5/21/2007 23:31	14.25	50.344	32.99	7.03	7.94	7.4	1.43
319	5/21/2007 23:46	14.21	50.351	33	7.24	7.94	7.7	1.46
320	5/22/2007 00:01	14.16	50.364	33.01	7.27	7.94	8.3	1.51
321	5/22/2007 00:16	14.36	50.235	32.92	7.4	7.97	10.1	1.57
322	5/22/2007 00:31	14.36	50.234	32.92	7.39	7.97	8.6	1.61
323	5/22/2007 00:46	14.29	50.282	32.95	7.23	7.95	7.7	1.67
324	5/22/2007 01:01	14.14	50.383	33.02	7.32	7.95	7.4	1.73
325	5/22/2007 01:16	13.99	50.465	33.07	7.29	7.94	7.6	1.78
326	5/22/2007 01:31	13.78	50.574	33.15	7.25	7.93	6.5	1.83
327	5/22/2007 01:46	13.6	50.613	33.17	7.18	7.93	6.5	1.88
328	5/22/2007 02:01	13.22	50.797	33.29	7.11	7.91	5.0	1.94
329	5/22/2007 02:16	12.85	50.925	33.37	7.06	7.9	5.1	2.00
330	5/22/2007 02:31	12.53	51.044	33.44	7.04	7.9	4.5	2.05
331	5/22/2007 02:46	12.37	51.07	33.45	7.01	7.9	4.2	2.11
332	5/22/2007 03:01	12.2	51.132	33.49	6.99	7.89	4.1	2.16
333	5/22/2007 03:16	12.07	51.15	33.5	6.96	7.89	3.5	2.21
334	5/22/2007 03:31	11.96	51.187	33.52	6.93	7.89	3.5	2.25
335	5/22/2007 03:46	11.88	51.2	33.52	6.92	7.88	3.3	2.29

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
336	5/22/2007 04:01	11.82	51.202	33.52	6.87	7.88	2.9	2.32
337	5/22/2007 04:16	11.79	51.206	33.52	6.84	7.88	2.7	2.33
338	5/22/2007 04:31	11.77	51.21	33.53	6.79	7.88	2.5	2.33
339	5/22/2007 04:46	11.77	51.205	33.52	6.63	7.87	4.4	2.32
340	5/22/2007 05:01	11.78	51.194	33.51	6.66	7.87	2.1	2.29
341	5/22/2007 05:16	11.96	51.004	33.39	6.51	7.86	2.7	2.25
342	5/22/2007 05:31	12.11	50.999	33.39	6.43	7.86	3.5	2.18
343	5/22/2007 05:46	12.25	50.954	33.36	6.5	7.86	4.3	2.11
344	5/22/2007 06:01	12.37	50.844	33.29	6.49	7.87	5.2	2.04
345	5/22/2007 06:16	12.46	50.721	33.2	6.53	7.88	5.2	1.95
346	5/22/2007 06:31	12.47	50.611	33.12	6.62	7.92	4.3	1.86
347	5/22/2007 06:46	12.57	50.503	33.05	6.61	7.92	5.5	1.77
348	5/22/2007 07:01	12.74	50.364	32.95	6.43	7.91	5.4	1.68
349	5/22/2007 07:16	12.73	50.352	32.95	6.52	7.93	5.5	1.57
350	5/22/2007 07:31	12.91	50.388	32.98	6.4	7.9	16.8	1.49
351	5/22/2007 07:46	13.02	50.344	32.95	6.49	7.9	8.5	1.37
352	5/22/2007 08:01	13.23	50.325	32.95	6.52	7.9	7.6	1.25
353	5/22/2007 08:16	13.24	50.221	32.87	6.62	7.91	7.7	1.14
354	5/22/2007 08:31	13.24	50.144	32.81	6.52	7.92	6.6	1.04
355	5/22/2007 08:46	13.21	49.952	32.67	6.27	7.92	4.3	0.91
356	5/22/2007 09:01	13.26	49.944	32.67	6.28	7.92	4.2	0.80
357	5/22/2007 09:16	13.43	49.896	32.64	6.27	7.92	4.7	0.68
358	5/22/2007 09:31	13.46	49.902	32.65	6.17	7.91	3.9	0.58
359	5/22/2007 09:46	13.59	49.79	32.57	6.06	7.89	4.1	0.47
360	5/22/2007 10:01	13.75	49.555	32.4	6.17	7.86	4.7	0.38
361	5/22/2007 10:16	14	49.659	32.49	6.39	7.88	5.4	0.33
362	5/22/2007 10:31	14.03	49.661	32.49	6.28	7.87	4.9	0.29
363	5/22/2007 10:46	14.05	49.665	32.49	6.2	7.86	4.4	0.24
364	5/22/2007 11:01	14.12	49.664	32.49	6.16	7.86	4.5	0.25
365	5/22/2007 11:16	14.19	49.697	32.52	6.1	7.86	4.4	0.25
366	5/22/2007 11:31	14.26	49.703	32.53	6.09	7.86	4.4	0.27
367	5/22/2007 11:46	14.31	49.719	32.54	6.11	7.86	4.6	0.31
368	5/22/2007 12:01	14.36	49.738	32.55	6.04	7.86	5.3	0.36
369	5/22/2007 12:16	14.49	49.882	32.66	5.97	7.88	4.1	0.40
370	5/22/2007 12:31	14.48	50.163	32.87	6.69	7.95	10.8	0.45
371	5/22/2007 12:46	14.51	50.234	32.92	6.82	7.97	9.1	0.51
372	5/22/2007 13:01	14.55	50.279	32.96	6.93	7.98	7.9	0.59
373	5/22/2007 13:16	14.61	50.22	32.91	6.92	7.98	8.8	0.64
374	5/22/2007 13:31	14.79	50.145	32.86	6.96	7.99	9.1	0.72
375	5/22/2007 13:46	14.83	50.04	32.79	7.02	8	10.1	0.79
376	5/22/2007 14:01	14.83	49.983	32.75	6.97	7.99	8.3	0.88
377	5/22/2007 14:16	14.85	49.975	32.74	6.94	7.98	8.0	0.96
378	5/22/2007 14:31	14.9	49.984	32.75	6.98	7.97	7.1	1.05
379	5/22/2007 14:46	14.8	50.136	32.86	6.95	7.96	6.8	1.14
380	5/22/2007 15:01	14.1	50.469	33.08	6.72	7.92	8.2	1.23
381	5/22/2007 15:16	14	50.466	33.08	6.79	7.91	7.3	1.32
382	5/22/2007 15:31	13.8	50.59	33.16	6.74	7.91	7.0	1.40
383	5/22/2007 15:46	13.77	50.577	33.15	6.76	7.91	6.3	1.48

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
384	5/22/2007 16:01	13.68	50.636	33.19	6.71	7.9	6.8	1.57
385	5/22/2007 16:16	13.61	50.671	33.21	6.69	7.9	6.5	1.63
386	5/22/2007 16:31	13.55	50.707	33.24	6.66	7.89	6.4	1.70
387	5/22/2007 16:46	13.47	50.744	33.26	6.63	7.89	6.0	1.77
388	5/22/2007 17:01	13.34	50.794	33.29	6.58	7.88	5.4	1.82
389	5/22/2007 17:16	13.23	50.807	33.3	6.47	7.87	5.0	1.88
390	5/22/2007 17:31	13.19	50.8	33.29	6.38	7.85	4.5	1.93
391	5/22/2007 17:46	13.13	50.816	33.3	6.45	7.85	3.8	1.98
392	5/22/2007 18:01	13.04	50.872	33.34	6.54	7.85	4.2	2.01
393	5/22/2007 18:16	13.01	50.876	33.34	6.54	7.85	3.5	2.04
394	5/22/2007 18:31	12.96	50.901	33.36	6.52	7.85	3.3	2.06
395	5/22/2007 18:46	12.92	50.912	33.36	6.44	7.84	2.4	2.08
396	5/22/2007 19:01	12.88	50.92	33.37	6.4	7.84	2.0	2.08
397	5/22/2007 19:16	12.87	50.917	33.36	6.4	7.84	2.3	2.06
398	5/22/2007 19:31	12.87	50.887	33.34	6.38	7.84	2.4	2.03
399	5/22/2007 19:46	12.92	50.776	33.26	6.14	7.83	3.9	1.97
400	5/22/2007 20:01	13.14	50.688	33.21	6.71	7.89	4.9	1.94
401	5/22/2007 20:16	13.53	50.648	33.19	7.06	7.94	5.4	1.89
402	5/22/2007 20:31	13.75	50.685	33.23	6.75	7.93	4.6	1.81
403	5/22/2007 20:46	13.78	50.579	33.15	6.68	7.93	4.3	1.75
404	5/22/2007 21:01	13.75	50.641	33.19	6.24	7.87	3.6	1.69
405	5/22/2007 21:16	13.73	50.649	33.2	6.1	7.87	3.9	1.63
406	5/22/2007 21:31	13.72	50.624	33.18	6.05	7.87	3.9	1.56
407	5/22/2007 21:46	13.72	50.615	33.18	6.08	7.88	4.2	1.51
408	5/22/2007 22:01	13.75	50.584	33.15	6.06	7.88	4.3	1.46
409	5/22/2007 22:16	13.9	50.507	33.1	6.48	7.9	7.6	1.41
410	5/22/2007 22:31	14.1	50.436	33.06	6.6	7.91	8.8	1.38
411	5/22/2007 22:46	14.19	50.455	33.07	6.69	7.91	8.8	1.33
412	5/22/2007 23:01	14.25	50.456	33.08	6.71	7.91	8.5	1.32
413	5/22/2007 23:16	14.38	50.379	33.02	6.67	7.91	8.2	1.30
414	5/22/2007 23:31	14.43	50.319	32.98	6.65	7.91	7.2	1.28
415	5/22/2007 23:46	14.46	50.346	33	6.58	7.91	6.6	1.28
416	5/23/2007 00:01	14.48	50.349	33	6.53	7.9	5.8	1.28
417	5/23/2007 00:16	14.47	50.355	33.01	6.49	7.9	5.5	1.30
418	5/23/2007 00:31	14.43	50.387	33.03	6.27	7.89	5.3	1.32
419	5/23/2007 00:46	14.4	50.388	33.03	6.28	7.88	4.4	1.34
420	5/23/2007 01:01	14.29	50.443	33.07	6.36	7.88	4.6	1.39
421	5/23/2007 01:16	14.21	50.486	33.1	6.52	7.89	6.1	1.42
422	5/23/2007 01:31	14.18	50.465	33.08	6.97	7.93	9.4	1.47
423	5/23/2007 01:46	14.19	50.444	33.07	6.99	7.93	9.1	1.52
424	5/23/2007 02:01	14.18	50.446	33.07	6.98	7.93	7.7	1.57
425	5/23/2007 02:16	14.15	50.456	33.07	6.89	7.93	6.2	1.61
426	5/23/2007 02:31	14.06	50.56	33.15	6.88	7.92	5.4	1.67
427	5/23/2007 02:46	13.99	50.615	33.18	6.86	7.92	5.8	1.72
428	5/23/2007 03:01	13.89	50.669	33.22	6.78	7.91	4.7	1.76
429	5/23/2007 03:16	13.66	50.792	33.3	6.75	7.91	4.4	1.81
430	5/23/2007 03:31	13.39	50.928	33.39	6.72	7.9	3.8	1.86
431	5/23/2007 03:46	13.18	50.982	33.42	6.7	7.89	3.6	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
432	5/23/2007 04:01	12.99	51.044	33.46	6.76	7.89	3.5	1.95
433	5/23/2007 04:16	12.86	51.071	33.48	6.74	7.89	3.2	1.99
434	5/23/2007 04:31	12.76	51.094	33.49	6.75	7.88	3.5	2.03
435	5/23/2007 04:46	12.7	51.106	33.49	6.7	7.88	2.6	2.06
436	5/23/2007 05:01	12.63	51.107	33.49	6.63	7.87	2.4	2.08
437	5/23/2007 05:16	12.54	51.141	33.51	6.59	7.87	2.2	2.11
438	5/23/2007 05:31	12.46	51.162	33.52	6.44	7.86	1.6	2.13
439	5/23/2007 05:46	12.45	51.156	33.52	6.51	7.86	1.5	2.11
440	5/23/2007 06:01	12.44	51.121	33.49	6.5	7.87	1.9	2.08
441	5/23/2007 06:16	12.42	51.096	33.47	6.48	7.86	1.9	2.06
442	5/23/2007 06:31	12.57	50.84	33.29	6.39	7.86	5.0	1.99
443	5/23/2007 06:46	12.77	50.961	33.39	6.34	7.86	4.8	1.95
444	5/23/2007 07:01	12.81	50.861	33.32	6.21	7.87	3.9	1.87
445	5/23/2007 07:16	12.82	50.74	33.23	6.05	7.89	3.7	1.79
446	5/23/2007 07:31	12.86	50.643	33.16	6.11	7.89	3.9	1.72
447	5/23/2007 07:46	12.94	50.644	33.17	6.06	7.87	8.9	1.64
448	5/23/2007 08:01	12.97	50.525	33.08	5.99	7.89	5.8	1.55
449	5/23/2007 08:16	13.02	50.491	33.06	5.89	7.88	5.5	1.46
450	5/23/2007 08:31	13.07	50.473	33.05	5.82	7.88	4.8	1.38
451	5/23/2007 08:46	13.15	50.472	33.05	5.77	7.88	4.6	1.29
452	5/23/2007 09:01	13.28	50.33	32.95	5.68	7.87	5.0	1.19
453	5/23/2007 09:16	13.32	50.152	32.82	5.82	7.88	4.6	1.09
454	5/23/2007 09:31	13.41	50.143	32.82	5.81	7.88	4.4	1.00
455	5/23/2007 09:46	13.51	50.155	32.83	5.8	7.87	4.4	0.91
456	5/23/2007 10:01	13.65	50.127	32.82	5.79	7.87	4.0	0.82
457	5/23/2007 10:16	13.78	50.144	32.83	5.75	7.86	4.3	0.72
458	5/23/2007 10:31	13.89	50.141	32.83	5.72	7.86	3.4	0.66
459	5/23/2007 10:46	14.04	50.136	32.84	5.7	7.86	4.1	0.59
460	5/23/2007 11:01	14.32	50.119	32.83	6.12	7.88	6.8	0.52
461	5/23/2007 11:16	14.64	50.216	32.91	6.46	7.93	5.6	0.47
462	5/23/2007 11:31	14.61	50.219	32.91	6.38	7.91	4.8	0.44
463	5/23/2007 11:46	14.7	50.205	32.9	6.25	7.9	4.5	0.42
464	5/23/2007 12:01	14.86	50.199	32.9	6.26	7.91	3.9	0.42
465	5/23/2007 12:16	14.97	50.241	32.94	6.37	7.92	3.0	0.44
466	5/23/2007 12:31	15.06	50.241	32.94	6.35	7.92	2.7	0.45
467	5/23/2007 12:46	15.14	50.289	32.98	6.43	7.93	2.4	0.48
468	5/23/2007 13:01	15.16	50.445	33.09	7.08	7.98	6.0	0.54
469	5/23/2007 13:16	15.11	50.505	33.14	7.14	7.98	6.3	0.58
470	5/23/2007 13:31	14.96	50.52	33.14	7.01	7.97	6.9	0.62
471	5/23/2007 13:46	14.93	50.477	33.11	6.9	7.96	12.3	0.69
472	5/23/2007 14:01	15.29	50.243	32.95	7	7.98	9.4	0.74
473	5/23/2007 14:16	15.26	50.098	32.84	7	8	9.1	0.81
474	5/23/2007 14:31	15.24	50.027	32.79	6.97	8	7.7	0.86
475	5/23/2007 14:46	15.19	50.105	32.84	6.9	7.98	7.7	0.94
476	5/23/2007 15:01	15.03	50.32	33	6.88	7.96	7.9	1.03
477	5/23/2007 15:16	14.82	50.482	33.11	6.8	7.95	8.6	1.10
478	5/23/2007 15:31	14.51	50.561	33.16	6.62	7.93	8.5	1.18
479	5/23/2007 15:46	14.37	50.571	33.16	6.59	7.91	11.1	1.27

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
480	5/23/2007 16:01	14.16	50.672	33.23	6.63	7.91	9.9	1.35
481	5/23/2007 16:16	14	50.726	33.27	6.67	7.9	11.1	1.43
482	5/23/2007 16:31	13.94	50.723	33.26	6.65	7.9	8.7	1.51
483	5/23/2007 16:46	13.95	50.732	33.27	6.69	7.9	8.2	1.59
484	5/23/2007 17:01	13.87	50.808	33.32	6.68	7.9	7.1	1.65
485	5/23/2007 17:16	13.83	50.807	33.32	6.68	7.9	7.6	1.72
486	5/23/2007 17:31	13.8	50.838	33.34	6.63	7.89	6.5	1.79
487	5/23/2007 17:46	13.63	50.933	33.4	6.69	7.88	5.8	1.85
488	5/23/2007 18:01	13.38	50.998	33.44	6.78	7.88	5.2	1.91
489	5/23/2007 18:16	13.3	50.978	33.43	6.82	7.88	4.7	1.96
490	5/23/2007 18:31	13.21	51.018	33.45	6.98	7.88	4.2	2.02
491	5/23/2007 18:46	13.11	51.076	33.49	7.02	7.88	3.5	2.06
492	5/23/2007 19:01	13.01	51.116	33.51	7.01	7.88	3.2	2.09
493	5/23/2007 19:16	12.9	51.158	33.54	6.98	7.88	2.9	2.13
494	5/23/2007 19:31	12.85	51.159	33.54	6.93	7.87	2.7	2.13
495	5/23/2007 19:46	12.8	51.162	33.54	6.9	7.87	2.3	2.13
496	5/23/2007 20:01	12.75	51.173	33.55	6.87	7.87	2.4	2.12
497	5/23/2007 20:16	12.77	51.119	33.51	6.8	7.87	2.2	2.09
498	5/23/2007 20:31	12.76	51.061	33.46	6.7	7.86	2.1	2.04
499	5/23/2007 20:46	13.09	50.826	33.31	6.69	7.87	3.6	1.99
500	5/23/2007 21:01	13.53	50.949	33.41	6.59	7.91	4.1	1.94
501	5/23/2007 21:16	13.59	50.921	33.39	6.46	7.88	4.3	1.87
502	5/23/2007 21:31	13.8	50.894	33.38	6.37	7.89	4.4	1.80
503	5/23/2007 21:46	13.97	50.838	33.35	6.43	7.9	4.6	1.75
504	5/23/2007 22:01	14.08	50.622	33.19	6.37	7.89	5.0	1.68
505	5/23/2007 22:16	14.05	50.726	33.27	6.01	7.87	4.6	1.62
506	5/23/2007 22:31	14.14	50.738	33.28	5.95	7.88	4.2	1.55
507	5/23/2007 22:46	14.36	50.62	33.2	5.93	7.89	5.0	1.50
508	5/23/2007 23:01	14.37	50.766	33.31	6.01	7.88	4.2	1.45
509	5/23/2007 23:16	14.5	50.718	33.27	6.22	7.9	5.4	1.38
510	5/23/2007 23:31	14.63	50.662	33.24	6.43	7.91	5.1	1.35
511	5/23/2007 23:46	14.72	50.662	33.24	6.16	7.91	4.7	1.29
512	5/24/2007 00:01	14.77	50.673	33.25	6.1	7.89	4.9	1.24
513	5/24/2007 00:16	14.88	50.561	33.17	6.06	7.9	4.1	1.22
514	5/24/2007 00:31	14.94	50.529	33.15	6.04	7.89	4.7	1.19
515	5/24/2007 00:46	14.99	50.453	33.09	5.88	7.89	4.9	1.16
516	5/24/2007 01:01	15.08	50.509	33.14	6.13	7.9	4.6	1.16
517	5/24/2007 01:16	15.16	50.456	33.1	6.2	7.91	3.4	1.16
518	5/24/2007 01:31	15.15	50.507	33.14	6.15	7.91	4.6	1.17
519	5/24/2007 01:46	15.18	50.51	33.14	6.46	7.96	5.7	1.20
520	5/24/2007 02:01	15.17	50.543	33.16	6.79	7.96	5.8	1.24
521	5/24/2007 02:16	15.12	50.565	33.18	6.8	7.97	5.0	1.28
522	5/24/2007 02:31	15.01	50.59	33.19	6.94	7.96	5.3	1.33
523	5/24/2007 02:46	14.89	50.587	33.19	6.94	7.96	8.3	1.38
524	5/24/2007 03:01	14.87	50.544	33.16	6.92	7.96	8.0	1.43
525	5/24/2007 03:16	14.85	50.547	33.16	6.87	7.95	5.9	1.48
526	5/24/2007 03:31	14.73	50.586	33.18	6.72	7.93	5.6	1.52
527	5/24/2007 03:46	14.52	50.701	33.26	6.75	7.92	5.0	1.58

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
528	5/24/2007 04:01	14.37	50.745	33.29	6.74	7.91	5.7	1.62
529	5/24/2007 04:16	14.17	50.841	33.36	6.78	7.91	5.3	1.66
530	5/24/2007 04:31	13.96	50.904	33.39	6.82	7.9	4.5	1.71
531	5/24/2007 04:46	13.79	50.932	33.41	6.8	7.9	4.3	1.75
532	5/24/2007 05:01	13.61	50.989	33.44	6.78	7.89	3.8	1.79
533	5/24/2007 05:16	13.45	51.032	33.47	6.79	7.89	3.8	1.83
534	5/24/2007 05:31	13.33	51.06	33.49	6.81	7.88	3.4	1.86
535	5/24/2007 05:46	13.27	51.054	33.48	6.81	7.88	3.2	1.89
536	5/24/2007 06:01	13.17	51.079	33.49	6.7	7.88	2.4	1.92
537	5/24/2007 06:16	13.1	51.1	33.51	6.65	7.87	2.4	1.94
538	5/24/2007 06:31	13.08	51.09	33.5	6.64	7.87	2.2	1.94
539	5/24/2007 06:46	13.07	51.079	33.49	6.63	7.87	2.2	1.95
540	5/24/2007 07:01	13.06	51.074	33.49	6.59	7.86	2.2	1.95
541	5/24/2007 07:16	13.06	51.076	33.49	6.58	7.87	2.0	1.92
542	5/24/2007 07:31	13.06	51.05	33.47	6.52	7.86	1.8	1.89
543	5/24/2007 07:46	13.06	50.99	33.42	6.31	7.85	2.2	1.85
544	5/24/2007 08:01	13.12	50.916	33.37	6.14	7.86	3.0	1.80
545	5/24/2007 08:16	13.38	50.899	33.37	5.97	7.87	3.8	1.74
546	5/24/2007 08:31	13.59	50.735	33.26	5.85	7.88	3.6	1.67
547	5/24/2007 08:46	13.75	50.647	33.2	5.84	7.87	5.2	1.61
548	5/24/2007 09:01	13.68	50.574	33.14	5.86	7.91	3.9	1.52
549	5/24/2007 09:16	13.71	50.545	33.12	5.87	7.91	4.5	1.47
550	5/24/2007 09:31	13.94	50.573	33.15	6.04	7.89	22.9	1.38
551	5/24/2007 09:46	13.96	50.526	33.12	5.93	7.89	7.4	1.30
552	5/24/2007 10:01	13.98	50.429	33.05	5.52	7.89	5.2	1.23
553	5/24/2007 10:16	14.26	50.34	32.99	6.03	7.89	7.1	1.14
554	5/24/2007 10:31	14.41	50.31	32.97	5.83	7.89	5.4	1.07
555	5/24/2007 10:46	14.38	50.361	33.01	5.31	7.88	4.5	0.98
556	5/24/2007 11:01	14.53	50.273	32.95	5.31	7.87	4.3	0.91
557	5/24/2007 11:16	14.63	50.107	32.83	5.42	7.87	4.3	0.86
558	5/24/2007 11:31	14.73	50.114	32.84	5.58	7.87	4.6	0.78
559	5/24/2007 11:46	14.95	50.131	32.86	5.5	7.86	4.1	0.74
560	5/24/2007 12:01	15.31	50.141	32.87	5.99	7.9	3.9	0.70
561	5/24/2007 12:16	15.44	50.255	32.96	6.19	7.93	4.5	0.67
562	5/24/2007 12:31	15.54	50.238	32.95	6.1	7.91	2.9	0.65
563	5/24/2007 12:46	15.57	50.247	32.96	5.97	7.9	3.0	0.63
564	5/24/2007 13:01	15.63	50.27	32.97	5.97	7.9	2.8	0.64
565	5/24/2007 13:16	15.65	50.287	32.99	5.93	7.9	2.9	0.64
566	5/24/2007 13:31	15.68	50.29	32.99	5.89	7.89	2.5	0.66
567	5/24/2007 13:46	15.74	50.274	32.98	5.65	7.87	1.5	0.69
568	5/24/2007 14:01	15.88	50.334	33.03	6.44	7.93	4.6	0.72
569	5/24/2007 14:16	15.89	50.471	33.13	6.9	7.96	5.4	0.77
570	5/24/2007 14:31	15.76	50.5	33.14	7.07	7.97	11.0	0.83
571	5/24/2007 14:46	16	50.464	33.12	7.17	7.98	10.4	0.87
572	5/24/2007 15:01	16.33	50.389	33.07	7.12	7.99	7.7	0.93
573	5/24/2007 15:16	16.26	50.266	32.98	7.09	8	8.8	1.00
574	5/24/2007 15:31	16.27	50.19	32.93	7.07	8	8.8	1.07
575	5/24/2007 15:46	16.2	50.281	32.99	6.97	7.98	7.0	1.15

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
576	5/24/2007 16:01	15.61	50.663	33.26	6.83	7.95	6.8	1.22
577	5/24/2007 16:16	14.96	50.641	33.23	6.6	7.91	8.8	1.30
578	5/24/2007 16:31	14.74	50.663	33.24	6.56	7.89	8.5	1.38
579	5/24/2007 16:46	14.53	50.736	33.29	6.59	7.89	8.0	1.46
580	5/24/2007 17:01	14.32	50.777	33.31	6.66	7.89	7.5	1.53
581	5/24/2007 17:16	14.29	50.771	33.31	6.69	7.89	8.7	1.60
582	5/24/2007 17:31	14.16	50.82	33.34	6.75	7.89	7.9	1.68
583	5/24/2007 17:46	14.07	50.843	33.35	6.77	7.89	9.7	1.74
584	5/24/2007 18:01	14.03	50.853	33.36	6.77	7.89	6.8	1.81
585	5/24/2007 18:16	13.92	50.9	33.39	6.72	7.88	6.3	1.88
586	5/24/2007 18:31	13.56	51.017	33.46	6.83	7.87	5.5	1.95
587	5/24/2007 18:46	13.33	51.03	33.46	6.98	7.88	4.9	2.01
588	5/24/2007 19:01	13.24	51.031	33.46	7.05	7.88	4.6	2.07
589	5/24/2007 19:16	13.12	51.093	33.5	7.1	7.88	4.0	2.12
590	5/24/2007 19:31	13.03	51.121	33.52	7.11	7.88	3.9	2.17
591	5/24/2007 19:46	12.96	51.137	33.53	7.1	7.88	3.5	2.21
592	5/24/2007 20:01	12.86	51.171	33.55	7.01	7.87	2.7	2.24
593	5/24/2007 20:16	12.78	51.192	33.56	6.96	7.87	2.9	2.25
594	5/24/2007 20:31	12.66	51.226	33.58	6.89	7.86	2.4	2.25
595	5/24/2007 20:46	12.67	51.188	33.55	6.86	7.87	2.1	2.23
596	5/24/2007 21:01	12.66	51.169	33.54	6.83	7.87	2.1	2.20
597	5/24/2007 21:16	12.66	51.104	33.49	6.77	7.86	1.8	2.16
598	5/24/2007 21:31	12.85	50.942	33.38	6.53	7.86	2.9	2.09
599	5/24/2007 21:46	13.38	50.794	33.29	6.67	7.88	4.5	2.05
600	5/24/2007 22:01	13.61	50.812	33.32	6.6	7.9	4.8	1.96
601	5/24/2007 22:16	13.73	50.918	33.4	6.5	7.89	4.2	1.89
602	5/24/2007 22:31	13.89	50.854	33.36	6.36	7.88	4.1	1.82
603	5/24/2007 22:46	13.97	50.695	33.24	6.13	7.87	5.4	1.75
604	5/24/2007 23:01	13.97	50.7	33.25	6.32	7.89	5.2	1.67
605	5/24/2007 23:16	14.28	50.487	33.1	6.12	7.88	6.6	1.60
606	5/24/2007 23:31	14.35	50.637	33.21	6.61	7.91	4.9	1.54
607	5/24/2007 23:46	14.69	50.318	32.99	6.51	7.93	6.3	1.47
608	5/25/2007 00:01	14.78	50.465	33.1	6.52	7.93	5.5	1.40
609	5/25/2007 00:16	15.13	50.079	32.82	6.56	7.94	6.6	1.33
610	5/25/2007 00:31	15.24	50.175	32.9	6.28	7.93	6.1	1.26
611	5/25/2007 00:46	15.43	50.065	32.82	5.96	7.89	6.0	1.20
612	5/25/2007 01:01	15.51	49.768	32.6	6.08	7.92	5.6	1.16
613	5/25/2007 01:16	15.25	50.164	32.89	5.76	7.89	4.7	1.11
614	5/25/2007 01:31	15.5	50.173	32.9	5.64	7.89	4.5	1.07
615	5/25/2007 01:46	15.56	50.174	32.9	5.64	7.87	4.4	1.05
616	5/25/2007 02:01	15.65	50.184	32.91	5.58	7.87	4.1	1.04
617	5/25/2007 02:16	15.75	50.228	32.95	5.5	7.87	3.9	1.04
618	5/25/2007 02:31	15.78	50.253	32.96	5.46	7.86	3.8	1.05
619	5/25/2007 02:46	15.8	50.25	32.96	5.37	7.86	2.2	1.08
620	5/25/2007 03:01	15.93	50.239	32.96	6	7.9	5.2	1.12
621	5/25/2007 03:16	16.04	50.404	33.08	6.76	7.99	5.8	1.15
622	5/25/2007 03:31	15.96	50.592	33.22	7.05	8	7.2	1.21
623	5/25/2007 03:46	15.77	50.674	33.27	7.02	7.99	8.8	1.26

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
624	5/25/2007 04:01	15.76	50.578	33.2	6.92	7.98	8.0	1.31
625	5/25/2007 04:16	15.71	50.577	33.2	6.88	7.97	7.4	1.35
626	5/25/2007 04:31	15.6	50.593	33.21	6.75	7.95	6.8	1.42
627	5/25/2007 04:46	15.46	50.597	33.21	6.69	7.94	7.2	1.46
628	5/25/2007 05:01	15.37	50.615	33.22	6.57	7.94	7.6	1.50
629	5/25/2007 05:16	15.1	50.733	33.3	6.43	7.91	6.8	1.55
630	5/25/2007 05:31	14.83	50.743	33.3	6.44	7.9	6.7	1.59
631	5/25/2007 05:46	14.65	50.803	33.34	6.42	7.88	5.9	1.63
632	5/25/2007 06:01	14.44	50.851	33.37	6.41	7.88	4.9	1.67
633	5/25/2007 06:16	14.3	50.868	33.38	6.38	7.87	4.7	1.71
634	5/25/2007 06:31	14.16	50.89	33.39	6.46	7.87	4.3	1.74
635	5/25/2007 06:46	14.01	50.928	33.41	6.47	7.87	4.2	1.78
636	5/25/2007 07:01	13.93	50.934	33.42	6.49	7.87	4.0	1.81
637	5/25/2007 07:16	13.84	50.95	33.42	6.51	7.87	4.0	1.84
638	5/25/2007 07:31	13.82	50.936	33.41	6.42	7.87	3.6	1.86
639	5/25/2007 07:46	13.76	50.953	33.42	6.41	7.86	3.5	1.88
640	5/25/2007 08:01	13.74	50.961	33.43	6.37	7.86	3.2	1.89
641	5/25/2007 08:16	13.73	50.949	33.42	6.35	7.86	3.0	1.89
642	5/25/2007 08:31	13.73	50.954	33.42	6.31	7.86	3.0	1.87
643	5/25/2007 08:46	13.71	50.947	33.42	6.28	7.85	2.9	1.85
644	5/25/2007 09:01	13.71	50.91	33.39	6.09	7.84	2.7	1.81
645	5/25/2007 09:16	13.71	50.868	33.36	5.75	7.82	2.7	1.76
646	5/25/2007 09:31	13.87	50.777	33.3	5.58	7.84	4.1	1.71
647	5/25/2007 09:46	14.07	50.727	33.27	5.74	7.85	4.3	1.64
648	5/25/2007 10:01	14.32	50.54	33.14	5.66	7.86	4.7	1.58
649	5/25/2007 10:16	14.3	50.608	33.19	5.42	7.89	4.4	1.51
650	5/25/2007 10:31	14.37	50.583	33.17	5.64	7.91	5.0	1.44
651	5/25/2007 10:46	14.44	50.582	33.17	5.62	7.91	4.6	1.37
652	5/25/2007 11:01	14.54	50.562	33.16	5.59	7.91	4.6	1.30
653	5/25/2007 11:16	14.64	50.557	33.16	5.5	7.9	4.7	1.24
654	5/25/2007 11:31	14.73	50.464	33.1	5.24	7.88	4.4	1.16
655	5/25/2007 11:46	14.77	50.259	32.95	5.07	7.84	4.4	1.09
656	5/25/2007 12:01	14.79	50.284	32.97	5.05	7.83	4.5	1.04
657	5/25/2007 12:16	14.89	50.265	32.95	5.03	7.83	4.4	0.98
658	5/25/2007 12:31	14.99	50.268	32.96	4.93	7.82	4.4	0.92
659	5/25/2007 12:46	15.14	50.226	32.93	4.98	7.82	4.4	0.86
660	5/25/2007 13:01	15.29	50.225	32.93	5.25	7.85	4.4	0.84
661	5/25/2007 13:16	15.34	50.241	32.95	5	7.82	4.1	0.80
662	5/25/2007 13:31	15.56	50.239	32.95	5.24	7.84	4.3	0.79
663	5/25/2007 13:46	15.61	50.251	32.96	5.17	7.83	4.0	0.79
664	5/25/2007 14:01	15.74	50.279	32.98	5.31	7.86	3.6	0.80
665	5/25/2007 14:16	15.79	50.335	33.02	5.39	7.86	3.2	0.82
666	5/25/2007 14:31	15.84	50.363	33.05	5.46	7.87	2.9	0.85
667	5/25/2007 14:46	15.94	50.418	33.09	6.13	7.88	5.6	0.89
668	5/25/2007 15:01	15.98	50.567	33.2	6.63	7.96	6.4	0.94
669	5/25/2007 15:16	15.95	50.609	33.23	6.65	7.95	7.6	0.98
670	5/25/2007 15:31	15.87	50.657	33.26	6.64	7.95	7.8	1.03
671	5/25/2007 15:46	15.76	50.666	33.27	6.65	7.94	9.3	1.10

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
672	5/25/2007 16:01	15.86	50.597	33.22	6.63	7.94	8.7	1.17
673	5/25/2007 16:16	16.03	50.463	33.12	6.68	7.95	8.7	1.22
674	5/25/2007 16:31	16.13	50.459	33.12	6.67	7.95	9.1	1.29
675	5/25/2007 16:46	16	50.567	33.2	6.59	7.93	7.2	1.37
676	5/25/2007 17:01	15.57	50.697	33.29	6.46	7.91	7.9	1.43
677	5/25/2007 17:16	15.12	50.764	33.32	6.4	7.9	8.2	1.50
678	5/25/2007 17:31	14.86	50.781	33.33	6.38	7.88	7.2	1.57
679	5/25/2007 17:46	14.47	50.91	33.41	6.46	7.88	8.3	1.64
680	5/25/2007 18:01	14.23	50.909	33.41	6.53	7.87	7.5	1.71
681	5/25/2007 18:16	14.18	50.889	33.39	6.59	7.88	6.5	1.78
682	5/25/2007 18:31	14.04	50.947	33.43	6.63	7.87	9.5	1.85
683	5/25/2007 18:46	13.92	50.977	33.45	6.62	7.87	7.2	1.92
684	5/25/2007 19:01	13.76	51.049	33.49	6.56	7.86	6.3	1.99
685	5/25/2007 19:16	13.42	51.121	33.53	6.55	7.85	5.0	2.06
686	5/25/2007 19:31	13.21	51.098	33.51	6.59	7.85	4.4	2.11
687	5/25/2007 19:46	13.04	51.127	33.52	6.64	7.85	3.9	2.18
688	5/25/2007 20:01	12.88	51.177	33.55	6.66	7.85	3.6	2.24
689	5/25/2007 20:16	12.8	51.194	33.56	6.62	7.84	3.4	2.27
690	5/25/2007 20:31	12.68	51.234	33.59	6.58	7.84	3.2	2.32
691	5/25/2007 20:46	12.62	51.244	33.59	6.53	7.84	2.9	2.34
692	5/25/2007 21:01	12.59	51.244	33.59	6.44	7.83	2.5	2.35
693	5/25/2007 21:16	12.56	51.241	33.59	6.41	7.83	2.5	2.34
694	5/25/2007 21:31	12.54	51.235	33.58	6.38	7.83	2.3	2.32
695	5/25/2007 21:46	12.52	51.194	33.55	6.31	7.82	2.2	2.28
696	5/25/2007 22:01	12.5	51.129	33.5	6.08	7.81	1.9	2.22
697	5/25/2007 22:16	13.01	50.865	33.33	6.3	7.85	5.2	2.15
698	5/25/2007 22:31	13.31	50.909	33.38	6.3	7.87	5.8	2.08
699	5/25/2007 22:46	13.36	50.905	33.37	5.93	7.84	3.6	2.00
700	5/25/2007 23:01	13.31	50.948	33.4	5.72	7.84	3.4	1.92
701	5/25/2007 23:16	13.33	50.932	33.39	5.68	7.84	3.6	1.83
702	5/25/2007 23:31	13.42	50.826	33.32	5.74	7.85	5.0	1.75
703	5/25/2007 23:46	13.53	50.803	33.31	5.7	7.85	5.1	1.67
704	5/26/2007 00:01	13.7	50.688	33.23	5.9	7.86	6.8	1.58
705	5/26/2007 00:16	14.08	50.478	33.09	5.88	7.87	7.4	1.51
706	5/26/2007 00:31	14.29	50.362	33.01	6.25	7.89	8.2	1.43
707	5/26/2007 00:46	14.68	50.562	33.17	6.35	7.93	8.0	1.33
708	5/26/2007 01:01	15.06	50.606	33.21	6.69	7.96	10.5	1.27
709	5/26/2007 01:16	15.21	50.657	33.25	6.76	7.97	7.9	1.18
710	5/26/2007 01:31	15.34	50.572	33.19	6.83	7.98	8.0	1.10
711	5/26/2007 01:46	15.5	50.678	33.27	6.95	8	8.6	1.05
712	5/26/2007 02:01	15.47	50.612	33.22	6.78	7.98	7.2	0.98
713	5/26/2007 02:16	15.68	50.438	33.1	6.58	7.95	7.9	0.93
714	5/26/2007 02:31	15.71	50.388	33.06	6.58	7.94	7.7	0.91
715	5/26/2007 02:46	15.67	50.35	33.03	6.16	7.94	6.3	0.88
716	5/26/2007 03:01	15.74	50.327	33.02	5.66	7.9	5.6	0.87
717	5/26/2007 03:16	15.77	50.43	33.09	5.74	7.89	4.7	0.87
718	5/26/2007 03:31	15.87	50.477	33.13	5.87	7.91	4.4	0.89
719	5/26/2007 03:46	15.89	50.56	33.19	5.91	7.95	4.4	0.93

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
720	5/26/2007 04:01	15.87	50.639	33.25	6.06	7.94	5.6	0.96
721	5/26/2007 04:16	15.82	50.712	33.3	6.62	7.98	7.4	1.00
722	5/26/2007 04:31	15.77	50.725	33.31	6.97	8	8.6	1.06
723	5/26/2007 04:46	15.72	50.736	33.32	6.91	7.99	11.0	1.12
724	5/26/2007 05:01	15.76	50.61	33.23	6.82	7.99	11.6	1.16
725	5/26/2007 05:16	15.76	50.587	33.21	6.7	7.99	10.1	1.21
726	5/26/2007 05:31	15.76	50.577	33.2	6.65	7.99	10.8	1.27
727	5/26/2007 05:46	15.74	50.577	33.2	6.58	7.98	8.0	1.33
728	5/26/2007 06:01	15.69	50.616	33.23	6.42	7.97	8.0	1.37
729	5/26/2007 06:16	15.57	50.673	33.27	6.56	7.96	8.3	1.42
730	5/26/2007 06:31	15.39	50.747	33.32	6.46	7.94	8.4	1.47
731	5/26/2007 06:46	15.1	50.844	33.38	6.45	7.91	8.1	1.53
732	5/26/2007 07:01	14.97	50.835	33.37	6.34	7.9	8.2	1.56
733	5/26/2007 07:16	14.7	50.919	33.43	6.31	7.88	7.2	1.61
734	5/26/2007 07:31	14.54	50.91	33.42	6.32	7.88	7.7	1.66
735	5/26/2007 07:46	14.39	50.926	33.42	6.35	7.87	6.4	1.70
736	5/26/2007 08:01	14.31	50.935	33.43	6.29	7.87	6.0	1.73
737	5/26/2007 08:16	14.21	50.966	33.45	6.3	7.86	5.3	1.77
738	5/26/2007 08:31	14.16	50.96	33.44	6.3	7.86	4.5	1.81
739	5/26/2007 08:46	14.14	50.963	33.44	6.24	7.86	4.3	1.81
740	5/26/2007 09:01	14.1	50.968	33.45	6.14	7.85	4.1	1.83
741	5/26/2007 09:16	14.07	50.966	33.44	6.18	7.85	3.9	1.85
742	5/26/2007 09:31	14.07	50.963	33.44	6.09	7.84	4.1	1.84
743	5/26/2007 09:46	14.06	50.96	33.44	5.84	7.84	3.5	1.83
744	5/26/2007 10:01	14.05	50.959	33.44	5.95	7.84	3.6	1.80
745	5/26/2007 10:16	14.04	50.946	33.43	5.89	7.83	3.4	1.78
746	5/26/2007 10:31	14.02	50.913	33.4	5.67	7.81	3.2	1.74
747	5/26/2007 10:46	14.09	50.845	33.36	5.2	7.84	5.7	1.67
748	5/26/2007 11:01	14.16	50.833	33.35	5	7.83	4.9	1.61
749	5/26/2007 11:16	14.3	50.757	33.3	5.04	7.86	6.6	1.55
750	5/26/2007 11:31	14.4	50.691	33.25	5.19	7.89	5.9	1.48
751	5/26/2007 11:46	14.52	50.656	33.23	5.26	7.89	5.5	1.41
752	5/26/2007 12:01	14.58	50.64	33.22	5.34	7.91	5.8	1.33
753	5/26/2007 12:16	14.87	50.575	33.18	6.17	7.92	6.0	1.28
754	5/26/2007 12:31	14.83	50.6	33.2	5.7	7.91	5.3	1.21
755	5/26/2007 12:46	14.89	50.578	33.18	5.38	7.91	5.5	1.14
756	5/26/2007 13:01	14.94	50.624	33.22	5.34	7.9	5.1	1.08
757	5/26/2007 13:16	15.26	50.634	33.23	6.51	7.94	9.8	1.04
758	5/26/2007 13:31	15.23	50.641	33.24	6.09	7.92	4.8	1.01
759	5/26/2007 13:46	15.35	50.599	33.21	6.36	7.92	4.7	0.95
760	5/26/2007 14:01	15.41	50.588	33.2	6.34	7.91	4.4	0.94
761	5/26/2007 14:16	15.49	50.576	33.2	6.28	7.92	3.9	0.94
762	5/26/2007 14:31	15.49	50.589	33.2	6.1	7.89	3.9	0.92
763	5/26/2007 14:46	15.62	50.636	33.24	7.05	7.94	7.7	0.91
764	5/26/2007 15:01	15.66	50.68	33.28	6.97	7.95	5.8	0.95
765	5/26/2007 15:16	15.68	50.699	33.29	7.14	7.96	5.2	0.97
766	5/26/2007 15:31	15.68	50.717	33.3	7.12	7.96	6.9	0.99
767	5/26/2007 15:46	15.67	50.737	33.32	6.99	7.96	8.0	1.03

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	
768	5/26/2007 16:01	15.66	50.739	33.32	6.86	7.95	7.7	1.09	
769	5/26/2007 16:16	15.65	50.74	33.32	6.74	7.95	7.5	1.13	
770	5/26/2007 16:31	15.57	50.782	33.35	6.75	7.94	8.0	1.19	
771	5/26/2007 16:46	15.56	50.746	33.32	6.76	7.94	9.6	1.25	
772	5/26/2007 17:01	15.52	50.762	33.33	6.63	7.93	8.4	1.31	
773	5/26/2007 17:16	15.38	50.803	33.36	6.58	7.92	8.9	1.38	
774	5/26/2007 17:31	15.24	50.805	33.36	6.51	7.91	7.6	1.45	
775	5/26/2007 17:46	14.99	50.862	33.39	6.41	7.89	7.1	1.52	
776	5/26/2007 18:01	14.81	50.865	33.39	6.39	7.88	6.8	1.59	
777	5/26/2007 18:16	14.67	50.893	33.41	6.38	7.88	6.0	1.65	
778	5/26/2007 18:31	14.44	50.979	33.46	6.5	7.88	6.2	1.73	
779	5/26/2007 18:46	14.21	51.028	33.49	6.49	7.87	5.8	1.80	
780	5/26/2007 19:01	14.01	51.033	33.49	6.47	7.86	6.0	1.86	
781	5/26/2007 19:16	13.76	51.09	33.52	6.42	7.85	6.3	1.94	
782	5/26/2007 19:31	13.65	51.075	33.51	6.38	7.85	5.7	2.00	
783	5/26/2007 19:46	13.48	51.138	33.55	6.24	7.83	5.2	2.07	
784	5/26/2007 20:01	13.25	51.175	33.57	6.03	7.8	4.4	2.14	
785	5/26/2007 20:16	13	51.229	33.6	5.92	7.79	3.9	2.20	
786	5/26/2007 20:31	12.82	51.253	33.61	5.95	7.79	4.0	2.27	
787	5/26/2007 20:46	12.74	51.263	33.61	5.95	7.79	3.4	2.32	
788	5/26/2007 21:01	12.64	51.288	33.62	5.89	7.78	3.1	2.35	
789	5/26/2007 21:16	12.54	51.31	33.64	5.84	7.78	2.7	2.39	
790	5/26/2007 21:31	12.45	51.337	33.65	5.77	7.77	2.9	2.41	
791	5/26/2007 21:46	12.41	51.324	33.64	5.64	7.76	2.3	2.40	
792	5/26/2007 22:01	12.4	51.3	33.62	5.66	7.77	2.2	2.38	
793	5/26/2007 22:16	12.37	51.27	33.6	5.59	7.76	2.1	2.35	
794	5/26/2007 22:31	12.35	51.216	33.56	5.46	7.75	1.9	2.30	
795	5/26/2007 22:46	12.83	50.865	33.32	5.66	7.8	4.9	2.22	
796	5/26/2007 23:01	13.14	50.98	33.42	5.77	7.82	4.6	2.15	
797	5/26/2007 23:16	13.1	51.036	33.46	5.46	7.82	3.9	2.06	
798	5/26/2007 23:31	13.1	51.048	33.47	5.46	7.82	3.3	1.97	
799	5/26/2007 23:46	13.16	51.029	33.46	5.51	7.81	3.4	1.88	
800	5/27/2007 00:01	13.26	50.964	33.41	5.56	7.83	3.8	1.79	
801	5/27/2007 00:16	13.4	50.869	33.35	5.55	7.84	6.2	1.70	
802	5/27/2007 00:31	13.54	50.788	33.3	5.7	7.86	7.2	1.61	
803	5/27/2007 00:46	13.81	50.598	33.17	5.62	7.88	4.8	1.53	
804	5/27/2007 01:01	13.81	50.707	33.25	5.61	7.88	6.0	1.43	
805	5/27/2007 01:16	14.28	50.628	33.2	5.9	7.88	8.5	1.33	
806	5/27/2007 01:31	14.33	50.677	33.24	6.06	7.88	8.6	1.24	
807	5/27/2007 01:46	14.42	50.613	33.2	6.14	7.88	7.1	1.15	
808	5/27/2007 02:01	14.46	50.695	33.26	5.99	7.88	8.6	1.06	
809	5/27/2007 02:16	14.61	50.557	33.16	5.91	7.88	7.5	0.97	
810	5/27/2007 02:31	14.59	50.549	33.15	5.44	7.86	5.7	0.88	
811	5/27/2007 02:46	14.54	50.482	33.1	4.97	7.8	4.3	0.82	
812	5/27/2007 03:01	14.6	50.448	33.08	4.82	7.78	4.9	0.76	
813	5/27/2007 03:16	14.72	50.422	33.06	4.88	7.77	5.0	0.71	
814	5/27/2007 03:31	14.8	50.488	33.11	4.81	7.77	4.9	0.69	
815	5/27/2007 03:46	14.91	50.517	33.14	4.74	7.77	4.5	0.68	

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
816	5/27/2007 04:01	15.03	50.47	33.11	4.69	7.76	4.0	0.67
817	5/27/2007 04:16	15.15	50.457	33.1	4.64	7.75	4.1	0.71
818	5/27/2007 04:31	15.22	50.461	33.11	4.73	7.76	2.8	0.73
819	5/27/2007 04:46	15.37	50.446	33.1	4.71	7.79	2.9	0.77
820	5/27/2007 05:01	15.5	50.739	33.32	6.41	7.96	7.5	0.83
821	5/27/2007 05:16	15.49	50.792	33.35	6.73	7.98	7.6	0.88
822	5/27/2007 05:31	15.48	50.795	33.36	6.74	7.98	9.8	0.93
823	5/27/2007 05:46	15.5	50.707	33.29	6.75	7.99	9.7	1.00
824	5/27/2007 06:01	15.48	50.682	33.27	6.7	7.99	11.1	1.06
825	5/27/2007 06:16	15.46	50.67	33.26	6.64	7.99	9.7	1.12
826	5/27/2007 06:31	15.41	50.692	33.28	6.57	7.98	8.9	1.18
827	5/27/2007 06:46	15.35	50.721	33.3	6.44	7.97	7.7	1.23
828	5/27/2007 07:01	15.25	50.779	33.34	6.38	7.95	7.5	1.28
829	5/27/2007 07:16	15.13	50.832	33.37	6.41	7.94	8.1	1.35
830	5/27/2007 07:31	15.03	50.846	33.38	6.15	7.92	7.6	1.40
831	5/27/2007 07:46	14.84	50.896	33.41	6.17	7.9	7.0	1.46
832	5/27/2007 08:01	14.59	50.98	33.47	5.92	7.88	7.0	1.52
833	5/27/2007 08:16	14.45	50.984	33.47	5.91	7.87	6.1	1.56
834	5/27/2007 08:31	14.27	51.016	33.49	6.17	7.86	5.4	1.62
835	5/27/2007 08:46	14.2	51.012	33.48	6.03	7.85	5.3	1.67
836	5/27/2007 09:01	14.15	51.011	33.48	6.2	7.85	5.2	1.71
837	5/27/2007 09:16	14.12	51.01	33.48	6.24	7.85	4.7	1.76
838	5/27/2007 09:31	14.09	51.013	33.48	6.12	7.85	4.9	1.79
839	5/27/2007 09:46	14.06	51.02	33.48	6.06	7.84	3.5	1.82
840	5/27/2007 10:01	14	51.045	33.5	5.9	7.83	2.8	1.85
841	5/27/2007 10:16	13.98	51.034	33.49	5.78	7.82	3.3	1.85
842	5/27/2007 10:31	13.96	51.041	33.49	5.7	7.82	3.5	1.86
843	5/27/2007 10:46	13.97	51.023	33.48	5.74	7.82	2.8	1.86
844	5/27/2007 11:01	13.96	51.016	33.48	5.73	7.81	2.7	1.82
845	5/27/2007 11:16	13.96	51.001	33.47	5.6	7.81	2.6	1.79
846	5/27/2007 11:31	13.97	50.995	33.46	5.34	7.79	3.1	1.74
847	5/27/2007 11:46	14.07	50.942	33.43	5.77	7.83	5.4	1.70
848	5/27/2007 12:01	14.22	50.867	33.38	5.9	7.83	5.7	1.63
849	5/27/2007 12:16	14.34	50.825	33.35	6.08	7.85	6.1	1.56
850	5/27/2007 12:31	14.44	50.776	33.32	5.96	7.86	6.1	1.50
851	5/27/2007 12:46	14.51	50.764	33.31	5.63	7.86	4.8	1.43
852	5/27/2007 13:01	14.62	50.74	33.29	5.92	7.88	5.8	1.37
853	5/27/2007 13:16	14.79	50.662	33.24	5.66	7.88	6.1	1.31
854	5/27/2007 13:31	14.79	50.664	33.24	5.29	7.88	4.7	1.25
855	5/27/2007 13:46	14.85	50.675	33.25	5.32	7.88	4.9	1.19
856	5/27/2007 14:01	14.92	50.674	33.25	5.28	7.89	4.8	1.14
857	5/27/2007 14:16	15.09	50.622	33.22	5.48	7.89	5.7	1.11
858	5/27/2007 14:31	15.16	50.644	33.24	5.68	7.88	4.2	1.07
859	5/27/2007 14:46	15.3	50.704	33.28	6.12	7.9	8.8	1.04
860	5/27/2007 15:01	15.36	50.709	33.29	6.08	7.89	4.6	1.03
861	5/27/2007 15:16	15.39	50.705	33.29	5.9	7.89	4.6	1.02
862	5/27/2007 15:31	15.55	50.652	33.25	6.41	7.91	6.1	1.04
863	5/27/2007 15:46	15.64	50.657	33.26	6.88	7.95	6.5	1.03

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
864	5/27/2007 16:01	15.71	50.737	33.32	7.1	7.97	8.0	1.06
865	5/27/2007 16:16	15.71	50.801	33.36	7.16	7.96	6.9	1.09
866	5/27/2007 16:31	15.69	50.837	33.39	7.03	7.96	9.1	1.13
867	5/27/2007 16:46	15.72	50.811	33.37	7.38	7.97	10.2	1.18
868	5/27/2007 17:01	15.72	50.829	33.39	7.37	7.97	7.6	1.22
869	5/27/2007 17:16	15.71	50.82	33.38	7.36	7.97	11.8	1.29
870	5/27/2007 17:31	15.7	50.836	33.39	7.27	7.97	9.6	1.35
871	5/27/2007 17:46	15.67	50.824	33.38	7.25	7.96	11.4	1.41
872	5/27/2007 18:01	15.7	50.793	33.36	7.22	7.95	13.0	1.49
873	5/27/2007 18:16	15.63	50.849	33.4	7.07	7.94	9.4	1.55
874	5/27/2007 18:31	15.52	50.858	33.4	6.79	7.93	8.8	1.62
875	5/27/2007 18:46	15.41	50.885	33.42	6.86	7.91	8.7	1.69
876	5/27/2007 19:01	15.06	51.028	33.52	6.59	7.89	7.7	1.75
877	5/27/2007 19:16	14.55	51.074	33.54	6.41	7.85	6.6	1.82
878	5/27/2007 19:31	14.13	51.173	33.6	6.21	7.83	6.1	1.89
879	5/27/2007 19:46	13.83	51.178	33.59	6.11	7.81	6.5	1.96
880	5/27/2007 20:01	13.64	51.162	33.57	6.02	7.8	6.4	2.03
881	5/27/2007 20:16	13.55	51.166	33.57	5.93	7.79	5.6	2.10
882	5/27/2007 20:31	13.41	51.206	33.6	5.88	7.78	5.0	2.16
883	5/27/2007 20:46	13.25	51.247	33.62	5.6	7.75	4.6	2.22
884	5/27/2007 21:01	13.07	51.286	33.64	5.65	7.75	4.6	2.29
885	5/27/2007 21:16	12.89	51.339	33.67	5.67	7.75	3.3	2.34
886	5/27/2007 21:31	12.73	51.364	33.68	5.42	7.75	3.1	2.38
887	5/27/2007 21:46	12.57	51.417	33.72	5.66	7.74	2.2	2.42
888	5/27/2007 22:01	12.52	51.405	33.7	5.61	7.73	2.5	2.43
889	5/27/2007 22:16	12.5	51.375	33.68	5.25	7.73	2.5	2.44
890	5/27/2007 22:31	12.5	51.368	33.68	5.33	7.73	1.9	2.43
891	5/27/2007 22:46	12.51	51.344	33.66	5.3	7.72	1.9	2.38
892	5/27/2007 23:01	12.54	51.265	33.6	5.13	7.71	2.1	2.34
893	5/27/2007 23:16	12.79	51.117	33.51	5.21	7.75	5.1	2.26
894	5/27/2007 23:31	13.02	51.077	33.49	5.21	7.76	6.5	2.18
895	5/27/2007 23:46	13.01	51.133	33.53	5.22	7.76	4.8	2.10
896	5/28/2007 00:01	13.02	51.109	33.51	5.23	7.78	6.3	1.99
897	5/28/2007 00:16	13.02	51.142	33.53	5.58	7.78	8.2	1.90
898	5/28/2007 00:31	13.18	50.977	33.42	5.7	7.81	8.3	1.81
899	5/28/2007 00:46	13.43	50.796	33.3	5.73	7.84	9.3	1.71
900	5/28/2007 01:01	13.51	50.796	33.3	5.75	7.87	6.8	1.61
901	5/28/2007 01:16	13.77	50.709	33.25	5.94	7.86	9.1	1.50
902	5/28/2007 01:31	13.79	50.842	33.34	6	7.86	8.8	1.41
903	5/28/2007 01:46	14.01	50.651	33.21	5.98	7.87	9.5	1.30
904	5/28/2007 02:01	14.08	50.76	33.29	6.08	7.87	11.0	1.20
905	5/28/2007 02:16	14.19	50.729	33.27	6.08	7.88	11.2	1.08
906	5/28/2007 02:31	14.3	50.708	33.26	6.09	7.87	10.9	0.99
907	5/28/2007 02:46	14.18	50.697	33.25	5.13	7.84	4.6	0.89
908	5/28/2007 03:01	14.19	50.572	33.16	4.61	7.8	4.2	0.78
909	5/28/2007 03:16	14.2	50.469	33.08	4.69	7.76	4.9	0.70
910	5/28/2007 03:31	14.31	50.463	33.08	4.71	7.75	6.1	0.63
911	5/28/2007 03:46	14.33	50.473	33.09	4.79	7.75	5.7	0.56

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	
912	5/28/2007 04:01	14.46	50.495	33.11	4.74	7.74	5.3	0.52	
913	5/28/2007 04:16	14.57	50.476	33.1	4.7	7.74	5.0	0.50	
914	5/28/2007 04:31	14.63	50.485	33.11	4.63	7.73	5.4	0.47	
915	5/28/2007 04:46	14.69	50.485	33.11	4.53	7.72	4.4	0.50	
916	5/28/2007 05:01	14.73	50.497	33.12	4.48	7.72	5.0	0.52	
917	5/28/2007 05:16	14.79	50.475	33.1	4.39	7.71	4.4	0.54	
918	5/28/2007 05:31	14.95	50.493	33.12	4.81	7.77	5.8	0.60	
919	5/28/2007 05:46	15.14	50.795	33.35	6.61	7.95	9.3	0.66	
920	5/28/2007 06:01	15.12	50.867	33.4	6.62	7.95	8.9	0.71	
921	5/28/2007 06:16	15.1	50.804	33.35	6.69	7.97	9.7	0.76	
922	5/28/2007 06:31	15.09	50.702	33.28	6.74	7.99	10.2	0.84	
923	5/28/2007 06:46	15.09	50.663	33.25	6.71	7.99	11.8	0.90	
924	5/28/2007 07:01	15.08	50.609	33.21	6.65	7.98	9.6	0.96	
925	5/28/2007 07:16	15.08	50.603	33.21	6.59	7.98	3.9	1.03	
926	5/28/2007 07:31	15.06	50.639	33.23	6.65	7.98	6.9	1.10	
927	5/28/2007 07:46	14.99	50.693	33.27	6.62	7.97	7.4	1.18	
928	5/28/2007 08:01	14.91	50.755	33.31	6.47	7.95	8.7	1.24	
929	5/28/2007 08:16	14.77	50.865	33.39	6.34	7.92	7.5	1.31	
930	5/28/2007 08:31	14.49	50.972	33.46	6.1	7.88	8.7	1.39	
931	5/28/2007 08:46	14.23	51.034	33.5	6.19	7.86	4.5	1.46	
932	5/28/2007 09:01	14.14	51.018	33.48	6.18	7.85	7.3	1.52	
933	5/28/2007 09:16	14.09	51.026	33.49	6.17	7.84	6.7	1.58	
934	5/28/2007 09:31	14.07	51.017	33.48	6.14	7.84	6.4	1.64	
935	5/28/2007 09:46	14	51.058	33.51	5.98	7.84	3.4	1.70	
936	5/28/2007 10:01	13.92	51.083	33.52	6	7.83	4.7	1.75	
937	5/28/2007 10:16	13.84	51.091	33.53	5.94	7.82	3.3	1.78	
938	5/28/2007 10:31	13.75	51.078	33.51	5.73	7.8	4.7	1.84	
939	5/28/2007 10:46	13.72	51.059	33.5	5.7	7.8	2.7	1.87	
940	5/28/2007 11:01	13.67	51.072	33.51	5.37	7.78	3.5	1.89	
941	5/28/2007 11:16	13.64	51.062	33.5	5.25	7.77	3.2	1.90	
942	5/28/2007 11:31	13.62	51.056	33.49	5.37	7.76	3.6	1.92	
943	5/28/2007 11:46	13.63	51.055	33.49	5.39	7.76	4.1	1.91	
944	5/28/2007 12:01	13.62	51.049	33.49	5.25	7.76	3.1	1.88	
945	5/28/2007 12:16	13.59	51.047	33.49	5.24	7.76	2.7	1.83	
946	5/28/2007 12:31	13.59	51.036	33.48	5.16	7.76	3.0	1.78	
947	5/28/2007 12:46	13.83	50.902	33.39	5.4	7.79	4.7	1.73	
948	5/28/2007 13:01	14.07	50.967	33.44	5.86	7.83	5.7	1.66	
949	5/28/2007 13:16	14.35	50.892	33.4	6.24	7.86	5.8	1.59	
950	5/28/2007 13:31	14.53	50.873	33.39	6.01	7.86	5.2	1.53	
951	5/28/2007 13:46	14.64	50.848	33.37	6.11	7.87	5.0	1.47	
952	5/28/2007 14:01	14.76	50.81	33.35	5.78	7.83	5.4	1.40	
953	5/28/2007 14:16	14.91	50.724	33.29	6.24	7.87	5.0	1.34	
954	5/28/2007 14:31	15.09	50.678	33.26	5.73	7.89	4.9	1.29	
955	5/28/2007 14:46	15.29	50.566	33.18	6.12	7.89	8.4	1.26	
956	5/28/2007 15:01	15.5	50.71	33.29	6.83	7.93	5.2	1.21	
957	5/28/2007 15:16	15.52	50.672	33.27	6.56	7.9	4.1	1.17	
958	5/28/2007 15:31	15.6	50.635	33.24	5.92	7.88	3.7	1.16	
959	5/28/2007 15:46	15.65	50.628	33.24	5.87	7.88	2.8	1.15	

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
960	5/28/2007 16:01	15.73	50.611	33.23	5.64	7.88	3.5	1.14
961	5/28/2007 16:16	15.81	50.611	33.23	5.63	7.88	3.7	1.14
962	5/28/2007 16:31	15.85	50.654	33.26	5.65	7.87	3.4	1.16
963	5/28/2007 16:46	15.99	50.665	33.27	7.26	7.94	4.7	1.19
964	5/28/2007 17:01	16.17	50.719	33.31	8.11	8.01	5.4	1.22
965	5/28/2007 17:16	16.18	50.841	33.4	8.21	8.03	4.3	1.27
966	5/28/2007 17:31	16.08	50.895	33.44	7.81	8.02	4.4	1.31
967	5/28/2007 17:46	15.9	50.939	33.47	7.94	8.01	6.1	1.37
968	5/28/2007 18:01	15.98	50.873	33.42	7.95	8	6.3	1.43
969	5/28/2007 18:16	15.84	50.946	33.47	7.69	7.99	5.8	1.49
970	5/28/2007 18:31	15.55	50.993	33.5	7.44	7.96	5.7	1.56
971	5/28/2007 18:46	15.25	51.039	33.53	7.14	7.92	5.6	1.62
972	5/28/2007 19:01	14.81	51.067	33.54	6.71	7.88	6.0	1.69
973	5/28/2007 19:16	14.55	51.093	33.55	6.51	7.86	5.5	1.76
974	5/28/2007 19:31	14.03	51.235	33.64	6.18	7.81	5.4	1.83
975	5/28/2007 19:46	13.7	51.171	33.58	6.11	7.79	7.4	1.90
976	5/28/2007 20:01	13.62	51.172	33.58	6.12	7.79	6.9	1.97
977	5/28/2007 20:16	13.36	51.272	33.64	6.04	7.78	7.1	2.05
978	5/28/2007 20:31	13.22	51.241	33.61	6.01	7.77	6.3	2.12
979	5/28/2007 20:46	13.1	51.274	33.63	6.1	7.77	5.5	2.20
980	5/28/2007 21:01	12.85	51.377	33.7	6.19	7.77	5.2	2.27
981	5/28/2007 21:16	12.62	51.436	33.73	6.23	7.77	4.4	2.33
982	5/28/2007 21:31	12.46	51.471	33.75	6.21	7.77	3.8	2.39
983	5/28/2007 21:46	12.28	51.511	33.77	6.1	7.76	3.3	2.45
984	5/28/2007 22:01	12.14	51.533	33.78	6.04	7.76	3.3	2.49
985	5/28/2007 22:16	12.01	51.56	33.79	5.86	7.74	2.7	2.52
986	5/28/2007 22:31	11.95	51.523	33.76	5.76	7.73	3.0	2.53
987	5/28/2007 22:46	11.91	51.519	33.76	5.69	7.73	2.2	2.53
988	5/28/2007 23:01	11.88	51.516	33.75	5.65	7.73	2.2	2.51
989	5/28/2007 23:16	11.86	51.474	33.72	5.63	7.73	2.0	2.46
990	5/28/2007 23:31	11.86	51.417	33.68	5.41	7.71	2.1	2.40
991	5/28/2007 23:46	12.52	51.119	33.5	5.71	7.76	4.3	2.33
992	5/29/2007 00:01	12.83	51.051	33.46	5.78	7.78	5.1	2.25
993	5/29/2007 00:16	13.03	51.135	33.53	5.73	7.79	5.4	2.14
994	5/29/2007 00:31	12.92	51.119	33.51	5.44	7.78	3.8	2.05
995	5/29/2007 00:46	13.02	51.025	33.45	5.43	7.78	4.7	1.97
996	5/29/2007 01:01	13.37	50.938	33.4	5.85	7.81	5.0	1.86
997	5/29/2007 01:16	13.81	50.732	33.26	6.4	7.88	7.6	1.75
998	5/29/2007 01:31	14.15	50.737	33.28	6.77	7.92	6.8	1.65
999	5/29/2007 01:46	14.3	50.847	33.36	7.1	7.94	7.6	1.55
1000	5/29/2007 02:01	14.63	50.847	33.37	7.24	7.97	8.3	1.44
1001	5/29/2007 02:16	14.79	50.839	33.37	7.22	7.97	10.7	1.31
1002	5/29/2007 02:31	14.97	50.634	33.23	7.23	7.97	9.7	1.21
1003	5/29/2007 02:46	15.03	50.567	33.18	7.1	7.96	7.9	1.11
1004	5/29/2007 03:01	14.78	50.492	33.12	5.92	7.88	8.4	0.98
1005	5/29/2007 03:16	14.92	50.545	33.16	6.66	7.93	8.0	0.88
1006	5/29/2007 03:31	14.77	50.558	33.16	5.5	7.82	7.7	0.75
1007	5/29/2007 03:46	15	50.598	33.2	5.81	7.86	10.3	0.66

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
1008	5/29/2007 04:01	14.9	50.596	33.2	5.21	7.81	5.2	0.56
1009	5/29/2007 04:16	14.97	50.593	33.2	5.2	7.8	4.9	0.49
1010	5/29/2007 04:31	15.07	50.585	33.19	5.18	7.81	5.7	0.43
1011	5/29/2007 04:46	15.18	50.578	33.19	5.12	7.8	5.0	0.38
1012	5/29/2007 05:01	15.47	50.539	33.17	5.77	7.83	10.0	0.37
1013	5/29/2007 05:16	15.51	50.53	33.16	5.55	7.82	5.8	0.35
1014	5/29/2007 05:31	15.56	50.554	33.18	5.49	7.83	3.6	0.37
1015	5/29/2007 05:46	15.8	50.659	33.26	6.5	7.92	2.5	0.42
1016	5/29/2007 06:01	15.83	50.751	33.33	6.56	7.95	1.5	0.45
1017	5/29/2007 06:16	15.82	50.867	33.42	7.39	8.02	4.6	0.52
1018	5/29/2007 06:31	15.8	50.896	33.44	7.76	8.04	6.0	0.57
1019	5/29/2007 06:46	15.83	50.815	33.38	7.76	8.04	6.7	0.64
1020	5/29/2007 07:01	15.9	50.686	33.28	7.68	8.04	8.2	0.71
1021	5/29/2007 07:16	15.89	50.677	33.28	7.59	8.03	8.0	0.79
1022	5/29/2007 07:31	15.91	50.603	33.22	7.61	8.03	8.8	0.86
1023	5/29/2007 07:46	15.91	50.574	33.2	7.64	8.03	8.7	0.93
1024	5/29/2007 08:01	15.85	50.605	33.22	7.49	8.02	7.5	1.01
1025	5/29/2007 08:16	15.75	50.652	33.26	7.55	8.02	6.9	1.08
1026	5/29/2007 08:31	15.61	50.738	33.32	7.53	8.01	7.1	1.17
1027	5/29/2007 08:46	15.39	50.873	33.41	7.45	7.99	8.3	1.25
1028	5/29/2007 09:01	15.02	50.997	33.49	7.12	7.95	7.0	1.33
1029	5/29/2007 09:16	14.85	51.016	33.5	6.95	7.92	6.9	1.40
1030	5/29/2007 09:31	14.71	51.047	33.52	6.8	7.91	7.0	1.47
1031	5/29/2007 09:46	14.6	51.048	33.52	6.75	7.89	6.8	1.56
1032	5/29/2007 10:01	14.51	51.075	33.54	6.68	7.89	5.4	1.62
1033	5/29/2007 10:16	14.38	51.1	33.55	6.57	7.87	6.5	1.68
1034	5/29/2007 10:31	14.24	51.088	33.54	6.49	7.86	7.8	1.74
1035	5/29/2007 10:46	14.11	51.124	33.56	6.43	7.85	5.4	1.80
1036	5/29/2007 11:01	13.86	51.141	33.56	6.22	7.82	6.1	1.85
1037	5/29/2007 11:16	13.77	51.117	33.54	6.08	7.8	4.1	1.89
1038	5/29/2007 11:31	13.67	51.155	33.57	5.91	7.79	4.0	1.94
1039	5/29/2007 11:46	13.6	51.154	33.56	5.7	7.77	3.3	1.97
1040	5/29/2007 12:01	13.55	51.159	33.57	5.58	7.75	3.4	1.99
1041	5/29/2007 12:16	13.47	51.178	33.58	5.37	7.73	3.0	2.01
1042	5/29/2007 12:31	13.45	51.176	33.58	5.28	7.73	2.5	2.01
1043	5/29/2007 12:46	13.45	51.157	33.56	5.3	7.74	2.5	1.99
1044	5/29/2007 13:01	13.46	51.112	33.53	5.29	7.75	2.4	1.94
1045	5/29/2007 13:16	13.5	51.089	33.51	5.32	7.75	2.5	1.91
1046	5/29/2007 13:31	13.69	51.04	33.48	5.54	7.78	3.4	1.84
1047	5/29/2007 13:46	14.03	50.953	33.43	5.89	7.82	5.3	1.77
1048	5/29/2007 14:01	14.29	50.958	33.44	6.54	7.88	4.9	1.71
1049	5/29/2007 14:16	14.77	50.909	33.42	7.42	7.95	5.1	1.65
1050	5/29/2007 14:31	15.11	50.889	33.42	7.7	7.98	5.2	1.58
1051	5/29/2007 14:46	15.34	50.863	33.4	7.69	7.99	6.1	1.52
1052	5/29/2007 15:01	15.46	50.883	33.42	7.88	8.01	4.5	1.46
1053	5/29/2007 15:16	15.66	50.884	33.42	8.23	8.04	4.7	1.41
1054	5/29/2007 15:31	15.97	50.881	33.43	8.54	8.07	3.8	1.38
1055	5/29/2007 15:46	16.08	50.715	33.31	8.59	8.07	2.9	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	
1056	5/29/2007 16:01	16.18	50.572	33.21	7.51	8.04	2.6	1.30	
1057	5/29/2007 16:16	16.3	50.573	33.21	7.78	8.02	2.9	1.29	
1058	5/29/2007 16:31	16.36	50.607	33.23	7.78	8.04	3.7	1.27	
1059	5/29/2007 16:46	16.35	50.705	33.31	7.35	8.01	3.2	1.27	
1060	5/29/2007 17:01	16.4	50.781	33.36	8.16	8.02	3.2	1.28	
1061	5/29/2007 17:16	16.41	50.849	33.41	7.99	8.04	2.9	1.31	
1062	5/29/2007 17:31	16.36	50.91	33.46	8.18	8.05	3.2	1.34	
1063	5/29/2007 17:46	16.25	50.97	33.5	8.38	8.05	3.6	1.37	
1064	5/29/2007 18:01	16.09	51	33.52	8.47	8.05	3.2	1.43	
1065	5/29/2007 18:16	15.98	50.992	33.51	8.21	8.03	6.1	1.48	
1066	5/29/2007 18:31	15.88	50.979	33.5	8	8.01	5.0	1.54	
1067	5/29/2007 18:46	15.72	51.011	33.52	7.84	8	4.6	1.60	
1068	5/29/2007 19:01	15.39	51.102	33.58	7.55	7.96	4.7	1.66	
1069	5/29/2007 19:16	15.1	51.101	33.57	7.24	7.93	5.2	1.73	
1070	5/29/2007 19:31	14.81	51.115	33.57	6.91	7.89	5.2	1.80	
1071	5/29/2007 19:46	14.49	51.167	33.6	6.71	7.86	4.7	1.86	
1072	5/29/2007 20:01	14.12	51.228	33.64	6.45	7.82	7.9	1.93	
1073	5/29/2007 20:16	13.73	51.269	33.65	6.24	7.8	5.8	2.00	
1074	5/29/2007 20:31	13.41	51.265	33.64	6.13	7.77	6.1	2.07	
1075	5/29/2007 20:46	13.14	51.346	33.69	6.11	7.76	5.8	2.14	
1076	5/29/2007 21:01	12.83	51.41	33.72	6.14	7.76	5.7	2.22	
1077	5/29/2007 21:16	12.44	51.46	33.74	6.25	7.76	4.9	2.30	
1078	5/29/2007 21:31	12.18	51.484	33.75	6.24	7.76	4.3	2.37	
1079	5/29/2007 21:46	11.98	51.543	33.78	6.2	7.76	3.9	2.43	
1080	5/29/2007 22:01	11.73	51.619	33.82	6.22	7.76	3.2	2.49	
1081	5/29/2007 22:16	11.62	51.613	33.81	6.15	7.75	3.0	2.54	
1082	5/29/2007 22:31	11.5	51.637	33.82	6.13	7.75	3.3	2.59	
1083	5/29/2007 22:46	11.45	51.62	33.81	6.09	7.75	2.7	2.61	
1084	5/29/2007 23:01	11.4	51.621	33.81	6.02	7.74	2.4	2.62	
1085	5/29/2007 23:16	11.41	51.595	33.79	6	7.74	2.8	2.61	
1086	5/29/2007 23:31	11.41	51.596	33.79	5.91	7.74	2.5	2.58	
1087	5/29/2007 23:46	11.39	51.579	33.77	5.69	7.73	1.8	2.54	
1088	5/30/2007 00:01	11.41	51.525	33.74	5.45	7.72	2.1	2.47	
1089	5/30/2007 00:16	12.11	51.257	33.58	5.84	7.77	5.0	2.41	
1090	5/30/2007 00:31	12.43	51.189	33.54	5.79	7.78	4.7	2.32	
1091	5/30/2007 00:46	12.66	51.119	33.5	5.87	7.78	5.1	2.23	
1092	5/30/2007 01:01	12.88	51.091	33.49	5.82	7.79	5.3	2.13	
1093	5/30/2007 01:16	13.07	51.057	33.47	5.94	7.82	4.2	2.03	
1094	5/30/2007 01:31	13.43	50.709	33.23	6.15	7.86	4.9	1.93	
1095	5/30/2007 01:46	13.53	50.98	33.44	6.48	7.88	5.1	1.82	
1096	5/30/2007 02:01	14.06	50.86	33.37	6.69	7.9	6.0	1.71	
1097	5/30/2007 02:16	14.42	50.794	33.33	6.85	7.92	6.7	1.60	
1098	5/30/2007 02:31	14.69	50.885	33.4	7.05	7.95	7.9	1.47	
1099	5/30/2007 02:46	14.99	50.867	33.4	7.12	7.98	8.0	1.35	
1100	5/30/2007 03:01	14.96	50.733	33.3	7.03	7.98	7.5	1.23	
1101	5/30/2007 03:16	14.72	50.587	33.19	6.6	7.94	7.1	1.11	
1102	5/30/2007 03:31	14.56	50.633	33.21	6.36	7.93	4.6	0.98	
1103	5/30/2007 03:46	14.86	50.52	33.14	6.46	7.94	8.5	0.85	

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
1104	5/30/2007 04:01	14.85	50.572	33.18	6.29	7.91	8.0	0.72
1105	5/30/2007 04:16	15.2	50.763	33.33	6.88	7.94	13.1	0.61
1106	5/30/2007 04:31	15.43	50.579	33.2	6.75	7.95	6.5	0.50
1107	5/30/2007 04:46	15.53	50.664	33.26	7.12	8	5.9	0.42
1108	5/30/2007 05:01	15.92	50.405	33.08	6.88	7.96	6.8	0.35
1109	5/30/2007 05:16	15.88	50.507	33.15	7.03	8	6.9	0.30
1110	5/30/2007 05:31	16.22	50.598	33.23	7.49	8.05	6.5	0.27
1111	5/30/2007 05:46	16.29	50.761	33.35	7.15	8.04	5.4	0.27
1112	5/30/2007 06:01	16.37	50.813	33.39	7.3	8.05	3.9	0.28
1113	5/30/2007 06:16	16.45	50.828	33.4	7.3	8.05	5.5	0.32
1114	5/30/2007 06:31	16.41	50.811	33.38	7.24	8.04	3.6	0.37
1115	5/30/2007 06:46	16.38	50.81	33.38	7.23	8.04	3.6	0.41
1116	5/30/2007 07:01	16.33	50.874	33.43	7.4	8.05	5.2	0.48
1117	5/30/2007 07:16	16.27	50.911	33.46	7.58	8.05	5.2	0.56
1118	5/30/2007 07:31	16.25	50.793	33.37	7.61	8.06	11.3	0.63
1119	5/30/2007 07:46	16.24	50.775	33.36	7.53	8.05	9.7	0.68
1120	5/30/2007 08:01	16.22	50.766	33.35	7.5	8.04	7.9	0.76
1121	5/30/2007 08:16	16.18	50.731	33.32	7.52	8.04	7.2	0.85
1122	5/30/2007 08:31	16.14	50.721	33.31	7.46	8.04	7.4	0.92
1123	5/30/2007 08:46	16.06	50.74	33.33	7.48	8.03	8.2	1.00
1124	5/30/2007 09:01	15.98	50.768	33.35	7.44	8.03	6.9	1.09
1125	5/30/2007 09:16	15.82	50.855	33.41	7.39	8.02	7.1	1.18
1126	5/30/2007 09:31	15.55	50.941	33.46	7.22	7.98	6.9	1.27
1127	5/30/2007 09:46	15.28	51.006	33.51	7.06	7.95	7.9	1.35
1128	5/30/2007 10:01	15.14	51.03	33.52	6.99	7.93	6.9	1.43
1129	5/30/2007 10:16	15.05	51.035	33.52	6.84	7.91	7.9	1.52
1130	5/30/2007 10:31	14.98	51.038	33.52	6.77	7.91	7.0	1.59
1131	5/30/2007 10:46	14.81	51.094	33.56	6.62	7.89	5.9	1.67
1132	5/30/2007 11:01	14.58	51.138	33.58	6.51	7.87	5.6	1.73
1133	5/30/2007 11:16	14.42	51.129	33.57	6.56	7.86	5.2	1.79
1134	5/30/2007 11:31	14.25	51.12	33.56	6.4	7.85	5.1	1.85
1135	5/30/2007 11:46	14.1	51.107	33.55	5.98	7.83	3.8	1.90
1136	5/30/2007 12:01	13.91	51.144	33.57	6.06	7.8	3.9	1.95
1137	5/30/2007 12:16	13.81	51.129	33.55	5.81	7.78	3.6	1.99
1138	5/30/2007 12:31	13.68	51.165	33.58	5.72	7.77	3.2	2.03
1139	5/30/2007 12:46	13.55	51.187	33.59	5.51	7.74	3.7	2.04
1140	5/30/2007 13:01	13.49	51.174	33.58	5.5	7.74	3.0	2.04
1141	5/30/2007 13:16	13.44	51.161	33.56	5.43	7.74	2.7	2.05
1142	5/30/2007 13:31	13.38	51.156	33.56	5.4	7.74	2.8	2.02
1143	5/30/2007 13:46	13.35	51.133	33.54	5.24	7.73	2.3	1.98
1144	5/30/2007 14:01	13.44	51.067	33.5	5.38	7.76	3.6	1.93
1145	5/30/2007 14:16	13.91	51.053	33.5	6.07	7.82	4.6	1.87
1146	5/30/2007 14:31	14.21	51.002	33.47	6.62	7.86	4.7	1.81
1147	5/30/2007 14:46	14.42	51.054	33.52	6.86	7.9	4.3	1.75
1148	5/30/2007 15:01	14.67	50.977	33.47	7.17	7.93	4.2	1.68
1149	5/30/2007 15:16	14.75	50.992	33.48	7.16	7.93	3.9	1.62
1150	5/30/2007 15:31	14.89	50.993	33.49	7.12	7.94	3.8	1.57
1151	5/30/2007 15:46	15.03	50.993	33.49	7.29	7.95	3.6	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	
1152	5/30/2007 16:01	15.13	50.992	33.49	7.36	7.95	3.3	1.46	
1153	5/30/2007 16:16	15.31	50.964	33.48	7.69	7.99	3.7	1.43	
1154	5/30/2007 16:31	15.46	50.944	33.46	7.98	7.99	3.2	1.39	
1155	5/30/2007 16:46	15.47	50.898	33.43	8.07	8.01	3.3	1.36	
1156	5/30/2007 17:01	15.84	50.874	33.42	8.41	8.06	2.9	1.35	
1157	5/30/2007 17:16	16	50.966	33.49	8.82	8.04	3.2	1.34	
1158	5/30/2007 17:31	16.04	50.96	33.49	8.8	8.06	2.9	1.36	
1159	5/30/2007 17:46	16.04	50.955	33.48	8.69	8.05	2.4	1.37	
1160	5/30/2007 18:01	16.01	50.979	33.5	8.52	8.03	2.2	1.40	
1161	5/30/2007 18:16	15.89	51.053	33.55	8.19	8.01	3.6	1.44	
1162	5/30/2007 18:31	15.87	50.991	33.51	8.01	8.01	3.9	1.49	
1163	5/30/2007 18:46	15.74	51.005	33.52	7.72	7.99	4.3	1.54	
1164	5/30/2007 19:01	15.7	50.955	33.48	7.77	7.98	6.3	1.59	
1165	5/30/2007 19:16	15.59	50.984	33.5	7.58	7.97	4.9	1.66	
1166	5/30/2007 19:31	15.34	51.066	33.55	7.37	7.95	4.6	1.71	
1167	5/30/2007 19:46	14.93	51.146	33.6	7.04	7.91	4.1	1.77	
1168	5/30/2007 20:01	14.45	51.195	33.62	6.79	7.87	3.6	1.84	
1169	5/30/2007 20:16	14.07	51.24	33.64	6.59	7.85	4.2	1.91	
1170	5/30/2007 20:31	13.62	51.32	33.69	6.35	7.82	5.6	1.98	
1171	5/30/2007 20:46	13.31	51.343	33.69	6.16	7.8	4.3	2.05	
1172	5/30/2007 21:01	13.05	51.377	33.71	6.18	7.79	5.8	2.13	
1173	5/30/2007 21:16	12.79	51.392	33.71	6.13	7.79	4.3	2.21	
1174	5/30/2007 21:31	12.43	51.473	33.75	6.24	7.79	4.3	2.28	
1175	5/30/2007 21:46	12.19	51.504	33.76	6.4	7.8	3.6	2.35	
1176	5/30/2007 22:01	12	51.506	33.75	6.45	7.8	3.1	2.43	
1177	5/30/2007 22:16	11.81	51.545	33.77	6.68	7.82	3.5	2.50	
1178	5/30/2007 22:31	11.59	51.6	33.8	6.91	7.83	2.7	2.55	
1179	5/30/2007 22:46	11.46	51.587	33.78	7.09	7.85	2.1	2.61	
1180	5/30/2007 23:01	11.4	51.557	33.76	7.14	7.85	2.1	2.65	
1181	5/30/2007 23:16	11.36	51.535	33.74	7.07	7.85	2.3	2.67	
1182	5/30/2007 23:31	11.33	51.54	33.74	7.06	7.85	2.7	2.68	
1183	5/30/2007 23:46	11.37	51.516	33.73	7.09	7.86	2.2	2.67	
1184	5/31/2007 00:01	11.39	51.525	33.73	6.94	7.85	1.8	2.64	
1185	5/31/2007 00:16	11.47	51.489	33.71	6.63	7.82	2.2	2.60	
1186	5/31/2007 00:31	11.93	51.247	33.56	6.55	7.81	2.5	2.53	
1187	5/31/2007 00:46	12.31	51.32	33.63	6.3	7.82	4.6	2.45	
1188	5/31/2007 01:01	12.68	51.078	33.47	6.26	7.81	5.0	2.36	
1189	5/31/2007 01:16	12.75	51.245	33.6	6.31	7.81	5.9	2.26	
1190	5/31/2007 01:31	12.83	51.196	33.57	6.19	7.81	4.6	2.16	
1191	5/31/2007 01:46	13.16	51.084	33.5	6.29	7.83	5.4	2.06	
1192	5/31/2007 02:01	13.34	51.097	33.51	6.44	7.85	4.9	1.95	
1193	5/31/2007 02:16	13.71	50.862	33.36	6.53	7.87	6.0	1.83	
1194	5/31/2007 02:31	13.95	50.918	33.4	6.72	7.9	6.8	1.72	
1195	5/31/2007 02:46	14.37	50.744	33.29	6.82	7.92	7.4	1.61	
1196	5/31/2007 03:01	14.57	50.784	33.33	6.94	7.95	7.3	1.48	
1197	5/31/2007 03:16	14.75	50.751	33.31	7.12	7.97	7.6	1.36	
1198	5/31/2007 03:31	14.68	50.914	33.42	7.09	7.97	6.9	1.23	
1199	5/31/2007 03:46	14.76	50.899	33.41	6.95	7.95	6.9	1.11	

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
1200	5/31/2007 04:01	14.72	50.83	33.36	6.82	7.94	6.7	0.97
1201	5/31/2007 04:16	14.88	50.784	33.33	6.8	7.94	7.8	0.83
1202	5/31/2007 04:31	15.02	50.79	33.34	6.79	7.93	7.7	0.71
1203	5/31/2007 04:46	15.13	50.787	33.34	6.77	7.94	6.8	0.57
1204	5/31/2007 05:01	15.3	50.809	33.36	6.81	7.94	7.6	0.45
1205	5/31/2007 05:16	15.44	50.866	33.41	6.82	7.95	7.3	0.35
1206	5/31/2007 05:31	15.65	50.886	33.43	6.89	7.95	9.7	0.27
1207	5/31/2007 05:46	15.87	50.85	33.4	6.93	7.97	8.0	0.21
1208	5/31/2007 06:01	16.03	50.891	33.44	6.94	7.98	6.3	0.17
1209	5/31/2007 06:16	16.19	50.871	33.42	6.87	7.98	5.1	0.19
1210	5/31/2007 06:31	16.22	50.918	33.46	6.72	7.98	4.4	0.19
1211	5/31/2007 06:46	16.26	50.908	33.45	6.87	7.98	4.4	0.23
1212	5/31/2007 07:01	16.28	50.923	33.47	6.81	7.97	4.4	0.29
1213	5/31/2007 07:16	16.24	50.944	33.48	6.7	7.96	4.7	0.34
1214	5/31/2007 07:31	16.21	50.921	33.46	7.17	8.01	5.0	0.40
1215	5/31/2007 07:46	16.18	50.917	33.46	7.21	7.99	6.5	0.46
1216	5/31/2007 08:01	16.16	50.769	33.35	7.2	8	6.3	0.53
1217	5/31/2007 08:16	16.15	50.662	33.27	7.18	8	8.2	0.60
1218	5/31/2007 08:31	16.14	50.601	33.23	7.18	8	6.8	0.66
1219	5/31/2007 08:46	16.1	50.626	33.24	7.18	7.99	7.9	0.75
1220	5/31/2007 09:01	16.06	50.612	33.23	7.24	7.99	7.9	0.82
1221	5/31/2007 09:16	16.05	50.595	33.22	7.16	7.99	8.6	0.92
1222	5/31/2007 09:31	15.96	50.596	33.22	7.15	7.98	8.7	1.01
1223	5/31/2007 09:46	15.82	50.685	33.28	7.24	7.98	8.5	1.10
1224	5/31/2007 10:01	15.67	50.752	33.33	7.17	7.97	9.2	1.20
1225	5/31/2007 10:16	15.4	50.899	33.43	7.02	7.95	9.3	1.29
1226	5/31/2007 10:31	15	51.078	33.55	6.84	7.91	9.6	1.38
1227	5/31/2007 10:46	14.95	51.029	33.51	6.78	7.91	9.1	1.47
1228	5/31/2007 11:01	14.79	51.11	33.57	6.73	7.9	9.1	1.55
1229	5/31/2007 11:16	14.55	51.17	33.61	6.68	7.88	7.9	1.62
1230	5/31/2007 11:31	14.39	51.107	33.56	6.64	7.88	9.3	1.70
1231	5/31/2007 11:46	14.19	51.201	33.62	6.6	7.87	6.9	1.76
1232	5/31/2007 12:01	13.95	51.156	33.58	6.59	7.86	6.0	1.83
1233	5/31/2007 12:16	13.84	51.136	33.56	6.52	7.85	5.4	1.89
1234	5/31/2007 12:31	13.67	51.175	33.58	6.37	7.84	5.2	1.93
1235	5/31/2007 12:46	13.47	51.224	33.61	6.25	7.82	4.9	1.98
1236	5/31/2007 13:01	13.31	51.239	33.62	6.18	7.81	4.3	2.02
1237	5/31/2007 13:16	13.03	51.298	33.65	6.05	7.8	3.8	2.06
1238	5/31/2007 13:31	12.87	51.31	33.65	6.04	7.79	3.5	2.08
1239	5/31/2007 13:46	12.82	51.303	33.64	5.96	7.79	3.3	2.08
1240	5/31/2007 14:01	12.83	51.267	33.62	5.89	7.79	3.2	2.08
1241	5/31/2007 14:16	12.86	51.246	33.6	5.81	7.78	2.8	2.04
1242	5/31/2007 14:31	12.88	51.19	33.56	5.65	7.78	2.8	2.01
1243	5/31/2007 14:46	13.15	51.108	33.51	5.98	7.82	8.1	1.94
1244	5/31/2007 15:01	13.8	50.954	33.43	6.62	7.87	5.2	1.90
1245	5/31/2007 15:16	13.99	51.044	33.5	7	7.9	5.3	1.83
1246	5/31/2007 15:31	14.22	50.978	33.46	7	7.91	4.2	1.76
1247	5/31/2007 15:46	14.64	50.942	33.44	7.56	7.95	4.4	1.70

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
1248	5/31/2007 16:01	14.88	50.902	33.42	7.47	7.95	4.5	1.64
1249	5/31/2007 16:16	15.14	50.83	33.37	7.74	7.98	4.4	1.60
1250	5/31/2007 16:31	15.15	50.992	33.49	7.66	7.98	3.9	1.53
1251	5/31/2007 16:46	15.34	50.901	33.43	7.72	7.99	4.6	1.49
1252	5/31/2007 17:01	15.53	50.961	33.48	8.11	8.01	4.3	1.47
1253	5/31/2007 17:16	15.63	51.003	33.51	7.95	7.99	4.4	1.43
1254	5/31/2007 17:31	15.77	50.973	33.49	7.81	8.02	3.6	1.42
1255	5/31/2007 17:46	15.92	50.973	33.5	8.08	8.03	2.5	1.40
1256	5/31/2007 18:01	16.01	50.982	33.5	8.34	8.04	3.2	1.41
1257	5/31/2007 18:16	16	50.995	33.51	8.15	8.03	2.7	1.41
1258	5/31/2007 18:31	15.92	51.031	33.54	7.96	8.01	3.1	1.43
1259	5/31/2007 18:46	15.8	51.063	33.56	8.19	8.01	4.6	1.47
1260	5/31/2007 19:01	15.78	51.007	33.52	7.99	8.01	6.2	1.50
1261	5/31/2007 19:16	15.78	50.987	33.5	7.86	8	5.2	1.55
1262	5/31/2007 19:31	15.57	51.078	33.56	7.84	7.99	6.6	1.61
1263	5/31/2007 19:46	15.57	50.974	33.49	7.69	7.98	7.0	1.67
1264	5/31/2007 20:01	15.33	51.085	33.56	7.6	7.96	4.7	1.72
1265	5/31/2007 20:16	14.96	51.156	33.61	7.45	7.93	4.6	1.79
1266	5/31/2007 20:31	14.58	51.185	33.62	7.19	7.92	5.7	1.86
1267	5/31/2007 20:46	14.23	51.185	33.61	6.97	7.89	4.4	1.92
1268	5/31/2007 21:01	13.7	51.315	33.69	6.82	7.87	5.2	2.00
1269	5/31/2007 21:16	13.26	51.343	33.69	6.8	7.86	5.4	2.08
1270	5/31/2007 21:31	12.83	51.377	33.7	6.82	7.86	4.2	2.15
1271	5/31/2007 21:46	12.72	51.326	33.66	6.79	7.86	3.9	2.23
1272	5/31/2007 22:01	12.47	51.393	33.69	6.9	7.86	3.6	2.30
1273	5/31/2007 22:16	12.14	51.424	33.7	6.99	7.87	3.2	2.38
1274	5/31/2007 22:31	11.96	51.414	33.68	7.12	7.88	3.9	2.45
1275	5/31/2007 22:46	11.77	51.444	33.7	7.25	7.89	3.0	2.52
1276	5/31/2007 23:01	11.63	51.446	33.69	7.31	7.9	2.7	2.57
1277	5/31/2007 23:16	11.54	51.452	33.69	7.35	7.9	2.7	2.62
1278	5/31/2007 23:31	11.44	51.484	33.71	7.32	7.9	2.4	2.66
1279	5/31/2007 23:46	11.41	51.454	33.68	7.35	7.9	3.1	2.69
1280	6/1/2007 00:01	11.39	51.445	33.68	7.27	7.9	2.5	2.70
1281	6/1/2007 00:16	11.53	51.393	33.65	7.22	7.89	2.2	2.69
1282	6/1/2007 00:31	11.54	51.403	33.65	7.11	7.89	2.2	2.67
1283	6/1/2007 00:46	11.54	51.397	33.65	6.84	7.88	2.2	2.63
1284	6/1/2007 01:01	12.41	51.066	33.45	6.84	7.89	3.2	2.56
1285	6/1/2007 01:16	12.64	51.211	33.57	6.63	7.87	3.1	2.48
1286	6/1/2007 01:31	12.56	51.299	33.63	6.49	7.86	3.6	2.40
1287	6/1/2007 01:46	12.57	51.248	33.59	6.53	7.85	3.9	2.30
1288	6/1/2007 02:01	12.61	51.225	33.58	6.55	7.86	4.3	2.20
1289	6/1/2007 02:16	12.77	51.171	33.54	6.71	7.87	4.3	2.10
1290	6/1/2007 02:31	13.07	51.106	33.51	6.75	7.88	4.9	1.98
1291	6/1/2007 02:46	13.56	50.965	33.43	6.75	7.89	4.6	1.88
1292	6/1/2007 03:01	13.87	50.933	33.41	6.84	7.9	4.9	1.76
1293	6/1/2007 03:16	14.15	50.94	33.43	6.86	7.91	5.7	1.64
1294	6/1/2007 03:31	14.27	51.008	33.48	6.88	7.91	6.5	1.53
1295	6/1/2007 03:46	14.52	50.804	33.34	6.93	7.93	7.1	1.38

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
1296	6/1/2007 04:01	14.49	50.795	33.33	6.91	7.93	7.1	1.26
1297	6/1/2007 04:16	14.52	50.607	33.19	6.77	7.93	7.2	1.13
1298	6/1/2007 04:31	14.39	50.605	33.19	6.58	7.93	6.2	0.99
1299	6/1/2007 04:46	14.39	50.598	33.18	6.54	7.94	4.6	0.86
1300	6/1/2007 05:01	14.43	50.645	33.22	6.4	7.94	4.1	0.72
1301	6/1/2007 05:16	14.73	50.681	33.25	6.52	7.93	21.0	0.57
1302	6/1/2007 05:31	14.88	50.526	33.14	6.48	7.92	9.2	0.45
1303	6/1/2007 05:46	14.83	50.607	33.2	6.27	7.93	4.9	0.34
1304	6/1/2007 06:01	15.21	50.456	33.1	6.63	7.94	6.8	0.24
1305	6/1/2007 06:16	15.59	50.355	33.04	6.7	7.93	8.3	0.18
1306	6/1/2007 06:31	15.82	50.572	33.2	6.58	7.93	9.6	0.12
1307	6/1/2007 06:46	16	50.438	33.1	6.87	7.97	6.9	0.08
1308	6/1/2007 07:01	16.11	50.869	33.42	6.7	7.96	4.6	0.10
1309	6/1/2007 07:16	16.22	50.891	33.44	6.82	7.97	5.0	0.13
1310	6/1/2007 07:31	16.22	50.91	33.45	6.73	7.97	5.0	0.18
1311	6/1/2007 07:46	16.21	50.9	33.45	6.71	7.96	4.9	0.24
1312	6/1/2007 08:01	16.19	50.911	33.45	6.61	7.96	5.4	0.30
1313	6/1/2007 08:16	16.12	50.913	33.45	6.89	7.97	4.7	0.37
1314	6/1/2007 08:31	16.09	50.794	33.37	6.95	7.97	6.5	0.44
1315	6/1/2007 08:46	16.07	50.704	33.3	6.97	7.97	8.2	0.51
1316	6/1/2007 09:01	16.07	50.618	33.24	6.96	7.97	8.7	0.58
1317	6/1/2007 09:16	16.05	50.571	33.2	6.97	7.97	7.9	0.67
1318	6/1/2007 09:31	16.05	50.538	33.18	6.95	7.96	8.8	0.74
1319	6/1/2007 09:46	16.01	50.544	33.18	6.83	7.96	9.1	0.82
1320	6/1/2007 10:01	15.92	50.571	33.2	6.9	7.96	7.4	0.93
1321	6/1/2007 10:16	15.79	50.664	33.27	7.04	7.96	7.8	1.02
1322	6/1/2007 10:31	15.64	50.768	33.34	6.99	7.95	7.9	1.11
1323	6/1/2007 10:46	15.38	50.923	33.45	6.96	7.93	7.5	1.20
1324	6/1/2007 11:01	15.23	50.968	33.48	6.91	7.92	7.2	1.30
1325	6/1/2007 11:16	15.11	51	33.5	6.88	7.91	7.6	1.40
1326	6/1/2007 11:31	14.98	51.054	33.53	6.87	7.91	7.4	1.48
1327	6/1/2007 11:46	14.84	51.085	33.55	6.83	7.9	7.9	1.56
1328	6/1/2007 12:01	14.66	51.1	33.56	6.82	7.9	6.5	1.64
1329	6/1/2007 12:16	14.45	51.152	33.59	6.8	7.89	7.1	1.72
1330	6/1/2007 12:31	14.27	51.123	33.56	6.73	7.88	5.9	1.77
1331	6/1/2007 12:46	13.98	51.182	33.6	6.62	7.86	6.5	1.84
1332	6/1/2007 13:01	13.89	51.136	33.56	6.49	7.85	5.1	1.91
1333	6/1/2007 13:16	13.72	51.146	33.56	6.21	7.83	4.3	1.96
1334	6/1/2007 13:31	13.27	51.266	33.63	5.91	7.8	4.0	2.01
1335	6/1/2007 13:46	13.11	51.216	33.59	5.82	7.79	3.9	2.05
1336	6/1/2007 14:01	12.99	51.224	33.59	5.78	7.78	3.7	2.08
1337	6/1/2007 14:16	12.92	51.233	33.6	5.73	7.78	3.4	2.10
1338	6/1/2007 14:31	12.95	51.21	33.58	5.74	7.78	3.5	2.10
1339	6/1/2007 14:46	12.96	51.222	33.59	5.65	7.77	4.3	2.08
Mean		14.10	50.68	33.23	6.59	7.91	5.1	1.50
Standard Dev.		1.34	0.59	0.42	0.80	0.09	2.2	0.62

Values in bold red type indicate exceedance of established applicable criteria

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

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 #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	6/1/2007 15:01	12.71	50.874	33.32	6.49	7.81	7.7	2.66
1	6/1/2007 15:16	12.99	50.697	33.21	6.26	7.82	7.7	2.67
2	6/1/2007 15:31	13.45	50.952	33.41	6.47	7.86	8.6	2.61
3	6/1/2007 15:46	13.91	50.566	33.15	6.84	7.9	10.3	2.55
4	6/1/2007 16:01	14.62	50.47	33.1	7.86	8	11.6	2.48
5	6/1/2007 16:16	14.76	50.276	32.96	7.89	8	14.3	2.41
6	6/1/2007 16:31	15.07	50.81	33.36	8.22	8.03	10.5	2.36
7	6/1/2007 16:46	15.38	50.491	33.13	8.5	8.06	10.0	2.30
8	6/1/2007 17:01	15.37	50.724	33.3	8.17	8.04	10.1	2.24
9	6/1/2007 17:16	15.58	50.553	33.18	8.71	8.08	8.7	2.19
10	6/1/2007 17:31	15.74	50.566	33.19	8.84	8.1	7.1	2.16
11	6/1/2007 17:46	15.84	50.833	33.39	8.88	8.1	8.5	2.12
12	6/1/2007 18:01	15.92	50.452	33.11	9.09	8.12	7.8	2.10
13	6/1/2007 18:16	16.08	50.789	33.36	9.22	8.13	6.4	2.08
14	6/1/2007 18:31	16.17	50.65	33.26	9.94	8.18	9.0	2.08
15	6/1/2007 18:46	16.03	50.603	33.23	9.6	8.15	9.1	2.10
16	6/1/2007 19:01	16.02	50.688	33.29	9.04	8.11	9.2	2.10
17	6/1/2007 19:16	15.97	50.851	33.41	8.69	8.09	9.2	2.13
18	6/1/2007 19:31	15.91	50.607	33.23	8.5	8.07	9.7	2.18
19	6/1/2007 19:46	15.77	50.483	33.13	8.51	8.07	11.4	2.22
20	6/1/2007 20:01	15.6	50.819	33.38	8.4	8.06	11.7	2.27
21	6/1/2007 20:16	15.75	50.665	33.27	8.36	8.05	11.9	2.33
22	6/1/2007 20:31	15.38	50.708	33.29	8.12	8.03	11.9	2.39
23	6/1/2007 20:46	14.96	50.669	33.25	7.88	8.01	10.7	2.45
24	6/1/2007 21:01	14.4	50.831	33.35	7.53	7.98	10.8	2.52
25	6/1/2007 21:16	13.86	51.135	33.56	7.29	7.95	11.1	2.58
26	6/1/2007 21:31	13.58	50.999	33.45	7.18	7.94	10.6	2.66
27	6/1/2007 21:46	13.09	50.909	33.37	7.07	7.93	9.7	2.74
28	6/1/2007 22:01	12.74	51.095	33.49	6.95	7.92	10.7	2.81
29	6/1/2007 22:16	12.47	51.192	33.55	6.91	7.92	9.4	2.88
30	6/1/2007 22:31	12.22	50.955	33.36	6.92	7.92	10.0	2.96
31	6/1/2007 22:46	11.69	51.008	33.37	6.93	7.92	8.6	3.04
32	6/1/2007 23:01	11.51	50.945	33.32	6.92	7.92	10.4	3.11
33	6/1/2007 23:16	11.32	50.834	33.23	6.88	7.91	9.1	3.17
34	6/1/2007 23:31	11.19	51.058	33.38	6.79	7.91	7.4	3.23
35	6/1/2007 23:46	11.09	50.873	33.24	6.75	7.91	6.7	3.29
36	6/2/2007 00:01	11.01	51.018	33.34	6.73	7.91	5.8	3.33
37	6/2/2007 00:16	10.98	51.003	33.33	6.7	7.91	5.3	3.35
38	6/2/2007 00:31	10.96	50.953	33.29	6.6	7.9	4.2	3.37
39	6/2/2007 00:46	11.01	50.885	33.25	6.44	7.9	3.8	3.37
40	6/2/2007 01:01	11.06	51.041	33.36	6.54	7.9	4.5	3.35
41	6/2/2007 01:16	11.03	51.115	33.42	6.54	7.9	4.4	3.31
42	6/2/2007 01:31	11.25	51.214	33.5	6.6	7.9	5.0	3.25
43	6/2/2007 01:46	12.26	51.051	33.43	6.55	7.91	6.3	3.19
44	6/2/2007 02:01	12.31	51.117	33.48	6.5	7.9	10.7	3.11
45	6/2/2007 02:16	12.55	50.999	33.41	6.47	7.89	7.3	3.01
46	6/2/2007 02:31	12.62	50.882	33.33	6.58	7.9	9.9	2.91
47	6/2/2007 02:46	12.99	50.662	33.18	6.77	7.92	11.3	2.81

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	6/2/2007 03:01	13.47	50.553	33.12	6.75	7.92	10.1	2.70
49	6/2/2007 03:16	13.82	50.469	33.07	6.66	7.92	9.9	2.59
50	6/2/2007 03:31	14.03	50.379	33.01	6.61	7.91	8.9	2.47
51	6/2/2007 03:46	14.34	50.679	33.24	6.77	7.93	12.1	2.36
52	6/2/2007 04:01	14.7	50.537	33.15	7.06	7.97	16.7	2.23
53	6/2/2007 04:16	14.53	50.471	33.09	6.95	7.95	12.5	2.11
54	6/2/2007 04:31	14.44	50.346	33	6.88	7.94	13.6	1.97
55	6/2/2007 04:46	14.69	50.354	33.01	6.9	7.95	14.9	1.84
56	6/2/2007 05:01	14.52	50.269	32.95	6.75	7.93	14.3	1.70
57	6/2/2007 05:16	14.81	50.546	33.16	6.8	7.94	16.0	1.57
58	6/2/2007 05:31	14.9	50.471	33.1	6.69	7.92	15.4	1.42
59	6/2/2007 05:46	15.15	50.449	33.09	6.74	7.94	17.8	1.28
60	6/2/2007 06:01	15.32	50.356	33.03	6.78	7.95	16.7	1.16
61	6/2/2007 06:16	15.61	50.588	33.21	6.81	7.96	16.5	1.03
62	6/2/2007 06:31	15.62	50.339	33.02	6.82	7.96	16.2	0.91
63	6/2/2007 06:46	15.97	50.217	32.94	6.9	7.98	15.0	0.83
64	6/2/2007 07:01	16.14	50.366	33.05	6.85	7.99	13.5	0.75
65	6/2/2007 07:16	16.41	50.523	33.17	6.92	8	10.7	0.72
66	6/2/2007 07:31	16.41	50.47	33.13	6.63	8	9.2	0.72
67	6/2/2007 07:46	16.43	50.239	32.97	7.2	8.02	12.1	0.75
68	6/2/2007 08:01	16.44	50.371	33.06	7.24	8.03	12.3	0.80
69	6/2/2007 08:16	16.33	50.545	33.19	7.24	8.02	10.9	0.85
70	6/2/2007 08:31	16.35	50.406	33.09	7.34	8.03	12.4	0.92
71	6/2/2007 08:46	16.29	50.293	33	7.35	8.03	13.0	0.97
72	6/2/2007 09:01	16.31	50.254	32.97	7.31	8.03	14.6	1.04
73	6/2/2007 09:16	16.27	50.225	32.95	7.26	8.02	14.7	1.11
74	6/2/2007 09:31	16.3	50.065	32.84	7.22	8.02	14.6	1.17
75	6/2/2007 09:46	16.19	50.223	32.95	7.16	8.01	15.5	1.25
76	6/2/2007 10:01	16.17	49.967	32.76	7.15	8.01	14.9	1.33
77	6/2/2007 10:16	16.16	49.894	32.71	7.14	8.01	15.0	1.41
78	6/2/2007 10:31	16.05	50.206	32.93	7.15	8	15.7	1.51
79	6/2/2007 10:46	15.93	50.274	32.98	7.14	8	16.1	1.61
80	6/2/2007 11:01	15.55	50.119	32.86	7.06	7.98	19.4	1.71
81	6/2/2007 11:16	15.33	50.248	32.95	7.03	7.97	18.8	1.79
82	6/2/2007 11:31	15.15	50.375	33.04	6.91	7.95	18.0	1.89
83	6/2/2007 11:46	15.03	50.466	33.1	6.86	7.95	29.1	2.00
84	6/2/2007 12:01	14.98	50.157	32.88	6.84	7.94	26.0	2.08
85	6/2/2007 12:16	14.83	50.022	32.77	6.71	7.93	24.8	2.16
86	6/2/2007 12:31	14.59	50.207	32.9	6.62	7.92	21.2	2.25
87	6/2/2007 12:46	14.42	50.252	32.93	6.51	7.91	19.0	2.32
88	6/2/2007 13:01	14.13	50.642	33.21	5.91	7.86	20.6	2.39
89	6/2/2007 13:16	13.96	50.624	33.19	4.95	7.79	17.4	2.45
90	6/2/2007 13:31	13.68	50.565	33.14	5.12	7.8	25.5	2.53
91	6/2/2007 13:46	13.13	50.817	33.3	5.51	7.82	17.1	2.58
92	6/2/2007 14:01	12.7	50.767	33.25	5.72	7.84	17.1	2.62
93	6/2/2007 14:16	12.47	50.664	33.16	5.79	7.84	14.7	2.67
94	6/2/2007 14:31	12.32	50.626	33.13	5.86	7.85	12.2	2.72
95	6/2/2007 14:46	12.31	50.645	33.14	5.9	7.85	10.6	2.74

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	6/2/2007 15:01	12.62	50.751	33.23	5.62	7.84	8.5	2.74
97	6/2/2007 15:16	12.42	50.548	33.07	5.64	7.84	8.0	2.75
98	6/2/2007 15:31	12.4	50.446	33	5.75	7.85	6.8	2.73
99	6/2/2007 15:46	12.5	50.693	33.18	5.73	7.84	7.1	2.68
100	6/2/2007 16:01	13.49	50.438	33.04	5.82	7.88	10.8	2.62
101	6/2/2007 16:16	13.78	50.69	33.23	5.75	7.87	11.9	2.57
102	6/2/2007 16:31	14.31	50.595	33.18	6.25	7.92	11.3	2.51
103	6/2/2007 16:46	14.8	50.399	33.05	6.74	7.95	11.9	2.45
104	6/2/2007 17:01	15.03	50.022	32.78	6.88	7.98	10.7	2.38
105	6/2/2007 17:16	15.2	50.174	32.89	7.35	8	11.0	2.32
106	6/2/2007 17:31	15.31	50.285	32.98	7.46	8	9.1	2.26
107	6/2/2007 17:46	15.46	50.071	32.82	7.8	8.03	8.5	2.21
108	6/2/2007 18:01	15.71	50.107	32.86	8.26	8.06	8.2	2.16
109	6/2/2007 18:16	15.84	50.156	32.89	8.41	8.07	8.2	2.14
110	6/2/2007 18:31	15.94	50.157	32.9	8.57	8.09	7.4	2.11
111	6/2/2007 18:46	16.06	50.228	32.95	8.72	8.1	7.7	2.08
112	6/2/2007 19:01	16.14	50.109	32.87	8.84	8.1	10.0	2.08
113	6/2/2007 19:16	16.08	50.208	32.94	9.16	8.12	9.5	2.09
114	6/2/2007 19:31	16	50.242	32.96	8.61	8.08	9.9	2.11
115	6/2/2007 19:46	15.93	50.088	32.85	8.48	8.07	11.4	2.11
116	6/2/2007 20:01	15.86	50.097	32.85	7.96	8.03	11.4	2.15
117	6/2/2007 20:16	15.74	50.286	32.99	7.81	8.02	15.6	2.20
118	6/2/2007 20:31	15.6	50.094	32.84	7.68	8.01	14.7	2.25
119	6/2/2007 20:46	15.69	50.183	32.91	7.73	8.01	15.4	2.29
120	6/2/2007 21:01	15.34	50.464	33.11	7.37	7.98	15.4	2.36
121	6/2/2007 21:16	14.8	50.029	32.78	6.92	7.94	13.2	2.43
122	6/2/2007 21:31	14.4	50.016	32.76	6.81	7.93	11.8	2.48
123	6/2/2007 21:46	13.74	50.598	33.16	6.48	7.9	9.9	2.55
124	6/2/2007 22:01	13.38	50.551	33.12	6.38	7.89	11.1	2.62
125	6/2/2007 22:16	13.14	50.619	33.16	6.34	7.89	10.1	2.69
126	6/2/2007 22:31	12.7	50.453	33.02	6.28	7.88	9.3	2.76
127	6/2/2007 22:46	12.53	50.579	33.1	6.22	7.87	9.3	2.83
128	6/2/2007 23:01	12.07	50.576	33.08	6.26	7.87	8.5	2.91
129	6/2/2007 23:16	11.79	50.558	33.05	6.3	7.87	9.4	2.99
130	6/2/2007 23:31	11.68	50.415	32.94	6.32	7.87	8.9	3.05
131	6/2/2007 23:46	11.31	50.467	32.96	6.3	7.87	8.7	3.12
132	6/3/2007 00:01	11.08	50.806	33.19	6.19	7.86	7.7	3.18
133	6/3/2007 00:16	10.89	51.016	33.34	6.28	7.86	7.2	3.23
134	6/3/2007 00:31	10.84	50.355	32.85	6.32	7.87	6.8	3.28
135	6/3/2007 00:46	10.79	50.347	32.84	6.4	7.87	5.5	3.30
136	6/3/2007 01:01	10.78	50.309	32.81	6.39	7.87	6.3	3.34
137	6/3/2007 01:16	10.73	50.471	32.93	6.39	7.87	5.7	3.34
138	6/3/2007 01:31	10.76	50.351	32.84	6.28	7.87	4.7	3.32
139	6/3/2007 01:46	10.72	50.421	32.89	6.31	7.87	4.1	3.31
140	6/3/2007 02:01	12.47	51.31	33.63	6.25	7.9	6.1	3.27
141	6/3/2007 02:16	12.28	50.444	32.99	6.11	7.88	4.6	3.21
142	6/3/2007 02:31	12.04	50.629	33.12	5.97	7.86	6.1	3.13
143	6/3/2007 02:46	12.56	50.374	32.95	5.81	7.84	8.8	3.05

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	6/3/2007 03:01	12.49	50.354	32.94	5.81	7.85	8.8	2.97
145	6/3/2007 03:16	12.81	50.552	33.09	5.99	7.86	8.9	2.85
146	6/3/2007 03:31	13.25	50.533	33.1	6.07	7.87	8.9	2.76
147	6/3/2007 03:46	13.64	50.421	33.03	6.06	7.87	8.6	2.65
148	6/3/2007 04:01	14.01	50.093	32.8	6.04	7.87	10.8	2.53
149	6/3/2007 04:16	14.19	50.323	32.98	6.03	7.87	9.6	2.42
150	6/3/2007 04:31	14.63	50.23	32.92	6.26	7.9	12.4	2.30
151	6/3/2007 04:46	14.7	50.094	32.82	6.22	7.89	12.3	2.18
152	6/3/2007 05:01	14.59	49.873	32.66	6.26	7.89	12.1	2.04
153	6/3/2007 05:16	14.83	50.514	33.13	6.44	7.91	13.6	1.92
154	6/3/2007 05:31	14.77	50.381	33.04	6.3	7.89	14.6	1.78
155	6/3/2007 05:46	14.64	50.345	33.01	6.15	7.87	15.7	1.63
156	6/3/2007 06:01	14.81	50.37	33.03	6.11	7.87	17.1	1.50
157	6/3/2007 06:16	15.02	50.141	32.87	6.23	7.88	18.0	1.37
158	6/3/2007 06:31	15.25	50.446	33.09	6.28	7.9	18.6	1.21
159	6/3/2007 06:46	15.52	50.215	32.93	6.38	7.91	19.4	1.10
160	6/3/2007 07:01	15.62	50.105	32.85	6.46	7.92	21.5	0.98
161	6/3/2007 07:16	15.79	50.188	32.92	6.56	7.93	18.0	0.87
162	6/3/2007 07:31	16.18	49.942	32.74	6.68	7.95	13.8	0.79
163	6/3/2007 07:46	16.39	49.919	32.73	6.76	7.97	14.6	0.74
164	6/3/2007 08:01	16.39	49.941	32.75	6.53	7.96	12.4	0.73
165	6/3/2007 08:16	16.58	49.936	32.75	6.91	7.99	11.8	0.73
166	6/3/2007 08:31	16.56	50.224	32.96	6.94	7.99	12.0	0.78
167	6/3/2007 08:46	16.46	49.911	32.73	6.89	7.98	11.9	0.83
168	6/3/2007 09:01	16.45	49.907	32.72	7	7.98	13.6	0.89
169	6/3/2007 09:16	16.44	50.147	32.9	6.98	7.98	13.5	0.95
170	6/3/2007 09:31	16.4	50.031	32.81	6.98	7.98	13.2	0.99
171	6/3/2007 09:46	16.45	49.628	32.52	6.97	7.98	13.4	1.06
172	6/3/2007 10:01	16.47	49.771	32.62	6.98	7.98	15.9	1.14
173	6/3/2007 10:16	16.52	49.708	32.58	6.96	7.98	15.1	1.18
174	6/3/2007 10:31	16.32	49.746	32.6	6.83	7.97	15.7	1.28
175	6/3/2007 10:46	16.25	49.65	32.53	6.81	7.96	15.5	1.36
176	6/3/2007 11:01	16.23	49.665	32.54	6.83	7.96	16.1	1.44
177	6/3/2007 11:16	16.03	49.995	32.78	6.74	7.95	17.5	1.54
178	6/3/2007 11:31	16	50.009	32.79	6.73	7.95	14.8	1.64
179	6/3/2007 11:46	15.53	50.263	32.97	6.58	7.93	17.2	1.73
180	6/3/2007 12:01	15.42	50.319	33.01	6.52	7.92	16.9	1.83
181	6/3/2007 12:16	15.33	50.331	33.01	6.44	7.91	17.0	1.93
182	6/3/2007 12:31	15.28	49.851	32.66	6.41	7.91	17.2	2.02
183	6/3/2007 12:46	15.16	49.891	32.69	6.38	7.9	16.1	2.10
184	6/3/2007 13:01	15.13	49.922	32.71	6.36	7.9	16.6	2.19
185	6/3/2007 13:16	14.66	50.405	33.05	6.2	7.88	18.2	2.27
186	6/3/2007 13:31	14.55	50.233	32.92	6.13	7.88	17.6	2.35
187	6/3/2007 13:46	14.34	50.372	33.02	5.9	7.85	17.4	2.41
188	6/3/2007 14:01	14.2	50.281	32.95	5.49	7.82	14.9	2.48
189	6/3/2007 14:16	14.12	50.455	33.07	5.42	7.82	13.3	2.54
190	6/3/2007 14:31	13.62	50.431	33.04	5.45	7.81	12.4	2.60
191	6/3/2007 14:46	13.17	50.478	33.06	5.49	7.81	13.0	2.65

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	6/3/2007 15:01	12.99	50.423	33.01	5.62	7.82	9.4	2.69
193	6/3/2007 15:16	12.72	50.397	32.98	5.75	7.83	8.9	2.73
194	6/3/2007 15:31	12.62	50.434	33	5.82	7.83	8.4	2.76
195	6/3/2007 15:46	12.94	50.375	32.97	5.55	7.82	6.6	2.75
196	6/3/2007 16:01	12.67	50.229	32.85	5.64	7.82	7.6	2.74
197	6/3/2007 16:16	12.67	50.531	33.07	5.72	7.83	6.4	2.73
198	6/3/2007 16:31	13.01	50.532	33.09	5.61	7.82	8.9	2.68
199	6/3/2007 16:46	14.21	50.353	33	6.08	7.88	13.2	2.60
200	6/3/2007 17:01	14.34	50.434	33.06	6.21	7.88	12.4	2.55
201	6/3/2007 17:16	14.79	50.274	32.96	6.7	7.93	13.0	2.49
202	6/3/2007 17:31	15.37	49.886	32.69	7.18	7.99	13.0	2.42
203	6/3/2007 17:46	15.3	49.822	32.64	7.19	7.97	11.8	2.36
204	6/3/2007 18:01	15.52	49.963	32.75	7.31	7.99	11.4	2.30
205	6/3/2007 18:16	15.56	50.133	32.87	6.99	7.96	9.8	2.26
206	6/3/2007 18:31	15.78	49.96	32.75	7.34	7.99	8.9	2.21
207	6/3/2007 18:46	15.89	49.949	32.74	7.33	7.99	8.1	2.18
208	6/3/2007 19:01	16.04	50.067	32.83	7.54	8.01	6.6	2.14
209	6/3/2007 19:16	16.16	49.885	32.7	7.66	8.02	6.6	2.13
210	6/3/2007 19:31	16.26	50.093	32.86	8.49	8.08	9.2	2.12
211	6/3/2007 19:46	16.36	50.141	32.89	8.77	8.09	8.0	2.10
212	6/3/2007 20:01	16.26	49.785	32.63	8.5	8.07	7.8	2.10
213	6/3/2007 20:16	16.16	50	32.79	7.94	8.02	9.7	2.13
214	6/3/2007 20:31	16.06	50.009	32.79	7.88	8.02	10.7	2.15
215	6/3/2007 20:46	16.05	49.804	32.64	7.65	8	11.3	2.16
216	6/3/2007 21:01	16.04	50.265	32.98	7.76	8.01	10.3	2.21
217	6/3/2007 21:16	15.94	49.925	32.73	7.56	7.99	12.0	2.27
218	6/3/2007 21:31	15.89	50.108	32.86	7.42	7.98	12.2	2.31
219	6/3/2007 21:46	15.62	49.838	32.66	7.2	7.97	12.6	2.36
220	6/3/2007 22:01	14.96	49.898	32.69	6.77	7.92	9.4	2.42
221	6/3/2007 22:16	14.46	50.15	32.86	6.48	7.9	9.6	2.48
222	6/3/2007 22:31	14.1	50.034	32.76	6.45	7.89	9.4	2.54
223	6/3/2007 22:46	13.48	50.42	33.02	6.28	7.87	10.2	2.61
224	6/3/2007 23:01	13.18	50.18	32.84	6.26	7.87	9.5	2.67
225	6/3/2007 23:16	12.88	50.311	32.92	6.24	7.86	8.1	2.74
226	6/3/2007 23:31	12.54	50.326	32.92	6.25	7.86	7.3	2.81
227	6/3/2007 23:46	12.14	50.58	33.08	6.38	7.87	8.5	2.87
228	6/4/2007 00:01	11.81	50.504	33.01	6.53	7.88	7.1	2.94
229	6/4/2007 00:16	11.74	50.474	32.99	6.57	7.88	7.5	3.00
230	6/4/2007 00:31	11.48	50.506	33	6.74	7.89	6.4	3.07
231	6/4/2007 00:46	11.36	50.532	33.01	6.72	7.89	6.1	3.13
232	6/4/2007 01:01	11.27	50.268	32.81	6.64	7.89	6.0	3.17
233	6/4/2007 01:16	11.2	50.575	33.03	6.63	7.89	5.7	3.22
234	6/4/2007 01:31	11.13	50.779	33.18	6.59	7.89	5.6	3.26
235	6/4/2007 01:46	11.1	50.509	32.98	6.52	7.88	4.0	3.27
236	6/4/2007 02:01	11.13	50.727	33.14	6.38	7.88	4.1	3.30
237	6/4/2007 02:16	11.19	50.549	33.01	6.39	7.88	4.5	3.28
238	6/4/2007 02:31	11.04	50.51	32.98	6.48	7.88	4.4	3.25
239	6/4/2007 02:46	12.22	50.172	32.79	6.25	7.87	5.2	3.23

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	6/4/2007 03:01	13.15	50.396	32.99	6.05	7.87	6.8	3.15
241	6/4/2007 03:16	12.45	50.591	33.11	6.15	7.86	6.0	3.08
242	6/4/2007 03:31	12.95	50.467	33.04	5.77	7.83	6.5	3.00
243	6/4/2007 03:46	13.06	50.308	32.93	5.75	7.83	7.3	2.90
244	6/4/2007 04:01	13.27	50.421	33.02	5.71	7.82	7.8	2.80
245	6/4/2007 04:16	13.61	51.159	33.57	5.75	7.83		2.70
246	6/4/2007 04:31	14.05	50.429	33.05	5.76	7.84	9.0	2.59
247	6/4/2007 04:46	14.43	50.479	33.1	5.69	7.83	9.6	2.48
248	6/4/2007 05:01	14.69	50.207	32.91	5.59	7.82	10.5	2.37
249	6/4/2007 05:16	15.23	50.372	33.04	6.11	7.89	14.3	2.24
250	6/4/2007 05:31	15.35	50.417	33.08	6.25	7.89	13.5	2.11
251	6/4/2007 05:46	15.25	50.128	32.86	6.19	7.88	12.6	2.00
252	6/4/2007 06:01	14.91	50.161	32.88	6.01	7.85	13.6	1.85
253	6/4/2007 06:16	15.39	50.392	33.06	6.06	7.87	15.7	1.73
254	6/4/2007 06:31	15.1	50.006	32.77	5.94	7.84	16.6	1.57
255	6/4/2007 06:46	15.33	49.891	32.69	5.95	7.85	17.2	1.43
256	6/4/2007 07:01	15.54	50.139	32.88	6.04	7.86	19.8	1.31
257	6/4/2007 07:16	15.7	50.01	32.79	6.08	7.86	19.4	1.20
258	6/4/2007 07:31	16.01	50.157	32.9	6.26	7.88	19.1	1.06
259	6/4/2007 07:46	16.15	50.066	32.83	6.35	7.89	20.3	0.97
260	6/4/2007 08:01	16.62	50.152	32.9	6.51	7.92	21.0	0.90
261	6/4/2007 08:16	16.7	50.026	32.81	6.59	7.94	19.0	0.86
262	6/4/2007 08:31	16.97	50.16	32.91	6.65	7.95	13.6	0.81
263	6/4/2007 08:46	17.11	50.25	32.98	6.67	7.96	10.2	0.77
264	6/4/2007 09:01	17.17	50.312	33.03	6.7	7.96	10.5	0.78
265	6/4/2007 09:16	17.09	50.056	32.84	6.79	7.96	12.4	0.80
266	6/4/2007 09:31	17.03	49.961	32.77	6.78	7.95	11.4	0.85
267	6/4/2007 09:46	16.93	50.003	32.8	6.72	7.94	13.7	0.89
268	6/4/2007 10:01	16.91	49.995	32.79	6.72	7.95	15.7	0.97
269	6/4/2007 10:16	16.86	50.06	32.84	6.7	7.94	15.0	1.04
270	6/4/2007 10:31	16.98	49.935	32.75	6.68	7.94	17.2	1.08
271	6/4/2007 10:46	16.74	50.125	32.89	6.6	7.93	16.0	1.18
272	6/4/2007 11:01	16.76	49.83	32.67	6.53	7.93	15.8	1.24
273	6/4/2007 11:16	16.72	50.085	32.86	6.49	7.93	16.6	1.31
274	6/4/2007 11:31	16.6	49.792	32.64	6.49	7.92	18.0	1.43
275	6/4/2007 11:46	16.67	49.74	32.6	6.55	7.92	15.2	1.47
276	6/4/2007 12:01	16.4	49.979	32.77	6.44	7.91	15.8	1.59
277	6/4/2007 12:16	16.33	49.769	32.62	6.41	7.91	15.7	1.68
278	6/4/2007 12:31	15.96	50.041	32.81	6.29	7.89	18.4	1.76
279	6/4/2007 12:46	15.73	50.103	32.85	6.25	7.89	19.2	1.87
280	6/4/2007 13:01	15.51	49.959	32.74	6.18	7.88	18.6	1.95
281	6/4/2007 13:16	15.34	49.955	32.74	6.11	7.87	17.9	2.04
282	6/4/2007 13:31	15.26	49.834	32.65	6.05	7.86	17.1	2.13
283	6/4/2007 13:46	15.15	50.13	32.86	6.08	7.86	16.3	2.21
284	6/4/2007 14:01	14.91	50.106	32.84	6.06	7.86	18.2	2.29
285	6/4/2007 14:16	14.65	49.809	32.61	6.07	7.86	23.6	2.36
286	6/4/2007 14:31	14.35	50.199	32.89	5.98	7.85	16.8	2.44
287	6/4/2007 14:46	14.24	50.046	32.78	5.82	7.83	15.7	2.48

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	6/4/2007 15:01	14.07	50.213	32.89	5.58	7.81	14.4	2.56
289	6/4/2007 15:16	13.83	50.248	32.91	5.62	7.81	11.2	2.60
290	6/4/2007 15:31	13.18	50.329	32.95	5.87	7.83	11.4	2.65
291	6/4/2007 15:46	13.02	50.073	32.75	6	7.83	10.1	2.69
292	6/4/2007 16:01	12.83	50.197	32.84	6.14	7.85	8.9	2.72
293	6/4/2007 16:16	12.78	50.123	32.78	6.21	7.85	7.5	2.74
294	6/4/2007 16:31	12.86	50.293	32.91	6.05	7.85	6.4	2.75
295	6/4/2007 16:46	12.78	50.466	33.03	6.14	7.85	5.7	2.74
296	6/4/2007 17:01	12.67	49.763	32.51	6.39	7.87	5.6	2.72
297	6/4/2007 17:16	12.95	50.303	32.92	6.15	7.85	7.8	2.67
298	6/4/2007 17:31	13.65	49.957	32.69	5.9	7.84	10.3	2.63
299	6/4/2007 17:46	13.92	49.967	32.71	5.92	7.85	10.0	2.58
300	6/4/2007 18:01	14.55	50.149	32.86	6.47	7.91	14.0	2.49
301	6/4/2007 18:16	15.19	50.275	32.97	7.24	7.99	11.5	2.43
302	6/4/2007 18:31	15.12	50.288	32.98	7.04	7.95	11.1	2.39
303	6/4/2007 18:46	15.25	49.868	32.67	6.88	7.95	11.6	2.34
304	6/4/2007 19:01	15.36	49.94	32.73	6.73	7.93	12.7	2.26
305	6/4/2007 19:16	15.49	50.272	32.97	6.64	7.92	9.6	2.23
306	6/4/2007 19:31	15.58	50.058	32.82	6.74	7.93	9.4	2.19
307	6/4/2007 19:46	15.62	49.877	32.69	6.55	7.92	6.0	2.17
308	6/4/2007 20:01	15.66	50.135	32.88	6.65	7.93	6.6	2.12
309	6/4/2007 20:16	15.7	50.056	32.82	6.46	7.92	5.0	2.11
310	6/4/2007 20:31	15.68	49.985	32.77	7.21	7.97	9.5	2.11
311	6/4/2007 20:46	15.49	49.784	32.62	7.35	7.98	9.2	2.11
312	6/4/2007 21:01	15.67	49.763	32.6	7.12	7.95	8.8	2.10
313	6/4/2007 21:16	15.6	50.163	32.9	7	7.94	8.8	2.12
314	6/4/2007 21:31	15.61	50.256	32.96	6.89	7.93	9.2	2.16
315	6/4/2007 21:46	15.57	50.073	32.83	6.9	7.93	10.5	2.20
316	6/4/2007 22:01	15.48	50.003	32.78	6.89	7.93	10.7	2.24
317	6/4/2007 22:16	15.44	50.044	32.8	6.9	7.93	9.9	2.28
318	6/4/2007 22:31	15.29	49.905	32.7	6.82	7.92	9.8	2.34
319	6/4/2007 22:46	14.85	49.871	32.66	6.59	7.9	10.8	2.41
320	6/4/2007 23:01	14.62	50.15	32.86	6.48	7.89	8.8	2.45
321	6/4/2007 23:16	14.37	50.176	32.87	6.47	7.89	8.6	2.52
322	6/4/2007 23:31	13.55	50.349	32.97	6.44	7.87	9.4	2.58
323	6/4/2007 23:46	13.5	50.331	32.96	6.39	7.87	9.1	2.64
324	6/5/2007 00:01	13.23	50.293	32.92	6.43	7.87	9.2	2.70
325	6/5/2007 00:16	12.79	50.504	33.06	6.65	7.89	7.8	2.76
326	6/5/2007 00:31	12.62	50.297	32.9	6.74	7.9	8.3	2.82
327	6/5/2007 00:46	12.42	50.216	32.83	6.96	7.91	7.7	2.89
328	6/5/2007 01:01	12.2	50.132	32.76	7.29	7.94	6.6	2.95
329	6/5/2007 01:16	12.03	49.994	32.65	7.55	7.96	6.4	3.01
330	6/5/2007 01:31	11.89	50.278	32.85	7.72	7.98	5.6	3.06
331	6/5/2007 01:46	11.81	50.271	32.84	7.86	7.99	5.0	3.10
332	6/5/2007 02:01	11.73	50.991	33.36	8	8.01	4.9	3.15
333	6/5/2007 02:16	11.62	50.105	32.71	8.22	8.02	4.3	3.17
334	6/5/2007 02:31	11.62	50.498	33	8.07	8.02	3.3	3.18
335	6/5/2007 02:46	11.7	50.533	33.03	7.89	8.01	3.8	3.20

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	6/5/2007 03:01	11.65	50.493	33	7.98	8.01	3.1	3.18
337	6/5/2007 03:16	11.57	50.421	32.94	8.19	8.03	3.9	3.14
338	6/5/2007 03:31	11.58	50.332	32.88	8.22	8.03	4.1	3.11
339	6/5/2007 03:46	12.34	50.512	33.04	7.45	7.97	4.4	3.06
340	6/5/2007 04:01	12.6	50.479	33.03	7.08	7.94	6.1	2.98
341	6/5/2007 04:16	13.14	50.096	32.78	6.4	7.88	7.9	2.90
342	6/5/2007 04:31	13.22	50.356	32.97	5.09	7.86	8.1	2.82
343	6/5/2007 04:46	13.32	50.015	32.72	5.16	7.86	8.3	2.73
344	6/5/2007 05:01	13.63	50.072	32.78	4.88	7.83	8.1	2.64
345	6/5/2007 05:16	13.8	50.218	32.89	5.24	7.84	10.7	2.54
346	6/5/2007 05:31	13.81	50.142	32.83	5.04	7.81	9.6	2.43
347	6/5/2007 05:46	14.16	50.24	32.92	5.11	7.8	10.3	2.33
348	6/5/2007 06:01	14.07	50.366	33	5.05	7.79	9.9	2.23
349	6/5/2007 06:16	14.62	50.38	33.03	5.12	7.82	18.1	2.09
350	6/5/2007 06:31	15.01	49.817	32.63	4.99	7.84	15.1	1.97
351	6/5/2007 06:46	14.98	50.212	32.92	4.85	7.83	13.6	1.85
352	6/5/2007 07:01	14.71	50.182	32.89	4.75	7.82	15.8	1.72
353	6/5/2007 07:16	14.89	50.283	32.97	4.8	7.82	16.9	1.58
354	6/5/2007 07:31	14.95	50.315	32.99	4.75	7.83	16.8	1.44
355	6/5/2007 07:46	15.13	50.844	33.38	4.75	7.83	18.6	1.32
356	6/5/2007 08:01	15.43	49.992	32.77	4.77	7.84	16.5	1.20
357	6/5/2007 08:16	15.64	50.143	32.88	4.9	7.85	18.5	1.08
358	6/5/2007 08:31	15.94	49.993	32.78	4.89	7.87	17.7	0.98
359	6/5/2007 08:46	16.11	50.018	32.8	5.01	7.88	13.6	0.90
360	6/5/2007 09:01	16.25	50.008	32.79	4.77	7.88	12.6	0.84
361	6/5/2007 09:16	16.31	49.956	32.76	4.74	7.88	11.3	0.81
362	6/5/2007 09:31	16.68	50.054	32.83	4.8	7.9	8.0	0.81
363	6/5/2007 09:46	16.52	49.838	32.67	4.67	7.9	10.7	0.82
364	6/5/2007 10:01	16.86	49.995	32.79	4.62	7.92	9.0	0.87
365	6/5/2007 10:16	16.66	49.696	32.57	4.66	7.9	10.3	0.91
366	6/5/2007 10:31	16.64	49.807	32.65	4.49	7.91	11.6	0.97
367	6/5/2007 10:46	16.56	49.864	32.69	4.52	7.9	11.5	1.03
368	6/5/2007 11:01	16.58	50.021	32.81	4.51	7.9	11.6	1.09
369	6/5/2007 11:16	16.55	49.835	32.67	4.04	7.89	13.2	1.15
370	6/5/2007 11:31	16.81	49.527	32.45	3.86	7.9	12.5	1.21
371	6/5/2007 11:46	16.78	49.298	32.28	3.97	7.9	11.9	1.29
372	6/5/2007 12:01	16.71	49.245	32.24	4.06	7.9	13.2	1.37
373	6/5/2007 12:16	16.26	49.577	32.48	3.83	7.88	14.1	1.43
374	6/5/2007 12:31	16.21	49.542	32.45	3.85	7.88	14.9	1.53
375	6/5/2007 12:46	16.06	49.847	32.67	3.54	7.88	14.9	1.63
376	6/5/2007 13:01	15.95	49.893	32.7	3.47	7.87	14.4	1.71
377	6/5/2007 13:16	15.59	49.913	32.71	3.6	7.87	15.5	1.79
378	6/5/2007 13:31	15.48	49.921	32.72	3.39	7.87	16.5	1.90
379	6/5/2007 13:46	15.45	49.67	32.53	3.34	7.87	16.1	1.99
380	6/5/2007 14:01	15.42	50.121	32.86	3.3	7.87	14.6	2.07
381	6/5/2007 14:16	15.33	50.191	32.91	3.19	7.87	14.8	2.15
382	6/5/2007 14:31	15.29	50.01	32.78	3.38	7.87	15.0	2.24
383	6/5/2007 14:46	15.03	50.17	32.89	3.14	7.87	15.5	2.31

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
384	6/5/2007 15:01	14.66	50.092	32.82	2.9	7.86	15.6	2.38
385	6/5/2007 15:16	14.47	50.126	32.84	2.79	7.86	16.9	2.45
386	6/5/2007 15:31	14.3	50.248	32.93	2.8	7.86	15.2	2.51
387	6/5/2007 15:46	14.18	50.243	32.92	2.74	7.88	12.5	2.57
388	6/5/2007 16:01	13.9	50.266	32.93	2.68	7.89	11.7	2.62
389	6/5/2007 16:16	13.52	50.241	32.89	2.79	7.92	10.1	2.67
390	6/5/2007 16:31	13.2	50.147	32.81	2.89	7.96	7.8	2.71
391	6/5/2007 16:46	13.06	50.234	32.87	2.98	7.98	6.3	2.73
392	6/5/2007 17:01	12.99	50.161	32.82	2.87	7.99	5.5	2.77
393	6/5/2007 17:16	13.03	50.162	32.82	2.95	7.98	6.3	2.75
394	6/5/2007 17:31	13.02	50.206	32.85	2.93	7.99	5.6	2.74
395	6/5/2007 17:46	13.08	50.163	32.82	2.86	7.98	4.4	2.72
396	6/5/2007 18:01	13.31	50.232	32.88	2.86	7.96	7.2	2.67
397	6/5/2007 18:16	14.55	50.206	32.9	3.23	7.96	9.8	2.62
398	6/5/2007 18:31	14.85	50.195	32.9	2.66	7.95	8.8	2.58
399	6/5/2007 18:46	15.06	49.672	32.52	2.84	7.98	10.4	2.51
400	6/5/2007 19:01	15.33	49.72	32.57	2.83	7.97	11.1	2.45
401	6/5/2007 19:16	15.43	50.111	32.85	2.99	7.97	10.9	2.39
402	6/5/2007 19:31	15.77	50.211	32.93	3.02	8	9.3	2.33
403	6/5/2007 19:46	15.88	49.939	32.74	2.74	7.99	8.6	2.28
404	6/5/2007 20:01	16.06	49.822	32.65	2.75	8.03	9.7	2.23
405	6/5/2007 20:16	16.11	50.229	32.95	2.85	8.01	8.8	2.20
406	6/5/2007 20:31	16.17	49.987	32.78	3.16	8.05	11.1	2.15
407	6/5/2007 20:46	16.25	49.93	32.74	2.65	8.03	6.7	2.13
408	6/5/2007 21:01	16.32	49.852	32.68	2.96	8.05	7.0	2.11
409	6/5/2007 21:16	16.42	50.039	32.82	3.55	8.05	4.7	2.10
410	6/5/2007 21:31	16.47	50.002	32.79	3.09	8.09	6.6	2.09
411	6/5/2007 21:46	16.28	49.904	32.72	3.1	8.06	6.7	2.08
412	6/5/2007 22:01	16.32	49.727	32.59	2.93	8.04	7.7	2.10
413	6/5/2007 22:16	16.29	49.871	32.69	2.75	8.01	8.0	2.12
414	6/5/2007 22:31	16.2	50.049	32.82	2.79	7.98	8.1	2.14
415	6/5/2007 22:46	16.14	50.07	32.84	2.49	7.97	8.6	2.18
416	6/5/2007 23:01	16.08	50.031	32.81	2.75	7.97	9.6	2.23
417	6/5/2007 23:16	16.01	50.118	32.87	2.96	7.98	9.5	2.27
418	6/5/2007 23:31	16.04	49.797	32.64	2.76	7.99	9.6	2.32
419	6/5/2007 23:46	15.68	49.981	32.76	2.46	7.97	10.1	2.38
420	6/6/2007 00:01	15.44	49.79	32.62	2.44	7.96	8.9	2.43
421	6/6/2007 00:16	15.08	50.317	33	2.34	7.96	9.6	2.49
422	6/6/2007 00:31	14.66	50.285	32.96	2.27	7.97	9.2	2.54
423	6/6/2007 00:46	14.24	50.3	32.96	2.45	7.98	7.8	2.59
424	6/6/2007 01:01	13.74	50.21	32.88	2.5	7.99	8.8	2.65
425	6/6/2007 01:16	13.52	50.153	32.83	2.84	8	8.0	2.71
426	6/6/2007 01:31	13.43	50.335	32.96	2.72	8.01	8.3	2.77
427	6/6/2007 01:46	13.14	50.305	32.93	2.89	8.02	6.6	2.82
428	6/6/2007 02:01	12.79	50.091	32.76	3.06	8.04	7.0	2.87
429	6/6/2007 02:16	12.62	50.093	32.75	3.28	8.05	5.6	2.93
430	6/6/2007 02:31	12.5	50.364	32.94	3.67	8.06	6.3	2.97
431	6/6/2007 02:46	12.47	50.357	32.94	3.55	8.06	4.8	3.00

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	6/6/2007 03:01	12.35	50.198	32.82	3.52	8.07	3.8	3.03
433	6/6/2007 03:16	12.23	50.124	32.76	3.56	8.08	4.1	3.07
434	6/6/2007 03:31	12.2	50.41	32.96	3.53	8.09	3.1	3.07
435	6/6/2007 03:46	12.25	50.544	33.06	2.77	8.08	4.8	3.05
436	6/6/2007 04:01	12.23	50.275	32.87	3.81	8.08	4.1	3.05
437	6/6/2007 04:16	12.6	50.493	33.04	3.38	8.06	3.9	3.02
438	6/6/2007 04:31	13	50.444	33.02	3.33	8.03	4.4	2.98
439	6/6/2007 04:46	13.38	50.381	32.99	3.37	8.01	6.2	2.91
440	6/6/2007 05:01	13.4	50.171	32.84	3.41	8	7.1	2.84
441	6/6/2007 05:16	13.64	50.453	33.05	3.18	7.98	15.2	2.77
442	6/6/2007 05:31	13.85	50.281	32.94	2.75	7.96	8.5	2.68
443	6/6/2007 05:46	14	50.18	32.87	3.13	7.95	10.8	2.58
444	6/6/2007 06:01	14.42	50.027	32.77	2.5	7.89	8.6	2.49
445	6/6/2007 06:16	14.31	50.487	33.1	2.78	7.87	10.5	2.40
446	6/6/2007 06:31	14.38	50.284	32.95	2.31	7.86	9.1	2.30
447	6/6/2007 06:46	14.74	50.159	32.87	2.76	7.86	10.2	2.19
448	6/6/2007 07:01	15.02	50.235	32.93	2.99	7.9	12.2	2.08
449	6/6/2007 07:16	15.51	49.809	32.63	2.63	7.95	16.0	1.96
450	6/6/2007 07:31	15.55	50.174	32.9	3.27	7.95	12.4	1.85
451	6/6/2007 07:46	15.62	50.116	32.86	3.39	7.94	14.0	1.73
452	6/6/2007 08:01	15.45	50.25	32.96	3.7	7.92	16.3	1.60
453	6/6/2007 08:16	15.65	50.06	32.82	3.7	7.93	15.2	1.48
454	6/6/2007 08:31	15.84	50.062	32.83	3.77	7.94	16.8	1.36
455	6/6/2007 08:46	16.05	49.783	32.63	3.65	7.95	15.2	1.26
456	6/6/2007 09:01	16.28	50.158	32.9	3.31	7.96	11.7	1.16
457	6/6/2007 09:16	16.43	49.847	32.68	4.18	7.98	13.0	1.06
458	6/6/2007 09:31	16.54	50.099	32.86	2.58	7.97	14.3	1.00
459	6/6/2007 09:46	16.79	49.955	32.76	3.51	7.99	10.9	0.95
460	6/6/2007 10:01	16.94	49.855	32.69	4.06	7.99	11.4	0.92
461	6/6/2007 10:16	17.06	49.836	32.68	4.14	8	7.1	0.91
462	6/6/2007 10:31	16.87	49.84	32.68	3.97	7.99	10.7	0.92
463	6/6/2007 10:46	16.95	49.918	32.74	3.72	7.99	11.1	0.97
464	6/6/2007 11:01	16.91	49.856	32.69	3.79	7.98	9.0	1.01
465	6/6/2007 11:16	16.85	49.961	32.77	3.48	7.98	11.6	1.05
466	6/6/2007 11:31	16.8	49.864	32.7	3.84	7.98	10.3	1.10
467	6/6/2007 11:46	16.69	49.832	32.67	4.05	7.97	11.6	1.19
468	6/6/2007 12:01	16.65	50.008	32.8	4.4	7.97	12.4	1.23
469	6/6/2007 12:16	17.03	49.551	32.47	4.18	7.98	10.7	1.29
470	6/6/2007 12:31	16.97	49.373	32.34	4.31	7.98	12.2	1.37
471	6/6/2007 12:46	16.87	49.679	32.56	3.53	7.97	11.5	1.45
472	6/6/2007 13:01	16.63	49.748	32.61	3.74	7.95	13.7	1.52
473	6/6/2007 13:16	16.52	49.902	32.72	3.76	7.95	13.6	1.59
474	6/6/2007 13:31	16.26	49.658	32.54	3.6	7.94	15.5	1.70
475	6/6/2007 13:46	16.07	49.952	32.75	3.91	7.93	17.7	1.78
476	6/6/2007 14:01	15.89	49.682	32.55	3.5	7.93	17.0	1.88
477	6/6/2007 14:16	15.72	50.175	32.91	4.14	7.92	16.3	1.97
478	6/6/2007 14:31	15.72	49.885	32.69	3.96	7.92	17.2	2.06
479	6/6/2007 14:46	15.72	49.957	32.75	3.78	7.91	15.6	2.15

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	6/6/2007 15:01	15.61	50.098	32.85	3.37	7.91	16.0	2.22
481	6/6/2007 15:16	15.45	50.242	32.95	3.62	7.91	14.6	2.30
482	6/6/2007 15:31	15.44	50.022	32.79	3.88	7.9	13.0	2.37
483	6/6/2007 15:46	15.31	50.248	32.95	4.07	7.88	14.6	2.45
484	6/6/2007 16:01	14.96	50.144	32.87	3.12	7.9	16.5	2.51
485	6/6/2007 16:16	14.71	49.774	32.59	3.13	7.94	15.0	2.58
486	6/6/2007 16:31	14.55	49.643	32.49	4.03	7.96	12.1	2.63
487	6/6/2007 16:46	14.26	50.289	32.95	3.81	7.99	12.1	2.68
488	6/6/2007 17:01	14	50.324	32.97	3.96	8.01	9.1	2.73
489	6/6/2007 17:16	13.7	50.443	33.05	4.16	8.05	7.5	2.76
490	6/6/2007 17:31	13.51	50.098	32.79	4.67	8.07	5.6	2.79
491	6/6/2007 17:46	13.4	50.231	32.88	3.66	8.05	4.9	2.80
492	6/6/2007 18:01	13.47	50.39	33	4.7	8.07	6.9	2.80
493	6/6/2007 18:16	13.5	50.144	32.82	5.04	8.07	4.7	2.80
494	6/6/2007 18:31	13.7	50.229	32.89	4.41	8.05	5.5	2.76
495	6/6/2007 18:46	14.14	50.212	32.89	4.19	8.01	10.0	2.71
496	6/6/2007 19:01	14.87	50.024	32.78	3.99	8	10.3	2.66
497	6/6/2007 19:16	15.23	50.327	33.01	4.08	7.99	10.7	2.62
498	6/6/2007 19:31	15.62	49.793	32.63	4.07	8	10.9	2.56
499	6/6/2007 19:46	15.7	50.136	32.88	3.55	7.98	12.8	2.47
500	6/6/2007 20:01	15.77	50.31	33.01	3.96	7.98	11.6	2.42
501	6/6/2007 20:16	15.93	50.03	32.8	4.22	8.01	10.8	2.38
502	6/6/2007 20:31	16.16	50.325	33.02	4.37	8.06	10.8	2.31
503	6/6/2007 20:46	16.29	50.019	32.8	4.93	8.09	8.8	2.25
504	6/6/2007 21:01	16.29	50.234	32.96	4.41	8.06	10.7	2.20
505	6/6/2007 21:16	16.47	49.944	32.75	4.9	8.07	11.4	2.16
506	6/6/2007 21:31	16.64	49.916	32.73	4.85	8.04	11.2	2.12
507	6/6/2007 21:46	16.72	49.86	32.69	4.28	8.05	10.7	2.06
508	6/6/2007 22:01	16.86	49.974	32.78	4.63	8.06	10.2	2.04
509	6/6/2007 22:16	16.97	49.845	32.68	4.52	8.05	7.3	2.02
510	6/6/2007 22:31	17.09	50.002	32.8	4.59	8.06	6.3	2.00
511	6/6/2007 22:46	17.12	50.04	32.83	4.75	8.06	6.4	1.99
512	6/6/2007 23:01	16.99	49.811	32.66	4.4	8.06	7.2	1.99
513	6/6/2007 23:16	16.91	49.934	32.75	4.47	8.06	9.5	2.02
514	6/6/2007 23:31	16.81	50.161	32.91	4.5	8.04	12.5	2.04
515	6/6/2007 23:46	16.71	50.051	32.83	4.78	8.04	10.3	2.06
516	6/7/2007 00:01	16.68	49.945	32.75	4.89	8.03	9.9	2.10
517	6/7/2007 00:16	16.57	49.836	32.67	4.49	8.01	9.6	2.15
518	6/7/2007 00:31	16.57	50.011	32.8	4.39	8.02	11.1	2.20
519	6/7/2007 00:46	16.56	49.972	32.77	4.75	8.02	11.6	2.25
520	6/7/2007 01:01	16.4	49.906	32.72	4.55	8	13.9	2.30
521	6/7/2007 01:16	16.28	49.954	32.75	4.6	7.99	12.5	2.35
522	6/7/2007 01:31	15.9	49.76	32.61	4.76	7.99	12.8	2.40
523	6/7/2007 01:46	15.64	50.186	32.91	4.41	8	9.9	2.46
524	6/7/2007 02:01	15.15	50.404	33.06	4.76	8.01	9.1	2.50
525	6/7/2007 02:16	14.63	50.075	32.81	4.61	8.03	8.4	2.55
526	6/7/2007 02:31	14.3	50.159	32.86	4.88	8.04	8.8	2.61
527	6/7/2007 02:46	14.13	50.119	32.83	5.06	8.05	7.9	2.65

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	6/7/2007 03:01	13.94	50.298	32.95	5.08	8.06	7.6	2.71
529	6/7/2007 03:16	13.76	50.371	33	5.23	8.08	7.3	2.75
530	6/7/2007 03:31	13.57	50.229	32.89	5.2	8.09	6.5	2.79
531	6/7/2007 03:46	13.51	50.267	32.91	4.61	8.09	6.3	2.83
532	6/7/2007 04:01	13.4	50.481	33.07	5.69	8.1	5.4	2.86
533	6/7/2007 04:16	13.16	50.358	32.97	5.68	8.11	4.7	2.89
534	6/7/2007 04:31	13.12	50.347	32.96	5.67	8.11	3.6	2.89
535	6/7/2007 04:46	13.28	50.484	33.06	5.4	8.1	6.0	2.90
536	6/7/2007 05:01	13.15	50.24	32.88	5.29	8.1	3.6	2.88
537	6/7/2007 05:16	13.31	50.364	32.98	5.23	8.09	6.4	2.86
538	6/7/2007 05:31	13.67	50.498	33.09	5.47	8.07	5.3	2.83
539	6/7/2007 05:46	14.33	50.404	33.04	5.09	8.03	6.9	2.75
540	6/7/2007 06:01	14.24	50.222	32.9	5.1	8.03	8.0	2.71
541	6/7/2007 06:16	14.54	50.19	32.89	4.85	8	9.1	2.62
542	6/7/2007 06:31	14.69	50.033	32.78	4.96	7.97	9.3	2.54
543	6/7/2007 06:46	14.88	50.225	32.92	4.71	7.94	10.3	2.47
544	6/7/2007 07:01	15.13	49.76	32.59	3.96	7.9	9.6	2.37
545	6/7/2007 07:16	15.22	50.313	33	3.25	7.88	8.7	2.28
546	6/7/2007 07:31	15.3	50.127	32.86	4.34	7.88	11.1	2.18
547	6/7/2007 07:46	15.41	50.247	32.95	4	7.89	11.7	2.08
548	6/7/2007 08:01	15.45	50.185	32.91	4.98	7.9	11.6	1.97
549	6/7/2007 08:16	15.69	50.209	32.93	4.53	7.94	13.2	1.87
550	6/7/2007 08:31	15.79	50.018	32.79	4.44	7.95	15.2	1.77
551	6/7/2007 08:46	15.81	50.339	33.03	4.68	7.96	13.2	1.65
552	6/7/2007 09:01	16.01	50.135	32.88	4.79	7.98	14.7	1.53
553	6/7/2007 09:16	16.23	50.157	32.9	4.95	8	14.7	1.44
554	6/7/2007 09:31	16.46	50.044	32.82	5.09	8.01	14.0	1.34
555	6/7/2007 09:46	16.71	50.339	33.04	4.87	8.02	11.9	1.25
556	6/7/2007 10:01	16.75	50.01	32.8	5.01	8.02	11.1	1.17
557	6/7/2007 10:16	17.01	49.998	32.8	4.83	8.04	10.8	1.12
558	6/7/2007 10:31	17.12	49.906	32.73	4.8	8.04	9.3	1.08
559	6/7/2007 10:46	17.1	49.898	32.72	4.75	8.03	7.0	1.04
560	6/7/2007 11:01	17.12	49.916	32.74	5.88	8.02	7.0	1.04
561	6/7/2007 11:16	17.14	50.137	32.9	5.13	8.04	11.5	1.05
562	6/7/2007 11:31	17.1	49.909	32.73	5.28	8.04	10.9	1.06
563	6/7/2007 11:46	17.17	50.055	32.84	5.05	8.03	11.6	1.09
564	6/7/2007 12:01	17.08	50.056	32.84	5.03	8.03	11.4	1.14
565	6/7/2007 12:16	17.05	49.996	32.8	5.06	8.03	11.9	1.18
566	6/7/2007 12:31	16.96	50.153	32.91	5.7	8.02	12.2	1.23
567	6/7/2007 12:46	16.93	49.999	32.8	4.94	8.02	13.1	1.30
568	6/7/2007 13:01	17.27	50.07	32.85	4.92	8.04	13.7	1.36
569	6/7/2007 13:16	17.22	49.85	32.69	4.73	8.03	12.7	1.42
570	6/7/2007 13:31	17.3	48.885	31.99	4.95	8.03	12.3	1.50
571	6/7/2007 13:46	16.91	49.738	32.6	4.8	8	15.9	1.58
572	6/7/2007 14:01	16.85	50.204	32.95	4.83	7.99	16.9	1.66
573	6/7/2007 14:16	16.51	49.979	32.78	5.02	7.98	18.5	1.76
574	6/7/2007 14:31	16.39	49.808	32.65	4.4	7.97	18.5	1.84
575	6/7/2007 14:46	16.09	50.291	33	4.59	7.96	17.4	1.94

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	6/7/2007 15:01	15.85	50.215	32.94	4.71	7.95	17.4	2.03
577	6/7/2007 15:16	15.84	49.997	32.78	4.85	7.95	16.9	2.11
578	6/7/2007 15:31	15.84	50.068	32.83	4.9	7.94	15.4	2.19
579	6/7/2007 15:46	15.73	50.354	33.04	4.49	7.92	16.8	2.27
580	6/7/2007 16:01	15.57	50.166	32.9	4.44	7.9	16.8	2.35
581	6/7/2007 16:16	15.58	50.351	33.03	4.53	7.92	17.2	2.42
582	6/7/2007 16:31	15.27	50.216	32.93	4.94	7.97	17.0	2.49
583	6/7/2007 16:46	14.88	49.953	32.73	5.17	8.02	18.3	2.56
584	6/7/2007 17:01	14.77	50.19	32.9	5.56	8.04	16.9	2.62
585	6/7/2007 17:16	14.55	50.157	32.87	5.71	8.05	15.5	2.68
586	6/7/2007 17:31	14.22	50.3	32.96	6.02	8.08	13.0	2.74
587	6/7/2007 17:46	13.96	50.259	32.92	6.04	8.1	12.1	2.79
588	6/7/2007 18:01	13.67	50.235	32.9	6.39	8.13	9.0	2.83
589	6/7/2007 18:16	13.51	50.403	33.01	6.49	8.14	8.5	2.86
590	6/7/2007 18:31	13.43	50.305	32.94	6.66	8.15	5.8	2.88
591	6/7/2007 18:46	13.5	50.254	32.9	6.27	8.14	5.8	2.89
592	6/7/2007 19:01	13.52	50.425	33.03	6.36	8.13	5.3	2.88
593	6/7/2007 19:16	13.59	50.296	32.94	6.03	8.13	6.4	2.85
594	6/7/2007 19:31	13.85	50.397	33.02	6.23	8.12	7.9	2.80
595	6/7/2007 19:46	15.18	50.089	32.83	6.01	8.12	10.8	2.74
596	6/7/2007 20:01	15.48	50.195	32.92	5.77	8.08	12.5	2.68
597	6/7/2007 20:16	15.99	50.113	32.87	5.71	8.08	12.2	2.61
598	6/7/2007 20:31	15.88	49.998	32.78	5.72	8.06	11.8	2.53
599	6/7/2007 20:46	16.07	49.834	32.66	5.61	8.08	11.4	2.46
600	6/7/2007 21:01	16.05	50.227	32.95	5.47	8.04	12.4	2.40
601	6/7/2007 21:16	16.21	50.136	32.89	5.53	8.07	11.8	2.33
602	6/7/2007 21:31	16.29	50.068	32.84	5.26	8.06	12.1	2.25
603	6/7/2007 21:46	16.28	50.185	32.92	4.97	8.03	12.1	2.20
604	6/7/2007 22:01	16.49	50.22	32.95	5.41	8.04	11.0	2.14
605	6/7/2007 22:16	16.72	50.2	32.94	5.44	8.06	9.2	2.07
606	6/7/2007 22:31	16.96	50.116	32.88	5.35	8.08	9.2	2.03
607	6/7/2007 22:46	17.13	50.032	32.82	5.66	8.09	9.0	1.98
608	6/7/2007 23:01	17.15	49.903	32.73	5.67	8.1	8.9	1.93
609	6/7/2007 23:16	17.3	50.179	32.93	5.6	8.11	8.3	1.90
610	6/7/2007 23:31	17.4	50.174	32.93	5.65	8.12	8.3	1.87
611	6/7/2007 23:46	17.5	50.772	33.37	5.58	8.11	7.9	1.84
612	6/8/2007 00:01	17.67	50.315	33.04	5.58	8.13	3.9	1.84
613	6/8/2007 00:16	17.54	49.845	32.69	5.65	8.13	12.4	1.83
614	6/8/2007 00:31	17.47	49.969	32.78	5.38	8.13	11.1	1.84
615	6/8/2007 00:46	17.28	49.915	32.74	5.67	8.12	14.7	1.87
616	6/8/2007 01:01	17.06	50.168	32.92	5.63	8.08	16.9	1.89
617	6/8/2007 01:16	17.02	50.058	32.84	5.67	8.08	15.0	1.93
618	6/8/2007 01:31	16.92	50.108	32.88	5.59	8.06	16.6	1.99
619	6/8/2007 01:46	16.84	49.819	32.66	5.43	8.06	12.8	2.03
620	6/8/2007 02:01	16.89	49.824	32.67	5.37	8.06	13.2	2.09
621	6/8/2007 02:16	16.83	49.718	32.59	5.39	8.06	13.7	2.14
622	6/8/2007 02:31	16.57	49.924	32.74	5.45	8.02	16.0	2.18
623	6/8/2007 02:46	16.37	49.983	32.78	5.23	8.01	16.5	2.24

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	6/8/2007 03:01	16.19	49.838	32.67	5.43	8.01	14.1	2.29
625	6/8/2007 03:16	15.88	50.845	33.4	5.44	8.01	10.7	2.34
626	6/8/2007 03:31	15.33	50.021	32.79	5.65	8.03	10.8	2.39
627	6/8/2007 03:46	15.18	50.286	32.98	5.62	8.04	9.2	2.44
628	6/8/2007 04:01	15.08	50.199	32.91	5.95	8.04	10.0	2.48
629	6/8/2007 04:16	14.78	49.837	32.64	5.9	8.06	8.5	2.54
630	6/8/2007 04:31	14.65	50.22	32.91	5.98	8.07	7.7	2.58
631	6/8/2007 04:46	14.53	50.319	32.98	6.09	8.08	7.5	2.62
632	6/8/2007 05:01	14.19	50.508	33.11	6.2	8.1	7.2	2.66
633	6/8/2007 05:16	13.97	50.366	33	6.3	8.11	6.1	2.69
634	6/8/2007 05:31	13.92	50.274	32.93	6.38	8.11	6.0	2.72
635	6/8/2007 05:46	14.35	50.423	33.05	6.02	8.08	6.4	2.72
636	6/8/2007 06:01	14.07	50.271	32.94	6.12	8.1	5.7	2.73
637	6/8/2007 06:16	13.93	50.349	32.99	5.93	8.08	2.4	2.72
638	6/8/2007 06:31	13.85	50.181	32.86	6.17	8.1	4.0	2.69
639	6/8/2007 06:46	14.72	50.363	33.02	5.73	8.05	7.1	2.64
640	6/8/2007 07:01	14.78	50.28	32.96	5.73	8.05	7.7	2.59
641	6/8/2007 07:16	14.75	50.115	32.84	5.77	8.05	8.0	2.53
642	6/8/2007 07:31	15.07	49.278	32.24	5.45	8.01	9.2	2.44
643	6/8/2007 07:46	15.27	50.311	33	5.09	7.98	11.1	2.36
644	6/8/2007 08:01	15.44	50.16	32.89	4.96	7.95	9.1	2.29
645	6/8/2007 08:16	15.51	50.24	32.95	4.84	7.94	10.3	2.20
646	6/8/2007 08:31	15.7	50.11	32.86	4.94	7.95	15.2	2.10
647	6/8/2007 08:46	15.64	50.236	32.95	4.65	7.95	10.9	2.02
648	6/8/2007 09:01	15.95	50.276	32.98	5.13	7.98	11.5	1.93
649	6/8/2007 09:16	16.02	49.996	32.78	5.18	7.99	10.9	1.83
650	6/8/2007 09:31	16.23	50.049	32.82	5.14	8	12.6	1.73
651	6/8/2007 09:46	16.26	49.925	32.73	5.34	8.01	10.3	1.64
652	6/8/2007 10:01	16.42	50.383	33.07	5.44	8.03	10.6	1.55
653	6/8/2007 10:16	16.8	50.239	32.97	5.53	8.06	9.9	1.47
654	6/8/2007 10:31	16.96	50.144	32.9	5.56	8.07	8.5	1.38
655	6/8/2007 10:46	17.01	50.043	32.83	5.33	8.04	9.2	1.32
656	6/8/2007 11:01	17.3	50.284	33.01	5.4	8.11	8.7	1.27
657	6/8/2007 11:16	17.33	50.07	32.85	5.37	8.07	7.9	1.22
658	6/8/2007 11:31	17.4	50.143	32.91	5.51	8.08	8.1	1.18
659	6/8/2007 11:46	17.38	50.063	32.85	4.77	8.08	6.7	1.15
660	6/8/2007 12:01	17.54	50.222	32.97	5.96	8.11	10.3	1.18
661	6/8/2007 12:16	17.4	50.108	32.88	5.61	8.08	11.0	1.17
662	6/8/2007 12:31	17.35	50.013	32.81	5.59	8.08	10.8	1.19
663	6/8/2007 12:46	17.35	50.205	32.95	5.55	8.07	11.9	1.24
664	6/8/2007 13:01	17.39	50.121	32.89	5.57	8.07	13.8	1.28
665	6/8/2007 13:16	17.51	50.117	32.89	5.61	8.07	13.9	1.33
666	6/8/2007 13:31	17.38	50.3	33.02	5.55	8.07	13.8	1.36
667	6/8/2007 13:46	17.71	49.994	32.8	5.45	8.07	11.9	1.46
668	6/8/2007 14:01	17.49	49.853	32.69	5.05	8.06	13.9	1.52
669	6/8/2007 14:16	17.33	49.888	32.72	5.32	8.04	16.6	1.58
670	6/8/2007 14:31	17.2	49.998	32.8	5.42	8.03	15.8	1.67
671	6/8/2007 14:46	17.03	50.114	32.88	5.3	8.02	16.2	1.75

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	6/8/2007 15:01	16.8	50.165	32.92	5.1	8	17.8	1.83
673	6/8/2007 15:16	16.54	49.969	32.77	5.11	7.99	19.1	1.91
674	6/8/2007 15:31	16.29	50.363	33.05	5.1	7.98	17.9	2.01
675	6/8/2007 15:46	16.14	49.713	32.58	5.15	7.98	17.1	2.09
676	6/8/2007 16:01	16.17	50.223	32.95	5.21	7.98	16.9	2.17
677	6/8/2007 16:16	15.97	49.747	32.6	5.14	7.97	15.9	2.25
678	6/8/2007 16:31	15.85	49.665	32.54	5.09	7.96	14.7	2.33
679	6/8/2007 16:46	15.8	50.892	33.43	5.03	7.96	16.4	2.41
680	6/8/2007 17:01	15.8	50.727	33.31	5.07	7.96	16.7	2.47
681	6/8/2007 17:16	15.17	50.867	33.4	5.48	8.01		2.56
682	6/8/2007 17:31	14.93	50.889	33.41	5.96	8.06	19.3	2.62
683	6/8/2007 17:46	14.66	49.235	32.2	6.27	8.08	16.5	2.69
684	6/8/2007 18:01	14.43	49.933	32.7	6.41	8.1	13.3	2.76
685	6/8/2007 18:16	14.01	49.879	32.65	6.52	8.11	12.7	2.82
686	6/8/2007 18:31	13.67	51.093	33.52	6.79	8.13	16.7	2.88
687	6/8/2007 18:46	13.44	50.26	32.91	6.79	8.14	9.8	2.92
688	6/8/2007 19:01	13.37	50.457	33.05	6.86	8.15	16.3	2.96
689	6/8/2007 19:16	13.31	50.599	33.15	6.87	8.16	6.6	2.98
690	6/8/2007 19:31	13.48	50.485	33.07	6.71	8.15	7.5	2.99
691	6/8/2007 19:46	13.43	50.58	33.14	6.55	8.14	39.6	2.97
692	6/8/2007 20:01	13.4	50.465	33.05	6.7	8.15	6.8	2.93
693	6/8/2007 20:16	13.78	50.528	33.11	6.58	8.14	7.4	2.88
694	6/8/2007 20:31	14.69	50.392	33.04	6.49	8.13	10.5	2.82
695	6/8/2007 20:46	15.22	50.292	32.98	6.21	8.11	12.3	2.73
696	6/8/2007 21:01	15.61	50.325	33.01	6.16	8.1	11.3	2.65
697	6/8/2007 21:16	15.54	50.368	33.04	6.08	8.09	12.0	2.57
698	6/8/2007 21:31	15.65	50.162	32.9	5.94	8.08	11.1	2.49
699	6/8/2007 21:46	15.92	50.069	32.83	6.13	8.12	8.5	2.41
700	6/8/2007 22:01	16.02	50.097	32.85	5.93	8.08	10.3	2.33
701	6/8/2007 22:16	16.13	50.221	32.95	6.03	8.08	11.1	2.25
702	6/8/2007 22:31	16.29	50.272	32.99	5.82	8.07	11.6	2.18
703	6/8/2007 22:46	16.35	50.061	32.83	5.77	8.06	10.7	2.09
704	6/8/2007 23:01	16.78	50.113	32.88	5.89	8.1	9.9	2.02
705	6/8/2007 23:16	17.16	50.311	33.03	6.05	8.13	8.5	1.94
706	6/8/2007 23:31	17.48	50.28	33.01	6.27	8.17	8.7	1.87
707	6/8/2007 23:46	17.59	50.229	32.97	6.33	8.19	8.6	1.80
708	6/9/2007 00:01	17.52	50.209	32.96	6.25	8.18	8.3	1.73
709	6/9/2007 00:16	17.6	50.174	32.93	6.28	8.19	8.6	1.68
710	6/9/2007 00:31	17.67	50.023	32.82	6.27	8.18	8.7	1.64
711	6/9/2007 00:46	17.71	50.057	32.85	6.14	8.17	5.6	1.59
712	6/9/2007 01:01	17.71	49.98	32.79	5.96	8.16	3.9	1.59
713	6/9/2007 01:16	17.7	50.08	32.86	5.98	8.16	5.3	1.57
714	6/9/2007 01:31	17.65	50.218	32.96	6.31	8.19	10.8	1.59
715	6/9/2007 01:46	17.54	50.175	32.93	6.24	8.18	10.0	1.61
716	6/9/2007 02:01	17.5	50.182	32.94	6.23	8.17	11.0	1.63
717	6/9/2007 02:16	17.43	50.105	32.88	6.18	8.16	10.7	1.69
718	6/9/2007 02:31	17.34	50.13	32.9	6.11	8.15	11.0	1.74
719	6/9/2007 02:46	17.29	50.144	32.91	6.11	8.13	12.4	1.79

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	6/9/2007 03:01	17.32	49.985	32.79	5.83	8.13	12.0	1.85
721	6/9/2007 03:16	17.29	50.074	32.86	5.82	8.12	12.8	1.91
722	6/9/2007 03:31	17.25	50.064	32.85	5.72	8.12	14.8	1.97
723	6/9/2007 03:46	17.1	50.002	32.8	5.72	8.1	16.8	2.03
724	6/9/2007 04:01	16.91	50.133	32.89	5.63	8.08	16.8	2.08
725	6/9/2007 04:16	16.69	50.196	32.94	5.51	8.06	14.1	2.14
726	6/9/2007 04:31	16.36	50.077	32.85	5.46	8.04	13.0	2.20
727	6/9/2007 04:46	16.08	50.143	32.89	5.41	8.03	13.8	2.25
728	6/9/2007 05:01	15.79	50.189	32.92	5.48	8.03	11.2	2.29
729	6/9/2007 05:16	15.61	50.385	33.06	5.5	8.03	9.8	2.34
730	6/9/2007 05:31	15.46	50.209	32.93	5.58	8.03	9.7	2.39
731	6/9/2007 05:46	15.45	50.305	33	5.56	8.03	8.7	2.42
732	6/9/2007 06:01	15.25	49.935	32.72	5.74	8.04	7.8	2.48
733	6/9/2007 06:16	15.17	50.425	33.08	5.61	8.04	7.9	2.51
734	6/9/2007 06:31	14.95	50.364	33.03	5.72	8.05	9.3	2.54
735	6/9/2007 06:46	14.78	50.363	33.02	5.76	8.06	6.4	2.57
736	6/9/2007 07:01	14.73	50.401	33.05	5.73	8.06	5.5	2.58
737	6/9/2007 07:16	14.86	50.121	32.85	5.62	8.05	5.6	2.60
738	6/9/2007 07:31	14.74	50.366	33.02	5.55	8.02	3.2	2.59
739	6/9/2007 07:46	14.72	50.334	33	5.57	8.04	5.1	2.56
740	6/9/2007 08:01	14.84	50.434	33.08	5.51	8.04	5.0	2.53
741	6/9/2007 08:16	15.2	49.995	32.76	5.5	8.04	7.4	2.48
742	6/9/2007 08:31	15.47	50.488	33.13	5.47	8.03	7.6	2.43
743	6/9/2007 08:46	15.62	50.313	33.01	5.4	8.02	9.1	2.36
744	6/9/2007 09:01	15.59	50.188	32.91	5.34	8.01	9.7	2.29
745	6/9/2007 09:16	15.84	50.229	32.95	5.29	8	8.9	2.22
746	6/9/2007 09:31	16.05	50.135	32.88	5.56	8.03	8.5	2.13
747	6/9/2007 09:46	16.18	50.316	33.02	5.57	8.04	9.2	2.05
748	6/9/2007 10:01	16.41	50.14	32.89	5.66	8.06	10.0	1.98
749	6/9/2007 10:16	16.58	50.306	33.02	6.04	8.1	9.3	1.87
750	6/9/2007 10:31	16.69	50.268	32.99	6.18	8.11	11.4	1.79
751	6/9/2007 10:46	16.82	50.147	32.9	6.19	8.11	8.6	1.72
752	6/9/2007 11:01	16.96	50.306	33.02	6.33	8.13	8.7	1.65
753	6/9/2007 11:16	17.05	50.128	32.89	6.51	8.15	8.6	1.57
754	6/9/2007 11:31	17.29	50.261	32.99	6.52	8.16	8.5	1.50
755	6/9/2007 11:46	17.47	50.247	32.98	6.54	8.17	7.3	1.47
756	6/9/2007 12:01	17.49	50.008	32.81	6.48	8.17	7.7	1.41
757	6/9/2007 12:16	17.63	50.128	32.9	6.44	8.18	7.1	1.37
758	6/9/2007 12:31	17.62	50.235	32.98	5.97	8.13	7.2	1.35
759	6/9/2007 12:46	17.7	50.307	33.03	6.84	8.21	11.4	1.35
760	6/9/2007 13:01	17.52	50.066	32.85	6.3	8.15	12.0	1.35
761	6/9/2007 13:16	17.49	50.082	32.86	6.37	8.15	13.0	1.36
762	6/9/2007 13:31	17.54	50.288	33.01	6.21	8.14	11.0	1.39
763	6/9/2007 13:46	17.41	50.129	32.9	6.07	8.12	11.1	1.43
764	6/9/2007 14:01	17.38	50.207	32.95	5.92	8.11	11.7	1.48
765	6/9/2007 14:16	17.33	49.892	32.72	5.8	8.09	13.5	1.55
766	6/9/2007 14:31	17.31	50.114	32.88	5.55	8.08	13.2	1.60
767	6/9/2007 14:46	17.46	50.264	33	5.44	8.08	13.4	1.67

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	6/9/2007 15:01	17.41	50.049	32.84	5.35	8.07	14.2	1.75
769	6/9/2007 15:16	17.11	50.164	32.92	5.13	8.03	13.7	1.82
770	6/9/2007 15:31	16.99	50.276	33	5	8.01	13.8	1.90
771	6/9/2007 15:46	16.81	50.117	32.88	4.82	7.99	14.1	1.98
772	6/9/2007 16:01	16.57	50.216	32.95	4.6	7.97	15.0	2.06
773	6/9/2007 16:16	16.46	50.209	32.94	4.56	7.95	14.6	2.14
774	6/9/2007 16:31	16.25	50.152	32.9	4.7	7.96	13.6	2.23
775	6/9/2007 16:46	16.13	50.492	33.15	4.64	7.95	12.7	2.30
776	6/9/2007 17:01	15.88	50.262	32.97	4.55	7.94	13.9	2.39
777	6/9/2007 17:16	15.73	50.255	32.96	4.53	7.92	15.4	2.47
778	6/9/2007 17:31	15.57	50.377	33.05	4.47	7.93	14.9	2.54
779	6/9/2007 17:46	15.03	50.169	32.89	5.08	7.98	19.3	2.62
780	6/9/2007 18:01	14.72	50.371	33.03	5.34	8.01	19.3	2.71
781	6/9/2007 18:16	14.43	50.443	33.07	5.58	8.03	18.2	2.79
782	6/9/2007 18:31	14.17	50.482	33.09	5.63	8.04	14.7	2.86
783	6/9/2007 18:46	13.71	50.595	33.16	5.77	8.06	13.3	2.94
784	6/9/2007 19:01	13.44	50.49	33.07	5.88	8.07	12.1	3.01
785	6/9/2007 19:16	13.2	50.671	33.2	6.06	8.09	10.4	3.06
786	6/9/2007 19:31	13.12	50.557	33.11	6.14	8.1	9.9	3.10
787	6/9/2007 19:46	12.98	50.711	33.22	6.2	8.11	8.2	3.14
788	6/9/2007 20:01	12.85	50.675	33.19	6.16	8.11	7.5	3.17
789	6/9/2007 20:16	12.96	50.625	33.15	6.05	8.1	7.1	3.14
790	6/9/2007 20:31	12.9	50.687	33.2	6.05	8.1	5.5	3.13
791	6/9/2007 20:46	14.14	50.373	33.01	5.89	8.09	7.4	3.10
792	6/9/2007 21:01	14.96	50.352	33.02	5.49	8.07	8.0	3.03
793	6/9/2007 21:16	14.19	50.493	33.1	5.65	8.06	9.3	2.95
794	6/9/2007 21:31	14.98	50.042	32.79	5.34	8.03	10.7	2.87
795	6/9/2007 21:46	15.11	50.376	33.04	5.32	8.03	9.7	2.79
796	6/9/2007 22:01	15.12	50.51	33.14	5.37	8.03	12.8	2.68
797	6/9/2007 22:16	15.44	50.47	33.12	5.55	8.05	10.3	2.59
798	6/9/2007 22:31	15.4	50.071	32.82	5.36	8.03	11.0	2.51
799	6/9/2007 22:46	15.75	50.483	33.13	5.48	8.05	9.1	2.41
800	6/9/2007 23:01	15.96	50.349	33.04	5.61	8.06	11.4	2.31
801	6/9/2007 23:16	16.26	50.115	32.87	5.72	8.07	9.6	2.21
802	6/9/2007 23:31	16.17	50.122	32.88	5.61	8.06	9.9	2.11
803	6/9/2007 23:46	16.68	50.166	32.92	5.75	8.09	10.1	2.01
804	6/10/2007 00:01	16.67	50.229	32.96	5.68	8.1	10.0	1.90
805	6/10/2007 00:16	17.05	50.152	32.91	5.91	8.12	10.7	1.80
806	6/10/2007 00:31	16.89	50.3	33.02	5.64	8.09	10.0	1.70
807	6/10/2007 00:46	17.06	50.271	33	5.61	8.09	9.7	1.61
808	6/10/2007 01:01	17.14	50.27	33	5.53	8.08	9.1	1.52
809	6/10/2007 01:16	17.25	50.032	32.82	5.49	8.08	8.9	1.43
810	6/10/2007 01:31	17.3	50.092	32.87	5.48	8.07	7.5	1.39
811	6/10/2007 01:46	17.42	50.239	32.98	5.46	8.08	6.3	1.35
812	6/10/2007 02:01	17.5	50.053	32.84	5.49	8.08	6.2	1.29
813	6/10/2007 02:16	17.58	50.156	32.92	5.38	8.08	3.3	1.30
814	6/10/2007 02:31	17.46	50.088	32.87	5.65	8.1	8.0	1.32
815	6/10/2007 02:46	17.4	50.091	32.87	5.66	8.1	8.5	1.32

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	6/10/2007 03:01	17.4	50.093	32.87	5.7	8.1	9.7	1.38
817	6/10/2007 03:16	17.37	50.001	32.8	5.69	8.1	8.7	1.43
818	6/10/2007 03:31	17.3	50.175	32.93	5.61	8.09	8.9	1.49
819	6/10/2007 03:46	17.43	50.109	32.88	5.61	8.11	10.2	1.55
820	6/10/2007 04:01	17.49	49.848	32.69	5.56	8.11	11.0	1.61
821	6/10/2007 04:16	17.48	49.974	32.78	5.54	8.11	11.3	1.68
822	6/10/2007 04:31	17.45	49.885	32.72	5.58	8.11	11.1	1.73
823	6/10/2007 04:46	17.29	50.112	32.88	5.59	8.1	12.1	1.80
824	6/10/2007 05:01	17.16	50.142	32.9	5.58	8.09	11.4	1.86
825	6/10/2007 05:16	16.97	50.196	32.94	5.44	8.07	13.3	1.93
826	6/10/2007 05:31	16.85	50.117	32.88	5.37	8.06	12.1	1.98
827	6/10/2007 05:46	16.61	49.97	32.77	5.3	8.05	12.6	2.06
828	6/10/2007 06:01	16.36	50.025	32.81	5.22	8.02	14.3	2.11
829	6/10/2007 06:16	16.19	50.087	32.85	5.14	8.01	11.8	2.16
830	6/10/2007 06:31	16.03	50.157	32.9	5.13	8	9.5	2.23
831	6/10/2007 06:46	15.86	50.264	32.97	5.15	8	9.7	2.29
832	6/10/2007 07:01	15.77	50.095	32.85	5.16	8	8.3	2.34
833	6/10/2007 07:16	15.7	50.111	32.86	5.16	8	9.4	2.38
834	6/10/2007 07:31	15.61	50.294	32.99	5.17	8	8.5	2.44
835	6/10/2007 07:46	15.42	50.499	33.14	5.21	8	8.0	2.47
836	6/10/2007 08:01	15.36	50.119	32.86	5.2	8	7.3	2.51
837	6/10/2007 08:16	15.36	50.232	32.94	5.15	8	7.1	2.54
838	6/10/2007 08:31	15.23	50.307	32.99	5.1	8	6.0	2.55
839	6/10/2007 08:46	15.28	50.029	32.79	5.05	7.99	6.6	2.55
840	6/10/2007 09:01	15.16	50.237	32.94	5.03	7.99	4.7	2.55
841	6/10/2007 09:16	15.06	50.381	33.04	5.1	7.99	5.9	2.52
842	6/10/2007 09:31	15.13	49.979	32.75	5.08	7.99	5.0	2.50
843	6/10/2007 09:46	15.33	50.359	33.03	5.07	8	6.5	2.43
844	6/10/2007 10:01	15.65	50.004	32.78	5.23	8.01	8.6	2.36
845	6/10/2007 10:16	15.81	50.128	32.87	5.21	8	8.8	2.32
846	6/10/2007 10:31	16.12	49.966	32.76	5.32	8.01	10.0	2.21
847	6/10/2007 10:46	16.25	50.153	32.9	5.39	8.02	9.2	2.14
848	6/10/2007 11:01	16.37	49.876	32.7	5.43	8.02	10.8	2.07
849	6/10/2007 11:16	16.54	50.108	32.87	5.58	8.04	9.1	2.00
850	6/10/2007 11:31	16.76	50.105	32.87	5.83	8.06	7.8	1.92
851	6/10/2007 11:46	16.93	50.127	32.89	5.94	8.07	7.7	1.83
852	6/10/2007 12:01	17.09	49.898	32.72	5.98	8.08	7.4	1.78
853	6/10/2007 12:16	17.22	50.051	32.84	5.8	8.07	7.3	1.72
854	6/10/2007 12:31	17.27	50.053	32.84	5.86	8.08	7.6	1.66
855	6/10/2007 12:46	17.34	49.933	32.75	5.79	8.08	7.4	1.61
856	6/10/2007 13:01	17.41	49.898	32.73	5.87	8.08	6.2	1.56
857	6/10/2007 13:16	17.47	50.129	32.9	5.77	8.07	4.7	1.56
858	6/10/2007 13:31	17.63	50.066	32.85	5.92	8.08	4.6	1.51
859	6/10/2007 13:46	17.73	49.987	32.79	5.77	8.09	2.9	1.50
860	6/10/2007 14:01	17.68	49.953	32.77	6.21	8.11	8.0	1.53
861	6/10/2007 14:16	17.67	50.212	32.96	6.11	8.1	8.1	1.55
862	6/10/2007 14:31	17.71	50.165	32.93	6.03	8.1	8.2	1.59
863	6/10/2007 14:46	17.73	50.064	32.85	6.01	8.1	8.3	1.62

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #1
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
864	6/10/2007 15:01	17.69	50.226	32.97	5.95	8.1	8.8	1.69
865	6/10/2007 15:16	17.53	50.171	32.93	5.84	8.08	11.3	1.77
866	6/10/2007 15:31	17.38	50.144	32.91	5.74	8.06	11.3	1.81
867	6/10/2007 15:46	17.43	50.149	32.91	5.74	8.06	10.9	1.89
868	6/10/2007 16:01	17.33	50.124	32.89	5.65	8.05	9.7	1.96
869	6/10/2007 16:16	17.24	50.161	32.92	5.63	8.04	9.9	2.04
870	6/10/2007 16:31	16.89	50.203	32.95	5.42	8.03	12.5	2.11
871	6/10/2007 16:46	16.73	50.037	32.82	5.38	8.02	13.9	2.19
872	6/10/2007 17:01	16.45	50.21	32.94	5.33	8	12.2	2.28
873	6/10/2007 17:16	16.15	50.155	32.9	5.28	7.99	12.8	2.35
874	6/10/2007 17:31	16.01	50.361	33.05	5.3	7.99	13.7	2.43
875	6/10/2007 17:46	15.78	50.031	32.8	5.25	7.99	12.9	2.52
876	6/10/2007 18:01	15.5	50.255	32.96	5.14	7.98	14.1	2.61
877	6/10/2007 18:16	15.4	50.047	32.81	4.78	7.94	13.8	2.69
878	6/10/2007 18:31	14.97	50.406	33.06	5.06	7.96	18.7	2.78
879	6/10/2007 18:46	14.62	50.506	33.12	5.24	7.98	18.6	2.86
880	6/10/2007 19:01	14.45	50.1	32.82	5.43	8	18.2	2.94
881	6/10/2007 19:16	13.86	50.639	33.2	5.7	8.02	16.1	3.04
882	6/10/2007 19:31	13.34	50.676	33.21	5.97	8.06	15.5	3.11
883	6/10/2007 19:46	13.2	50.732	33.24	6.12	8.07	12.7	3.17
884	6/10/2007 20:01	13.09	50.544	33.1	6.25	8.09	11.3	3.23
885	6/10/2007 20:16	13.03	50.688	33.2	6.28	8.1	9.0	3.29
886	6/10/2007 20:31	12.97	50.72	33.22	6.32	8.1	6.6	3.32
887	6/10/2007 20:46	12.9	50.428	33.01	6.3	8.1	4.7	3.32
888	6/10/2007 21:01	12.94	50.657	33.18	6.24	8.1	6.8	3.32
889	6/10/2007 21:16	12.97	50.5	33.06	6.26	8.1	6.4	3.31
890	6/10/2007 21:31	13.2	50.694	33.21	6.19	8.09	9.2	3.27
891	6/10/2007 21:46	13.98	50.44	33.06	5.73	8.04	14.2	3.19
892	6/10/2007 22:01	13.87	50.489	33.09	5.31	7.98	20.5	3.11
893	6/10/2007 22:16	13.7	50.505	33.09	5.34	7.98	23.3	3.03
894	6/10/2007 22:31	13.82	50.593	33.16	5.45	8	16.2	2.93
895	6/10/2007 22:46	14.24	50.334	32.99	5.45	8	16.3	2.81
896	6/10/2007 23:01	14.56	50.655	33.23	5.46	8.01	17.2	2.71
897	6/10/2007 23:16	14.8	50.237	32.93	5.41	8.01	17.4	2.60
898	6/10/2007 23:31	15.08	50.213	32.92	5.4	8.01	18.5	2.49
899	6/10/2007 23:46	15.11	50.165	32.89	5.38	8.01	16.7	2.38
900	6/11/2007 00:01	15.32	50.475	33.12	5.33	7.99	15.5	2.26
901	6/11/2007 00:16	15.66	50.29	32.99	5.33	8	18.5	2.15
902	6/11/2007 00:31	15.66	50.542	33.17	5.39	8.01	16.8	2.02
903	6/11/2007 00:46	15.3	50.628	33.23	5.43	8.01	21.0	1.89
904	6/11/2007 01:01	15.68	50.471	33.12	5.42	8.01	19.8	1.76
905	6/11/2007 01:16	15.84	50.196	32.92	5.41	8.02	17.9	1.65
906	6/11/2007 01:31	16.06	50.199	32.93	5.38	8.02	17.9	1.52
907	6/11/2007 01:46	16.12	50.548	33.19	5.32	8.01	15.7	1.41
908	6/11/2007 02:01	16.46	50.2	32.94	5.35	8.02	15.7	1.31
909	6/11/2007 02:16	16.72	50.102	32.87	5.36	8.04	15.0	1.19
910	6/11/2007 02:31	17.04	50.032	32.82	5.38	8.06	12.3	1.11
911	6/11/2007 02:46	17.24	50.25	32.98	5.39	8.09	12.7	1.06

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #1
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	6/11/2007 03:01	17.39	50.243	32.98	5.35	8.08	10.7	1.04
913	6/11/2007 03:16	17.49	50.292	33.02	5.35	8.09	9.0	1.06
914	6/11/2007 03:31	17.38	50.303	33.02	5.41	8.1	11.4	1.05
915	6/11/2007 03:46	17.46	50.208	32.96	5.57	8.12	12.6	1.07
916	6/11/2007 04:01	17.35	50.875	33.44	5.56	8.11	12.8	1.12
917	6/11/2007 04:16	17.4	50.153	32.91	5.61	8.13	13.4	1.18
918	6/11/2007 04:31	17.38	50.172	32.93	5.61	8.13	13.9	1.26
919	6/11/2007 04:46	17.31	50.096	32.87	5.55	8.11	15.4	1.32
920	6/11/2007 05:01	17.45	50.147	32.91	5.52	8.15	15.7	1.38
921	6/11/2007 05:16	17.4	49.867	32.7	5.5	8.14	15.2	1.45
922	6/11/2007 05:31	17.4	49.983	32.79	5.49	8.14	15.7	1.54
923	6/11/2007 05:46	17.28	50.002	32.8	5.48	8.13	15.8	1.59
924	6/11/2007 06:01	17.1	50.763	33.36	5.42	8.1		1.67
925	6/11/2007 06:16	16.98	50.077	32.85	5.42	8.08	17.3	1.76
926	6/11/2007 06:31	16.73	49.997	32.79	5.38	8.06	19.2	1.83
927	6/11/2007 06:46	16.5	50.01	32.8	5.33	8.04	18.2	1.91
928	6/11/2007 07:01	16.27	50.116	32.87	5.3	8.03	16.9	1.99
929	6/11/2007 07:16	15.96	50.409	33.08	5.2	8	16.5	2.07
930	6/11/2007 07:31	15.86	50.33	33.02	5.2	8	13.9	2.14
931	6/11/2007 07:46	15.81	50.103	32.86	5.23	8	12.8	2.21
932	6/11/2007 08:01	15.82	50.383	33.06	5.22	8	13.7	2.28
933	6/11/2007 08:16	15.7	50.447	33.1	5.25	8	14.6	2.34
934	6/11/2007 08:31	15.56	50.335	33.02	5.24	8	14.4	2.40
935	6/11/2007 08:46	15.45	50.425	33.08	5.23	7.99	12.1	2.43
936	6/11/2007 09:01	15.41	50.46	33.11	5.23	7.99	11.0	2.48
937	6/11/2007 09:16	15.07	50.419	33.07	5.26	7.99	12.1	2.54
938	6/11/2007 09:31	14.87	50.364	33.03	5.22	7.98	10.9	2.57
939	6/11/2007 09:46	14.87	50.225	32.92	5.09	7.97	8.5	2.58
940	6/11/2007 10:01	14.88	50.384	33.04	4.95	7.96	8.1	2.60
941	6/11/2007 10:16	14.98	50.4	33.05	4.85	7.95	8.7	2.60
942	6/11/2007 10:31	14.95	50.365	33.03	4.77	7.95	6.8	2.58
943	6/11/2007 10:46	14.94	50.381	33.04	4.77	7.94	7.7	2.54
944	6/11/2007 11:01	15.07	50.381	33.04	4.99	7.97	8.3	2.50
945	6/11/2007 11:16	15.35	50.458	33.11	5.49	8.03	10.1	2.44
946	6/11/2007 11:31	15.74	50.478	33.13	5.81	8.07	11.7	2.37
947	6/11/2007 11:46	16.08	50.375	33.06	5.92	8.08	12.5	2.29
948	6/11/2007 12:01	16.12	50.128	32.88	5.77	8.06	12.5	2.24
949	6/11/2007 12:16	16.35	50.169	32.91	6.05	8.09	12.5	2.15
950	6/11/2007 12:31	16.49	50.052	32.83	6.09	8.09	13.6	2.07
951	6/11/2007 12:46	16.68	50.159	32.91	6.16	8.1	14.2	2.03
952	6/11/2007 13:01	16.77	50.225	32.96	6.16	8.1	12.6	1.97
953	6/11/2007 13:16	16.89	50.104	32.87	6.26	8.11	12.9	1.88
954	6/11/2007 13:31	16.91	50.157	32.91	6.03	8.09	11.4	1.83
955	6/11/2007 13:46	16.99	50.096	32.87	6	8.09	10.8	1.78
956	6/11/2007 14:01	17.11	50.116	32.88	6.01	8.11	8.2	1.74
957	6/11/2007 14:16	17.19	50.116	32.88	5.97	8.09	6.9	1.72
958	6/11/2007 14:31	17.28	50.164	32.92	5.87	8.09	3.9	1.71
959	6/11/2007 14:46	17.33	50.244	32.98	6.4	8.14	11.5	1.70

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
960	6/11/2007 15:01	17.5	49.981	32.79	6.51	8.15	10.9	1.70
961	6/11/2007 15:16	17.33	50.194	32.94	6.34	8.13	11.1	1.73
962	6/11/2007 15:31	17.44	50.194	32.94	6.35	8.14	11.1	1.76
963	6/11/2007 15:46	17.37	50.233	32.97	6.37	8.13	11.7	1.82
964	6/11/2007 16:01	17.46	50.28	33.01	6.3	8.14	12.7	1.87
965	6/11/2007 16:16	17.38	50.225	32.97	6.24	8.13	12.1	1.93
966	6/11/2007 16:31	17.32	50.238	32.98	6.18	8.11	12.5	2.00
967	6/11/2007 16:46	17.37	50.194	32.94	6.09	8.11	13.5	2.08
968	6/11/2007 17:01	17.11	50.381	33.08	5.87	8.08	14.5	2.15
969	6/11/2007 17:16	16.99	50.151	32.91	5.78	8.07	15.0	2.24
970	6/11/2007 17:31	16.77	50.171	32.92	5.65	8.05	17.2	2.32
971	6/11/2007 17:46	16.08	50.407	33.08	5.32	8	19.5	2.40
972	6/11/2007 18:01	15.76	50.294	32.99	5.16	7.98	20.2	2.47
973	6/11/2007 18:16	15.48	50.279	32.98	4.97	7.96	16.0	2.55
974	6/11/2007 18:31	15.32	50.572	33.19	4.78	7.94	15.1	2.65
975	6/11/2007 18:46	15.05	50.42	33.07	4.68	7.93	19.3	2.72
976	6/11/2007 19:01	14.76	50.518	33.14	4.87	7.94	19.9	2.81
977	6/11/2007 19:16	14.35	50.398	33.04	5.21	7.97	24.1	2.91
978	6/11/2007 19:31	14.03	50.627	33.19	5.38	7.98	25.8	3.00
979	6/11/2007 19:46	13.58	50.65	33.2	5.52	7.99	25.4	3.09
980	6/11/2007 20:01	13.06	50.645	33.17	5.78	8.01	21.9	3.18
981	6/11/2007 20:16	12.73	50.615	33.14	5.97	8.03	18.2	3.25
982	6/11/2007 20:31	12.54	50.645	33.15	6.09	8.04	15.0	3.32
983	6/11/2007 20:46	12.46	50.329	32.92	6.14	8.05	14.3	3.39
984	6/11/2007 21:01	12.47	50.47	33.02	6.14	8.05	11.4	3.43
985	6/11/2007 21:16	12.43	50.484	33.03	6.12	8.05	9.4	3.47
986	6/11/2007 21:31	12.61	50.546	33.08	5.94	8.04	8.0	3.48
987	6/11/2007 21:46	12.55	50.713	33.2	5.92	8.03	6.4	3.48
988	6/11/2007 22:01	12.42	50.553	33.08	5.99	8.04	10.1	3.45
989	6/11/2007 22:16	12.5	50.566	33.09	5.88	8.04	9.6	3.38
990	6/11/2007 22:31	13.22	50.424	33.02	5.54	7.99	13.3	3.31
991	6/11/2007 22:46	12.99	50.542	33.09	5.6	8	15.0	3.24
992	6/11/2007 23:01	12.95	50.608	33.14	5.66	8.01	12.2	3.14
993	6/11/2007 23:16	13.2	51.119	33.52	5.8	8.03	12.7	3.01
994	6/11/2007 23:31	13.74	50.778	33.29	5.69	8.03	13.2	2.90
995	6/11/2007 23:46	14.82	50.528	33.14	5.51	8.04	23.0	2.79
996	6/12/2007 00:01	15.39	50.555	33.18	5.47	8.04	24.7	2.67
997	6/12/2007 00:16	15.8	50.543	33.18	5.48	8.07	21.9	2.56
998	6/12/2007 00:31	15.75	50.543	33.18	5.37	8.03	19.4	2.43
999	6/12/2007 00:46	15.56	50.503	33.14	5.38	8.02	21.9	2.28
1000	6/12/2007 01:01	15.64	50.212	32.93	5.47	8.04	20.3	2.16
1001	6/12/2007 01:16	15.6	50.444	33.1	5.47	8.04	19.0	2.03
1002	6/12/2007 01:31	15.65	50.388	33.06	5.44	8.04	19.1	1.87
1003	6/12/2007 01:46	15.67	50.537	33.17	5.42	8.03	20.6	1.73
1004	6/12/2007 02:01	15.72	50.424	33.09	5.36	8.03	21.2	1.60
1005	6/12/2007 02:16	15.77	50.375	33.05	5.3	8.02	21.5	1.45
1006	6/12/2007 02:31	16.1	50.486	33.14	5.37	8.04	19.9	1.29
1007	6/12/2007 02:46	16.21	50.406	33.08	5.37	8.04	18.4	1.15

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	6/12/2007 03:01	16.33	50.303	33.01	5.4	8.05	17.6	1.05
1009	6/12/2007 03:16	16.49	50.288	33	5.42	8.05	16.1	0.95
1010	6/12/2007 03:31	16.6	50.306	33.02	5.41	8.06	14.4	0.83
1011	6/12/2007 03:46	16.65	50.393	33.08	5.34	8.06	12.2	0.78
1012	6/12/2007 04:01	16.74	50.402	33.09	5.2	8.05	6.6	0.77
1013	6/12/2007 04:16	16.68	50.313	33.02	5.46	8.07	14.3	0.76
1014	6/12/2007 04:31	16.76	50.284	33	5.5	8.08	13.0	0.81
1015	6/12/2007 04:46	17.08	50.333	33.04	5.57	8.11	13.7	0.86
1016	6/12/2007 05:01	16.99	50.374	33.07	5.58	8.1	13.4	0.91
1017	6/12/2007 05:16	17.06	50.254	32.98	5.59	8.11	14.9	0.98
1018	6/12/2007 05:31	17.02	50.238	32.97	5.57	8.11	14.7	1.05
1019	6/12/2007 05:46	17.05	50.078	32.86	5.56	8.14	15.0	1.13
1020	6/12/2007 06:01	17.14	49.941	32.76	5.53	8.16	18.9	1.20
1021	6/12/2007 06:16	17.08	49.992	32.79	5.49	8.15	17.0	1.27
1022	6/12/2007 06:31	17.06	50.002	32.8	5.47	8.14	16.3	1.34
1023	6/12/2007 06:46	17.03	50.062	32.84	5.45	8.14	16.0	1.43
1024	6/12/2007 07:01	16.92	49.944	32.76	5.49	8.13	16.6	1.52
1025	6/12/2007 07:16	16.81	50.018	32.81	5.46	8.11	15.6	1.60
1026	6/12/2007 07:31	16.68	50.092	32.86	5.44	8.1	16.3	1.69
1027	6/12/2007 07:46	16.44	50.126	32.88	5.4	8.08	19.0	1.80
1028	6/12/2007 08:01	15.97	50.232	32.95	5.34	8.04	19.7	1.89
1029	6/12/2007 08:16	15.87	50.444	33.11	5.32	8.03	17.5	1.98
1030	6/12/2007 08:31	15.8	50.474	33.13	5.33	8.03	16.5	2.07
1031	6/12/2007 08:46	15.75	50.489	33.14	5.34	8.03	15.6	2.17
1032	6/12/2007 09:01	15.56	50.337	33.02	5.31	8.02	17.4	2.24
1033	6/12/2007 09:16	15.44	50.343	33.02	5.29	8.02	16.1	2.31
1034	6/12/2007 09:31	15.31	50.508	33.14	5.28	8.01	15.4	2.39
1035	6/12/2007 09:46	15.13	50.533	33.16	5.23	8	16.7	2.45
1036	6/12/2007 10:01	14.96	50.34	33.01	5.15	7.98	16.4	2.49
1037	6/12/2007 10:16	14.79	50.359	33.02	4.9	7.96	12.5	2.55
1038	6/12/2007 10:31	14.71	50.084	32.82	4.73	7.94	12.2	2.60
1039	6/12/2007 10:46	14.49	50.573	33.17	4.7	7.93	12.8	2.63
1040	6/12/2007 11:01	14.24	50.563	33.15	4.77	7.93	9.4	2.65
1041	6/12/2007 11:16	14.11	50.614	33.19	4.85	7.94	9.1	2.69
1042	6/12/2007 11:31	14.23	50.478	33.09	4.58	7.92	5.3	2.69
1043	6/12/2007 11:46	14.13	50.602	33.18	4.7	7.93	6.1	2.67
1044	6/12/2007 12:01	14.07	50.466	33.08	4.82	7.94	7.7	2.64
1045	6/12/2007 12:16	14.38	50.328	32.99	4.79	7.94	10.7	2.57
1046	6/12/2007 12:31	15.05	50.414	33.07	4.96	7.97	11.2	2.52
1047	6/12/2007 12:46	15.47	50.434	33.09	5.53	8.04	13.0	2.44
1048	6/12/2007 13:01	15.96	50.513	33.16	6.03	8.09	12.8	2.36
1049	6/12/2007 13:16	16.07	50.083	32.85	6.02	8.1	12.4	2.29
1050	6/12/2007 13:31	16.22	50.555	33.19	6.09	8.11	13.2	2.21
1051	6/12/2007 13:46	16.43	50.338	33.04	6.11	8.11	11.4	2.16
1052	6/12/2007 14:01	16.67	50.163	32.91	6.34	8.13	10.2	2.08
1053	6/12/2007 14:16	16.95	50.221	32.96	6.42	8.15	9.2	2.02
1054	6/12/2007 14:31	17.07	50.137	32.9	6.64	8.16	9.6	1.97
1055	6/12/2007 14:46	17.25	50.298	33.02	6.81	8.18	9.7	1.91

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #1
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	6/12/2007 15:01	17.44	50.173	32.93	7.03	8.2	6.1	1.87
1057	6/12/2007 15:16	17.67	50.407	33.1	6.96	8.21	5.0	1.84
1058	6/12/2007 15:31	17.72	50.014	32.81	7.22	8.23	4.5	1.83
1059	6/12/2007 15:46	17.67	50.141	32.91	7.47	8.24	8.8	1.82
1060	6/12/2007 16:01	17.52	50.382	33.08	7.26	8.22	8.8	1.85
1061	6/12/2007 16:16	17.44	50.269	33	7.06	8.2	9.3	1.88
1062	6/12/2007 16:31	17.69	50.128	32.9	7	8.2	9.7	1.89
1063	6/12/2007 16:46	17.61	50.35	33.06	6.87	8.19	9.3	1.96
1064	6/12/2007 17:01	17.37	50.158	32.92	6.7	8.16	11.3	2.02
1065	6/12/2007 17:16	17.53	50.357	33.06	6.74	8.17	10.8	2.07
1066	6/12/2007 17:31	17.54	50.193	32.94	6.6	8.15	11.4	2.14
1067	6/12/2007 17:46	17.22	50.178	32.93	6.43	8.13	12.7	2.23
1068	6/12/2007 18:01	16.82	50.49	33.15	6.19	8.1	15.1	2.32
1069	6/12/2007 18:16	16.33	50.506	33.16	5.82	8.06	13.2	2.38
1070	6/12/2007 18:31	15.93	50.248	32.96	5.59	8.03	15.0	2.46
1071	6/12/2007 18:46	15.68	50.288	32.99	5.41	8.01	16.8	2.54
1072	6/12/2007 19:01	15.16	50.382	33.05	5.26	7.99	16.7	2.63
1073	6/12/2007 19:16	14.66	50.328	32.99	4.96	7.95	17.1	2.72
1074	6/12/2007 19:31	14.23	50.553	33.15	4.79	7.93	19.0	2.80
1075	6/12/2007 19:46	13.8	50.49	33.09	5.49	7.98	22.8	2.90
1076	6/12/2007 20:01	13.44	50.618	33.17	5.78	8	23.4	3.00
1077	6/12/2007 20:16	13.01	50.426	33.01	5.91	8.01	21.2	3.10
1078	6/12/2007 20:31	12.45	50.308	32.9	5.97	8.01	18.8	3.19
1079	6/12/2007 20:46	12.24	50.606	33.11	5.98	8.01	17.7	3.28
1080	6/12/2007 21:01	11.93	50.469	32.99	6	8.01	14.9	3.37
1081	6/12/2007 21:16	11.85	50.65	33.12	6.03	8.02	15.0	3.44
1082	6/12/2007 21:31	11.81	50.525	33.03	6.12	8.03	10.2	3.50
1083	6/12/2007 21:46	11.65	50.868	33.27	6.22	8.04	8.1	3.56
1084	6/12/2007 22:01	11.56	50.519	33.01	6.25	8.05	6.8	3.60
1085	6/12/2007 22:16	11.54	50.716	33.15	6.24	8.05	6.8	3.61
1086	6/12/2007 22:31	11.76	50.3	32.86	6.05	8.03	7.5	3.60
1087	6/12/2007 22:46	11.58	50.494	32.99	6.19	8.04	6.1	3.58
1088	6/12/2007 23:01	11.58	50.698	33.14	6.18	8.04		3.52
1089	6/12/2007 23:16	12.69	50.591	33.12	5.71	8	10.6	3.43
1090	6/12/2007 23:31	12.58	50.423	32.99	5.58	7.98	10.1	3.34
1091	6/12/2007 23:46	12.99	50.54	33.09	5.88	8.04	10.3	3.22
1092	6/13/2007 00:01	13.63	50.53	33.11	6.15	8.08	14.4	3.11
1093	6/13/2007 00:16	13.93	50.518	33.11	6.07	8.08	12.3	2.98
1094	6/13/2007 00:31	13.99	50.43	33.05	6.03	8.07	12.6	2.85
1095	6/13/2007 00:46	14.56	50.562	33.16	5.97	8.07	13.3	2.73
1096	6/13/2007 01:01	15.27	51.021	33.52	5.98	8.08	20.2	2.59
1097	6/13/2007 01:16	15.33	50.49	33.13	5.86	8.07	11.3	2.47
1098	6/13/2007 01:31	15.25	50.399	33.06	5.75	8.06	10.8	2.32
1099	6/13/2007 01:46	15.64	50.482	33.13	5.99	8.09	14.7	2.17
1100	6/13/2007 02:01	15.68	50.409	33.08	5.93	8.09	13.9	2.02
1101	6/13/2007 02:16	15.66	50.575	33.2	5.86	8.07	15.0	1.88
1102	6/13/2007 02:31	15.71	50.373	33.05	5.81	8.07	16.6	1.72
1103	6/13/2007 02:46	15.86	50.517	33.16	5.79	8.07	17.2	1.56

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	6/13/2007 03:01	16.13	50.615	33.24	5.77	8.08	17.7	1.41
1105	6/13/2007 03:16	16.47	50.558	33.2	5.85	8.1	18.9	1.23
1106	6/13/2007 03:31	16.51	50.21	32.94	5.85	8.09	18.3	1.06
1107	6/13/2007 03:46	16.77	50.337	33.04	5.88	8.11	18.0	0.92
1108	6/13/2007 04:01	16.82	50.533	33.19	5.83	8.11	16.5	0.79
1109	6/13/2007 04:16	17.02	50.542	33.2	5.88	8.12	14.1	0.66
1110	6/13/2007 04:31	17.17	50.437	33.12	5.83	8.12	10.6	0.57
1111	6/13/2007 04:46	17.07	50.577	33.22	5.71	8.11	8.8	0.55
1112	6/13/2007 05:01	17.44	50.349	33.06	6.15	8.17	11.6	0.53
1113	6/13/2007 05:16	17.77	50.317	33.04	6.37	8.21	11.9	0.59
1114	6/13/2007 05:31	17.67	50.256	32.99	6.37	8.2	12.1	0.67
1115	6/13/2007 05:46	17.61	50.247	32.98	6.4	8.2	11.4	0.74
1116	6/13/2007 06:01	17.59	50.412	33.11	6.38	8.19	13.0	0.82
1117	6/13/2007 06:16	17.53	50.296	33.02	6.38	8.19	11.4	0.88
1118	6/13/2007 06:31	17.49	50.191	32.94	6.35	8.19	11.5	0.94
1119	6/13/2007 06:46	17.65	49.967	32.78	6.24	8.19	13.0	0.98
1120	6/13/2007 07:01	17.72	50.07	32.86	6.19	8.18	13.2	1.05
1121	6/13/2007 07:16	17.72	50.045	32.84	6.15	8.18	13.3	1.14
1122	6/13/2007 07:31	17.68	50.043	32.84	6.13	8.17	13.6	1.24
1123	6/13/2007 07:46	17.48	50.285	33.01	6.06	8.16	14.6	1.33
1124	6/13/2007 08:01	17.39	50.302	33.02	6	8.15	15.5	1.43
1125	6/13/2007 08:16	17.01	50.391	33.08	5.96	8.13	16.9	1.54
1126	6/13/2007 08:31	16.81	50.157	32.91	5.88	8.11	17.9	1.64
1127	6/13/2007 08:46	16.54	50.015	32.8	5.82	8.1	18.1	1.75
1128	6/13/2007 09:01	16.4	50.446	33.12	5.76	8.08	17.0	1.86
1129	6/13/2007 09:16	16.34	49.996	32.79	5.75	8.08	16.9	1.96
1130	6/13/2007 09:31	16.25	50.475	33.14	5.71	8.08	18.3	2.07
1131	6/13/2007 09:46	16.07	50.466	33.13	5.67	8.07	17.9	2.16
1132	6/13/2007 10:01	15.94	50.446	33.11	5.63	8.06	17.5	2.25
1133	6/13/2007 10:16	15.71	50.351	33.04	5.57	8.05	18.4	2.34
1134	6/13/2007 10:31	15.4	50.335	33.02	5.44	8.03	19.4	2.42
1135	6/13/2007 10:46	15.19	50.381	33.05	5.2	8	17.2	2.48
1136	6/13/2007 11:01	14.85	50.204	32.91	4.93	7.96	14.9	2.55
1137	6/13/2007 11:16	14.47	50.371	33.02	4.91	7.95	15.4	2.61
1138	6/13/2007 11:31	14.08	50.594	33.17	5.03	7.96	15.1	2.66
1139	6/13/2007 11:46	13.99	50.475	33.08	5.15	7.97	15.2	2.69
1140	6/13/2007 12:01	13.84	50.423	33.04	5.2	7.98	11.4	2.73
1141	6/13/2007 12:16	13.8	50.361	32.99	5.16	7.98	10.2	2.74
1142	6/13/2007 12:31	13.79	50.678	33.22	5.06	7.97	8.4	2.75
1143	6/13/2007 12:46	13.84	50.641	33.2	5.04	7.97	7.1	2.72
1144	6/13/2007 13:01	14.01	50.595	33.17	5.09	7.97	7.4	2.69
1145	6/13/2007 13:16	14.59	50.365	33.02	5.13	7.98	14.7	2.64
1146	6/13/2007 13:31	14.93	50.309	32.99	5.12	7.98	14.4	2.56
1147	6/13/2007 13:46	15.56	50.135	32.87	5.35	8.02	18.9	2.52
1148	6/13/2007 14:01	15.95	50.192	32.92	5.62	8.05	19.1	2.44
1149	6/13/2007 14:16	16.1	50.31	33.01	5.74	8.06	19.6	2.36
1150	6/13/2007 14:31	16.36	50.286	33	5.93	8.07	20.5	2.29
1151	6/13/2007 14:46	16.61	50.316	33.02	6.16	8.09	20.0	2.23

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	6/13/2007 15:01	16.8	50.265	32.99	6.24	8.1	18.3	2.16
1153	6/13/2007 15:16	16.95	50.167	32.92	6.26	8.11	18.5	2.10
1154	6/13/2007 15:31	17.12	50.283	33.01	6.26	8.12	18.1	2.04
1155	6/13/2007 15:46	17.23	50.203	32.95	6.28	8.13	19.3	1.99
1156	6/13/2007 16:01	17.32	50.366	33.07	6.24	8.13	13.0	1.94
1157	6/13/2007 16:16	17.42	50.009	32.81	6.15	8.13	11.6	1.92
1158	6/13/2007 16:31	17.49	50.128	32.9	6.22	8.14	8.1	1.91
1159	6/13/2007 16:46	17.61	50.262	33	6.37	8.15	11.0	1.90
1160	6/13/2007 17:01	17.62	50.146	32.91	6.52	8.16	13.6	1.91
1161	6/13/2007 17:16	17.39	50.023	32.82	6.49	8.15	13.2	1.95
1162	6/13/2007 17:31	17.46	50.21	32.96	6.47	8.15	14.3	1.98
1163	6/13/2007 17:46	17.35	50.159	32.92	6.43	8.14	14.9	2.03
1164	6/13/2007 18:01	17.57	50.415	33.11	6.23	8.15	16.1	2.10
1165	6/13/2007 18:16	17.28	50.365	33.07	6.29	8.12	17.8	2.16
1166	6/13/2007 18:31	17.29	50.26	32.99	6.25	8.12	18.3	2.23
1167	6/13/2007 18:46	17.36	50.177	32.93	6.26	8.12	20.1	2.31
1168	6/13/2007 19:01	17.11	50.401	33.09	6.17	8.12	23.9	2.40
1169	6/13/2007 19:16	16.66	50.221	32.96	5.96	8.08	23.2	2.47
1170	6/13/2007 19:31	15.86	50.325	33.02	5.61	8.03	22.9	2.56
1171	6/13/2007 19:46	15.23	50.454	33.1	5.49	8.01	26.5	2.65
1172	6/13/2007 20:01	14.63	50.28	32.96	5.32	7.99	20.6	2.73
1173	6/13/2007 20:16	14.31	50.389	33.03	5.01	7.95	20.2	2.81
1174	6/13/2007 20:31	13.54	50.216	32.88	5.19	7.96	24.3	2.91
1175	6/13/2007 20:46	13.26	50.73	33.24	5.74	7.97	22.2	3.00
1176	6/13/2007 21:01	13.23	50.548	33.11	5.56	7.99	25.0	3.09
1177	6/13/2007 21:16	12.86	50.757	33.25	5.66	7.99	26.2	3.19
1178	6/13/2007 21:31	12.51	50.764	33.24	5.69	7.99	22.6	3.28
1179	6/13/2007 21:46	12.16	50.805	33.25	5.81	8	20.5	3.37
1180	6/13/2007 22:01	11.95	50.597	33.09	5.89	8.01	16.5	3.45
1181	6/13/2007 22:16	11.79	50.683	33.14	5.99	8.02	14.6	3.52
1182	6/13/2007 22:31	11.71	50.806	33.23	6.04	8.03	12.4	3.58
1183	6/13/2007 22:46	11.66	50.633	33.1	6.13	8.03	10.9	3.63
1184	6/13/2007 23:01	11.64	50.7	33.15	6.12	8.04	8.8	3.65
1185	6/13/2007 23:16	11.86	50.858	33.27	5.92	8.02	9.1	3.64
1186	6/13/2007 23:31	11.68	50.794	33.22	6.02	8.03		3.61
1187	6/13/2007 23:46	11.83	50.624	33.1	6.01	8.03	8.7	3.57
1188	6/14/2007 00:01	12.12	50.542	33.06	5.87	8	15.6	3.49
1189	6/14/2007 00:16	11.82	50.528	33.03	5.95	8.01	18.8	3.39
1190	6/14/2007 00:31	12.8	50.498	33.05	5.89	8.04	16.5	3.28
1191	6/14/2007 00:46	11.91	50.605	33.09	5.99	8.02	13.6	3.16
1192	6/14/2007 01:01	12.39	50.507	33.04	5.95	8.02	16.5	3.03
1193	6/14/2007 01:16	12.48	50.83	33.28	5.93	8.02	17.2	2.90
1194	6/14/2007 01:31	13.03	51.091	33.5	5.8	8.02	21.1	2.77
1195	6/14/2007 01:46	13.47	50.731	33.25	5.68	8.02	19.3	2.63
1196	6/14/2007 02:01	13.81	50.503	33.1	5.62	8.02	19.0	2.48
1197	6/14/2007 02:16	13.96	50.602	33.17	5.62	8.02	20.4	2.35
1198	6/14/2007 02:31	13.99	50.526	33.12	5.58	8.02	19.0	2.18
1199	6/14/2007 02:46	14.57	50.41	33.05	5.63	8.04	26.5	2.02

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #1	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	6/14/2007 03:01	14.55	50.683	33.25	5.58	8.03	24.3	1.87
1201	6/14/2007 03:16	14.88	50.483	33.11	5.56	8.04	24.4	1.70
1202	6/14/2007 03:31	14.84	50.739	33.3	5.54	8.03	25.4	1.53
1203	6/14/2007 03:46	15.64	50.401	33.07	5.53	8.05	28.3	1.36
1204	6/14/2007 04:01	15.61	50.394	33.06	5.49	8.04	26.3	1.18
1205	6/14/2007 04:16	16.12	50.478	33.14	5.48	8.06	27.4	0.99
1206	6/14/2007 04:31	16.52	50.281	33	5.47	8.07	29.2	0.83
1207	6/14/2007 04:46	16.65	50.356	33.05	5.39	8.07	27.0	0.68
1208	6/14/2007 05:01	16.82	50.324	33.03	5.36	8.07	22.3	0.54
1209	6/14/2007 05:16	16.84	50.334	33.04	5.21	8.06	16.6	0.43
1210	6/14/2007 05:31	16.53	50.341	33.04	5.24	8.05	18.8	0.38
1211	6/14/2007 05:46	16.71	50.065	32.84	5.41	8.07	21.2	0.38
1212	6/14/2007 06:01	16.88	50.088	32.86	5.43	8.08	24.2	0.43
1213	6/14/2007 06:16	17	49.967	32.77	5.44	8.08	21.2	0.51
1214	6/14/2007 06:31	17.07	50.26	32.99	5.42	8.09	21.8	0.59
1215	6/14/2007 06:46	17.17	50.28	33	5.38	8.09	22.1	0.68
1216	6/14/2007 07:01	17.2	49.938	32.75	5.35	8.09	22.2	0.73
1217	6/14/2007 07:16	17.17	50.412	33.1	5.32	8.08	21.8	0.77
1218	6/14/2007 07:31	17.08	50.407	33.1	5.35	8.09	20.5	0.84
1219	6/14/2007 07:46	17.08	50.005	32.8	5.41	8.1	20.8	0.89
1220	6/14/2007 08:01	17.09	50.213	32.95	5.4	8.11	21.0	0.98
1221	6/14/2007 08:16	17.1	50.065	32.85	5.42	8.11	21.4	1.08
1222	6/14/2007 08:31	17.06	50.004	32.8	5.38	8.1	22.1	1.18
1223	6/14/2007 08:46	17.1	50.137	32.9	5.45	8.11	23.0	1.30
1224	6/14/2007 09:01	16.99	50.179	32.93	5.42	8.1	23.5	1.41
1225	6/14/2007 09:16	16.8	50.232	32.97	5.43	8.08	24.1	1.53
1226	6/14/2007 09:31	16.58	50.241	32.97	5.42	8.07	25.1	1.64
1227	6/14/2007 09:46	16.11	50.492	33.15	5.43	8.06	27.6	1.77
1228	6/14/2007 10:01	15.83	50.406	33.08	5.39	8.05	26.2	1.87
1229	6/14/2007 10:16	15.8	50.4	33.07	5.41	8.05	23.3	1.99
1230	6/14/2007 10:31	15.75	50.076	32.83	5.41	8.05	25.8	2.09
1231	6/14/2007 10:46	15.58	50.152	32.89	5.39	8.03	29.0	2.20
1232	6/14/2007 11:01	15.25	50.225	32.93	5.26	8.01	31.8	2.28
1233	6/14/2007 11:16	15.01	50.131	32.86	5.03	7.98	32.7	2.36
1234	6/14/2007 11:31	14.78	50.334	33	4.54	7.92	32.6	2.45
1235	6/14/2007 11:46	14.28	50.324	32.98	4.65	7.92	27.0	2.52
1236	6/14/2007 12:01	13.89	50.402	33.02	4.89	7.94	29.9	2.59
1237	6/14/2007 12:16	13.76	50.5	33.09	5	7.95	26.9	2.64
1238	6/14/2007 12:31	13.64	50.123	32.81	5.15	7.96	24.2	2.70
1239	6/14/2007 12:46	13.54	50.487	33.08	5.21	7.97	21.1	2.75
1240	6/14/2007 13:01	13.34	50.375	32.99	5.26	7.97	20.4	2.78
1241	6/14/2007 13:16	13.23	50.506	33.08	5.18	7.97	17.1	2.79
1242	6/14/2007 13:31	13.36	50.406	33.01	5.12	7.96	15.4	2.78
1243	6/14/2007 13:46	13.29	50.412	33.01	5.12	7.96	16.0	2.76
1244	6/14/2007 14:01	13.47	50.335	32.96	5.11	7.96	15.2	2.73
1245	6/14/2007 14:16	13.69	50.202	32.87	5.14	7.97	18.3	2.67
1246	6/14/2007 14:31	14.13	50.356	33	5.34	7.99	26.1	2.60
1247	6/14/2007 14:46	14.72	50.116	32.84	5.48	8.02	23.5	2.53

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #1
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1248	6/14/2007 15:01	15.34	50.542	33.17	5.61	8.04	23.7	2.46
1249	6/14/2007 15:16	15.47	50.344	33.02	5.69	8.05	22.2	2.37
1250	6/14/2007 15:31	15.88	50.185	32.92	6.14	8.09	21.9	2.30
1251	6/14/2007 15:46	16.07	50.145	32.89	6.3	8.11	21.0	2.22
1252	6/14/2007 16:01	16.32	50.118	32.87	6.63	8.14	18.6	2.16
1253	6/14/2007 16:16	16.47	50.233	32.96	6.73	8.16	18.6	2.10
1254	6/14/2007 16:31	16.68	49.968	32.77	6.83	8.17	18.9	2.04
1255	6/14/2007 16:46	16.78	50.247	32.98	6.87	8.18	17.5	2.00
1256	6/14/2007 17:01	16.84	49.989	32.79	6.87	8.19	14.2	1.96
1257	6/14/2007 17:16	16.92	50.181	32.93	6.55	8.16	11.0	1.95
1258	6/14/2007 17:31	17.07	50.241	32.97	6.75	8.2	12.9	1.92
1259	6/14/2007 17:46	16.92	50.194	32.94	7.1	8.2	16.6	1.92
1260	6/14/2007 18:01	17.06	49.87	32.7	6.89	8.18	20.8	1.95
1261	6/14/2007 18:16	17.29	49.871	32.71	6.68	8.17	16.6	1.98
1262	6/14/2007 18:31	17.27	50.104	32.88	6.53	8.16	17.7	2.01
1263	6/14/2007 18:46	17.27	49.809	32.66	6.52	8.15	19.1	2.08
1264	6/14/2007 19:01	16.92	50.202	32.94	6.39	8.13	22.1	2.16
1265	6/14/2007 19:16	17.03	50.295	33.01	6.42	8.13	26.3	2.22
1266	6/14/2007 19:31	16.69	50.152	32.91	6.27	8.11	31.5	2.29
1267	6/14/2007 19:46	16.41	50.26	32.98	6.1	8.09	26.2	2.37
1268	6/14/2007 20:01	15.82	50.154	32.89	5.8	8.05	30.3	2.45
1269	6/14/2007 20:16	15.12	50.215	32.92	5.57	8.01	32.1	2.54
1270	6/14/2007 20:31	14.33	50.552	33.15	5.34	7.98	28.4	2.61
1271	6/14/2007 20:46	13.95	50.59	33.16	5.22	7.96	24.8	2.70
1272	6/14/2007 21:01	13.78	50.673	33.22	5.04	7.94	28.7	2.81
1273	6/14/2007 21:16	13.08	50.654	33.18	5.14	7.94	33.1	2.89
1274	6/14/2007 21:31	12.61	50.642	33.15	5.33	7.94	29.3	2.99
1275	6/14/2007 21:46	12.26	50.509	33.04	5.47	7.95	26.5	3.10
1276	6/14/2007 22:01	11.91	50.649	33.12	5.53	7.94	30.1	3.19
1277	6/14/2007 22:16	11.62	50.628	33.09	5.59	7.94	26.5	3.29
1278	6/14/2007 22:31	11.45	50.555	33.03	5.6	7.94	25.9	3.37
1279	6/14/2007 22:46	11.33	50.665	33.11	5.61	7.94	22.7	3.46
1280	6/14/2007 23:01	11.21	50.614	33.06	5.64	7.94	21.1	3.53
1281	6/14/2007 23:16	11.21	50.482	32.97	5.63	7.95	19.3	3.58
1282	6/14/2007 23:31	11.11	50.628	33.07	5.58	7.94	18.2	3.63
1283	6/14/2007 23:46	11.08	50.641	33.07	5.56	7.94	18.0	3.67
1284	6/15/2007 00:01	11.51	50.478	32.98	5.51	7.96	17.0	3.66
1285	6/15/2007 00:16	11.41	50.372	32.9	5.4	7.94	17.8	3.64
1286	6/15/2007 00:31	11.21	50.908	33.28	5.41	7.93	16.5	3.60
1287	6/15/2007 00:46	11.49	50.706	33.14	5.38	7.94	17.9	3.53
1288	6/15/2007 01:01	12.13	50.378	32.94	5.21	7.93	26.8	3.43
1289	6/15/2007 01:16	11.71	50.514	33.02	5.27	7.92	17.7	3.33
1290	6/15/2007 01:31	12.52	50.22	32.84	5.32	7.96	21.3	3.21
1291	6/15/2007 01:46	12.74	50.42	33	5.38	7.97	22.4	3.07
1292	6/15/2007 02:01	13.03	50.509	33.07	5.44	7.98	26.0	2.95
1293	6/15/2007 02:16	13.47	50.46	33.05	5.35	7.98	22.7	2.81
1294	6/15/2007 02:31	13.84	50.583	33.16	5.35	7.99	21.3	2.68
1295	6/15/2007 02:46	14.54	50.592	33.18	5.41	8.01	26.0	2.53

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #1
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	6/15/2007 03:01	14.57	50.656	33.23	5.35	8	25.2	2.39
1297	6/15/2007 03:16	14.58	50.406	33.05	5.34	8	25.3	2.24
1298	6/15/2007 03:31	14.41	50.508	33.12	5.33	7.99	21.9	2.08
1299	6/15/2007 03:46	14.56	50.338	33	5.4	8	27.6	1.91
1300	6/15/2007 04:01	14.89	50.499	33.12	5.4	8.02	25.7	1.75
1301	6/15/2007 04:16	15.34	50.352	33.03	5.41	8.02	30.4	1.58
1302	6/15/2007 04:31	15.45	50.749	33.32	5.35	8.02	34.8	1.41
1303	6/15/2007 04:46	15.62	50.683	33.28	5.34	8.02	35.0	1.24
1304	6/15/2007 05:01	15.91	50.312	33.01	5.4	8.03	35.1	1.05
1305	6/15/2007 05:16	15.93	50.413	33.08	5.38	8.03	36.5	0.88
1306	6/15/2007 05:31	16.18	50.308	33.01	5.38	8.04	36.7	0.73
1307	6/15/2007 05:46	16.44	50.295	33.01	5.44	8.06	38.2	0.58
1308	6/15/2007 06:01	16.51	50.373	33.06	5.35	8.05	36.7	0.43
1309	6/15/2007 06:16	16.71	50.436	33.11	5.27	8.06	29.7	0.36
1310	6/15/2007 06:31	16.53	50.446	33.12	5.14	8.04	29.2	0.32
1311	6/15/2007 06:46	17.25	50.377	33.08	5.56	8.1	29.5	0.35
1312	6/15/2007 07:01	17.23	50.276	33	5.63	8.11	29.0	0.43
1313	6/15/2007 07:16	17.27	50.206	32.95	5.64	8.1	30.6	0.52
1314	6/15/2007 07:31	17.31	50.132	32.9	5.64	8.1	32.3	0.61
1315	6/15/2007 07:46	17.3	50.293	33.02	5.63	8.1	33.5	0.69
1316	6/15/2007 08:01	17.28	50.235	32.97	5.66	8.1	33.6	0.75
1317	6/15/2007 08:16	17.43	50.303	33.02	5.61	8.11	34.1	0.80
1318	6/15/2007 08:31	17.29	50.374	33.07	5.57	8.1	34.7	0.87
1319	6/15/2007 08:46	17.54	50.373	33.08	5.55	8.11	33.6	0.95
1320	6/15/2007 09:01	17.39	50.143	32.91	5.54	8.1	36.2	1.04
1321	6/15/2007 09:16	17.22	50.105	32.88	5.52	8.09	38.8	1.14
1322	6/15/2007 09:31	17.04	50.317	33.03	5.52	8.08	36.3	1.27
1323	6/15/2007 09:46	17.04	49.692	32.57	5.54	8.08	35.9	1.38
1324	6/15/2007 10:01	16.86	50.405	33.09	5.51	8.07	39.5	1.50
1325	6/15/2007 10:16	16.32	50.111	32.87	5.45	8.05	39.6	1.61
1326	6/15/2007 10:31	16.11	50.065	32.83	5.43	8.04	38.5	1.74
1327	6/15/2007 10:46	15.87	49.978	32.77	5.36	8.04	39.6	1.85
1328	6/15/2007 11:01	15.83	50.007	32.79	5.33	8.03	37.8	1.96
1329	6/15/2007 11:16	15.74	50.039	32.81	5.27	8.02	39.0	2.07
Mean		15.26	50.26	32.95	5.65	8.01	13.3	2.16
Standard Dev.		1.72	0.28	0.18	1.12	0.09	6.3	0.70

Values in bold red type indicate exceedance of established applicable criteria

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
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	6/15/2007 11:31	15.46	50.707	33.29	6.26	7.9	20.4	2.09
1	6/15/2007 11:46	15.16	50.849	33.39	5.98	7.9	22.7	2.19
2	6/15/2007 12:01	14.83	50.961	33.46	5.34	7.84	22.2	2.28
3	6/15/2007 12:16	14.44	51.023	33.5	5.09	7.82	22.9	2.36
4	6/15/2007 12:31	13.8	51.139	33.56	5.45	7.84	20.1	2.44
5	6/15/2007 12:46	13.46	51.221	33.61	5.64	7.85	20.6	2.51
6	6/15/2007 13:01	13.39	51.238	33.62	5.68	7.86	19.2	2.58
7	6/15/2007 13:16	13.2	51.278	33.64	5.74	7.87	17.4	2.64
8	6/15/2007 13:31	13.08	51.285	33.64	5.74	7.87	14.9	2.69
9	6/15/2007 13:46	12.97	51.304	33.65	5.74	7.87	9.6	2.74
10	6/15/2007 14:01	12.71	51.323	33.65	5.7	7.86	8.5	2.77
11	6/15/2007 14:16	13.2	51.314	33.67	5.47	7.86	6.1	2.77
12	6/15/2007 14:31	12.74	51.323	33.66	5.47	7.85	6.4	2.77
13	6/15/2007 14:46	12.7	51.331	33.66	5.5	7.85	5.7	2.74
14	6/15/2007 15:01	12.95	51.293	33.64	5.51	7.86	8.3	2.68
15	6/15/2007 15:16	13.63	51.133	33.55	5.63	7.89	10.7	2.61
16	6/15/2007 15:31	14	51.215	33.62	6.09	7.93	11.6	2.54
17	6/15/2007 15:46	14.89	51.115	33.58	6.62	7.98	12.4	2.46
18	6/15/2007 16:01	15.36	50.946	33.46	6.65	7.99	12.1	2.37
19	6/15/2007 16:16	15.91	51.058	33.56	7.29	8.06	10.4	2.29
20	6/15/2007 16:31	15.95	51.017	33.53	7.17	8.03	8.3	2.22
21	6/15/2007 16:46	16.33	51.109	33.6	8.19	8.11	7.3	2.15
22	6/15/2007 17:01	16.58	51.086	33.59	8.7	8.12	6.5	2.07
23	6/15/2007 17:16	16.75	51.099	33.6	9.38	8.17	6.1	2.01
24	6/15/2007 17:31	16.98	51.099	33.6	9.1	8.15	5.4	1.96
25	6/15/2007 17:46	17.22	51.139	33.64	9.62	8.19	5.2	1.91
26	6/15/2007 18:01	17.5	51.039	33.57	9.78	8.2	4.2	1.88
27	6/15/2007 18:16	17.6	51.062	33.58	9.63	8.2	4.7	1.85
28	6/15/2007 18:31	17.67	51.011	33.55	8.97	8.17	1.9	1.84
29	6/15/2007 18:46	17.59	51.086	33.6	10.25	8.22	5.2	1.86
30	6/15/2007 19:01	17.41	51.076	33.59	9.43	8.17	6.4	1.87
31	6/15/2007 19:16	17.34	51.075	33.59	9.25	8.16	6.4	1.91
32	6/15/2007 19:31	17.35	51.059	33.58	8.63	8.12	7.8	1.97
33	6/15/2007 19:46	17.11	51.062	33.58	8.19	8.09	11.0	2.03
34	6/15/2007 20:01	17.49	51.027	33.56	8.02	8.08	11.2	2.10
35	6/15/2007 20:16	17.28	51.032	33.56	7.85	8.07	12.0	2.17
36	6/15/2007 20:31	16.73	51.054	33.57	7.58	8.04	12.0	2.25
37	6/15/2007 20:46	15.88	51.073	33.57	7.1	7.99	12.3	2.34
38	6/15/2007 21:01	15.52	51.102	33.58	6.8	7.97	12.9	2.42
39	6/15/2007 21:16	14.45	51.17	33.6	6.12	7.89	17.3	2.50
40	6/15/2007 21:31	14.11	51.171	33.59	5.97	7.88	14.3	2.59
41	6/15/2007 21:46	14.02	51.186	33.6	5.89	7.88	13.1	2.68
42	6/15/2007 22:01	13.36	51.234	33.61	5.47	7.82	16.1	2.77
43	6/15/2007 22:16	12.73	51.278	33.62	5.67	7.83	13.7	2.86
44	6/15/2007 22:31	12.4	51.297	33.62	5.81	7.84	12.9	2.96
45	6/15/2007 22:46	11.87	51.349	33.63	6.04	7.84	14.6	3.06
46	6/15/2007 23:01	11.63	51.373	33.64	6.12	7.84	13.3	3.14
47	6/15/2007 23:16	11.4	51.358	33.61	6.1	7.84	10.9	3.23

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
48	6/15/2007 23:31	11.17	51.386	33.62	6.04	7.83	7.9	3.32
49	6/15/2007 23:46	11.07	51.405	33.63	5.95	7.83	5.9	3.38
50	6/16/2007 00:01	11.02	51.487	33.69	5.91	7.85	5.4	3.43
51	6/16/2007 00:16	10.97	51.396	33.62	5.84	7.85	4.7	3.48
52	6/16/2007 00:31	10.93	51.431	33.64	5.77	7.85	3.9	3.52
53	6/16/2007 00:46	11.27	51.335	33.59	5.65	7.87	2.9	3.53
54	6/16/2007 01:01	11.11	51.391	33.62	5.63	7.85	4.1	3.52
55	6/16/2007 01:16	10.9	51.43	33.64	5.66	7.85	3.7	3.49
56	6/16/2007 01:31	10.92	51.42	33.63	5.69	7.86	3.9	3.43
57	6/16/2007 01:46	11.67	51.211	33.52	5.54	7.85	6.3	3.35
58	6/16/2007 02:01	12.02	51.331	33.63	5.37	7.83		3.26
59	6/16/2007 02:16	12.09	51.306	33.61	5.46	7.84	5.4	3.14
60	6/16/2007 02:31	12.53	51.273	33.61	5.88	7.91	10.7	3.02
61	6/16/2007 02:46	12.67	51.272	33.61	5.86	7.9	11.5	2.89
62	6/16/2007 03:01	12.95	51.253	33.61	5.83	7.9	9.3	2.76
63	6/16/2007 03:16	13.74	51.201	33.6	5.84	7.92	10.2	2.63
64	6/16/2007 03:31	14.52	51.153	33.59	5.9	7.94	12.4	2.49
65	6/16/2007 03:46	14.63	51.146	33.59	5.98	7.94	12.5	2.35
66	6/16/2007 04:01	14.38	51.189	33.62	6.14	7.94	11.9	2.20
67	6/16/2007 04:16	14.58	51.147	33.59	6.15	7.95	13.0	2.05
68	6/16/2007 04:31	15.01	51.134	33.59	6.23	7.97	15.0	1.87
69	6/16/2007 04:46	14.74	51.148	33.6	6.1	7.94	11.8	1.74
70	6/16/2007 05:01	14.94	51.137	33.59	6.13	7.95	13.0	1.56
71	6/16/2007 05:16	15.51	51.115	33.59	6.23	7.98	16.3	1.39
72	6/16/2007 05:31	15.44	51.095	33.57	6.21	7.96	17.3	1.23
73	6/16/2007 05:46	15.78	51.113	33.6	6.21	7.98	18.5	1.05
74	6/16/2007 06:01	15.95	51.096	33.59	6.32	7.98	17.3	0.86
75	6/16/2007 06:16	16.2	51.083	33.58	6.44	8	20.4	0.72
76	6/16/2007 06:31	16.33	51.086	33.59	6.42	8	19.1	0.56
77	6/16/2007 06:46	16.74	51.082	33.59	6.52	8.03	17.4	0.43
78	6/16/2007 07:01	17.03	51.074	33.59	6.53	8.05	13.8	0.33
79	6/16/2007 07:16	17.25	51.084	33.6	6.31	8.04	6.9	0.28
80	6/16/2007 07:31	17.1	51.104	33.61	6.68	8.06	13.2	0.30
81	6/16/2007 07:46	17.67	51.131	33.63	6.87	8.1	10.8	0.33
82	6/16/2007 08:01	17.63	51.123	33.63	6.95	8.1	10.0	0.42
83	6/16/2007 08:16	17.44	51.096	33.61	6.94	8.09	10.5	0.51
84	6/16/2007 08:31	17.6	51.102	33.61	7.01	8.11	11.6	0.58
85	6/16/2007 08:46	17.57	51.105	33.61	6.97	8.1	12.3	0.66
86	6/16/2007 09:01	17.48	51.08	33.6	6.92	8.09	13.3	0.73
87	6/16/2007 09:16	17.42	51.073	33.59	6.87	8.08	14.3	0.79
88	6/16/2007 09:31	17.53	51.003	33.54	6.9	8.08	12.7	0.87
89	6/16/2007 09:46	17.61	50.92	33.48	6.84	8.08	14.1	0.95
90	6/16/2007 10:01	17.4	50.962	33.51	6.82	8.07	14.3	1.06
91	6/16/2007 10:16	17.18	50.989	33.53	6.72	8.05	17.3	1.16
92	6/16/2007 10:31	16.92	50.987	33.52	6.68	8.03	17.9	1.27
93	6/16/2007 10:46	16.68	50.999	33.53	6.61	8.02	20.7	1.38
94	6/16/2007 11:01	16.5	51.004	33.53	6.59	8.01	19.3	1.50
95	6/16/2007 11:16	16.22	51.031	33.54	6.49	7.99	19.5	1.63

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
96	6/16/2007 11:31	16.06	51.068	33.57	6.39	7.98	19.5	1.75
97	6/16/2007 11:46	15.96	51.081	33.57	6.3	7.97	19.1	1.87
98	6/16/2007 12:01	15.92	51.095	33.58	6.23	7.97	17.9	1.98
99	6/16/2007 12:16	15.77	51.074	33.57	6.12	7.95	20.2	2.09
100	6/16/2007 12:31	15.58	51.09	33.57	5.91	7.93	21.7	2.19
101	6/16/2007 12:46	15.27	51.006	33.51	5.7	7.9	20.8	2.27
102	6/16/2007 13:01	14.92	51.035	33.52	5.31	7.85	25.7	2.36
103	6/16/2007 13:16	14.52	51.08	33.54	5.16	7.82	22.4	2.44
104	6/16/2007 13:31	13.95	51.141	33.57	5.42	7.83	18.9	2.50
105	6/16/2007 13:46	13.69	51.156	33.57	5.62	7.84	20.4	2.56
106	6/16/2007 14:01	13.51	51.152	33.56	5.83	7.85	14.5	2.62
107	6/16/2007 14:16	13.39	51.17	33.57	5.94	7.85	14.8	2.68
108	6/16/2007 14:31	13.45	51.139	33.55	6	7.86	10.7	2.71
109	6/16/2007 14:46	13.26	51.131	33.54	6.06	7.86	9.6	2.74
110	6/16/2007 15:01	13.41	51.001	33.45	5.74	7.84	6.0	2.76
111	6/16/2007 15:16	13.27	51.18	33.57	5.79	7.84	7.4	2.74
112	6/16/2007 15:31	13.3	51.149	33.55	6.01	7.85	9.7	2.72
113	6/16/2007 15:46	13.44	51.145	33.55	6.09	7.86	12.7	2.66
114	6/16/2007 16:01	13.93	51.143	33.57	6.06	7.88	19.2	2.60
115	6/16/2007 16:16	14.68	51.12	33.57	6.02	7.9	21.3	2.53
116	6/16/2007 16:31	15.43	51.083	33.57	6.38	7.95	20.2	2.45
117	6/16/2007 16:46	15.61	51.086	33.57	6.88	7.98	18.7	2.37
118	6/16/2007 17:01	15.76	51.045	33.54	7.33	8.01	16.6	2.29
119	6/16/2007 17:16	15.85	51.055	33.55	7.72	8.03	17.6	2.23
120	6/16/2007 17:31	15.85	51.108	33.59	7.59	8.02	23.8	2.14
121	6/16/2007 17:46	15.9	51.106	33.59	7.73	8.04	23.8	2.07
122	6/16/2007 18:01	16.04	50.895	33.44	7.96	8.05	40.0	2.02
123	6/16/2007 18:16	16.21	51.061	33.56	8.03	8.09	15.0	1.95
124	6/16/2007 18:31	16.26	51.088	33.59	7.9	8.06	15.5	1.91
125	6/16/2007 18:46	16.3	51.082	33.58	7.86	8.06	11.8	1.87
126	6/16/2007 19:01	16.44	51.072	33.58	7.65	8.05	10.3	1.84
127	6/16/2007 19:16	16.5	51.06	33.57	7.63	8.07	8.0	1.83
128	6/16/2007 19:31	16.79	51.034	33.55	7.74	8.08	13.2	1.82
129	6/16/2007 19:46	16.66	51.056	33.57	7.74	8.06	14.8	1.85
130	6/16/2007 20:01	16.77	51.087	33.59	7.44	8.05	16.2	1.86
131	6/16/2007 20:16	17.05	51.106	33.61	7.19	8.02	18.5	1.92
132	6/16/2007 20:31	17.06	51.094	33.6	7.04	8.01	19.1	1.96
133	6/16/2007 20:46	17.02	51.11	33.61	6.99	8	23.8	2.04
134	6/16/2007 21:01	17.06	51.085	33.59	7.05	8.02	19.9	2.11
135	6/16/2007 21:16	17.24	51.043	33.57	7.09	8.04	29.2	2.18
136	6/16/2007 21:31	16.73	51.088	33.59	7	8	22.1	2.27
137	6/16/2007 21:46	16.3	51.075	33.58	6.89	7.97	29.8	2.34
138	6/16/2007 22:01	15.58	51.135	33.61	6.63	7.94	21.8	2.43
139	6/16/2007 22:16	14.9	51.142	33.6	6.49	7.91	25.2	2.52
140	6/16/2007 22:31	14.04	51.182	33.6	6.44	7.89	20.4	2.60
141	6/16/2007 22:46	13.99	51.189	33.6	6.39	7.89	16.8	2.68
142	6/16/2007 23:01	13.41	51.22	33.61	6.41	7.87	21.5	2.77
143	6/16/2007 23:16	12.97	51.231	33.6	6.38	7.86	19.6	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
144	6/16/2007 23:31	12.63	51.26	33.6	6.4	7.86	23.0	2.94
145	6/16/2007 23:46	12.33	51.282	33.61	6.42	7.85	19.4	3.03
146	6/17/2007 00:01	11.98	51.283	33.59	6.44	7.84	14.7	3.11
147	6/17/2007 00:16	11.77	51.312	33.6	6.44	7.84	18.8	3.19
148	6/17/2007 00:31	11.63	51.324	33.6	6.42	7.84	11.0	3.25
149	6/17/2007 00:46	11.39	51.34	33.6	6.45	7.84	11.0	3.31
150	6/17/2007 01:01	11.34	51.335	33.59	6.46	7.85	6.4	3.37
151	6/17/2007 01:16	11.35	51.328	33.59	6.43	7.85	4.4	3.39
152	6/17/2007 01:31	11.28	51.329	33.59	6.34	7.84	3.8	3.41
153	6/17/2007 01:46	11.6	51.333	33.61	6.22	7.84	4.4	3.42
154	6/17/2007 02:01	11.45	51.341	33.6	6.23	7.84	4.4	3.39
155	6/17/2007 02:16	11.3	51.334	33.59	6.34	7.84	5.7	3.33
156	6/17/2007 02:31	11.69	51.321	33.6	6.23	7.85	7.2	3.28
157	6/17/2007 02:46	12.24	51.249	33.58	6.04	7.85	9.0	3.19
158	6/17/2007 03:01	12.87	51.251	33.61	5.88	7.84	10.2	3.08
159	6/17/2007 03:16	12.7	51.247	33.6	5.87	7.82	6.6	2.97
160	6/17/2007 03:31	13.14	51.226	33.6	6	7.85	14.0	2.85
161	6/17/2007 03:46	13.56	51.219	33.61	5.91	7.85	11.5	2.74
162	6/17/2007 04:01	14.02	51.159	33.58	5.81	7.86	13.2	2.61
163	6/17/2007 04:16	14.64	51.146	33.59	5.66	7.86	14.7	2.47
164	6/17/2007 04:31	15.13	51.153	33.61	5.47	7.85	13.5	2.34
165	6/17/2007 04:46	14.94	51.17	33.62	5.61	7.86	15.9	2.21
166	6/17/2007 05:01	14.9	51.176	33.62	5.67	7.86	17.4	2.05
167	6/17/2007 05:16	14.85	51.183	33.63	5.63	7.87	18.4	1.89
168	6/17/2007 05:31	14.97	51.174	33.62	5.73	7.87	22.2	1.74
169	6/17/2007 05:46	15.09	51.181	33.63	5.72	7.87	26.2	1.58
170	6/17/2007 06:01	15.13	51.187	33.64	5.76	7.87	26.1	1.42
171	6/17/2007 06:16	15.28	51.164	33.62	5.7	7.87	28.0	1.25
172	6/17/2007 06:31	15.53	51.166	33.63	5.81	7.89	29.2	1.06
173	6/17/2007 06:46	15.65	51.168	33.63	5.86	7.9	27.1	0.91
174	6/17/2007 07:01	15.99	51.17	33.64	5.94	7.93	25.5	0.75
175	6/17/2007 07:16	16.07	51.184	33.65	5.95	7.93	24.2	0.59
176	6/17/2007 07:31	16.26	51.217	33.68	5.94	7.94	19.3	0.48
177	6/17/2007 07:46	16.32	51.203	33.67	5.82	7.94	12.3	0.39
178	6/17/2007 08:01	16.05	51.214	33.67	5.94	7.93	14.9	0.34
179	6/17/2007 08:16	16.42	51.221	33.69	6.05	7.96	15.2	0.36
180	6/17/2007 08:31	16.58	51.26	33.72	6.11	7.97	14.1	0.41
181	6/17/2007 08:46	16.55	51.217	33.69	6.09	7.96	15.4	0.49
182	6/17/2007 09:01	16.63	51.257	33.72	6.11	7.97	15.2	0.58
183	6/17/2007 09:16	16.74	51.239	33.7	6.15	7.97	16.6	0.66
184	6/17/2007 09:31	16.81	51.241	33.71	6.17	7.97	14.1	0.72
185	6/17/2007 09:46	16.84	51.211	33.68	6.2	7.97	14.3	0.78
186	6/17/2007 10:01	16.82	51.025	33.55	6.23	7.99	16.2	0.85
187	6/17/2007 10:16	16.86	50.97	33.51	6.24	8	16.9	0.92
188	6/17/2007 10:31	16.79	51.037	33.56	6.19	7.98	16.8	1.00
189	6/17/2007 10:46	16.61	51.068	33.58	6.14	7.97	18.7	1.10
190	6/17/2007 11:01	16.49	51.086	33.59	6.09	7.96	18.4	1.20
191	6/17/2007 11:16	16.31	51.125	33.61	6.03	7.95	21.2	1.31

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
192	6/17/2007 11:31	16.17	51.131	33.62	5.98	7.94	23.8	1.42
193	6/17/2007 11:46	15.95	51.145	33.62	5.97	7.92	25.9	1.55
194	6/17/2007 12:01	15.79	51.139	33.61	6.01	7.92	25.3	1.65
195	6/17/2007 12:16	15.7	51.163	33.63	6.02	7.91	25.3	1.78
196	6/17/2007 12:31	15.62	51.161	33.63	5.99	7.91	23.2	1.89
197	6/17/2007 12:46	15.66	51.146	33.62	5.99	7.9	22.6	1.99
198	6/17/2007 13:01	15.66	51.128	33.6	5.95	7.9	19.9	2.09
199	6/17/2007 13:16	15.36	51.091	33.57	5.79	7.87	25.6	2.19
200	6/17/2007 13:31	15.14	51.106	33.58	5.66	7.85	28.5	2.26
201	6/17/2007 13:46	14.94	51.108	33.57	5.43	7.83	27.6	2.34
202	6/17/2007 14:01	14.46	51.115	33.56	5.23	7.79	23.8	2.43
203	6/17/2007 14:16	13.91	51.151	33.57	5.56	7.79	28.5	2.50
204	6/17/2007 14:31	13.68	51.181	33.59	5.67	7.79	24.0	2.55
205	6/17/2007 14:46	13.55	51.174	33.58	5.72	7.8	22.0	2.62
206	6/17/2007 15:01	13.45	51.179	33.58	5.79	7.81	17.2	2.67
207	6/17/2007 15:16	13.36	51.168	33.57	5.86	7.81	12.4	2.70
208	6/17/2007 15:31	13.23	51.197	33.58	5.85	7.81	11.8	2.73
209	6/17/2007 15:46	13.19	51.193	33.58	5.73	7.81	8.5	2.75
210	6/17/2007 16:01	13.2	51.188	33.58	5.74	7.81	8.9	2.73
211	6/17/2007 16:16	13.27	51.168	33.56	5.78	7.81	7.9	2.71
212	6/17/2007 16:31	13.44	51.153	33.56	5.83	7.82	11.0	2.66
213	6/17/2007 16:46	13.79	51.13	33.55	5.88	7.83	17.2	2.61
214	6/17/2007 17:01	14.39	51.14	33.58	6.1	7.86	24.7	2.51
215	6/17/2007 17:16	14.94	51.133	33.59	6.42	7.9	26.4	2.44
216	6/17/2007 17:31	15.1	51.1	33.57	6.44	7.89	26.5	2.37
217	6/17/2007 17:46	15.11	51.122	33.59	6.38	7.89	21.2	2.29
218	6/17/2007 18:01	15.17	51.14	33.6	6.78	7.91	19.1	2.20
219	6/17/2007 18:16	15.5	51.077	33.56	6.97	7.93	16.5	2.14
220	6/17/2007 18:31	15.57	51.142	33.61	7.11	7.95	16.2	2.07
221	6/17/2007 18:46	15.79	51.117	33.6	7.22	7.96	17.6	2.01
222	6/17/2007 19:01	15.85	51.13	33.61	7.43	7.98	14.9	1.95
223	6/17/2007 19:16	16.05	51.12	33.61	7.38	7.98	14.5	1.89
224	6/17/2007 19:31	16.24	51.136	33.62	7.33	7.99	14.6	1.84
225	6/17/2007 19:46	16.37	51.11	33.6	7.43	8	13.2	1.81
226	6/17/2007 20:01	16.54	51.148	33.63	7.4	8.01	10.3	1.79
227	6/17/2007 20:16	16.81	51.12	33.62	7.53	8.04	12.3	1.77
228	6/17/2007 20:31	17.01	51.139	33.63	7.46	8.05	11.6	1.80
229	6/17/2007 20:46	17.12	51.14	33.64	7.42	8.04	12.9	1.81
230	6/17/2007 21:01	17.06	51.16	33.65	7.47	8.04	13.9	1.85
231	6/17/2007 21:16	16.97	51.163	33.65	7.39	8.02	20.1	1.90
232	6/17/2007 21:31	16.87	51.15	33.64	7.29	8.01	16.3	1.96
233	6/17/2007 21:46	17.07	51.014	33.54	7.24	8.02	18.9	2.04
234	6/17/2007 22:01	17.14	51.072	33.59	7.21	8.03	15.7	2.10
235	6/17/2007 22:16	16.44	51.099	33.6	6.96	7.96	20.9	2.18
236	6/17/2007 22:31	16.03	51.11	33.6	6.78	7.94	28.0	2.26
237	6/17/2007 22:46	15.45	51.131	33.6	6.61	7.91	33.0	2.33
238	6/17/2007 23:01	14.63	51.17	33.61	6.39	7.87	19.0	2.41
239	6/17/2007 23:16	14.01	51.183	33.6	6.26	7.85	16.3	2.49

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
240	6/17/2007 23:31	13.85	51.21	33.61	6.22	7.85	14.5	2.56
241	6/17/2007 23:46	13.73	51.203	33.61	6.2	7.85	16.5	2.64
242	6/18/2007 00:01	13.07	51.211	33.59	6.2	7.84	22.1	2.73
243	6/18/2007 00:16	12.72	51.244	33.6	6.17	7.83	17.2	2.80
244	6/18/2007 00:31	12.29	51.273	33.6	6.17	7.82	11.9	2.88
245	6/18/2007 00:46	12	51.288	33.59	6.13	7.81	13.5	2.97
246	6/18/2007 01:01	11.75	51.3	33.59	6.07	7.8	12.0	3.03
247	6/18/2007 01:16	11.57	51.321	33.6	6.01	7.79	11.8	3.10
248	6/18/2007 01:31	11.42	51.328	33.59	6	7.78	8.3	3.16
249	6/18/2007 01:46	11.24	51.308	33.57	6.04	7.78	6.9	3.22
250	6/18/2007 02:01	11.2	51.465	33.68	6.01	7.8	6.0	3.25
251	6/18/2007 02:16	11.28	51.273	33.55	6.06	7.79	4.0	3.28
252	6/18/2007 02:31	11.57	51.277	33.56	5.81	7.79	5.4	3.29
253	6/18/2007 02:46	11.38	51.449	33.68	5.78	7.8	3.4	3.27
254	6/18/2007 03:01	11.15	51.338	33.59	6.01	7.8	5.3	3.22
255	6/18/2007 03:16	11.33	51.291	33.56	5.99	7.8	6.3	3.16
256	6/18/2007 03:31	12.27	51.376	33.67	5.83	7.82	6.7	3.09
257	6/18/2007 03:46	12.2	51.276	33.6	5.82	7.81	12.7	2.99
258	6/18/2007 04:01	12.92	51.253	33.61	5.73	7.81	9.6	2.88
259	6/18/2007 04:16	13.18	51.218	33.6	5.72	7.82	10.1	2.78
260	6/18/2007 04:31	13.17	51.248	33.62	5.71	7.82	10.5	2.66
261	6/18/2007 04:46	13.74	51.225	33.62	5.71	7.83	11.4	2.54
262	6/18/2007 05:01	14.21	51.2	33.62	5.63	7.83	11.3	2.44
263	6/18/2007 05:16	14.6	51.207	33.64	5.53	7.83	10.7	2.30
264	6/18/2007 05:31	15.1	51.187	33.63	5.63	7.85	14.2	2.17
265	6/18/2007 05:46	14.88	51.213	33.65	5.51	7.83	13.6	2.04
266	6/18/2007 06:01	14.88	51.19	33.63	5.76	7.86	24.0	1.89
267	6/18/2007 06:16	14.87	51.199	33.64	5.76	7.85	21.4	1.74
268	6/18/2007 06:31	14.89	51.215	33.65	5.8	7.85	21.6	1.60
269	6/18/2007 06:46	14.96	51.2	33.64	5.8	7.85	21.0	1.46
270	6/18/2007 07:01	15.18	51.191	33.64	5.83	7.86	20.7	1.30
271	6/18/2007 07:16	15.28	51.174	33.63	5.89	7.87	21.0	1.13
272	6/18/2007 07:31	15.52	51.198	33.65	5.97	7.89	24.6	0.98
273	6/18/2007 07:46	15.68	51.215	33.67	6.06	7.9	19.3	0.86
274	6/18/2007 08:01	15.92	51.217	33.67	6.12	7.92	15.3	0.72
275	6/18/2007 08:16	16.06	51.221	33.68	6.17	7.93	13.5	0.62
276	6/18/2007 08:31	16.27	51.243	33.7	6.14	7.94	12.8	0.54
277	6/18/2007 08:46	16.06	51.341	33.77	6.15	7.94	10.8	0.51
278	6/18/2007 09:01	16.38	51.286	33.73	6.25	7.95	11.2	0.47
279	6/18/2007 09:16	16.57	51.228	33.69	6.23	7.96	10.3	0.53
280	6/18/2007 09:31	16.82	51.268	33.73	6.28	7.96	10.2	0.59
281	6/18/2007 09:46	16.8	51.292	33.74	6.28	7.96	10.1	0.66
282	6/18/2007 10:01	16.96	51.278	33.74	6.24	7.97	11.2	0.75
283	6/18/2007 10:16	17	51.266	33.73	6.26	7.97	11.3	0.82
284	6/18/2007 10:31	17.14	51.229	33.7	6.26	7.97	12.8	0.85
285	6/18/2007 10:46	17.07	51.205	33.68	6.2	7.97	12.9	0.94
286	6/18/2007 11:01	16.87	51.158	33.65	6.16	7.97	13.5	1.01
287	6/18/2007 11:16	16.7	51.168	33.65	6.11	7.95	13.8	1.08

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	
288	6/18/2007 11:31	16.62	51.162	33.65	6.1	7.95	14.7	1.18	
289	6/18/2007 11:46	16.36	51.192	33.66	6.08	7.93	17.2	1.28	
290	6/18/2007 12:01	16.18	51.19	33.66	6.03	7.92	17.6	1.37	
291	6/18/2007 12:16	15.95	51.171	33.64	5.98	7.91	20.7	1.48	
292	6/18/2007 12:31	15.77	51.183	33.65	6.02	7.9	20.2	1.60	
293	6/18/2007 12:46	15.7	51.154	33.62	6.06	7.9	19.9	1.71	
294	6/18/2007 13:01	15.59	51.133	33.61	6.06	7.9	18.2	1.82	
295	6/18/2007 13:16	15.51	51.164	33.63	6.01	7.89	18.4	1.92	
296	6/18/2007 13:31	15.53	51.158	33.62	5.98	7.88	19.3	2.02	
297	6/18/2007 13:46	15.54	51.186	33.64	5.86	7.87	18.8	2.11	
298	6/18/2007 14:01	15.28	51.146	33.61	5.74	7.85	19.5	2.20	
299	6/18/2007 14:16	15.1	51.111	33.58	5.56	7.83	24.5	2.29	
300	6/18/2007 14:31	14.76	51.132	33.58	5.57	7.81	21.7	2.36	
301	6/18/2007 14:46	14.33	51.134	33.57	5.8	7.81	18.0	2.43	
302	6/18/2007 15:01	13.83	51.172	33.59	6.05	7.81	24.5	2.50	
303	6/18/2007 15:16	13.54	51.193	33.59	6.17	7.81	24.7	2.56	
304	6/18/2007 15:31	13.49	51.181	33.58	6.19	7.82	16.9	2.61	
305	6/18/2007 15:46	13.2	51.202	33.59	6.24	7.82	14.8	2.67	
306	6/18/2007 16:01	13.09	51.249	33.62	6.25	7.82	11.9	2.71	
307	6/18/2007 16:16	12.91	51.209	33.58	6.22	7.82	10.7	2.73	
308	6/18/2007 16:31	13.35	51.237	33.62	6.05	7.81	6.8	2.75	
309	6/18/2007 16:46	13.21	51.199	33.58	6.01	7.81	10.1	2.74	
310	6/18/2007 17:01	13.02	51.187	33.57	6.14	7.81	10.2	2.71	
311	6/18/2007 17:16	13.23	51.106	33.52	6.09	7.81	9.5	2.67	
312	6/18/2007 17:31	13.63	51.124	33.54	6.17	7.83	12.4	2.62	
313	6/18/2007 17:46	14.06	51.164	33.59	6.48	7.87	14.8	2.53	
314	6/18/2007 18:01	14.74	51.124	33.58	6.77	7.91	15.7	2.47	
315	6/18/2007 18:16	15.12	51.145	33.6	6.87	7.95	14.4	2.39	
316	6/18/2007 18:31	15.39	51.088	33.57	6.94	7.95	14.6	2.30	
317	6/18/2007 18:46	15.76	51.034	33.54	6.87	7.97	12.0	2.22	
318	6/18/2007 19:01	16.18	51.145	33.63	7.28	8.01	13.6	2.16	
319	6/18/2007 19:16	16.42	51.14	33.63	7.32	8.01	14.4	2.10	
320	6/18/2007 19:31	16.53	51.12	33.61	7.43	8.01	13.5	2.02	
321	6/18/2007 19:46	16.72	50.994	33.52	7.93	8.06	9.5	1.96	
322	6/18/2007 20:01	16.81	50.981	33.52	8.04	8.06	8.3	1.92	
323	6/18/2007 20:16	16.97	50.986	33.52	8.74	8.12	6.5	1.86	
324	6/18/2007 20:31	17.18	50.975	33.51	9.41	8.17	5.7	1.81	
325	6/18/2007 20:46	17.38	51.013	33.54	9.43	8.18	6.8	1.80	
326	6/18/2007 21:01	17.45	50.999	33.54	9.62	8.22	6.5	1.78	
327	6/18/2007 21:16	17.32	50.987	33.53	9.86	8.2	6.0	1.77	
328	6/18/2007 21:31	17.23	51.182	33.67	9.3	8.15	7.4	1.80	
329	6/18/2007 21:46	17.19	51.193	33.68	8.79	8.12	7.4	1.83	
330	6/18/2007 22:01	17.07	51.185	33.67	8.31	8.08	8.2	1.86	
331	6/18/2007 22:16	16.96	51.175	33.66	8.01	8.05	8.3	1.90	
332	6/18/2007 22:31	16.94	51.172	33.66	7.77	8.04	10.8	1.98	
333	6/18/2007 22:46	17.26	51.146	33.64	7.65	8.04	12.7	2.04	
334	6/18/2007 23:01	16.83	51.156	33.64	7.55	8.01	13.5	2.11	
335	6/18/2007 23:16	16.6	51.152	33.64	7.45	8	13.2	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
336	6/18/2007 23:31	16.19	51.159	33.64	7.3	7.98	14.8	2.24
337	6/18/2007 23:46	15.63	51.15	33.62	7.1	7.95	12.8	2.31
338	6/19/2007 00:01	14.85	51.169	33.61	6.72	7.89	12.5	2.37
339	6/19/2007 00:16	14.46	51.164	33.6	6.67	7.88	10.7	2.44
340	6/19/2007 00:31	14.23	51.184	33.61	6.66	7.88	10.5	2.51
341	6/19/2007 00:46	14.15	51.179	33.6	6.65	7.88	10.1	2.58
342	6/19/2007 01:01	13.78	51.203	33.61	6.68	7.87	11.8	2.65
343	6/19/2007 01:16	13.32	51.215	33.6	6.73	7.86	10.7	2.73
344	6/19/2007 01:31	12.97	51.236	33.6	6.79	7.86	10.7	2.79
345	6/19/2007 01:46	12.69	51.235	33.59	6.84	7.86	11.0	2.86
346	6/19/2007 02:01	12.42	50.955	33.37	6.89	7.86	9.4	2.93
347	6/19/2007 02:16	12.1	51.168	33.51	6.91	7.85	9.0	2.98
348	6/19/2007 02:31	11.84	51.309	33.6	6.9	7.85	7.4	3.03
349	6/19/2007 02:46	11.82	51.297	33.59	6.86	7.85		3.07
350	6/19/2007 03:01	11.63	51.345	33.62	6.84	7.84	4.9	3.09
351	6/19/2007 03:16	11.8	51.182	33.51	6.62	7.84	8.3	3.10
352	6/19/2007 03:31	11.86	51.279	33.58	6.58	7.83	3.6	3.09
353	6/19/2007 03:46	11.52	51.309	33.58	6.71	7.84	4.4	3.05
354	6/19/2007 04:01	11.71	51.277	33.57	6.72	7.84	5.8	3.01
355	6/19/2007 04:16	12.53	51.295	33.62	6.61	7.86	6.0	2.94
356	6/19/2007 04:31	12.7	51.258	33.61	6.6	7.86	7.4	2.85
357	6/19/2007 04:46	13.64	51.176	33.58	6.27	7.85	7.1	2.76
358	6/19/2007 05:01	13.62	51.257	33.64	6.26	7.86	7.7	2.67
359	6/19/2007 05:16	13.74	51.227	33.62	6.28	7.86	8.5	2.56
360	6/19/2007 05:31	14.18	51.226	33.64	6.07	7.85	9.0	2.46
361	6/19/2007 05:46	14.21	51.206	33.62	6.01	7.84	9.6	2.36
362	6/19/2007 06:01	14.49	51.239	33.66	5.94	7.84	6.9	2.25
363	6/19/2007 06:16	14.81	51.235	33.66	5.95	7.86	8.2	2.13
364	6/19/2007 06:31	15.07	51.201	33.64	5.97	7.87	9.6	2.01
365	6/19/2007 06:46	15.03	51.201	33.64	6.17	7.88	13.3	1.88
366	6/19/2007 07:01	14.84	51.207	33.64	6.22	7.88	12.7	1.76
367	6/19/2007 07:16	14.77	51.232	33.66	6.29	7.88	11.9	1.62
368	6/19/2007 07:31	15.19	51.227	33.67	6.48	7.91	15.1	1.48
369	6/19/2007 07:46	15.11	51.24	33.67	6.63	7.92	12.5	1.35
370	6/19/2007 08:01	15.39	51.238	33.68	6.78	7.94	12.2	1.22
371	6/19/2007 08:16	15.69	51.261	33.7	6.93	7.97	11.4	1.09
372	6/19/2007 08:31	15.79	51.233	33.68	6.96	7.97	9.3	0.98
373	6/19/2007 08:46	16.01	51.246	33.7	7.08	7.99	8.6	0.88
374	6/19/2007 09:01	16.21	51.246	33.7	7.03	8	7.3	0.80
375	6/19/2007 09:16	16.31	51.253	33.71	7.1	8.01	6.6	0.75
376	6/19/2007 09:31	16.65	51.271	33.73	6.99	8.03	5.5	0.71
377	6/19/2007 09:46	16.48	51.361	33.79	7.1	8.02	7.4	0.71
378	6/19/2007 10:01	16.86	51.314	33.76	7.17	8.04	7.8	0.75
379	6/19/2007 10:16	16.86	51.332	33.77	7.21	8.04	8.3	0.78
380	6/19/2007 10:31	16.86	51.29	33.74	7.07	8.02	15.2	0.84
381	6/19/2007 10:46	16.92	51.307	33.76	7.08	8.03	14.5	0.92
382	6/19/2007 11:01	16.85	51.303	33.75	7.04	8.01	15.3	0.99
383	6/19/2007 11:16	17.15	51.181	33.67	6.81	8.02	21.0	1.05

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
384	6/19/2007 11:31	17.19	51.164	33.65	6.72	8.02	17.4	1.13
385	6/19/2007 11:46	17.04	51.194	33.67	6.78	8.01	15.4	1.21
386	6/19/2007 12:01	16.93	51.212	33.69	6.8	8	12.1	1.28
387	6/19/2007 12:16	16.88	51.206	33.68	6.8	7.99	12.3	1.37
388	6/19/2007 12:31	16.79	51.218	33.69	6.75	7.98	13.0	1.45
389	6/19/2007 12:46	16.7	51.218	33.69	6.7	7.98	12.6	1.55
390	6/19/2007 13:01	16.46	51.212	33.68	6.6	7.97	13.7	1.64
391	6/19/2007 13:16	16.24	51.196	33.66	6.51	7.95	14.1	1.74
392	6/19/2007 13:31	16.02	51.221	33.68	6.53	7.93	14.9	1.84
393	6/19/2007 13:46	15.88	51.22	33.68	6.51	7.92	16.5	1.93
394	6/19/2007 14:01	15.8	51.212	33.67	6.53	7.92	19.7	2.03
395	6/19/2007 14:16	15.51	51.193	33.65	6.46	7.9	14.8	2.12
396	6/19/2007 14:31	15.39	51.168	33.63	6.44	7.9	16.6	2.20
397	6/19/2007 14:46	15.06	51.144	33.6	6.34	7.88	19.3	2.29
398	6/19/2007 15:01	14.75	51.166	33.61	6.31	7.86	17.3	2.37
399	6/19/2007 15:16	14.54	51.151	33.59	6.24	7.85	15.5	2.45
400	6/19/2007 15:31	14.21	51.173	33.6	6.19	7.84	15.0	2.52
401	6/19/2007 15:46	13.72	51.177	33.59	6.36	7.84	13.3	2.58
402	6/19/2007 16:01	13.3	51.183	33.58	6.54	7.84	13.0	2.65
403	6/19/2007 16:16	13.06	51.195	33.57	6.64	7.85	10.8	2.70
404	6/19/2007 16:31	13.13	51.184	33.57	6.59	7.85	12.2	2.75
405	6/19/2007 16:46	12.9	51.228	33.59	6.63	7.85	8.2	2.79
406	6/19/2007 17:01	13	51.214	33.59	6.58	7.85	13.0	2.82
407	6/19/2007 17:16	13.02	51.188	33.57	6.37	7.84	4.7	2.83
408	6/19/2007 17:31	13.08	51.19	33.57	6.38	7.84	7.6	2.82
409	6/19/2007 17:46	12.89	51.183	33.56	6.54	7.85	6.0	2.79
410	6/19/2007 18:01	12.99	51.186	33.56	6.54	7.85	7.8	2.74
411	6/19/2007 18:16	13.26	51.188	33.58	6.65	7.87	9.8	2.68
412	6/19/2007 18:31	13.59	51.136	33.55	6.82	7.88	10.8	2.61
413	6/19/2007 18:46	14.53	51.199	33.63	7.38	7.99	10.6	2.52
414	6/19/2007 19:01	14.88	51.156	33.61	7.41	7.98	11.0	2.45
415	6/19/2007 19:16	15.45	51.145	33.61	7.56	8.04	8.8	2.37
416	6/19/2007 19:31	15.47	51.165	33.63	7.66	8.01	9.0	2.30
417	6/19/2007 19:46	15.76	51.167	33.63	7.83	8.04	8.5	2.22
418	6/19/2007 20:01	15.92	51.194	33.66	7.98	8.05	7.4	2.16
419	6/19/2007 20:16	16.16	51.213	33.68	8.52	8.11	7.4	2.09
420	6/19/2007 20:31	16.17	51.18	33.65	8.09	8.07	6.9	2.05
421	6/19/2007 20:46	16.25	51.21	33.67	8.2	8.08	6.9	1.99
422	6/19/2007 21:01	16.38	51.216	33.68	8.48	8.11	6.6	1.93
423	6/19/2007 21:16	16.5	51.218	33.69	8.62	8.13	5.7	1.90
424	6/19/2007 21:31	16.56	51.226	33.69	8.61	8.13	4.6	1.86
425	6/19/2007 21:46	16.75	51.235	33.7	8.89	8.17	3.6	1.84
426	6/19/2007 22:01	16.83	51.25	33.71	8.47	8.15	2.1	1.83
427	6/19/2007 22:16	16.75	51.245	33.71	8.67	8.14	5.7	1.83
428	6/19/2007 22:31	16.72	51.231	33.7	8.39	8.11	5.8	1.85
429	6/19/2007 22:46	16.57	51.218	33.69	8.25	8.09	6.3	1.87
430	6/19/2007 23:01	16.51	51.207	33.68	7.98	8.06	6.6	1.91
431	6/19/2007 23:16	16.44	51.202	33.67	7.83	8.05	7.3	1.95

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
432	6/19/2007 23:31	16.33	51.2	33.67	7.72	8.03	9.0	2.01
433	6/19/2007 23:46	16.22	51.194	33.66	7.59	8.02	10.5	2.06
434	6/20/2007 00:01	16	51.185	33.65	7.35	7.99	8.6	2.12
435	6/20/2007 00:16	15.87	51.174	33.64	7.31	7.99	7.9	2.17
436	6/20/2007 00:31	15.7	51.17	33.64	7.23	7.98	7.7	2.23
437	6/20/2007 00:46	15.39	51.157	33.62	7.07	7.96	7.1	2.29
438	6/20/2007 01:01	15.04	51.131	33.59	6.89	7.93	7.2	2.35
439	6/20/2007 01:16	14.55	51.16	33.6	6.7	7.9	7.4	2.40
440	6/20/2007 01:31	14.36	51.16	33.59	6.61	7.89	7.4	2.46
441	6/20/2007 01:46	14.15	51.161	33.59	6.6	7.88	6.2	2.52
442	6/20/2007 02:01	13.97	51.163	33.58	6.59	7.88	6.3	2.58
443	6/20/2007 02:16	13.88	51.167	33.58	6.57	7.88	5.4	2.63
444	6/20/2007 02:31	13.55	51.16	33.57	6.6	7.87	6.8	2.69
445	6/20/2007 02:46	13.31	51.171	33.57	6.56	7.87	5.4	2.74
446	6/20/2007 03:01	13.08	51.182	33.57	6.56	7.86	4.5	2.80
447	6/20/2007 03:16	12.84	51.206	33.57	6.54	7.86	4.7	2.83
448	6/20/2007 03:31	12.76	51.165	33.54	6.42	7.86	3.6	2.86
449	6/20/2007 03:46	12.71	51.197	33.56	6.39	7.85	3.0	2.90
450	6/20/2007 04:01	12.65	51.209	33.57	6.18	7.84	2.4	2.92
451	6/20/2007 04:16	12.63	51.24	33.59	6.2	7.84	4.3	2.92
452	6/20/2007 04:31	12.58	51.238	33.59	6.33	7.84	3.8	2.89
453	6/20/2007 04:46	12.5	51.22	33.57	6.41	7.85	4.3	2.87
454	6/20/2007 05:01	12.7	51.205	33.57	6.41	7.85	4.6	2.83
455	6/20/2007 05:16	13.08	51.177	33.56	6.43	7.86	5.4	2.75
456	6/20/2007 05:31	13.69	51.156	33.57	6.36	7.87	7.1	2.67
457	6/20/2007 05:46	13.99	51.212	33.62	6.25	7.86	7.3	2.60
458	6/20/2007 06:01	14.31	51.184	33.61	6.13	7.86	7.5	2.51
459	6/20/2007 06:16	14.55	51.193	33.62	6.03	7.86	7.0	2.41
460	6/20/2007 06:31	14.95	51.229	33.66	5.84	7.85	7.3	2.31
461	6/20/2007 06:46	15.02	51.229	33.66	5.7	7.84	6.6	2.22
462	6/20/2007 07:01	15.17	51.24	33.68	5.71	7.85	6.3	2.12
463	6/20/2007 07:16	15.14	51.241	33.67	5.72	7.85	8.3	2.00
464	6/20/2007 07:31	15.32	51.24	33.68	5.85	7.87	9.1	1.91
465	6/20/2007 07:46	15.36	51.254	33.69	5.95	7.88	10.4	1.78
466	6/20/2007 08:01	15.46	51.246	33.69	6.05	7.89	11.0	1.68
467	6/20/2007 08:16	15.41	51.269	33.7	6.1	7.89	10.7	1.55
468	6/20/2007 08:31	15.46	51.234	33.68	6.22	7.9	10.5	1.43
469	6/20/2007 08:46	15.69	51.246	33.69	6.41	7.93	9.6	1.35
470	6/20/2007 09:01	15.74	51.249	33.69	6.52	7.94	8.3	1.23
471	6/20/2007 09:16	15.98	51.276	33.72	6.66	7.97	8.7	1.13
472	6/20/2007 09:31	16.13	51.271	33.72	6.74	7.98	7.7	1.06
473	6/20/2007 09:46	16.32	51.282	33.73	6.73	7.99	6.9	1.01
474	6/20/2007 10:01	16.37	51.263	33.72	6.66	7.99	5.4	0.98
475	6/20/2007 10:16	16.59	51.28	33.73	6.58	8	4.0	0.95
476	6/20/2007 10:31	16.32	51.32	33.76	6.84	7.99	6.6	0.98
477	6/20/2007 10:46	16.85	51.29	33.74	6.86	8.03	6.0	0.98
478	6/20/2007 11:01	16.87	51.34	33.78	6.89	8.04	6.1	1.02
479	6/20/2007 11:16	16.81	51.288	33.74	6.86	8.02	6.5	1.08

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
480	6/20/2007 11:31	16.84	51.294	33.75	6.84	8.03	7.0	1.11
481	6/20/2007 11:46	16.81	51.298	33.75	6.86	8.02	7.4	1.20
482	6/20/2007 12:01	16.91	51.227	33.7	6.74	8.01	9.0	1.26
483	6/20/2007 12:16	16.92	51.178	33.66	6.56	8	9.8	1.31
484	6/20/2007 12:31	16.73	51.198	33.67	6.5	7.99	10.2	1.38
485	6/20/2007 12:46	16.63	51.213	33.68	6.47	7.99	10.8	1.47
486	6/20/2007 13:01	16.47	51.233	33.7	6.48	7.97	10.7	1.55
487	6/20/2007 13:16	16.34	51.235	33.69	6.48	7.96	10.4	1.62
488	6/20/2007 13:31	16.25	51.225	33.69	6.43	7.96	9.9	1.71
489	6/20/2007 13:46	16.13	51.227	33.69	6.35	7.94	12.3	1.80
490	6/20/2007 14:01	15.92	51.223	33.68	6.33	7.93	13.8	1.89
491	6/20/2007 14:16	15.73	51.197	33.66	6.36	7.92	12.2	1.98
492	6/20/2007 14:31	15.61	51.221	33.67	6.34	7.91	13.3	2.07
493	6/20/2007 14:46	15.55	51.208	33.66	6.33	7.91	14.0	2.16
494	6/20/2007 15:01	15.52	51.192	33.65	6.29	7.9	13.2	2.24
495	6/20/2007 15:16	15.39	51.193	33.65	6.27	7.89	13.0	2.32
496	6/20/2007 15:31	15.26	51.142	33.61	6.26	7.88	13.5	2.39
497	6/20/2007 15:46	14.83	51.118	33.58	6.22	7.87	15.8	2.47
498	6/20/2007 16:01	14.58	51.113	33.57	6.28	7.86	13.7	2.53
499	6/20/2007 16:16	14.22	51.129	33.57	6.34	7.86	12.7	2.60
500	6/20/2007 16:31	13.86	51.141	33.56	6.39	7.85	14.2	2.66
501	6/20/2007 16:46	13.23	51.146	33.55	6.46	7.85	11.3	2.72
502	6/20/2007 17:01	13	51.165	33.55	6.51	7.85	10.2	2.77
503	6/20/2007 17:16	12.83	51.149	33.53	6.51	7.85	8.8	2.82
504	6/20/2007 17:31	12.73	51.158	33.53	6.5	7.85	8.7	2.86
505	6/20/2007 17:46	12.66	51.164	33.53	6.47	7.85	6.9	2.86
506	6/20/2007 18:01	12.78	51.169	33.54	6.33	7.84	6.1	2.87
507	6/20/2007 18:16	12.71	51.165	33.54	6.32	7.84	5.0	2.87
508	6/20/2007 18:31	12.74	51.148	33.53	6.39	7.84	5.6	2.82
509	6/20/2007 18:46	12.98	51.136	33.53	6.36	7.85	7.2	2.78
510	6/20/2007 19:01	13.69	51.095	33.53	6.67	7.9	10.4	2.71
511	6/20/2007 19:16	14.21	51.141	33.58	6.95	7.93	8.8	2.64
512	6/20/2007 19:31	14.68	51.16	33.6	7.09	7.96	10.2	2.57
513	6/20/2007 19:46	15.03	51.138	33.6	7.26	7.99	11.5	2.48
514	6/20/2007 20:01	15.23	51.121	33.59	7.22	7.99	9.2	2.42
515	6/20/2007 20:16	15.46	51.169	33.63	7.48	8.01	8.3	2.34
516	6/20/2007 20:31	15.76	51.175	33.64	7.6	8.03	9.3	2.28
517	6/20/2007 20:46	15.97	51.164	33.64	7.72	8.04	8.3	2.20
518	6/20/2007 21:01	16.08	51.202	33.67	7.77	8.05	7.8	2.13
519	6/20/2007 21:16	16.24	51.174	33.65	7.91	8.07	7.3	2.09
520	6/20/2007 21:31	16.19	51.209	33.67	7.81	8.05	20.1	2.03
521	6/20/2007 21:46	16.25	51.177	33.65	7.97	8.07	6.4	1.96
522	6/20/2007 22:01	16.31	51.231	33.69	8.06	8.09	5.8	1.93
523	6/20/2007 22:16	16.34	51.231	33.69	7.89	8.08	4.4	1.89
524	6/20/2007 22:31	16.33	51.223	33.69	7.88	8.09	4.6	1.85
525	6/20/2007 22:46	16.4	51.248	33.71	7.85	8.09	2.8	1.81
526	6/20/2007 23:01	16.47	51.255	33.71	7.81	8.1	2.8	1.81
527	6/20/2007 23:16	16.4	51.237	33.7	8.2	8.11	5.3	1.82

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
528	6/20/2007 23:31	16.4	51.21	33.68	8.11	8.1	6.0	1.80
529	6/20/2007 23:46	16.49	50.994	33.52	8.09	8.1	7.2	1.83
530	6/21/2007 00:01	16.47	51.251	33.71	7.92	8.08	6.8	1.86
531	6/21/2007 00:16	16.46	51.255	33.71	7.8	8.07	6.9	1.90
532	6/21/2007 00:31	16.41	51.241	33.7	7.76	8.06		1.94
533	6/21/2007 00:46	16.38	51.224	33.69	7.61	8.05	10.5	1.99
534	6/21/2007 01:01	16.29	51.23	33.69	7.48	8.03	11.8	2.06
535	6/21/2007 01:16	16.29	51.2	33.67	7.38	8.02	9.8	2.11
536	6/21/2007 01:31	16.19	51.175	33.65	7.27	8.01	31.8	2.15
537	6/21/2007 01:46	16.04	51.198	33.66	7.24	8	18.4	2.21
538	6/21/2007 02:01	15.77	51.183	33.65	7.15	7.98	11.5	2.27
539	6/21/2007 02:16	15.56	51.174	33.64	7.02	7.96	9.9	2.31
540	6/21/2007 02:31	15.25	51.155	33.61	6.86	7.94	9.8	2.36
541	6/21/2007 02:46	14.75	51.171	33.61	6.73	7.91	10.1	2.42
542	6/21/2007 03:01	14.38	51.165	33.6	6.64	7.9	8.8	2.47
543	6/21/2007 03:16	14.25	51.174	33.6	6.64	7.9	18.0	2.50
544	6/21/2007 03:31	14.22	51.163	33.59	6.63	7.9	17.8	2.55
545	6/21/2007 03:46	14.04	51.166	33.59	6.64	7.89	10.7	2.61
546	6/21/2007 04:01	13.86	51.166	33.58	6.67	7.89	6.9	2.64
547	6/21/2007 04:16	13.79	51.154	33.57	6.62	7.89	6.2	2.67
548	6/21/2007 04:31	13.77	51.14	33.56	6.61	7.89	5.5	2.70
549	6/21/2007 04:46	13.52	51.152	33.56	6.66	7.89	4.6	2.72
550	6/21/2007 05:01	13.7	51.172	33.58	6.37	7.88	3.3	2.71
551	6/21/2007 05:16	13.54	51.168	33.57	6.44	7.88	4.2	2.70
552	6/21/2007 05:31	13.59	51.153	33.56	6.43	7.88	5.2	2.69
553	6/21/2007 05:46	13.67	51.151	33.57	6.46	7.88	6.6	2.65
554	6/21/2007 06:01	14.06	51.161	33.59	6.43	7.89	9.0	2.59
555	6/21/2007 06:16	14.39	51.202	33.63	6.3	7.89	14.2	2.53
556	6/21/2007 06:31	14.55	51.144	33.59	6.25	7.88	22.4	2.46
557	6/21/2007 06:46	14.76	51.207	33.64	6.09	7.87	11.2	2.39
558	6/21/2007 07:01	15.15	51.233	33.67	6.01	7.88	12.1	2.30
559	6/21/2007 07:16	15.29	51.226	33.67	6.03	7.89	11.6	2.21
560	6/21/2007 07:31	15.34	51.253	33.69	5.88	7.87	27.4	2.14
561	6/21/2007 07:46	15.35	51.245	33.68	5.76	7.87	89.5	2.07
562	6/21/2007 08:01	15.48	51.254	33.69	5.89	7.89	40.2	1.96
563	6/21/2007 08:16	15.49	51.25	33.69	6.04	7.89	14.8	1.87
564	6/21/2007 08:31	15.55	51.282	33.71	6.19	7.9	21.5	1.79
565	6/21/2007 08:46	15.63	51.278	33.71	6.3	7.92	34.6	1.69
566	6/21/2007 09:01	15.75	51.267	33.71	6.52	7.94	55.8	1.60
567	6/21/2007 09:16	15.79	51.264	33.71	6.76	7.96	11.9	1.51
568	6/21/2007 09:31	15.92	51.262	33.71	6.98	7.98	37.9	1.45
569	6/21/2007 09:46	15.99	51.265	33.71	7.07	7.99		1.37
570	6/21/2007 10:01	16.13	51.261	33.71	7.12	8	30.0	1.28
571	6/21/2007 10:16	16.15	51.279	33.72	7.19	8.01	42.2	1.25
572	6/21/2007 10:31	16.22	51.254	33.71	6.94	8	4.6	1.22
573	6/21/2007 10:46	16.24	51.256	33.71	6.65	7.99	3.9	1.18
574	6/21/2007 11:01	16.26	51.286	33.73	6.66	7.98	2.4	1.16
575	6/21/2007 11:16	16.3	51.387	33.81	7.32	8.03	6.8	1.17

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
			SpCond	Salinity	DO Conc		Turbidity+	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	Depth meters
576	6/21/2007 11:31	16.48	51.28	33.73	7.18	8.02	6.5	1.21
577	6/21/2007 11:46	16.81	51.265	33.72	6.97	8.02	5.8	1.20
578	6/21/2007 12:01	16.85	51.268	33.73	7.01	8.01	6.4	1.24
579	6/21/2007 12:16	16.77	51.277	33.73	6.96	8.01	7.4	1.30
580	6/21/2007 12:31	16.57	51.27	33.72	6.89	8	8.1	1.35
581	6/21/2007 12:46	16.61	51.297	33.74	6.88	8	9.1	1.41
582	6/21/2007 13:01	16.93	51.309	33.76	6.87	8.01	12.4	1.47
583	6/21/2007 13:16	16.73	51.274	33.73	6.73	8	8.6	1.53
584	6/21/2007 13:31	16.6	51.246	33.71	6.64	7.99	9.8	1.62
585	6/21/2007 13:46	16.48	51.247	33.71	6.63	7.98	13.0	1.68
586	6/21/2007 14:01	16.36	51.25	33.71	6.57	7.97	34.3	1.75
587	6/21/2007 14:16	16.15	51.247	33.7	6.43	7.95	34.4	1.84
588	6/21/2007 14:31	15.91	51.209	33.67	6.37	7.93	50.6	1.93
589	6/21/2007 14:46	15.86	51.212	33.67	6.41	7.93		2.01
590	6/21/2007 15:01	15.65	51.214	33.67	6.43	7.91		2.09
591	6/21/2007 15:16	15.47	51.224	33.67	6.37	7.9		2.17
592	6/21/2007 15:31	15.45	51.229	33.67	6.39	7.9	12.4	2.26
593	6/21/2007 15:46	15.36	51.193	33.64	6.38	7.9	12.5	2.33
594	6/21/2007 16:01	15.26	51.185	33.64	6.38	7.9	11.1	2.39
595	6/21/2007 16:16	15.3	51.166	33.62	6.33	7.89	12.2	2.47
596	6/21/2007 16:31	14.78	51.148	33.6	6.19	7.86	13.2	2.55
597	6/21/2007 16:46	14.43	51.057	33.52	6.39	7.87	13.2	2.60
598	6/21/2007 17:01	14.39	51.085	33.54	6.54	7.88	11.9	2.67
599	6/21/2007 17:16	14.1	51.079	33.53	6.78	7.89	12.7	2.73
600	6/21/2007 17:31	13.75	51.095	33.53	6.94	7.9	10.0	2.78
601	6/21/2007 17:46	13.4	51.114	33.53	7.12	7.91	7.7	2.83
602	6/21/2007 18:01	13.18	51.106	33.51	7.19	7.91	6.0	2.87
603	6/21/2007 18:16	13.13	51.109	33.51	7.19	7.91	4.7	2.89
604	6/21/2007 18:31	13.26	51.014	33.45	6.97	7.9	3.4	2.91
605	6/21/2007 18:46	13.15	51.101	33.51	7	7.9	3.8	2.91
606	6/21/2007 19:01	13.17	51.097	33.51	7.09	7.91	5.0	2.87
607	6/21/2007 19:16	13.39	51.1	33.52	7.04	7.91	5.9	2.84
608	6/21/2007 19:31	13.85	51.07	33.51	6.93	7.9	6.1	2.80
609	6/21/2007 19:46	14.85	51.084	33.55	7.45	8	7.4	2.73
610	6/21/2007 20:01	15.46	51.133	33.6	7.85	8.05	8.5	2.65
611	6/21/2007 20:16	15.44	51.095	33.57	7.42	8.01	10.4	2.58
612	6/21/2007 20:31	15.7	51.115	33.6	7.46	8.01	9.6	2.51
613	6/21/2007 20:46	15.84	51.144	33.62	7.45	8.01	9.0	2.44
614	6/21/2007 21:01	16.24	51.144	33.63	7.74	8.06	7.7	2.36
615	6/21/2007 21:16	16.34	51.185	33.66	7.79	8.04	8.5	2.29
616	6/21/2007 21:31	16.48	51.21	33.68	7.99	8.06	7.7	2.23
617	6/21/2007 21:46	16.7	51.225	33.69	8.09	8.09	7.1	2.15
618	6/21/2007 22:01	16.75	51.213	33.68	8.21	8.09	6.3	2.09
619	6/21/2007 22:16	16.82	51.244	33.71	8.24	8.1	5.9	2.03
620	6/21/2007 22:31	17.01	51.247	33.71	8.45	8.12	4.8	1.96
621	6/21/2007 22:46	17.19	51.281	33.74	8.7	8.16	6.3	1.90
622	6/21/2007 23:01	17.36	51.297	33.75	8.75	8.18	5.9	1.86
623	6/21/2007 23:16	17.36	51.31	33.76	8.67	8.17	5.7	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
624	6/21/2007 23:31	17.46	51.336	33.78	8.68	8.19	4.9	1.76
625	6/21/2007 23:46	17.57	51.33	33.78	8.65	8.19	3.6	1.75
626	6/22/2007 00:01	17.64	51.325	33.78	8.56	8.19	3.0	1.72
627	6/22/2007 00:16	17.57	51.345	33.79	8.56	8.19	4.7	1.71
628	6/22/2007 00:31	17.54	51.318	33.77	8.75	8.19	5.0	1.71
629	6/22/2007 00:46	17.36	51.319	33.77	8.75	8.17	5.5	1.72
630	6/22/2007 01:01	17.4	51.293	33.75	8.62	8.16	5.5	1.76
631	6/22/2007 01:16	17.34	51.301	33.76	8.56	8.14	5.8	1.78
632	6/22/2007 01:31	17.3	51.283	33.74	8.48	8.13	6.0	1.81
633	6/22/2007 01:46	17.22	51.284	33.74	8.4	8.12	6.1	1.87
634	6/22/2007 02:01	17.14	51.257	33.72	8.24	8.11	7.2	1.92
635	6/22/2007 02:16	17.25	51.221	33.7	7.95	8.09	7.4	1.96
636	6/22/2007 02:31	17.24	51.222	33.7	7.87	8.09	8.9	2.02
637	6/22/2007 02:46	17.2	51.203	33.68	7.81	8.08	9.6	2.07
638	6/22/2007 03:01	17.04	51.206	33.68	7.79	8.07	9.7	2.12
639	6/22/2007 03:16	16.73	51.184	33.66	7.64	8.04	9.1	2.16
640	6/22/2007 03:31	16.55	51.22	33.69	7.59	8.03	10.6	2.19
641	6/22/2007 03:46	16.29	51.183	33.66	7.42	8.01	8.4	2.24
642	6/22/2007 04:01	15.84	51.167	33.64	7.22	7.97	14.4	2.29
643	6/22/2007 04:16	15.68	51.157	33.63	7.11	7.97	6.3	2.32
644	6/22/2007 04:31	15.49	51.142	33.61	7.03	7.95	5.7	2.35
645	6/22/2007 04:46	15.27	51.132	33.6	7	7.95	5.1	2.39
646	6/22/2007 05:01	15.11	51.131	33.59	6.98	7.94	5.3	2.43
647	6/22/2007 05:16	15.05	51.107	33.57	6.94	7.94	6.4	2.45
648	6/22/2007 05:31	14.91	51.134	33.59	6.93	7.94	4.8	2.47
649	6/22/2007 05:46	14.87	51.16	33.61	6.91	7.94	4.7	2.50
650	6/22/2007 06:01	14.81	51.137	33.59	6.52	7.91	1.0	2.49
651	6/22/2007 06:16	14.82	51.125	33.58	6.61	7.92	2.9	2.51
652	6/22/2007 06:31	14.78	51.108	33.57	6.61	7.92	2.9	2.49
653	6/22/2007 06:46	14.73	51.125	33.58	6.72	7.92	4.3	2.46
654	6/22/2007 07:01	14.8	51.126	33.58	6.79	7.93	4.1	2.42
655	6/22/2007 07:16	15.09	51.095	33.57	6.76	7.93	4.7	2.38
656	6/22/2007 07:31	15.44	51.153	33.62	6.75	7.95	5.0	2.33
657	6/22/2007 07:46	15.71	51.195	33.65	6.57	7.95	6.3	2.25
658	6/22/2007 08:01	16.02	51.204	33.67	6.71	7.97	6.0	2.18
659	6/22/2007 08:16	16.1	51.224	33.68	6.78	7.98	6.8	2.12
660	6/22/2007 08:31	16.16	51.248	33.7	6.85	7.99	5.5	2.05
661	6/22/2007 08:46	16.22	51.259	33.71	6.89	8	5.5	1.98
662	6/22/2007 09:01	16.23	51.264	33.71	7.01	8.01	7.1	1.89
663	6/22/2007 09:16	16.24	51.283	33.73	7.18	8.02	6.1	1.83
664	6/22/2007 09:31	16.37	51.288	33.73	7.32	8.02	5.5	1.77
665	6/22/2007 09:46	16.43	51.298	33.74	7.56	8.04	5.3	1.69
666	6/22/2007 10:01	16.54	51.3	33.75	7.93	8.07	7.2	1.63
667	6/22/2007 10:16	16.66	51.305	33.75	8.11	8.09	6.8	1.57
668	6/22/2007 10:31	16.73	51.301	33.75	8.27	8.1	5.1	1.52
669	6/22/2007 10:46	16.84	51.282	33.74	8.51	8.11	4.7	1.48
670	6/22/2007 11:01	16.88	51.299	33.75	8.55	8.12	4.4	1.44
671	6/22/2007 11:16	16.93	51.306	33.76	8.49	8.12	3.2	1.41

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
672	6/22/2007 11:31	17.02	51.307	33.76	8.19	8.12	1.9	1.39
673	6/22/2007 11:46	17.07	51.3	33.75	7.64	8.08	4.0	1.39
674	6/22/2007 12:01	17.1	51.295	33.75	8.88	8.14	5.6	1.40
675	6/22/2007 12:16	16.93	51.29	33.74	7.77	8.07	5.9	1.41
676	6/22/2007 12:31	16.93	51.289	33.74	7.6	8.06	6.3	1.42
677	6/22/2007 12:46	16.98	51.304	33.75	7.59	8.06	6.5	1.48
678	6/22/2007 13:01	17	51.285	33.74	7.47	8.06	6.8	1.50
679	6/22/2007 13:16	16.98	51.286	33.74	7.43	8.06	6.3	1.53
680	6/22/2007 13:31	16.96	51.296	33.75	7.42	8.05	7.5	1.60
681	6/22/2007 13:46	16.93	51.266	33.73	7.36	8.04	9.5	1.65
682	6/22/2007 14:01	17.07	51.255	33.72	7.38	8.04	7.2	1.70
683	6/22/2007 14:16	17.05	51.256	33.72	7.34	8.03	7.7	1.76
684	6/22/2007 14:31	17	51.26	33.72	7.26	8.02	7.4	1.83
685	6/22/2007 14:46	16.8	51.252	33.71	7.1	8.01	8.5	1.91
686	6/22/2007 15:01	16.55	51.216	33.68	6.95	8	10.1	1.97
687	6/22/2007 15:16	16.4	51.193	33.66	6.87	7.98	9.2	2.05
688	6/22/2007 15:31	16.27	51.185	33.66	6.8	7.97	10.9	2.12
689	6/22/2007 15:46	16.08	51.165	33.64	6.74	7.95	9.3	2.19
690	6/22/2007 16:01	15.92	51.168	33.64	6.69	7.93	8.9	2.26
691	6/22/2007 16:16	15.82	51.15	33.62	6.65	7.93	8.5	2.32
692	6/22/2007 16:31	15.6	51.159	33.63	6.58	7.91	8.0	2.40
693	6/22/2007 16:46	15.37	51.136	33.6	6.51	7.91	9.1	2.46
694	6/22/2007 17:01	15.32	51.137	33.6	6.42	7.9	7.7	2.53
695	6/22/2007 17:16	15.23	51.133	33.6	6.29	7.88	9.7	2.59
696	6/22/2007 17:31	14.62	51.078	33.54	6.34	7.87	8.9	2.66
697	6/22/2007 17:46	14.4	51.059	33.52	6.48	7.88	9.4	2.72
698	6/22/2007 18:01	14.32	51.048	33.51	6.52	7.88	8.2	2.76
699	6/22/2007 18:16	14.21	51.033	33.5	6.65	7.89	7.5	2.82
700	6/22/2007 18:31	14.01	51.053	33.5	6.73	7.89	6.3	2.87
701	6/22/2007 18:46	13.88	51.066	33.51	6.77	7.9	5.4	2.90
702	6/22/2007 19:01	13.7	51.064	33.5	6.75	7.9	4.8	2.92
703	6/22/2007 19:16	13.8	51.053	33.5	6.62	7.89	4.0	2.92
704	6/22/2007 19:31	13.78	51.058	33.5	6.6	7.89	3.5	2.92
705	6/22/2007 19:46	13.93	51.046	33.5	6.6	7.89	3.9	2.89
706	6/22/2007 20:01	14.15	51.012	33.48	6.55	7.89	6.1	2.84
707	6/22/2007 20:16	14.37	51.023	33.49	6.55	7.89	6.1	2.79
708	6/22/2007 20:31	14.93	51.031	33.52	6.64	7.92	8.3	2.72
709	6/22/2007 20:46	15.46	51.108	33.58	6.79	7.96	10.2	2.66
710	6/22/2007 21:01	15.7	51.143	33.62	6.79	7.97	10.0	2.59
711	6/22/2007 21:16	15.85	51.171	33.64	6.8	7.97	10.4	2.51
712	6/22/2007 21:31	16.11	51.175	33.65	7.1	8.01	10.0	2.44
713	6/22/2007 21:46	16.41	51.189	33.66	7.37	8.06	11.0	2.36
714	6/22/2007 22:01	16.45	51.193	33.67	7.38	8.05	10.0	2.30
715	6/22/2007 22:16	16.42	51.224	33.69	7.38	8.04	8.8	2.22
716	6/22/2007 22:31	16.49	51.205	33.67	7.33	8.04	8.1	2.14
717	6/22/2007 22:46	16.41	51.221	33.69	7.22	8.02	7.4	2.09
718	6/22/2007 23:01	16.64	51.227	33.69	7.22	8.05	8.4	2.00
719	6/22/2007 23:16	16.61	51.256	33.71	7.24	8.04	10.1	1.94

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	6/22/2007 23:31	16.75	51.248	33.71	7.25	8.06	8.3	1.87
721	6/22/2007 23:46	16.78	51.291	33.74	7.28	8.07	8.5	1.80
722	6/23/2007 00:01	16.82	51.281	33.74	7.22	8.06	9.0	1.74
723	6/23/2007 00:16	16.91	51.312	33.76	7.23	8.07	7.4	1.68
724	6/23/2007 00:31	17.12	51.295	33.75	7.26	8.11	8.0	1.64
725	6/23/2007 00:46	17.28	51.303	33.76	7.38	8.12	6.4	1.61
726	6/23/2007 01:01	17.62	51.343	33.79	7.51	8.18	5.7	1.58
727	6/23/2007 01:16	17.62	51.343	33.79	7.35	8.17	6.6	1.56
728	6/23/2007 01:31	17.6	51.342	33.79	7.08	8.16	5.9	1.57
729	6/23/2007 01:46	17.6	51.291	33.75	7.81	8.19	8.7	1.59
730	6/23/2007 02:01	17.59	51.338	33.79	7.81	8.19	10.5	1.59
731	6/23/2007 02:16	17.51	51.318	33.77	7.79	8.18	10.3	1.62
732	6/23/2007 02:31	17.52	51.33	33.78	7.82	8.18	9.6	1.66
733	6/23/2007 02:46	17.5	51.338	33.79	7.8	8.18	12.3	1.71
734	6/23/2007 03:01	17.47	51.314	33.77	7.77	8.17	10.8	1.75
735	6/23/2007 03:16	17.61	51.331	33.78	7.56	8.18	10.0	1.79
736	6/23/2007 03:31	17.73	51.333	33.78	7.4	8.18	10.3	1.84
737	6/23/2007 03:46	17.69	51.325	33.78	7.36	8.17	13.3	1.89
738	6/23/2007 04:01	17.48	51.303	33.76	7.46	8.15	11.6	1.93
739	6/23/2007 04:16	17.37	51.286	33.75	7.46	8.13	10.6	1.97
740	6/23/2007 04:31	17.3	51.28	33.74	7.43	8.13	11.9	2.02
741	6/23/2007 04:46	17.2	51.261	33.73	7.38	8.11	14.6	2.06
742	6/23/2007 05:01	16.9	51.232	33.7	7.22	8.07	15.7	2.10
743	6/23/2007 05:16	16.77	51.213	33.69	7.17	8.06	11.5	2.14
744	6/23/2007 05:31	16.41	51.202	33.67	7.03	8.02	11.8	2.17
745	6/23/2007 05:46	16.24	51.16	33.64	6.96	8.01	10.1	2.22
746	6/23/2007 06:01	16.08	51.184	33.65	6.91	8	10.0	2.24
747	6/23/2007 06:16	15.95	51.134	33.61	6.88	7.99	10.4	2.26
748	6/23/2007 06:31	15.82	51.14	33.62	6.82	7.98	8.8	2.29
749	6/23/2007 06:46	15.78	51.133	33.61	6.76	7.98	9.6	2.30
750	6/23/2007 07:01	15.77	51.187	33.65	6.7	7.99	7.3	2.31
751	6/23/2007 07:16	15.8	51.157	33.63	6.31	7.95	3.9	2.32
752	6/23/2007 07:31	15.72	51.145	33.62	6.53	7.96	5.1	2.32
753	6/23/2007 07:46	15.73	51.131	33.61	6.55	7.96	4.9	2.30
754	6/23/2007 08:01	15.66	51.127	33.6	6.49	7.95	4.4	2.27
755	6/23/2007 08:16	15.84	51.12	33.6	6.63	7.97	8.0	2.25
756	6/23/2007 08:31	16.11	51.129	33.61	6.66	7.99	6.1	2.21
757	6/23/2007 08:46	16.67	51.225	33.69	6.97	8.07	9.1	2.16
758	6/23/2007 09:01	16.81	51.267	33.73	7.14	8.09	9.3	2.12
759	6/23/2007 09:16	16.9	51.271	33.73	7.19	8.1	8.8	2.07
760	6/23/2007 09:31	16.98	51.297	33.75	7.39	8.12	10.5	2.00
761	6/23/2007 09:46	17.05	51.295	33.75	7.63	8.13	12.4	1.95
762	6/23/2007 10:01	17.04	51.293	33.75	7.7	8.14	8.3	1.90
763	6/23/2007 10:16	17.02	51.29	33.74	7.67	8.13	7.9	1.85
764	6/23/2007 10:31	16.97	51.299	33.75	7.65	8.13	6.8	1.78
765	6/23/2007 10:46	16.97	51.297	33.75	8.03	8.14	7.4	1.74
766	6/23/2007 11:01	16.98	51.298	33.75	7.86	8.14	4.4	1.71
767	6/23/2007 11:16	16.98	51.296	33.75	7.63	8.13	4.5	1.67

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
768	6/23/2007 11:31	16.98	51.305	33.76	7.52	8.11	4.7	1.62
769	6/23/2007 11:46	16.98	51.305	33.76	7.12	8.09	2.7	1.60
770	6/23/2007 12:01	17	51.307	33.76	6.88	8.08	3.3	1.58
771	6/23/2007 12:16	17.04	51.289	33.74	7.15	8.1	8.3	1.58
772	6/23/2007 12:31	17.05	51.304	33.76	7.68	8.13	9.5	1.56
773	6/23/2007 12:46	17.06	51.311	33.76	7.59	8.12	8.7	1.56
774	6/23/2007 13:01	17.22	51.313	33.76	7.43	8.13	5.9	1.58
775	6/23/2007 13:16	17.27	51.346	33.79	7.55	8.14	7.2	1.60
776	6/23/2007 13:31	17.25	51.339	33.78	7.49	8.14	7.7	1.61
777	6/23/2007 13:46	17.39	51.31	33.76	7.57	8.14	7.4	1.63
778	6/23/2007 14:01	17.33	51.307	33.76	7.52	8.14	8.6	1.69
779	6/23/2007 14:16	17.34	51.316	33.77	7.5	8.14	9.3	1.74
780	6/23/2007 14:31	17.48	51.294	33.75	7.45	8.13	9.9	1.76
781	6/23/2007 14:46	17.45	51.29	33.75	7.37	8.13	9.1	1.82
782	6/23/2007 15:01	17.52	51.266	33.73	7.35	8.12	9.6	1.90
783	6/23/2007 15:16	17.41	51.247	33.72	7.19	8.11	9.9	1.96
784	6/23/2007 15:31	17.15	51.243	33.71	6.95	8.09	9.7	2.00
785	6/23/2007 15:46	16.67	51.175	33.66	6.72	8.05	10.1	2.06
786	6/23/2007 16:01	16.43	51.18	33.66	6.58	8.02	9.8	2.14
787	6/23/2007 16:16	16.32	51.171	33.65	6.42	8.01	11.4	2.21
788	6/23/2007 16:31	16.13	51.149	33.63	6.28	7.98	11.1	2.26
789	6/23/2007 16:46	15.82	51.146	33.62	6.18	7.95	9.6	2.32
790	6/23/2007 17:01	15.6	51.115	33.59	6.1	7.94	9.7	2.39
791	6/23/2007 17:16	15.6	51.112	33.59	6.17	7.94	9.7	2.45
792	6/23/2007 17:31	15.39	51.093	33.57	6.18	7.94	8.8	2.51
793	6/23/2007 17:46	15.3	51.098	33.57	6.05	7.93	8.8	2.57
794	6/23/2007 18:01	15.19	51.083	33.56	5.79	7.9	8.5	2.64
795	6/23/2007 18:16	15.04	51.044	33.53	5.75	7.89	9.9	2.70
796	6/23/2007 18:31	14.8	51.012	33.5	5.93	7.9	8.9	2.74
797	6/23/2007 18:46	14.58	51.041	33.51	6.1	7.91	8.1	2.81
798	6/23/2007 19:01	14.5	51.022	33.5	6.2	7.91	7.3	2.85
799	6/23/2007 19:16	14.39	51.013	33.49	6.31	7.92	5.7	2.88
800	6/23/2007 19:31	14.31	51.048	33.51	6.29	7.92	4.2	2.91
801	6/23/2007 19:46	14.42	50.984	33.47	5.86	7.9	2.1	2.91
802	6/23/2007 20:01	14.34	51.028	33.5	6.02	7.9	3.2	2.91
803	6/23/2007 20:16	14.38	51.042	33.51	6.17	7.91	6.8	2.88
804	6/23/2007 20:31	14.46	51.042	33.51	6.03	7.91	6.2	2.85
805	6/23/2007 20:46	14.57	51.029	33.5	6.06	7.91	5.9	2.80
806	6/23/2007 21:01	15.1	51.112	33.58	6.27	7.98	7.8	2.74
807	6/23/2007 21:16	15.61	51.096	33.58	6.38	8	12.5	2.68
808	6/23/2007 21:31	16.01	51.148	33.63	6.63	8.03	8.4	2.60
809	6/23/2007 21:46	15.97	51.156	33.63	6.49	8	8.0	2.54
810	6/23/2007 22:01	16.24	51.181	33.65	6.66	8.05	7.6	2.45
811	6/23/2007 22:16	16.53	51.216	33.68	7.1	8.11	7.6	2.38
812	6/23/2007 22:31	16.73	51.241	33.71	7.31	8.13	7.1	2.31
813	6/23/2007 22:46	16.71	51.25	33.71	7.29	8.12	7.7	2.22
814	6/23/2007 23:01	16.67	51.245	33.71	7.15	8.11	6.8	2.15
815	6/23/2007 23:16	16.64	51.264	33.72	7.14	8.1	7.4	2.08

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
816	6/23/2007 23:31	16.67	51.265	33.72	7.12	8.1	6.8	1.98
817	6/23/2007 23:46	16.81	51.303	33.75	7.21	8.12	7.6	1.90
818	6/24/2007 00:01	16.72	51.302	33.75	6.97	8.11	8.2	1.83
819	6/24/2007 00:16	16.71	51.329	33.77	6.95	8.11	8.3	1.74
820	6/24/2007 00:31	16.84	51.344	33.78	6.96	8.12	8.0	1.65
821	6/24/2007 00:46	16.93	51.358	33.79	6.96	8.13	8.5	1.59
822	6/24/2007 01:01	17.06	51.374	33.81	6.98	8.15	7.5	1.52
823	6/24/2007 01:16	17.32	51.398	33.83	7.19	8.18	7.2	1.47
824	6/24/2007 01:31	17.39	51.38	33.82	7.12	8.19	6.7	1.42
825	6/24/2007 01:46	17.59	51.405	33.84	7.31	8.22	5.2	1.38
826	6/24/2007 02:01	17.7	51.414	33.84	7.24	8.23	4.1	1.37
827	6/24/2007 02:16	17.73	51.431	33.86	6.76	8.22	1.9	1.35
828	6/24/2007 02:31	17.74	51.425	33.85	6.75	8.22	4.2	1.35
829	6/24/2007 02:46	17.75	51.436	33.86	7.77	8.27	7.2	1.38
830	6/24/2007 03:01	17.67	51.423	33.85	7.73	8.26	7.6	1.40
831	6/24/2007 03:16	17.73	51.428	33.85	7.84	8.28	8.3	1.42
832	6/24/2007 03:31	17.71	51.417	33.85	7.83	8.27	8.2	1.47
833	6/24/2007 03:46	17.69	51.416	33.84	7.82	8.27	8.0	1.51
834	6/24/2007 04:01	17.67	51.411	33.84	7.82	8.27	8.5	1.55
835	6/24/2007 04:16	17.63	51.396	33.83	7.79	8.27	8.4	1.60
836	6/24/2007 04:31	17.64	51.417	33.84	7.64	8.26	8.3	1.65
837	6/24/2007 04:46	17.68	51.426	33.85	7.56	8.27	8.7	1.68
838	6/24/2007 05:01	17.74	51.442	33.86	7.46	8.27	9.6	1.75
839	6/24/2007 05:16	17.75	51.46	33.88	7.41	8.27	10.0	1.79
840	6/24/2007 05:31	17.71	51.442	33.86	7.35	8.26	10.4	1.82
841	6/24/2007 05:46	17.58	51.41	33.84	7.37	8.24	11.4	1.89
842	6/24/2007 06:01	17.51	51.39	33.82	7.33	8.22	11.5	1.93
843	6/24/2007 06:16	17.29	51.345	33.79	7.25	8.18	12.4	1.97
844	6/24/2007 06:31	17.08	51.304	33.76	7.14	8.15	14.6	2.02
845	6/24/2007 06:46	16.87	51.272	33.73	7.01	8.12	13.1	2.04
846	6/24/2007 07:01	16.63	51.248	33.71	6.89	8.09	12.7	2.09
847	6/24/2007 07:16	16.46	51.207	33.68	6.77	8.07	10.1	2.13
848	6/24/2007 07:31	16.41	51.16	33.64	6.69	8.06	12.3	2.15
849	6/24/2007 07:46	16.24	51.164	33.64	6.66	8.04	8.2	2.18
850	6/24/2007 08:01	16.16	51.175	33.65	6.59	8.03	8.3	2.20
851	6/24/2007 08:16	16.14	51.177	33.65	6.54	8.03	8.1	2.22
852	6/24/2007 08:31	16.07	51.155	33.63	6.33	8.01	5.3	2.23
853	6/24/2007 08:46	16.2	51.177	33.65	6.18	8.01	5.4	2.22
854	6/24/2007 09:01	16.05	51.14	33.62	6.11	7.99	3.6	2.23
855	6/24/2007 09:16	16.03	51.151	33.63	6.15	7.99	5.4	2.21
856	6/24/2007 09:31	16.09	51.131	33.61	6.25	8	5.1	2.19
857	6/24/2007 09:46	16.27	51.161	33.64	6.43	8.03	5.9	2.14
858	6/24/2007 10:01	16.59	51.151	33.64	6.6	8.06	6.7	2.12
859	6/24/2007 10:16	16.89	51.209	33.68	7.07	8.13	7.9	2.09
860	6/24/2007 10:31	17.18	51.256	33.72	7.63	8.18	7.7	2.02
861	6/24/2007 10:46	17.3	51.283	33.74	7.93	8.2	8.1	1.98
862	6/24/2007 11:01	17.33	51.302	33.76	7.78	8.2	6.9	1.94
863	6/24/2007 11:16	17.41	51.302	33.76	7.79	8.21	6.8	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
864	6/24/2007 11:31	17.45	51.298	33.76	7.75	8.21	5.6	1.85
865	6/24/2007 11:46	17.5	51.32	33.77	7.59	8.21	6.5	1.81
866	6/24/2007 12:01	17.49	51.34	33.79	7.2	8.19	2.6	1.78
867	6/24/2007 12:16	17.44	51.328	33.78	6.95	8.17	2.8	1.74
868	6/24/2007 12:31	17.44	51.317	33.77	7.09	8.17	3.6	1.72
869	6/24/2007 12:46	17.49	51.314	33.77	7.02	8.17	3.3	1.70
870	6/24/2007 13:01	17.51	51.326	33.78	6.96	8.17	2.8	1.68
871	6/24/2007 13:16	17.57	51.328	33.78	6.94	8.17	2.7	1.68
872	6/24/2007 13:31	17.63	51.314	33.77	7.85	8.21	8.7	1.69
873	6/24/2007 13:46	17.6	51.316	33.77	7.76	8.2	8.2	1.69
874	6/24/2007 14:01	17.66	51.314	33.77	7.72	8.2	7.6	1.69
875	6/24/2007 14:16	17.78	51.325	33.78	7.77	8.22	6.3	1.73
876	6/24/2007 14:31	17.81	51.317	33.77	7.82	8.21	7.5	1.76
877	6/24/2007 14:46	17.82	51.329	33.78	7.82	8.21	7.9	1.81
878	6/24/2007 15:01	17.82	51.33	33.78	7.77	8.21	7.7	1.85
879	6/24/2007 15:16	17.76	51.323	33.78	7.52	8.2	7.9	1.89
880	6/24/2007 15:31	17.69	51.303	33.76	7.4	8.18	8.0	1.94
881	6/24/2007 15:46	17.72	51.295	33.76	7.36	8.17	8.3	1.99
882	6/24/2007 16:01	17.43	51.258	33.73	7.05	8.14	8.1	2.05
883	6/24/2007 16:16	17.26	51.224	33.7	6.83	8.11	7.6	2.09
884	6/24/2007 16:31	16.8	51.188	33.67	6.49	8.05	8.3	2.16
885	6/24/2007 16:46	16.59	51.18	33.66	6.22	8.02	9.4	2.21
886	6/24/2007 17:01	16.53	51.163	33.65	5.85	7.98	8.2	2.27
887	6/24/2007 17:16	16.29	51.156	33.64	5.4	7.93	9.3	2.33
888	6/24/2007 17:31	16.02	51.118	33.6	5.21	7.9	8.5	2.39
889	6/24/2007 17:46	15.81	51.118	33.6	5.26	7.89	9.5	2.46
890	6/24/2007 18:01	15.62	51.099	33.58	5.33	7.89	9.0	2.51
891	6/24/2007 18:16	15.56	51.087	33.57	5.46	7.9	8.8	2.57
892	6/24/2007 18:31	15.37	51.095	33.57	5.21	7.86	8.5	2.63
893	6/24/2007 18:46	15.09	51.069	33.55	4.99	7.84	8.4	2.70
894	6/24/2007 19:01	15	51.078	33.55	5.21	7.85	8.6	2.76
895	6/24/2007 19:16	14.89	51.061	33.54	5.36	7.86	7.4	2.80
896	6/24/2007 19:31	14.81	51.06	33.53	5.51	7.87	7.3	2.86
897	6/24/2007 19:46	14.69	51.036	33.51	5.77	7.89	6.8	2.90
898	6/24/2007 20:01	14.6	51.069	33.53	5.82	7.89	6.3	2.92
899	6/24/2007 20:16	14.55	51.054	33.52	5.82	7.89	4.1	2.94
900	6/24/2007 20:31	14.54	51.048	33.52	5.52	7.88	2.7	2.95
901	6/24/2007 20:46	14.54	51.046	33.52	5.64	7.88	3.0	2.95
902	6/24/2007 21:01	14.62	51.048	33.52	5.62	7.88	4.3	2.92
903	6/24/2007 21:16	14.79	51.034	33.51	5.59	7.88	6.7	2.87
904	6/24/2007 21:31	14.99	51.064	33.54	5.66	7.9	5.5	2.82
905	6/24/2007 21:46	15.37	51.099	33.58	5.71	7.93	7.8	2.77
906	6/24/2007 22:01	15.81	51.066	33.56	5.81	7.97	8.5	2.69
907	6/24/2007 22:16	16.1	51.145	33.62	5.98	8.01	10.2	2.61
908	6/24/2007 22:31	16.15	51.169	33.64	5.97	8.02	8.2	2.54
909	6/24/2007 22:46	16.36	51.2	33.67	6.34	8.07	8.2	2.46
910	6/24/2007 23:01	16.44	51.225	33.69	6.49	8.06	8.3	2.38
911	6/24/2007 23:16	16.6	51.248	33.71	6.71	8.09	7.8	2.30

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
912	6/24/2007 23:31	16.51	51.256	33.71	6.67	8.06	9.1	2.20
913	6/24/2007 23:46	16.5	51.245	33.7	6.62	8.05	8.9	2.11
914	6/25/2007 00:01	16.44	51.271	33.72	6.49	8.04	8.6	2.03
915	6/25/2007 00:16	16.63	51.292	33.74	6.67	8.07	10.6	1.93
916	6/25/2007 00:31	16.59	51.279	33.73	6.51	8.06	9.4	1.84
917	6/25/2007 00:46	16.44	51.294	33.74	6.36	8.04	10.0	1.74
918	6/25/2007 01:01	16.48	51.332	33.77	6.38	8.05	11.6	1.64
919	6/25/2007 01:16	16.71	51.303	33.75	6.41	8.08	8.9	1.56
920	6/25/2007 01:31	16.68	51.333	33.77	6.41	8.08	8.2	1.46
921	6/25/2007 01:46	16.74	51.372	33.8	6.47	8.09	8.6	1.39
922	6/25/2007 02:01	16.85	51.4	33.82	6.49	8.11	7.4	1.33
923	6/25/2007 02:16	17.17	51.411	33.84	6.71	8.16	6.8	1.27
924	6/25/2007 02:31	17.16	51.383	33.81	6.68	8.16	6.7	1.22
925	6/25/2007 02:46	17.46	51.424	33.85	6.88	8.2	5.5	1.20
926	6/25/2007 03:01	17.53	51.455	33.87	6.68	8.21	3.1	1.19
927	6/25/2007 03:16	17.52	51.461	33.88	5.72	8.17	1.2	1.18
928	6/25/2007 03:31	17.5	51.459	33.87	7.04	8.22	7.4	1.19
929	6/25/2007 03:46	17.49	51.46	33.88	7.18	8.24	8.2	1.23
930	6/25/2007 04:01	17.43	51.45	33.87	7.16	8.23	8.1	1.24
931	6/25/2007 04:16	17.52	51.475	33.89	7.29	8.25	8.2	1.28
932	6/25/2007 04:31	17.55	51.469	33.88	7.33	8.26	8.4	1.33
933	6/25/2007 04:46	17.52	51.455	33.87	7.34	8.25	8.3	1.37
934	6/25/2007 05:01	17.5	51.456	33.87	7.28	8.25	8.6	1.41
935	6/25/2007 05:16	17.46	51.438	33.86	7.23	8.24	9.1	1.45
936	6/25/2007 05:31	17.42	51.44	33.86	7.23	8.23	9.0	1.53
937	6/25/2007 05:46	17.39	51.425	33.85	7.12	8.22	9.4	1.57
938	6/25/2007 06:01	17.5	51.492	33.9	6.96	8.23	9.6	1.61
939	6/25/2007 06:16	17.37	51.487	33.89	6.98	8.22	8.6	1.69
940	6/25/2007 06:31	17.25	51.451	33.87	6.99	8.2	9.0	1.74
941	6/25/2007 06:46	17.15	51.426	33.85	6.99	8.19	9.0	1.80
942	6/25/2007 07:01	17.19	51.414	33.84	6.95	8.19	9.3	1.85
943	6/25/2007 07:16	17.18	51.41	33.84	6.91	8.18	9.3	1.91
944	6/25/2007 07:31	17.13	51.405	33.83	6.87	8.17	9.3	1.97
945	6/25/2007 07:46	16.9	51.317	33.76	6.69	8.12	12.3	2.01
946	6/25/2007 08:01	16.69	51.28	33.73	6.65	8.09	10.6	2.07
947	6/25/2007 08:16	16.58	51.266	33.72	6.61	8.07	9.4	2.11
948	6/25/2007 08:31	16.5	51.233	33.7	6.56	8.06	8.5	2.15
949	6/25/2007 08:46	16.37	51.21	33.68	6.49	8.05	8.6	2.18
950	6/25/2007 09:01	16.34	51.178	33.65	6.41	8.04	6.8	2.20
951	6/25/2007 09:16	16.3	51.201	33.67	6.45	8.04	6.7	2.24
952	6/25/2007 09:31	16.37	51.167	33.65	6.42	8.04	6.1	2.25
953	6/25/2007 09:46	16.35	51.183	33.66	6.33	8.04	5.3	2.26
954	6/25/2007 10:01	16.52	51.196	33.67	5.93	8.03	3.9	2.26
955	6/25/2007 10:16	16.34	51.174	33.65	5.88	8.01	2.9	2.27
956	6/25/2007 10:31	16.35	51.211	33.68	5.66	8	3.1	2.27
957	6/25/2007 10:46	16.3	51.171	33.65	5.94	8.02	5.8	2.23
958	6/25/2007 11:01	16.34	51.148	33.63	6.02	8.02	6.0	2.21
959	6/25/2007 11:16	16.38	51.184	33.66	6.15	8.02	5.7	2.17

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
960	6/25/2007 11:31	16.42	51.161	33.64	6.23	8.03	4.6	2.14
961	6/25/2007 11:46	16.56	51.188	33.66	6.4	8.05	6.5	2.09
962	6/25/2007 12:01	16.79	51.215	33.69	6.95	8.1	11.8	2.04
963	6/25/2007 12:16	17.13	51.223	33.7	7.52	8.15	4.6	2.01
964	6/25/2007 12:31	17.41	51.18	33.67	7.97	8.2	24.9	1.96
965	6/25/2007 12:46	17.53	51.297	33.76	8.03	8.21	4.9	1.91
966	6/25/2007 13:01	17.51	51.337	33.78	7.54	8.19	3.5	1.87
967	6/25/2007 13:16	17.77	51.287	33.75	7.7	8.21	4.0	1.85
968	6/25/2007 13:31	17.81	51.335	33.79	7.21	8.2	3.9	1.82
969	6/25/2007 13:46	17.9	51.372	33.81	7.3	8.21	1.4	1.81
970	6/25/2007 14:01	17.65	51.384	33.82	8	8.21	6.5	1.80
971	6/25/2007 14:16	17.79	51.339	33.79	7.9	8.21	6.1	1.80
972	6/25/2007 14:31	17.66	51.394	33.83	7.33	8.2	6.5	1.81
973	6/25/2007 14:46	18.12	51.322	33.78	7.82	8.21	6.1	1.82
974	6/25/2007 15:01	17.98	51.286	33.75	7.83	8.18	7.2	1.85
975	6/25/2007 15:16	17.67	51.287	33.75	7.42	8.16	7.1	1.87
976	6/25/2007 15:31	17.71	51.292	33.75	7.33	8.18	9.1	1.91
977	6/25/2007 15:46	17.47	51.312	33.77	7.18	8.14	7.2	1.94
978	6/25/2007 16:01	17.89	51.291	33.75	7.46	8.17	6.6	1.98
979	6/25/2007 16:16	17.86	51.271	33.74	7.4	8.14	6.7	2.03
980	6/25/2007 16:31	17.77	51.239	33.71	7.17	8.11	6.1	2.08
981	6/25/2007 16:46	17.41	51.194	33.68	6.8	8.07	5.7	2.12
982	6/25/2007 17:01	16.96	51.189	33.67	6.48	8.05	6.9	2.18
983	6/25/2007 17:16	16.65	51.127	33.62	6.12	8.01	8.1	2.22
984	6/25/2007 17:31	16.51	51.123	33.62	5.9	7.99	8.8	2.29
985	6/25/2007 17:46	16.22	51.057	33.56	5.61	7.95	11.4	2.34
986	6/25/2007 18:01	16.3	51.053	33.56	5.61	7.95	7.8	2.40
987	6/25/2007 18:16	15.66	51.044	33.54	5.18	7.89	9.9	2.46
988	6/25/2007 18:31	15.37	51.016	33.52	5.03	7.87	9.9	2.52
989	6/25/2007 18:46	15.12	51.039	33.53	5	7.86	9.3	2.59
990	6/25/2007 19:01	14.83	51.025	33.51	4.97	7.84	14.0	2.65
991	6/25/2007 19:16	14.8	51.038	33.52	5.07	7.85	9.3	2.71
992	6/25/2007 19:31	14.63	51.048	33.52	5.29	7.87	17.9	2.78
993	6/25/2007 19:46	14.36	51.036	33.5	5.51	7.88	10.1	2.83
994	6/25/2007 20:01	14.11	51.039	33.5	5.62	7.88	8.5	2.88
995	6/25/2007 20:16	14.02	51.06	33.51	5.67	7.89	20.3	2.93
996	6/25/2007 20:31	13.89	51.029	33.48	5.7	7.89	5.2	2.96
997	6/25/2007 20:46	13.87	50.99	33.45	5.66	7.89	5.4	2.98
998	6/25/2007 21:01	13.75	51.026	33.48	5.47	7.87	3.2	3.00
999	6/25/2007 21:16	13.77	51.056	33.5	5.56	7.88	4.1	3.00
1000	6/25/2007 21:31	13.69	51.073	33.51	5.43	7.87	3.8	2.99
1001	6/25/2007 21:46	13.77	51.025	33.48	5.55	7.88	3.6	2.95
1002	6/25/2007 22:01	14.22	51.075	33.53	5.75	7.92	4.5	2.91
1003	6/25/2007 22:16	14.92	50.977	33.48	5.8	7.96	5.2	2.85
1004	6/25/2007 22:31	15.2	50.947	33.46	5.81	7.95	7.4	2.77
1005	6/25/2007 22:46	15.43	51.154	33.62	6.23	8	5.7	2.70
1006	6/25/2007 23:01	15.99	51.009	33.52	6.21	8.02	5.8	2.62
1007	6/25/2007 23:16	16.2	50.722	33.32	6.28	8.06	34.7	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
1008	6/25/2007 23:31	16.36	51.083	33.58	6.42	8.05	6.5	2.44
1009	6/25/2007 23:46	16.82	51.137	33.63	6.94	8.12	6.6	2.35
1010	6/26/2007 00:01	17.07	51.2	33.68	7.23	8.13	8.6	2.27
1011	6/26/2007 00:16	17.27	51.223	33.7	7.55	8.16	7.2	2.17
1012	6/26/2007 00:31	17.43	51.244	33.72	7.77	8.18	6.5	2.07
1013	6/26/2007 00:46	17.62	51.292	33.75	8.1	8.22	6.8	1.98
1014	6/26/2007 01:01	17.88	51.302	33.76	7.97	8.25	6.8	1.86
1015	6/26/2007 01:16	18.06	51.352	33.8	7.89	8.28	7.2	1.76
1016	6/26/2007 01:31	17.89	51.453	33.87	7.62	8.25	8.8	1.65
1017	6/26/2007 01:46	17.74	51.335	33.79	7.27	8.2	8.0	1.54
1018	6/26/2007 02:01	17.75	51.367	33.81	7.05	8.2	9.1	1.44
1019	6/26/2007 02:16	17.66	50.816	33.4	6.91	8.16	7.0	1.34
1020	6/26/2007 02:31	17.69	51.381	33.82	6.88	8.16	7.2	1.26
1021	6/26/2007 02:46	17.72	51.382	33.82	6.81	8.16	6.8	1.17
1022	6/26/2007 03:01	17.73	51.41	33.84	6.75	8.16	6.1	1.11
1023	6/26/2007 03:16	17.92	51.444	33.87	7.06	8.19	5.2	1.07
1024	6/26/2007 03:31	18.15	51.467	33.89	7.32	8.22	3.7	1.01
1025	6/26/2007 03:46	18.08	51.455	33.88	6.86	8.19	2.7	1.04
1026	6/26/2007 04:01	17.9	51.509	33.91	7.2	8.2	4.9	1.02
1027	6/26/2007 04:16	18.25	51.495	33.91	7.8	8.26	4.7	1.02
1028	6/26/2007 04:31	18.22	51.479	33.89	7.86	8.26	5.0	1.07
1029	6/26/2007 04:46	18.15	51.473	33.89	7.84	8.25	5.7	1.10
1030	6/26/2007 05:01	18.22	51.476	33.89	8.08	8.27	5.8	1.15
1031	6/26/2007 05:16	18.19	51.469	33.89	8.07	8.27	6.0	1.17
1032	6/26/2007 05:31	18.16	51.466	33.88	8.04	8.26	6.5	1.25
1033	6/26/2007 05:46	18.27	51.473	33.89	7.84	8.26	7.4	1.29
1034	6/26/2007 06:01	18.5	51.544	33.94	7.61	8.26	8.4	1.34
1035	6/26/2007 06:16	18.6	51.557	33.95	7.46	8.26	10.3	1.40
1036	6/26/2007 06:31	18.56	51.549	33.95	7.45	8.26	9.4	1.46
1037	6/26/2007 06:46	18.45	51.516	33.92	7.54	8.25	10.1	1.54
1038	6/26/2007 07:01	18.32	51.487	33.9	7.54	8.24	9.5	1.57
1039	6/26/2007 07:16	18.22	51.47	33.89	7.52	8.23	10.2	1.67
1040	6/26/2007 07:31	18.15	51.435	33.86	7.48	8.23	10.4	1.73
1041	6/26/2007 07:46	17.91	51.404	33.84	7.35	8.2	11.3	1.79
1042	6/26/2007 08:01	17.75	51.372	33.81	7.2	8.18	11.5	1.87
1043	6/26/2007 08:16	17.39	51.318	33.77	6.95	8.13	47.4	1.93
1044	6/26/2007 08:31	17.12	51.316	33.77	6.65	8.09	9.6	1.99
1045	6/26/2007 08:46	16.9	51.265	33.73	6.43	8.06	8.9	2.06
1046	6/26/2007 09:01	16.82	51.246	33.71	6.37	8.05	8.9	2.11
1047	6/26/2007 09:16	16.75	51.238	33.7	6.3	8.05	8.3	2.16
1048	6/26/2007 09:31	16.66	51.203	33.68	6.19	8.04	8.8	2.21
1049	6/26/2007 09:46	16.59	51.193	33.67	6.14	8.03	7.3	2.25
1050	6/26/2007 10:01	16.32	51.117	33.61	5.92	7.99	7.6	2.28
1051	6/26/2007 10:16	16.34	51.103	33.6	5.84	7.99	6.8	2.32
1052	6/26/2007 10:31	16.21	51.132	33.62	5.7	7.98	5.8	2.33
1053	6/26/2007 10:46	16.21	51.118	33.61	5.62	7.97	5.4	2.35
1054	6/26/2007 11:01	16.11	51.111	33.6	5.47	7.96	4.8	2.37
1055	6/26/2007 11:16	16.28	51.133	33.62	5.36	7.95	3.2	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	
1056	6/26/2007 11:31	16.17	51.116	33.6	5.19	7.94	3.6	2.35	
1057	6/26/2007 11:46	16.17	51.108	33.6	5.27	7.94	3.5	2.33	
1058	6/26/2007 12:01	16.23	51.113	33.6	5.31	7.95	3.7	2.31	
1059	6/26/2007 12:16	16.37	51.104	33.6	5.57	7.98	4.5	2.26	
1060	6/26/2007 12:31	16.42	51.105	33.6	5.76	7.99	5.0	2.21	
1061	6/26/2007 12:46	16.74	51.156	33.64	6.42	8.06	4.3	2.18	
1062	6/26/2007 13:01	16.88	51.191	33.67	6.56	8.07	4.3	2.13	
1063	6/26/2007 13:16	17.11	51.225	33.7	6.91	8.11	4.6	2.08	
1064	6/26/2007 13:31	17.16	51.252	33.72	6.84	8.11	3.9	2.03	
1065	6/26/2007 13:46	17.31	51.254	33.72	6.92	8.12	3.2	2.02	
1066	6/26/2007 14:01	17.38	51.273	33.74	6.88	8.12	3.6	1.97	
1067	6/26/2007 14:16	17.53	51.267	33.73	7.05	8.14	2.7	1.93	
1068	6/26/2007 14:31	17.69	51.29	33.75	7.1	8.14	1.4	1.93	
1069	6/26/2007 14:46	17.82	51.33	33.78	6.65	8.13	1.2	1.90	
1070	6/26/2007 15:01	17.93	51.325	33.78	6.99	8.17	0.9	1.90	
1071	6/26/2007 15:16	17.73	51.276	33.74	7.93	8.17	5.2	1.90	
1072	6/26/2007 15:31	17.97	51.316	33.77	8.24	8.22	4.5	1.91	
1073	6/26/2007 15:46	17.94	51.347	33.8	7.94	8.19	4.8	1.93	
1074	6/26/2007 16:01	17.86	51.304	33.76	7.81	8.18	5.0	1.96	
1075	6/26/2007 16:16	17.91	51.331	33.78	7.63	8.17	5.1	1.97	
1076	6/26/2007 16:31	17.85	51.34	33.79	7.57	8.17	6.1	2.03	
1077	6/26/2007 16:46	17.77	51.291	33.75	7.5	8.15	7.1	2.08	
1078	6/26/2007 17:01	17.59	51.264	33.73	7.27	8.12	5.8	2.11	
1079	6/26/2007 17:16	17.56	51.269	33.74	7.22	8.11	6.2	2.17	
1080	6/26/2007 17:31	17.23	51.219	33.69	6.84	8.07	7.4	2.22	
1081	6/26/2007 17:46	16.97	51.212	33.69	6.51	8.05	7.6	2.27	
1082	6/26/2007 18:01	16.69	51.178	33.66	6.11	8.01	8.5	2.32	
1083	6/26/2007 18:16	16.38	51.152	33.63	5.81	7.98	9.1	2.39	
1084	6/26/2007 18:31	15.92	51.136	33.61	5.4	7.92	9.7	2.45	
1085	6/26/2007 18:46	15.51	51.123	33.6	5.1	7.88	12.7	2.51	
1086	6/26/2007 19:01	15.17	51.092	33.57	4.92	7.86	8.6	2.56	
1087	6/26/2007 19:16	15.15	51.094	33.57	4.92	7.86	9.3	2.63	
1088	6/26/2007 19:31	14.78	51.086	33.55	4.77	7.84	9.6	2.70	
1089	6/26/2007 19:46	14.56	51.068	33.53	4.68	7.83	9.7	2.76	
1090	6/26/2007 20:01	14.36	51.079	33.54	4.66	7.82	10.1	2.83	
1091	6/26/2007 20:16	13.96	51.088	33.53	4.87	7.83	9.3	2.89	
1092	6/26/2007 20:31	13.55	51.108	33.53	5.03	7.84	8.5	2.95	
1093	6/26/2007 20:46	13.34	51.091	33.51	5.14	7.84	6.9	2.99	
1094	6/26/2007 21:01	13.29	51.089	33.51	5.15	7.84	5.9	3.03	
1095	6/26/2007 21:16	13.02	51.077	33.49	5.25	7.84	4.3	3.07	
1096	6/26/2007 21:31	12.89	51.079	33.48	5.26	7.84	3.8	3.10	
1097	6/26/2007 21:46	12.95	51.045	33.46	4.99	7.84	4.5	3.09	
1098	6/26/2007 22:01	12.91	51.092	33.49	4.97	7.82	2.4	3.08	
1099	6/26/2007 22:16	12.93	51.096	33.5	5.02	7.83	3.6	3.07	
1100	6/26/2007 22:31	13.06	51.079	33.49	5.11	7.84	4.5	3.03	
1101	6/26/2007 22:46	13.3	51.091	33.51	5.1	7.85	5.3	2.95	
1102	6/26/2007 23:01	14.48	51.104	33.56	5.64	7.97	6.7	2.89	
1103	6/26/2007 23:16	14.91	51.024	33.51	5.34	7.94	6.3	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
1104	6/26/2007 23:31	15.38	50.989	33.5	5.43	7.96	6.8	2.73
1105	6/26/2007 23:46	15.48	51.094	33.57	5.45	7.97	7.1	2.64
1106	6/27/2007 00:01	15.91	51.135	33.61	5.86	8.01	6.1	2.54
1107	6/27/2007 00:16	16.34	51.091	33.59	6.4	8.09	5.3	2.45
1108	6/27/2007 00:31	16.69	51.243	33.71	6.93	8.14	6.1	2.35
1109	6/27/2007 00:46	16.93	51.194	33.67	7.15	8.18	6.1	2.25
1110	6/27/2007 01:01	17.16	51.257	33.72	7.56	8.23	7.6	2.14
1111	6/27/2007 01:16	17.19	51.297	33.75	7.48	8.21	6.2	2.04
1112	6/27/2007 01:31	17.14	51.335	33.78	7.29	8.19	7.0	1.93
1113	6/27/2007 01:46	17.25	51.326	33.77	7.19	8.21	7.8	1.81
1114	6/27/2007 02:01	17.27	51.364	33.8	6.96	8.18	18.0	1.68
1115	6/27/2007 02:16	17.11	51.312	33.76	6.7	8.13	11.1	1.59
1116	6/27/2007 02:31	17.09	51.348	33.79	6.51	8.11	11.2	1.45
1117	6/27/2007 02:46	17.13	51.331	33.78	6.37	8.1	11.3	1.34
1118	6/27/2007 03:01	17.26	51.362	33.8	6.5	8.11	10.7	1.23
1119	6/27/2007 03:16	17.36	51.357	33.8	6.54	8.12	8.9	1.13
1120	6/27/2007 03:31	17.47	51.391	33.82	6.55	8.13	6.0	1.06
1121	6/27/2007 03:46	17.88	51.418	33.85	7.11	8.2	6.2	0.96
1122	6/27/2007 04:01	17.74	51.483	33.89	6.82	8.16	5.3	0.93
1123	6/27/2007 04:16	17.86	51.439	33.86	6.84	8.18	4.2	0.90
1124	6/27/2007 04:31	18.05	51.474	33.89	6.81	8.19	2.3	0.89
1125	6/27/2007 04:46	17.78	51.439	33.86	6.95	8.18	7.0	0.89
1126	6/27/2007 05:01	18.05	51.517	33.92	7.47	8.23	5.5	0.93
1127	6/27/2007 05:16	17.93	51.491	33.9	7.39	8.21	7.0	0.97
1128	6/27/2007 05:31	18.09	51.518	33.92	7.63	8.24	6.0	0.99
1129	6/27/2007 05:46	18.03	51.502	33.91	7.57	8.23	7.7	1.04
1130	6/27/2007 06:01	18.05	51.504	33.91	7.72	8.25	7.3	1.11
1131	6/27/2007 06:16	18	51.48	33.89	7.71	8.24	8.1	1.14
1132	6/27/2007 06:31	18.28	51.454	33.88	7.53	8.25	9.9	1.20
1133	6/27/2007 06:46	18.42	51.431	33.86	7.38	8.24	13.3	1.27
1134	6/27/2007 07:01	18.33	51.418	33.85	7.35	8.23	15.7	1.32
1135	6/27/2007 07:16	18.25	51.424	33.85	7.4	8.23	15.4	1.41
1136	6/27/2007 07:31	18.11	51.432	33.86	7.41	8.22	16.4	1.47
1137	6/27/2007 07:46	17.93	51.411	33.84	7.32	8.2	12.8	1.55
1138	6/27/2007 08:01	17.84	51.432	33.86	7.26	8.2	13.8	1.63
1139	6/27/2007 08:16	17.79	51.435	33.86	7.28	8.2	14.8	1.71
1140	6/27/2007 08:31	17.61	51.42	33.85	7.2	8.18	15.2	1.79
1141	6/27/2007 08:46	17.25	51.336	33.78	6.74	8.12	16.1	1.85
1142	6/27/2007 09:01	17.01	51.304	33.75	6.5	8.08	12.3	1.95
1143	6/27/2007 09:16	16.9	51.305	33.75	6.35	8.06	16.2	2.02
1144	6/27/2007 09:31	16.85	51.273	33.73	6.3	8.05	10.9	2.07
1145	6/27/2007 09:46	16.87	51.222	33.69	6.22	8.06	11.0	2.14
1146	6/27/2007 10:01	16.63	51.247	33.71	6.07	8.03	9.9	2.20
1147	6/27/2007 10:16	16.47	51.225	33.69	5.93	8.01	8.8	2.25
1148	6/27/2007 10:31	16.28	51.182	33.65	5.68	7.98	8.4	2.28
1149	6/27/2007 10:46	16.13	51.173	33.65	5.49	7.96	9.3	2.34
1150	6/27/2007 11:01	15.93	51.139	33.62	5.31	7.94	7.9	2.39
1151	6/27/2007 11:16	15.81	51.113	33.6	5.11	7.92	6.2	2.40

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
1152	6/27/2007 11:31	15.63	51.111	33.59	4.7	7.88	5.8	2.43
1153	6/27/2007 11:46	15.57	51.106	33.59	4.49	7.87	6.1	2.46
1154	6/27/2007 12:01	15.78	50.956	33.48	4.37	7.87	3.4	2.46
1155	6/27/2007 12:16	15.66	51.145	33.62	4.11	7.85	3.5	2.46
1156	6/27/2007 12:31	15.66	51.135	33.61	4.32	7.86	3.8	2.44
1157	6/27/2007 12:46	15.71	51.084	33.57	4.33	7.86	4.1	2.43
1158	6/27/2007 13:01	15.9	51.122	33.6	4.78	7.91	7.9	2.38
1159	6/27/2007 13:16	16.19	51.09	33.59	5.08	7.95	4.9	2.35
1160	6/27/2007 13:31	16.62	51.164	33.65	5.76	8	5.3	2.29
1161	6/27/2007 13:46	17.27	51.16	33.65	6.83	8.12	5.3	2.24
1162	6/27/2007 14:01	17.45	51.106	33.61	7.17	8.13	5.2	2.21
1163	6/27/2007 14:16	17.45	51.214	33.69	7.3	8.14	7.2	2.14
1164	6/27/2007 14:31	17.72	51.233	33.71	7.6	8.16	3.5	2.10
1165	6/27/2007 14:46	18.04	51.27	33.74	8.14	8.2	4.4	2.06
1166	6/27/2007 15:01	18.09	51.261	33.73	8	8.19	4.3	2.03
1167	6/27/2007 15:16	18.1	51.328	33.78	8.16	8.2	3.3	2.01
1168	6/27/2007 15:31	18.35	51.312	33.77	8.33	8.22	2.2	1.98
1169	6/27/2007 15:46	18.56	51.354	33.8	8.58	8.24	1.5	1.96
1170	6/27/2007 16:01	18.45	51.286	33.75	8.95	8.23	4.3	1.97
1171	6/27/2007 16:16	18.18	51.362	33.81	8.64	8.21	27.1	1.97
1172	6/27/2007 16:31	18.44	51.31	33.77	8.61	8.22	5.8	1.99
1173	6/27/2007 16:46	18.47	51.325	33.78	8.4	8.19	5.0	2.01
1174	6/27/2007 17:01	18.19	51.326	33.78	8.12	8.18	7.1	2.04
1175	6/27/2007 17:16	17.99	51.33	33.78	7.78	8.16	6.7	2.08
1176	6/27/2007 17:31	18.17	51.326	33.78	7.79	8.16	7.1	2.13
1177	6/27/2007 17:46	18.33	51.291	33.76	7.78	8.15	6.9	2.18
1178	6/27/2007 18:01	17.78	51.291	33.75	7.25	8.1	9.1	2.23
1179	6/27/2007 18:16	17.21	51.209	33.69	6.4	8.04	8.5	2.29
1180	6/27/2007 18:31	16.87	51.207	33.68	6.03	7.99	11.0	2.34
1181	6/27/2007 18:46	16.45	51.204	33.67	5.65	7.96	9.5	2.41
1182	6/27/2007 19:01	16.41	51.202	33.67	5.56	7.95	7.5	2.47
1183	6/27/2007 19:16	15.65	51.198	33.65	5.17	7.89	6.4	2.53
1184	6/27/2007 19:31	14.95	51.125	33.59	4.63	7.84	9.7	2.60
1185	6/27/2007 19:46	14.47	51.142	33.58	4.55	7.82	9.9	2.67
1186	6/27/2007 20:01	14.25	51.143	33.58	4.7	7.83	9.4	2.73
1187	6/27/2007 20:16	14.02	51.123	33.56	4.87	7.84	8.5	2.79
1188	6/27/2007 20:31	13.68	51.137	33.56	5.11	7.85	8.9	2.87
1189	6/27/2007 20:46	13.61	51.11	33.53	5.21	7.85	9.4	2.93
1190	6/27/2007 21:01	13.25	51.128	33.53	5.44	7.86	7.9	2.98
1191	6/27/2007 21:16	13.19	51.087	33.5	5.45	7.86	7.6	3.03
1192	6/27/2007 21:31	13.01	51.103	33.51	5.66	7.87	5.3	3.10
1193	6/27/2007 21:46	12.82	51.069	33.47	5.77	7.88	5.7	3.13
1194	6/27/2007 22:01	12.55	51.084	33.47	5.89	7.88	4.6	3.16
1195	6/27/2007 22:16	12.44	51.117	33.49	5.9	7.88	3.9	3.19
1196	6/27/2007 22:31	12.86	51.026	33.44	5.48	7.86	4.1	3.18
1197	6/27/2007 22:46	12.5	51.127	33.5	5.6	7.87	3.9	3.17
1198	6/27/2007 23:01	12.41	51.097	33.47	5.66	7.86	3.0	3.13
1199	6/27/2007 23:16	14.63	51.345	33.74	6.12	8.03	4.5	3.09

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
1200	6/27/2007 23:31	14.7	50.976	33.47	6.35	8.02	6.6	3.01
1201	6/27/2007 23:46	14.16	51.031	33.49	6	7.96	5.7	2.93
1202	6/28/2007 00:01	14.52	51.13	33.58	5.96	7.96	6.8	2.86
1203	6/28/2007 00:16	14.75	51.1	33.56	5.81	7.95	7.3	2.75
1204	6/28/2007 00:31	15.21	51.197	33.64	6.17	7.99	6.5	2.65
1205	6/28/2007 00:46	15.71	51.116	33.6	6.18	8.01	7.6	2.56
1206	6/28/2007 01:01	16.37	51.124	33.61	6.52	8.06	5.1	2.46
1207	6/28/2007 01:16	16.86	51.141	33.63	6.86	8.11	5.0	2.35
1208	6/28/2007 01:31	17.27	51.267	33.73	7.35	8.15	6.2	2.22
1209	6/28/2007 01:46	17.64	51.262	33.73	7.9	8.2	6.2	2.13
1210	6/28/2007 02:01	17.75	51.236	33.71	7.89	8.21	7.1	2.02
1211	6/28/2007 02:16	18.02	51.252	33.73	8.01	8.23	7.7	1.89
1212	6/28/2007 02:31	18.31	51.38	33.82	8.21	8.26	10.4	1.77
1213	6/28/2007 02:46	18.32	51.34	33.79	7.91	8.26	12.1	1.63
1214	6/28/2007 03:01	18.21	51.354	33.8	7.6	8.22	10.8	1.51
1215	6/28/2007 03:16	18	51.345	33.79	7.22	8.18	10.9	1.37
1216	6/28/2007 03:31	18.05	51.339	33.79	7.23	8.17	10.8	1.25
1217	6/28/2007 03:46	18.06	51.36	33.81	6.98	8.16	10.5	1.13
1218	6/28/2007 04:01	18.17	51.348	33.8	7.13	8.17	9.0	1.05
1219	6/28/2007 04:16	18.39	51.393	33.83	7.46	8.2	7.3	0.95
1220	6/28/2007 04:31	18.71	51.402	33.84	7.88	8.24	6.6	0.86
1221	6/28/2007 04:46	18.86	51.443	33.87	7.94	8.25	6.1	0.82
1222	6/28/2007 05:01	18.77	51.47	33.89	7.47	8.22	3.3	0.81
1223	6/28/2007 05:16	18.63	51.484	33.9	7.66	8.22	5.0	0.79
1224	6/28/2007 05:31	18.87	51.51	33.92	8.2	8.26	4.2	0.81
1225	6/28/2007 05:46	18.91	51.465	33.89	8.32	8.27	4.1	0.85
1226	6/28/2007 06:01	18.8	51.488	33.9	8.36	8.26	5.4	0.89
1227	6/28/2007 06:16	18.86	51.463	33.89	8.59	8.28	6.0	0.93
1228	6/28/2007 06:31	18.84	51.456	33.88	8.56	8.27	6.9	0.97
1229	6/28/2007 06:46	18.77	51.448	33.87	8.53	8.27	7.1	1.05
1230	6/28/2007 07:01	19	51.374	33.82	8.35	8.26	9.1	1.10
1231	6/28/2007 07:16	19.07	51.401	33.84	8.2	8.25	11.8	1.15
1232	6/28/2007 07:31	18.94	51.47	33.89	8.21	8.25	10.8	1.21
1233	6/28/2007 07:46	19.09	51.316	33.78	8.05	8.24	11.8	1.30
1234	6/28/2007 08:01	18.92	51.345	33.8	7.97	8.23	13.1	1.38
1235	6/28/2007 08:16	18.88	51.333	33.79	7.92	8.22	11.2	1.46
1236	6/28/2007 08:31	18.72	51.353	33.8	7.94	8.22	11.2	1.54
1237	6/28/2007 08:46	18.54	51.365	33.81	7.82	8.21	10.1	1.64
1238	6/28/2007 09:01	18.21	51.349	33.8	7.59	8.18	11.6	1.72
1239	6/28/2007 09:16	18.02	51.344	33.79	7.39	8.16	15.5	1.81
1240	6/28/2007 09:31	17.86	51.317	33.77	7.06	8.13	11.3	1.90
1241	6/28/2007 09:46	17.55	51.31	33.76	6.76	8.09	10.7	1.98
1242	6/28/2007 10:01	17.4	51.3	33.76	6.65	8.08	9.2	2.05
1243	6/28/2007 10:16	17.25	51.299	33.75	6.52	8.06	9.6	2.13
1244	6/28/2007 10:31	16.97	51.263	33.72	6.28	8.04	10.7	2.19
1245	6/28/2007 10:46	16.81	51.265	33.72	6.18	8.02	10.8	2.26
1246	6/28/2007 11:01	16.46	51.203	33.67	5.97	8	43.9	2.32
1247	6/28/2007 11:16	16.18	51.176	33.65	5.81	7.97	10.1	2.38

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
1248	6/28/2007 11:31	15.97	51.162	33.63	5.48	7.94	8.0	2.43
1249	6/28/2007 11:46	15.83	51.14	33.62	5.18	7.91	8.3	2.48
1250	6/28/2007 12:01	15.75	51.119	33.6	4.96	7.89	6.2	2.51
1251	6/28/2007 12:16	15.25	51.126	33.59	4.79	7.86	5.6	2.55
1252	6/28/2007 12:31	15.02	51.12	33.58	4.77	7.85	6.1	2.57
1253	6/28/2007 12:46	14.93	51.091	33.56	4.28	7.82	1.4	2.58
1254	6/28/2007 13:01	14.92	51.094	33.56	4.61	7.85	2.6	2.58
1255	6/28/2007 13:16	15.03	51.056	33.54	4.46	7.84	3.0	2.58
1256	6/28/2007 13:31	15.34	51.074	33.56	4.61	7.85	2.4	2.54
1257	6/28/2007 13:46	15.74	51.084	33.57	4.81	7.88	3.8	2.50
1258	6/28/2007 14:01	16.39	51.132	33.62	5.67	7.97	4.4	2.46
1259	6/28/2007 14:16	16.54	51.154	33.64	6.05	8	3.9	2.42
1260	6/28/2007 14:31	17.09	51.136	33.63	6.9	8.08	3.6	2.35
1261	6/28/2007 14:46	17.49	51.181	33.67	7.75	8.14	3.8	2.31
1262	6/28/2007 15:01	17.83	51.226	33.71	8.04	8.18	3.1	2.27
1263	6/28/2007 15:16	17.82	51.212	33.7	8.02	8.17	3.7	2.22
1264	6/28/2007 15:31	17.95	51.243	33.72	7.92	8.18	2.2	2.19
1265	6/28/2007 15:46	18.2	51.297	33.76	8.38	8.22	3.3	2.14
1266	6/28/2007 16:01	18.32	51.295	33.76	8.27	8.21	2.2	2.12
1267	6/28/2007 16:16	18.29	51.292	33.76	7.72	8.18	1.5	2.09
1268	6/28/2007 16:31	18.31	51.309	33.77	7.24	8.16	1.1	2.07
1269	6/28/2007 16:46	18.25	51.278	33.75	8.39	8.21	3.9	2.07
1270	6/28/2007 17:01	18.22	51.302	33.76	8.44	8.21	4.4	2.07
1271	6/28/2007 17:16	18.06	51.285	33.75	8.14	8.19	5.2	2.09
1272	6/28/2007 17:31	17.98	51.278	33.74	7.95	8.17	5.4	2.10
1273	6/28/2007 17:46	17.96	51.294	33.76	7.67	8.15	5.2	2.13
1274	6/28/2007 18:01	17.83	51.29	33.75	7.59	8.14	5.5	2.16
1275	6/28/2007 18:16	17.63	51.285	33.75	7.41	8.12	6.3	2.21
1276	6/28/2007 18:31	17.49	51.271	33.74	7.15	8.09	10.4	2.26
1277	6/28/2007 18:46	16.85	51.224	33.69	6.65	8.02	10.4	2.30
1278	6/28/2007 19:01	16.28	51.169	33.65	6.17	7.95	11.0	2.38
1279	6/28/2007 19:16	16.13	51.166	33.64	6.03	7.94	9.4	2.44
1280	6/28/2007 19:31	15.58	51.147	33.62	5.7	7.9	10.2	2.49
1281	6/28/2007 19:46	15.32	51.114	33.59	5.61	7.89	11.6	2.56
1282	6/28/2007 20:01	15.09	51.118	33.58	5.6	7.88	10.4	2.63
1283	6/28/2007 20:16	14.47	51.118	33.57	5.39	7.85	10.7	2.69
1284	6/28/2007 20:31	14.13	51.106	33.55	5.26	7.83	11.5	2.76
1285	6/28/2007 20:46	13.75	51.108	33.54	5.53	7.85	10.4	2.83
1286	6/28/2007 21:01	13.49	51.107	33.53	5.91	7.88	10.2	2.90
1287	6/28/2007 21:16	13.45	51.123	33.54	5.96	7.88	8.4	2.96
1288	6/28/2007 21:31	13.05	51.104	33.51	6.25	7.9	8.3	3.01
1289	6/28/2007 21:46	12.78	51.079	33.48	6.56	7.91	7.2	3.08
1290	6/28/2007 22:01	12.54	51.087	33.47	6.73	7.92	6.5	3.13
1291	6/28/2007 22:16	12.22	51.099	33.47	6.97	7.93	4.9	3.16
1292	6/28/2007 22:31	12.14	51.118	33.48	6.98	7.93	4.3	3.20
1293	6/28/2007 22:46	12.07	51.091	33.45	7.06	7.94	3.8	3.24
1294	6/28/2007 23:01	12.03	51.081	33.44	7.12	7.94	3.8	3.25
1295	6/28/2007 23:16	12.13	51.106	33.47	6.78	7.93	3.3	3.24

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
1296	6/28/2007 23:31	12.11	51.087	33.45	6.78	7.93	2.9	3.23
1297	6/28/2007 23:46	12.04	51.084	33.45	6.88	7.93	2.2	3.21
1298	6/29/2007 00:01	12.21	51.035	33.42	6.81	7.93	2.9	3.15
1299	6/29/2007 00:16	12.82	51.044	33.45	6.44	7.91	4.5	3.09
1300	6/29/2007 00:31	13.4	50.999	33.44	6.22	7.92	5.2	3.01
1301	6/29/2007 00:46	13.88	51.046	33.5	5.93	7.91	5.8	2.92
1302	6/29/2007 01:01	14.49	51.001	33.48	5.67	7.9	6.2	2.82
1303	6/29/2007 01:16	15.04	50.996	33.49	5.77	7.94	7.4	2.71
1304	6/29/2007 01:31	15.53	51.144	33.61	5.82	7.97	5.9	2.60
1305	6/29/2007 01:46	16.08	51.01	33.53	5.8	8.01	6.8	2.49
1306	6/29/2007 02:01	16.29	51.176	33.65	5.88	8.02	6.0	2.37
1307	6/29/2007 02:16	16.72	51.249	33.71	6.09	8.07	6.3	2.26
1308	6/29/2007 02:31	17.07	51.235	33.7	6.31	8.11	8.0	2.13
1309	6/29/2007 02:46	17.28	51.244	33.71	6.47	8.18	6.8	2.00
1310	6/29/2007 03:01	17.49	51.299	33.76	6.63	8.18	10.2	1.88
1311	6/29/2007 03:16	17.45	51.296	33.75	6.48	8.17	8.5	1.74
1312	6/29/2007 03:31	17.39	51.296	33.75	6.36	8.16	9.6	1.61
1313	6/29/2007 03:46	17.33	51.301	33.76	6.28	8.12	9.8	1.47
1314	6/29/2007 04:01	17.54	51.306	33.76	6.17	8.12	10.9	1.32
1315	6/29/2007 04:16	17.62	51.342	33.79	6.23	8.11	9.1	1.19
1316	6/29/2007 04:31	17.97	51.371	33.81	6.38	8.13	8.6	1.08
1317	6/29/2007 04:46	18.23	51.444	33.87	6.44	8.15	10.3	0.95
1318	6/29/2007 05:01	18.64	51.464	33.89	6.58	8.18	8.4	0.85
1319	6/29/2007 05:16	18.65	51.42	33.85	6.43	8.17	7.2	0.79
1320	6/29/2007 05:31	18.94	51.513	33.92	6.51	8.2	7.1	0.73
1321	6/29/2007 05:46	18.92	51.523	33.93	6.27	8.2	3.6	0.70
1322	6/29/2007 06:01	18.68	51.571	33.96	6.17	8.17	5.3	0.70
1323	6/29/2007 06:16	19.03	51.566	33.96	6.78	8.22	4.9	0.73
1324	6/29/2007 06:31	19.04	51.595	33.98	7.05	8.24	7.5	0.77
1325	6/29/2007 06:46	19.03	51.571	33.97	7.07	8.24	6.8	0.82
1326	6/29/2007 07:01	19.03	51.557	33.95	7.11	8.24	7.2	0.86
1327	6/29/2007 07:16	19.03	51.569	33.96	7.15	8.25	7.2	0.95
1328	6/29/2007 07:31	18.98	51.553	33.95	7.16	8.24	9.4	1.01
1329	6/29/2007 07:46	18.85	51.355	33.81	6.93	8.21	10.5	1.06
1330	6/29/2007 08:01	18.85	51.329	33.79	6.86	8.2	11.2	1.14
1331	6/29/2007 08:16	18.87	51.264	33.74	6.83	8.19	19.8	1.23
1332	6/29/2007 08:31	18.8	51.28	33.75	6.8	8.19	13.2	1.29
1333	6/29/2007 08:46	18.69	51.31	33.77	6.82	8.19	26.9	1.38
1334	6/29/2007 09:01	18.57	51.327	33.78	6.86	8.19	47.7	1.47
1335	6/29/2007 09:16	18.34	51.357	33.8	6.84	8.18	16.4	1.56
1336	6/29/2007 09:31	18.22	51.361	33.81	6.8	8.17	24.2	1.66
1337	6/29/2007 09:46	18.09	51.376	33.82	6.77	8.16	16.6	1.75
1338	6/29/2007 10:01	17.92	51.35	33.8	6.71	8.13	12.3	1.84
1339	6/29/2007 10:16	17.8	51.374	33.81	6.59	8.1	12.7	1.94
1340	6/29/2007 10:31	17.72	51.36	33.8	6.48	8.09	11.0	2.02
1341	6/29/2007 10:46	17.58	51.342	33.79	6.41	8.07	11.8	2.10
1342	6/29/2007 11:01	17.28	51.289	33.75	6.3	8.04	12.9	2.19
1343	6/29/2007 11:16	17.09	51.276	33.74	6.25	8.03	12.6	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	
1344	6/29/2007 11:31	16.78	51.225	33.69	6.16	8.01	10.6	2.31	
1345	6/29/2007 11:46	16.51	51.188	33.66	6.07	7.99	10.6	2.38	
1346	6/29/2007 12:01	16.28	51.178	33.65	5.95	7.97	9.3	2.43	
1347	6/29/2007 12:16	16.21	51.161	33.64	5.85	7.95	8.0	2.48	
1348	6/29/2007 12:31	16.06	51.137	33.62	5.74	7.94	7.5	2.53	
1349	6/29/2007 12:46	15.63	51.163	33.63	5.63	7.92	7.2	2.55	
1350	6/29/2007 13:01	15.16	51.141	33.6	5.62	7.9	5.2	2.58	
1351	6/29/2007 13:16	15.14	51.129	33.59	5.49	7.89	4.3	2.61	
1352	6/29/2007 13:31	15.19	51.109	33.58	5.17	7.89	3.3	2.62	
1353	6/29/2007 13:46	15.28	51.096	33.57	5.33	7.89	5.0	2.60	
1354	6/29/2007 14:01	15.27	51.066	33.55	5.31	7.89	3.8	2.58	
1355	6/29/2007 14:16	15.59	51.088	33.57	5.37	7.9	4.7	2.54	
1356	6/29/2007 14:31	16.05	51.095	33.59	5.51	7.93	6.3	2.50	
1357	6/29/2007 14:46	16.59	51.141	33.63	6.03	7.99		2.44	
1358	6/29/2007 15:01	16.9	51.195	33.67	6.47	8.04	7.1	2.37	
1359	6/29/2007 15:16	17.56	51.188	33.68	7.24	8.11	4.7	2.33	
1360	6/29/2007 15:31	17.8	51.271	33.74	7.32	8.14	4.9	2.27	
1361	6/29/2007 15:46	18.16	51.291	33.76	7.85	8.16	4.4	2.20	
1362	6/29/2007 16:01	18.33	51.3	33.76	7.6	8.16	4.9	2.16	
1363	6/29/2007 16:16	18.38	51.316	33.78	7.29	8.14	3.3	2.14	
1364	6/29/2007 16:31	18.67	50.89	33.46	7.74	8.18	3.9	2.08	
Mean		15.87	51.21	33.66	6.71	8.01	10.0	2.09	
Standard Dev.		1.76	0.12	0.11	0.90	0.13	6.5	0.63	

Values in bold red type indicate exceedance of established applicable criteria

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

sonde #4		Indian Island Long-Term Deployment				Water Quality Data		TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	6/29/2007 16:46	18.72	52.656	34.77	7.63	8.08		2.13
1	6/29/2007 17:01	18.94	52.613	34.73	8.01	8.14	4.8	2.10
2	6/29/2007 17:16	19.03	52.612	34.73	7.87	8.15	2.5	2.10
3	6/29/2007 17:31	19.02	52.54	34.68	9.45	8.2	5.2	2.10
4	6/29/2007 17:46	18.84	52.535	34.68	8.81	8.17	6.1	2.09
5	6/29/2007 18:01	18.96	52.56	34.7	8.63	8.18	5.5	2.11
6	6/29/2007 18:16	18.97	52.568	34.7	8.36	8.16	5.5	2.14
7	6/29/2007 18:31	18.95	52.536	34.68	8.46	8.16	7.7	2.17
8	6/29/2007 18:46	18.85	52.513	34.66	8.38	8.15	7.4	2.22
9	6/29/2007 19:01	18.43	52.467	34.62	7.94	8.11	7.6	2.27
10	6/29/2007 19:16	18.73	52.462	34.62	8.26	8.13	7.5	2.33
11	6/29/2007 19:31	18.06	52.461	34.62	7.59	8.07	8.7	2.39
12	6/29/2007 19:46	17.7	52.37	34.55	7.35	8.05	8.7	2.45
13	6/29/2007 20:01	17.29	52.371	34.55	6.98	8.01	8.0	2.52
14	6/29/2007 20:16	16.5	52.302	34.48	6.7	7.96	8.1	2.58
15	6/29/2007 20:31	15.74	52.24	34.42	6.41	7.92	10.3	2.66
16	6/29/2007 20:46	15.48	52.243	34.42	6.56	7.92	9.8	2.73
17	6/29/2007 21:01	15.15	52.224	34.4	6.58	7.91	11.8	2.80
18	6/29/2007 21:16	14.87	52.211	34.38	6.54	7.9	11.6	2.88
19	6/29/2007 21:31	14.58	52.19	34.36	6.74	7.91	12.1	2.96
20	6/29/2007 21:46	14.11	52.166	34.33	7.27	7.94	11.8	3.03
21	6/29/2007 22:01	13.89	52.152	34.31	7.55	7.95	10.2	3.10
22	6/29/2007 22:16	13.65	52.128	34.28	7.78	7.97	9.7	3.17
23	6/29/2007 22:31	13.44	52.116	34.26	8.02	7.98	9.2	3.25
24	6/29/2007 22:46	13.28	52.098	34.24	8.3	8	8.6	3.30
25	6/29/2007 23:01	13.19	52.085	34.23	8.49	8.01	6.3	3.34
26	6/29/2007 23:16	13.09	52.059	34.21	8.72	8.03	5.2	3.38
27	6/29/2007 23:31	13.02	52.066	34.21	8.82	8.03	4.7	3.42
28	6/29/2007 23:46	13.26	52.092	34.24	8.1	8.01	2.8	3.41
29	6/30/2007 00:01	13.35	52.077	34.23	8.2	8	5.8	3.39
30	6/30/2007 00:16	13.11	52.064	34.21	8.74	8.03	4.3	3.37
31	6/30/2007 00:31	13.25	52.083	34.23	8.69	8.03	5.4	3.31
32	6/30/2007 00:46	13.81	52.121	34.28	8.05	8.01	5.6	3.25
33	6/30/2007 01:01	14.6	52.146	34.33	7.15	7.96	6.3	3.15
34	6/30/2007 01:16	14.96	52.219	34.39	7.29	7.99	9.7	3.06
35	6/30/2007 01:31	15.01	52.137	34.33	7.41	7.99	9.5	2.96
36	6/30/2007 01:46	15.1	52.198	34.38	7.48	8	8.5	2.86
37	6/30/2007 02:01	15.36	52.242	34.42	7.3	7.99	7.4	2.73
38	6/30/2007 02:16	15.96	52.264	34.45	7.16	8	10.7	2.62
39	6/30/2007 02:31	16.7	52.317	34.5	7.32	8.04	9.7	2.51
40	6/30/2007 02:46	17.03	52.353	34.53	7.43	8.06	9.3	2.39
41	6/30/2007 03:01	17.06	52.36	34.53	7.37	8.06	8.8	2.26
42	6/30/2007 03:16	17.26	52.38	34.55	7.28	8.08	8.7	2.13
43	6/30/2007 03:31	17.23	52.385	34.55	7.14	8.07	9.2	2.00
44	6/30/2007 03:46	17.41	52.4	34.57	7.11	8.08	9.4	1.87
45	6/30/2007 04:01	17.47	52.408	34.57	7.02	8.07	10.5	1.72
46	6/30/2007 04:16	17.35	52.423	34.58	6.66	8.04	11.7	1.56
47	6/30/2007 04:31	17.58	52.446	34.6	6.72	8.04	11.4	1.43

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	6/30/2007 04:46	17.85	52.452	34.61	6.82	8.05	10.4	1.28
49	6/30/2007 05:01	18.1	52.459	34.62	6.89	8.06	9.1	1.13
50	6/30/2007 05:16	18.3	52.514	34.66	6.93	8.07	8.8	1.00
51	6/30/2007 05:31	18.48	52.534	34.68	6.92	8.08	7.5	0.90
52	6/30/2007 05:46	18.85	52.59	34.72	7.12	8.11	6.7	0.80
53	6/30/2007 06:01	18.72	52.583	34.71	6.72	8.08	4.7	0.73
54	6/30/2007 06:16	19.06	52.597	34.72	6.81	8.12	3.9	0.67
55	6/30/2007 06:31	18.95	52.738	34.83	6.76	8.1	6.2	0.67
56	6/30/2007 06:46	19.12	52.671	34.78	7.26	8.14	7.0	0.69
57	6/30/2007 07:01	18.85	52.602	34.73	7.22	8.12	8.4	0.73
58	6/30/2007 07:16	19.15	52.662	34.77	7.43	8.15	6.4	0.80
59	6/30/2007 07:31	19.31	52.657	34.77	7.75	8.18	6.4	0.86
60	6/30/2007 07:46	19.34	52.65	34.76	7.89	8.19	6.4	0.92
61	6/30/2007 08:01	19.32	52.649	34.76	7.84	8.18	6.5	0.98
62	6/30/2007 08:16	19.36	52.51	34.66	7.81	8.18	7.8	1.06
63	6/30/2007 08:31	19.37	52.439	34.61	7.67	8.17	8.9	1.12
64	6/30/2007 08:46	19.31	52.453	34.62	7.63	8.16	9.4	1.20
65	6/30/2007 09:01	19.31	52.414	34.59	7.57	8.16	9.4	1.27
66	6/30/2007 09:16	19.2	52.462	34.62	7.58	8.15	10.5	1.36
67	6/30/2007 09:31	18.98	52.465	34.63	7.55	8.14	9.4	1.45
68	6/30/2007 09:46	18.74	52.481	34.64	7.47	8.13	10.2	1.54
69	6/30/2007 10:01	18.62	52.488	34.64	7.47	8.12	10.7	1.64
70	6/30/2007 10:16	18.5	52.481	34.64	7.42	8.11	10.7	1.74
71	6/30/2007 10:31	18.15	52.467	34.62	7.13	8.07	13.4	1.84
72	6/30/2007 10:46	18.03	52.463	34.62	7.01	8.06	11.7	1.93
73	6/30/2007 11:01	17.86	52.452	34.61	6.94	8.04	10.8	2.03
74	6/30/2007 11:16	17.85	52.452	34.61	6.9	8.04	11.9	2.12
75	6/30/2007 11:31	17.69	52.436	34.6	6.88	8.03	11.8	2.20
76	6/30/2007 11:46	17.49	52.406	34.57	6.84	8.02	12.8	2.28
77	6/30/2007 12:01	17.2	52.363	34.54	6.73	8	11.1	2.36
78	6/30/2007 12:16	16.9	52.272	34.47	6.53	7.97	12.8	2.42
79	6/30/2007 12:31	16.55	52.278	34.47	6.08	7.93	10.9	2.49
80	6/30/2007 12:46	16.35	52.257	34.45	5.51	7.88	9.1	2.54
81	6/30/2007 13:01	15.9	52.208	34.4	5.25	7.85	8.5	2.59
82	6/30/2007 13:16	15.29	52.19	34.38	5.79	7.87	8.9	2.64
83	6/30/2007 13:31	15.01	52.152	34.34	6.07	7.89	6.1	2.67
84	6/30/2007 13:46	14.97	52.15	34.34	6.04	7.88	4.7	2.69
85	6/30/2007 14:01	14.89	52.148	34.34	5.72	7.85	1.9	2.72
86	6/30/2007 14:16	15.13	52.155	34.35	5.2	7.85	2.5	2.73
87	6/30/2007 14:31	15.06	52.145	34.34	5.24	7.84	3.6	2.71
88	6/30/2007 14:46	15.06	52.152	34.34	5.8	7.87	4.9	2.67
89	6/30/2007 15:01	15.6	52.189	34.38	5.64	7.87	6.3	2.62
90	6/30/2007 15:16	16.31	52.238	34.43	5.68	7.89	6.9	2.58
91	6/30/2007 15:31	16.92	52.287	34.48	6.19	7.95	7.0	2.51
92	6/30/2007 15:46	17.55	52.313	34.5	7.38	8.05	7.5	2.43
93	6/30/2007 16:01	17.75	52.339	34.53	7.56	8.06	7.4	2.37
94	6/30/2007 16:16	18.31	52.378	34.56	8.47	8.13	6.1	2.31
95	6/30/2007 16:31	18.43	52.403	34.58	8.19	8.11	5.2	2.25

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	6/30/2007 16:46	18.49	52.424	34.59	8.09	8.11	4.7	2.19
97	6/30/2007 17:01	18.81	52.451	34.61	8.24	8.13	4.2	2.14
98	6/30/2007 17:16	19.09	52.485	34.64	8.29	8.14	3.3	2.10
99	6/30/2007 17:31	19.25	52.489	34.64	8.3	8.14	3.0	2.08
100	6/30/2007 17:46	19.38	52.488	34.64	8.12	8.14	3.0	2.04
101	6/30/2007 18:01	19.58	52.459	34.62	9.37	8.21	2.4	2.03
102	6/30/2007 18:16	19.48	52.458	34.62	9.6	8.21	3.7	2.03
103	6/30/2007 18:31	19.45	52.491	34.64	9.45	8.2	5.3	2.05
104	6/30/2007 18:46	19.52	52.507	34.66	9.19	8.19	4.4	2.06
105	6/30/2007 19:01	19.35	52.473	34.63	9.16	8.18	4.9	2.09
106	6/30/2007 19:16	19.39	52.488	34.64	9.28	8.19	5.8	2.15
107	6/30/2007 19:31	19.12	52.472	34.63	8.93	8.16	10.3	2.20
108	6/30/2007 19:46	18.87	52.447	34.61	8.62	8.14	8.1	2.25
109	6/30/2007 20:01	19.08	52.436	34.6	8.76	8.15	8.5	2.30
110	6/30/2007 20:16	18.54	52.394	34.57	8.27	8.11	8.3	2.37
111	6/30/2007 20:31	17.97	52.333	34.52	7.71	8.06	10.0	2.45
112	6/30/2007 20:46	17.54	52.304	34.5	7.37	8.03	10.2	2.50
113	6/30/2007 21:01	16.69	52.253	34.45	7.06	7.99	9.3	2.57
114	6/30/2007 21:16	16.23	52.207	34.41	6.99	7.97	10.3	2.65
115	6/30/2007 21:31	15.59	52.179	34.38	7.05	7.96	11.6	2.72
116	6/30/2007 21:46	15.37	52.164	34.36	7.06	7.96	9.2	2.80
117	6/30/2007 22:01	15.23	52.145	34.34	7.08	7.95	10.3	2.87
118	6/30/2007 22:16	14.93	52.124	34.32	7.2	7.96	10.8	2.96
119	6/30/2007 22:31	14.54	52.103	34.29	7.42	7.97	11.6	3.04
120	6/30/2007 22:46	14.24	52.082	34.27	7.38	7.96	11.4	3.10
121	6/30/2007 23:01	14.01	52.059	34.24	7.68	7.98	11.0	3.18
122	6/30/2007 23:16	13.83	52.062	34.24	7.96	7.99	9.7	3.25
123	6/30/2007 23:31	13.58	52.042	34.22	8.21	8.01	8.6	3.30
124	6/30/2007 23:46	13.43	52.033	34.2	8.5	8.03	6.7	3.34
125	7/1/2007 00:01	13.4	52.027	34.2	8.8	8.05	4.6	3.38
126	7/1/2007 00:16	13.24	52.021	34.19	8.96	8.06	3.4	3.41
127	7/1/2007 00:31	13.72	51.961	34.16	7.97	8.01	6.1	3.41
128	7/1/2007 00:46	13.59	52.054	34.22	8.08	8.01	2.5	3.40
129	7/1/2007 01:01	13.36	52.031	34.2	8.73	8.05	3.7	3.36
130	7/1/2007 01:16	13.44	52.031	34.2	8.5	8.04	5.8	3.31
131	7/1/2007 01:31	14.4	52.128	34.31	7.74	8	5.3	3.22
132	7/1/2007 01:46	14.97	52.185	34.36	7.16	7.98	6.4	3.14
133	7/1/2007 02:01	15.16	52.182	34.37	7.15	7.98	6.4	3.04
134	7/1/2007 02:16	15.47	52.158	34.36	7.17	7.99	8.3	2.93
135	7/1/2007 02:31	15.49	52.168	34.37	7.32	8	9.2	2.82
136	7/1/2007 02:46	15.89	52.209	34.4	7.34	8.02	8.7	2.69
137	7/1/2007 03:01	16.55	52.268	34.46	7.39	8.03	11.1	2.58
138	7/1/2007 03:16	17.12	52.327	34.51	7.52	8.06	10.0	2.46
139	7/1/2007 03:31	17.38	52.347	34.53	7.52	8.08	7.1	2.34
140	7/1/2007 03:46	17.43	52.355	34.53	7.41	8.07	7.8	2.21
141	7/1/2007 04:01	17.23	52.31	34.5	7.18	8.06	8.0	2.06
142	7/1/2007 04:16	16.98	52.312	34.5	7.06	8.04	9.1	1.93
143	7/1/2007 04:31	17.19	52.355	34.53	6.9	8.04	11.9	1.79

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	7/1/2007 04:46	17.44	52.358	34.54	6.97	8.05	13.0	1.64
145	7/1/2007 05:01	17.6	52.377	34.55	7.08	8.05	11.8	1.49
146	7/1/2007 05:16	17.91	52.412	34.58	7.04	8.07	12.9	1.34
147	7/1/2007 05:31	18.12	52.435	34.6	7.23	8.07	11.1	1.20
148	7/1/2007 05:46	18.57	52.5	34.65	7.36	8.1	10.5	1.05
149	7/1/2007 06:01	18.79	52.517	34.66	7.37	8.11	8.2	0.93
150	7/1/2007 06:16	18.99	52.588	34.72	7.37	8.12	10.5	0.82
151	7/1/2007 06:31	19.06	52.603	34.73	7.29	8.12	6.8	0.72
152	7/1/2007 06:46	19.11	52.62	34.74	7.18	8.11	6.6	0.66
153	7/1/2007 07:01	19.47	52.663	34.77	7.41	8.16	3.1	0.63
154	7/1/2007 07:16	19.27	52.646	34.76	7.55	8.16	7.4	0.65
155	7/1/2007 07:31	19.78	52.73	34.82	8.07	8.22	5.8	0.67
156	7/1/2007 07:46	19.8	52.738	34.83	8.31	8.22	6.2	0.74
157	7/1/2007 08:01	19.73	52.726	34.82	8.19	8.22	6.4	0.78
158	7/1/2007 08:16	19.73	52.691	34.79	8.4	8.22	6.4	0.85
159	7/1/2007 08:31	19.72	52.672	34.78	8.44	8.22	6.6	0.91
160	7/1/2007 08:46	19.69	52.662	34.77	8.48	8.22	6.4	0.97
161	7/1/2007 09:01	19.79	52.553	34.69	8.16	8.2	12.2	1.04
162	7/1/2007 09:16	19.81	52.505	34.65	7.98	8.19	8.5	1.10
163	7/1/2007 09:31	19.87	52.465	34.62	7.88	8.18	9.7	1.20
164	7/1/2007 09:46	19.64	52.515	34.66	7.87	8.18	10.5	1.28
165	7/1/2007 10:01	19.47	52.49	34.64	7.89	8.17	10.6	1.37
166	7/1/2007 10:16	19.18	52.498	34.65	7.85	8.15	11.0	1.48
167	7/1/2007 10:31	19.02	52.503	34.65	7.81	8.15	11.8	1.58
168	7/1/2007 10:46	18.86	52.498	34.65	7.74	8.13	12.7	1.68
169	7/1/2007 11:01	18.55	52.454	34.62	7.54	8.11	13.0	1.78
170	7/1/2007 11:16	18.28	52.444	34.61	7.31	8.07	12.8	1.89
171	7/1/2007 11:31	18.19	52.437	34.6	7.25	8.06	12.8	1.99
172	7/1/2007 11:46	18.11	52.432	34.6	7.18	8.05	11.7	2.08
173	7/1/2007 12:01	18.05	52.423	34.59	7.12	8.05	11.9	2.16
174	7/1/2007 12:16	17.85	52.402	34.57	7.06	8.03	11.5	2.26
175	7/1/2007 12:31	17.51	52.35	34.53	6.79	8.01	13.8	2.34
176	7/1/2007 12:46	17.27	52.312	34.5	5.62	7.93	15.2	2.40
177	7/1/2007 13:01	17	52.263	34.46	5.23	7.89	11.0	2.47
178	7/1/2007 13:16	16.65	52.232	34.43	5.73	7.91	13.1	2.53
179	7/1/2007 13:31	16.2	52.181	34.39	6.12	7.92	11.4	2.59
180	7/1/2007 13:46	15.82	52.145	34.36	6.35	7.93	11.1	2.63
181	7/1/2007 14:01	15.51	52.129	34.34	6.65	7.94	7.5	2.67
182	7/1/2007 14:16	15.31	52.114	34.32	6.85	7.95	7.1	2.71
183	7/1/2007 14:31	15.24	52.111	34.32	6.87	7.95	5.5	2.73
184	7/1/2007 14:46	15.6	52.011	34.25	6.61	7.95	5.2	2.74
185	7/1/2007 15:01	15.39	52.114	34.32	6.65	7.95	5.9	2.72
186	7/1/2007 15:16	15.41	52.113	34.32	6.65	7.94	27.8	2.71
187	7/1/2007 15:31	15.58	52.122	34.33	6.51	7.94	4.8	2.67
188	7/1/2007 15:46	16.36	52.179	34.39	6.51	7.96	7.8	2.59
189	7/1/2007 16:01	17.06	52.206	34.42	6.61	7.98	7.4	2.54
190	7/1/2007 16:16	17.73	52.289	34.49	7.43	8.05	7.2	2.46
191	7/1/2007 16:31	18.05	52.284	34.49	7.5	8.06	7.3	2.39

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	7/1/2007 16:46	18.34	52.327	34.52	7.74	8.08	6.6	2.33
193	7/1/2007 17:01	18.81	52.334	34.53	8.14	8.13	6.9	2.26
194	7/1/2007 17:16	18.89	52.395	34.57	8.38	8.14	5.8	2.20
195	7/1/2007 17:31	19.17	52.357	34.55	8.24	8.13	5.3	2.15
196	7/1/2007 17:46	19.37	52.446	34.61	8.38	8.16	4.8	2.10
197	7/1/2007 18:01	19.53	52.466	34.63	8.51	8.16	4.0	2.07
198	7/1/2007 18:16	19.71	52.494	34.65	8.76	8.18	3.8	2.02
199	7/1/2007 18:31	19.89	52.498	34.65	9.13	8.21	2.9	2.01
200	7/1/2007 18:46	19.88	52.451	34.61	9.45	8.22	4.7	2.00
201	7/1/2007 19:01	19.9	52.45	34.61	9.75	8.23	5.6	1.99
202	7/1/2007 19:16	19.86	52.506	34.66	9.58	8.22	5.7	2.01
203	7/1/2007 19:31	19.84	52.501	34.65	9.42	8.21	5.1	2.02
204	7/1/2007 19:46	19.74	52.491	34.64	9.37	8.2	6.5	2.06
205	7/1/2007 20:01	19.78	52.5	34.65	9.57	8.22	6.4	2.11
206	7/1/2007 20:16	19.59	52.478	34.64	9.25	8.19	8.3	2.15
207	7/1/2007 20:31	19.37	52.453	34.62	8.94	8.17	8.9	2.21
208	7/1/2007 20:46	19.64	52.444	34.61	8.99	8.18	9.9	2.28
209	7/1/2007 21:01	19.04	52.404	34.58	8.53	8.13	10.9	2.35
210	7/1/2007 21:16	18.62	52.362	34.55	8.07	8.1	10.2	2.41
211	7/1/2007 21:31	18.03	52.277	34.48	7.56	8.05	10.3	2.48
212	7/1/2007 21:46	17.35	52.241	34.45	7.12	8.01	9.7	2.56
213	7/1/2007 22:01	16.85	52.213	34.42	6.97	7.99	10.8	2.63
214	7/1/2007 22:16	16.15	52.172	34.38	6.77	7.96	9.2	2.70
215	7/1/2007 22:31	16.01	52.165	34.37	6.69	7.96	8.7	2.78
216	7/1/2007 22:46	15.77	52.155	34.36	6.64	7.95	10.5	2.86
217	7/1/2007 23:01	15.14	52.118	34.32	6.51	7.93	10.6	2.93
218	7/1/2007 23:16	14.78	52.101	34.3	6.64	7.94	10.7	3.01
219	7/1/2007 23:31	14.43	52.088	34.28	6.83	7.95	10.7	3.08
220	7/1/2007 23:46	14.14	52.069	34.25	7.09	7.96	13.8	3.16
221	7/2/2007 00:01	13.78	52.076	34.25	7.37	7.97	9.2	3.22
222	7/2/2007 00:16	13.7	52.086	34.25	7.45	7.98	8.9	3.28
223	7/2/2007 00:31	13.54	52.079	34.24	7.61	7.98	6.7	3.33
224	7/2/2007 00:46	13.4	52.071	34.23	7.8	8	4.9	3.36
225	7/2/2007 01:01	13.2	52.072	34.22	7.83	8	3.8	3.39
226	7/2/2007 01:16	13.53	51.968	34.16	7.26	7.97	3.0	3.39
227	7/2/2007 01:31	13.52	52.047	34.22	7.53	7.98	5.2	3.37
228	7/2/2007 01:46	13.27	52.106	34.25	7.8	7.99	4.8	3.33
229	7/2/2007 02:01	14.25	52.625	34.67	7.22	7.97	7.7	3.28
230	7/2/2007 02:16	14.61	52.216	34.38	6.94	7.96	7.1	3.21
231	7/2/2007 02:31	14.85	52.365	34.49	6.86	7.96	7.1	3.11
232	7/2/2007 02:46	15.04	52.153	34.34	6.67	7.96	7.7	3.02
233	7/2/2007 03:01	15.52	52.274	34.44	6.68	7.97	8.7	2.91
234	7/2/2007 03:16	15.78	52.23	34.42	6.77	7.98	9.2	2.80
235	7/2/2007 03:31	16.41	52.241	34.44	6.79	8	8.0	2.67
236	7/2/2007 03:46	16.98	52.308	34.49	6.85	8.01	12.1	2.55
237	7/2/2007 04:01	17.52	52.368	34.55	6.89	8.04	9.6	2.43
238	7/2/2007 04:16	17.74	52.389	34.56	7.04	8.05	8.6	2.31
239	7/2/2007 04:31	17.86	52.433	34.6	7.06	8.06	9.9	2.17

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	7/2/2007 04:46	17.62	52.404	34.57	6.94	8.03	8.9	2.02
241	7/2/2007 05:01	17.83	52.404	34.57	7.08	8.06	13.0	1.89
242	7/2/2007 05:16	17.75	52.419	34.59	6.96	8.05	13.6	1.76
243	7/2/2007 05:31	17.74	52.417	34.58	6.93	8.04	15.5	1.59
244	7/2/2007 05:46	17.86	52.431	34.6	6.8	8.04	15.5	1.45
245	7/2/2007 06:01	18.06	52.423	34.59	6.83	8.05	13.9	1.30
246	7/2/2007 06:16	18.36	52.475	34.63	7.15	8.08	11.8	1.16
247	7/2/2007 06:31	18.55	52.516	34.66	7.17	8.09	10.2	1.02
248	7/2/2007 06:46	18.98	52.548	34.69	7.55	8.14	9.9	0.88
249	7/2/2007 07:01	18.88	52.574	34.71	7.4	8.12	9.1	0.79
250	7/2/2007 07:16	19.29	52.644	34.76	7.67	8.16	6.3	0.69
251	7/2/2007 07:31	19.27	52.633	34.75	6.99	8.12	3.2	0.62
252	7/2/2007 07:46	19.22	52.63	34.75	6.55	8.11	2.8	0.62
253	7/2/2007 08:01	19.35	52.677	34.78	7.73	8.17	6.9	0.63
254	7/2/2007 08:16	19.84	52.765	34.85	8.12	8.22	6.3	0.69
255	7/2/2007 08:31	19.89	52.774	34.85	8.23	8.22	5.8	0.76
256	7/2/2007 08:46	19.85	52.751	34.84	8.27	8.22	6.3	0.83
257	7/2/2007 09:01	19.89	52.741	34.83	8.32	8.23	6.6	0.88
258	7/2/2007 09:16	19.95	52.726	34.82	8.39	8.23	7.4	0.95
259	7/2/2007 09:31	19.96	52.712	34.81	8.44	8.23	8.0	1.04
260	7/2/2007 09:46	20.17	52.628	34.74	7.92	8.2	10.7	1.09
261	7/2/2007 10:01	19.96	52.63	34.75	7.92	8.2	9.7	1.16
262	7/2/2007 10:16	19.89	52.594	34.72	7.86	8.19	10.2	1.27
263	7/2/2007 10:31	19.9	52.507	34.66	7.7	8.18	10.7	1.35
264	7/2/2007 10:46	19.58	52.56	34.7	7.79	8.17	11.2	1.45
265	7/2/2007 11:01	19.23	52.551	34.69	7.72	8.15	11.8	1.55
266	7/2/2007 11:16	19.15	52.534	34.68	7.66	8.14	11.2	1.67
267	7/2/2007 11:31	18.87	52.47	34.63	7.49	8.12	13.2	1.78
268	7/2/2007 11:46	18.76	52.445	34.61	7.3	8.09	13.0	1.87
269	7/2/2007 12:01	18.61	52.454	34.62	7.16	8.07	13.3	1.97
270	7/2/2007 12:16	18.48	52.378	34.56	7.11	8.06	12.7	2.08
271	7/2/2007 12:31	18.46	52.396	34.57	7	8.05	12.8	2.17
272	7/2/2007 12:46	18.34	52.305	34.5	6.89	8.03	12.2	2.25
273	7/2/2007 13:01	18.12	52.226	34.45	6.73	8.02	14.5	2.34
274	7/2/2007 13:16	17.65	52.204	34.43	5.95	7.96	18.0	2.41
275	7/2/2007 13:31	17.34	52.153	34.38	5.27	7.9	14.5	2.48
276	7/2/2007 13:46	17.03	52.128	34.36	5.46	7.91	13.3	2.55
277	7/2/2007 14:01	16.3	52.078	34.31	6.01	7.92	14.0	2.61
278	7/2/2007 14:16	15.95	52.062	34.3	6.2	7.93	11.1	2.67
279	7/2/2007 14:31	15.52	52.03	34.26	6.53	7.94	8.9	2.72
280	7/2/2007 14:46	15.46	51.993	34.24	6.6	7.95	7.4	2.75
281	7/2/2007 15:01	15.28	52.004	34.24	6.68	7.95	6.4	2.79
282	7/2/2007 15:16	15.22	51.98	34.22	6.61	7.95	5.0	2.81
283	7/2/2007 15:31	15.68	52.066	34.29	6.05	7.92	3.4	2.81
284	7/2/2007 15:46	15.48	52.018	34.25	6.14	7.92	3.8	2.79
285	7/2/2007 16:01	15.44	51.988	34.23	6.36	7.93	4.1	2.76
286	7/2/2007 16:16	15.78	52.008	34.25	6.28	7.93	8.1	2.70
287	7/2/2007 16:31	16.82	52.088	34.33	6.48	7.97	9.7	2.62

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	7/2/2007 16:46	17.27	52.117	34.36	6.55	7.99	9.4	2.57
289	7/2/2007 17:01	18.12	52.132	34.38	7.53	8.06	9.5	2.48
290	7/2/2007 17:16	18.49	52.167	34.4	7.52	8.09	8.3	2.42
291	7/2/2007 17:31	18.86	52.16	34.4	7.85	8.11	7.4	2.34
292	7/2/2007 17:46	19.13	52.167	34.41	7.76	8.1	7.1	2.28
293	7/2/2007 18:01	19.34	52.273	34.48	8.13	8.13	5.7	2.22
294	7/2/2007 18:16	19.59	52.297	34.5	8.26	8.14	7.0	2.16
295	7/2/2007 18:31	19.77	52.326	34.52	8.33	8.16	4.4	2.11
296	7/2/2007 18:46	19.93	52.321	34.52	8.68	8.17	4.8	2.06
297	7/2/2007 19:01	20.13	52.341	34.53	8.57	8.18	3.3	2.03
298	7/2/2007 19:16	20.3	52.343	34.53	8.78	8.18	2.6	1.98
299	7/2/2007 19:31	20.42	52.333	34.52	8.76	8.2	1.9	1.97
300	7/2/2007 19:46	20.35	52.344	34.53	9.77	8.24	5.4	1.98
301	7/2/2007 20:01	20.27	52.338	34.53	9.73	8.23	5.8	1.98
302	7/2/2007 20:16	20.25	52.374	34.56	9.54	8.23	5.7	2.01
303	7/2/2007 20:31	20.22	52.396	34.57	9.49	8.22	6.7	2.04
304	7/2/2007 20:46	20.18	52.388	34.57	9.47	8.22	7.2	2.08
305	7/2/2007 21:01	20.05	52.389	34.57	9.25	8.2	8.9	2.14
306	7/2/2007 21:16	19.98	52.364	34.55	8.96	8.18	8.8	2.20
307	7/2/2007 21:31	20.1	52.385	34.57	8.9	8.18	10.2	2.27
308	7/2/2007 21:46	19.68	52.373	34.56	8.6	8.15	11.9	2.35
309	7/2/2007 22:01	19.1	52.296	34.5	8.11	8.11	10.7	2.41
310	7/2/2007 22:16	18.36	52.216	34.44	7.65	8.07	9.5	2.48
311	7/2/2007 22:31	17.87	52.174	34.4	7.34	8.04	9.1	2.56
312	7/2/2007 22:46	17.05	52.12	34.36	6.97	8	11.6	2.63
313	7/2/2007 23:01	16.48	52.094	34.33	6.88	7.98	9.7	2.70
314	7/2/2007 23:16	16.33	52.09	34.32	6.84	7.98	8.7	2.77
315	7/2/2007 23:31	15.78	52.06	34.29	7	7.98	10.0	2.85
316	7/2/2007 23:46	15.31	52.038	34.27	7.15	7.98	9.9	2.92
317	7/3/2007 00:01	14.98	52.02	34.24	7.09	7.97	11.1	3.00
318	7/3/2007 00:16	14.73	51.99	34.21	6.94	7.96	11.8	3.07
319	7/3/2007 00:31	14.34	51.998	34.21	6.96	7.95	9.6	3.14
320	7/3/2007 00:46	14.13	51.983	34.19	7.07	7.96	7.8	3.20
321	7/3/2007 01:01	13.94	51.983	34.19	7.24	7.96	6.6	3.26
322	7/3/2007 01:16	13.77	51.985	34.18	7.29	7.97	5.7	3.31
323	7/3/2007 01:31	13.64	52.013	34.2	7.39	7.97	4.2	3.33
324	7/3/2007 01:46	13.74	51.957	34.16	7.25	7.96	3.6	3.35
325	7/3/2007 02:01	14.08	51.969	34.18	6.99	7.96	3.3	3.37
326	7/3/2007 02:16	13.81	52.007	34.2	7.13	7.96	4.5	3.35
327	7/3/2007 02:31	13.62	51.969	34.16	7.43	7.97	7.0	3.30
328	7/3/2007 02:46	13.82	51.998	34.19	7.22	7.96	5.7	3.25
329	7/3/2007 03:01	14.65	51.926	34.17	6.91	7.96	7.2	3.18
330	7/3/2007 03:16	15.15	52.033	34.26	6.69	7.95	9.4	3.09
331	7/3/2007 03:31	15.6	52.014	34.25	6.6	7.95	8.6	2.97
332	7/3/2007 03:46	15.87	52.035	34.27	6.62	7.97	9.7	2.87
333	7/3/2007 04:01	16.43	52.067	34.31	6.58	7.98	8.2	2.77
334	7/3/2007 04:16	16.86	52.09	34.33	6.49	7.99	7.5	2.65
335	7/3/2007 04:31	17.4	52.135	34.37	6.41	7.99	7.2	2.53

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	7/3/2007 04:46	17.81	52.164	34.4	6.38	8	7.8	2.41
337	7/3/2007 05:01	17.98	52.2	34.42	6.33	8	6.8	2.29
338	7/3/2007 05:16	18.04	52.287	34.49	6.34	8	8.8	2.16
339	7/3/2007 05:31	18.03	52.334	34.52	6.39	8	8.3	2.01
340	7/3/2007 05:46	18.07	51.311	33.77	6.68	8.02	12.7	1.88
341	7/3/2007 06:01	18.29	52.399	34.57	6.76	8.04	11.6	1.74
342	7/3/2007 06:16	18.43	52.39	34.57	6.8	8.04	12.4	1.59
343	7/3/2007 06:31	18.61	52.394	34.57	6.82	8.05	14.2	1.44
344	7/3/2007 06:46	18.91	52.447	34.61	6.97	8.07	13.1	1.29
345	7/3/2007 07:01	19.13	52.485	34.64	7.11	8.08	13.1	1.15
346	7/3/2007 07:16	19.35	52.499	34.65	7.16	8.09	10.5	1.02
347	7/3/2007 07:31	19.52	52.549	34.69	7.25	8.11	9.9	0.89
348	7/3/2007 07:46	19.73	52.562	34.7	7.32	8.12	7.8	0.80
349	7/3/2007 08:01	19.84	52.599	34.72	7.07	8.12	5.6	0.72
350	7/3/2007 08:16	19.84	52.607	34.73	6.18	8.08	2.5	0.69
351	7/3/2007 08:31	19.64	52.607	34.73	6.72	8.1	4.7	0.69
352	7/3/2007 08:46	19.97	52.621	34.74	7.42	8.15	6.5	0.71
353	7/3/2007 09:01	20.09	52.706	34.8	7.52	8.16	6.1	0.77
354	7/3/2007 09:16	20.21	52.699	34.8	7.65	8.18	6.7	0.84
355	7/3/2007 09:31	20.27	52.692	34.79	7.8	8.18	6.5	0.90
356	7/3/2007 09:46	20.36	52.71	34.8	7.92	8.2	6.7	0.98
357	7/3/2007 10:01	20.35	52.708	34.8	7.88	8.2	6.9	1.03
358	7/3/2007 10:16	20.49	52.665	34.77	7.72	8.19	8.6	1.10
359	7/3/2007 10:31	20.61	52.603	34.72	7.45	8.18	10.6	1.19
360	7/3/2007 10:46	20.45	52.624	34.74	7.48	8.17	10.2	1.27
361	7/3/2007 11:01	20.25	52.608	34.73	7.5	8.16	11.2	1.36
362	7/3/2007 11:16	20.02	52.587	34.71	7.5	8.15	10.9	1.45
363	7/3/2007 11:31	19.77	52.537	34.68	7.44	8.13	10.8	1.56
364	7/3/2007 11:46	19.63	52.512	34.66	7.37	8.13	13.0	1.66
365	7/3/2007 12:01	19.51	52.507	34.66	7.31	8.12	12.2	1.76
366	7/3/2007 12:16	19.12	52.457	34.62	7.08	8.08	14.0	1.88
367	7/3/2007 12:31	18.95	52.454	34.62	6.94	8.06	14.5	1.96
368	7/3/2007 12:46	18.78	52.421	34.59	6.85	8.05	12.7	2.06
369	7/3/2007 13:01	18.72	52.411	34.58	6.79	8.04	13.6	2.16
370	7/3/2007 13:16	18.57	52.4	34.58	6.75	8.03	15.1	2.24
371	7/3/2007 13:31	18.39	52.358	34.54	6.79	8.03	13.7	2.33
372	7/3/2007 13:46	18.1	52.297	34.5	6.7	8.02	15.0	2.41
373	7/3/2007 14:01	17.68	52.242	34.45	6.24	7.97	16.0	2.49
374	7/3/2007 14:16	17.39	52.2	34.42	5.69	7.93	16.1	2.56
375	7/3/2007 14:31	16.62	52.185	34.4	5.81	7.92	12.4	2.62
376	7/3/2007 14:46	16.23	52.131	34.35	5.93	7.92	11.8	2.69
377	7/3/2007 15:01	15.82	52.086	34.31	6.2	7.93	12.4	2.74
378	7/3/2007 15:16	15.63	52.073	34.3	6.4	7.94	8.6	2.79
379	7/3/2007 15:31	15.57	52.07	34.29	6.41	7.94	5.9	2.81
380	7/3/2007 15:46	15.52	52.064	34.29	6.26	7.93	5.6	2.84
381	7/3/2007 16:01	15.73	52.03	34.27	6.06	7.92	4.2	2.85
382	7/3/2007 16:16	15.64	52.084	34.31	6	7.92	3.2	2.83
383	7/3/2007 16:31	15.67	52.052	34.28	6.13	7.92	3.9	2.80

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
384	7/3/2007 16:46	15.81	52.089	34.31	6.22	7.93	7.0	2.75
385	7/3/2007 17:01	16.47	52.129	34.36	6.58	7.97	8.6	2.69
386	7/3/2007 17:16	17.19	52.062	34.32	6.47	7.98	18.5	2.61
387	7/3/2007 17:31	18.11	52.218	34.44	6.85	8.04	11.1	2.53
388	7/3/2007 17:46	18.44	52.224	34.45	7.17	8.06	11.9	2.45
389	7/3/2007 18:01	18.76	52.311	34.51	7.23	8.07	9.4	2.38
390	7/3/2007 18:16	19.18	52.33	34.53	7.95	8.12	8.9	2.30
391	7/3/2007 18:31	19.36	52.331	34.53	8.2	8.14	8.8	2.23
392	7/3/2007 18:46	19.51	52.373	34.56	8.42	8.15	6.8	2.17
393	7/3/2007 19:01	19.61	52.395	34.57	8.37	8.15	6.3	2.11
394	7/3/2007 19:16	19.66	52.401	34.58	8.34	8.16	6.2	2.05
395	7/3/2007 19:31	19.67	52.41	34.58	8.08	8.15	4.1	1.99
396	7/3/2007 19:46	19.72	52.416	34.59	8.07	8.16	4.3	1.95
397	7/3/2007 20:01	19.7	52.424	34.6	7.76	8.14	3.6	1.92
398	7/3/2007 20:16	19.7	52.42	34.59	7.47	8.13	1.9	1.89
399	7/3/2007 20:31	19.69	52.438	34.61	5.74	8.05	2.2	1.89
400	7/3/2007 20:46	19.58	52.409	34.58	8.47	8.17	6.4	1.88
401	7/3/2007 21:01	19.61	52.441	34.61	8.5	8.17	7.5	1.91
402	7/3/2007 21:16	19.8	52.517	34.66	8.45	8.18	7.0	1.93
403	7/3/2007 21:31	19.97	52.484	34.64	8.6	8.2	7.2	1.97
404	7/3/2007 21:46	20.06	52.563	34.7	8.74	8.22	7.4	2.02
405	7/3/2007 22:01	20	52.544	34.68	8.7	8.21	9.1	2.08
406	7/3/2007 22:16	19.88	52.531	34.67	8.51	8.19	10.2	2.15
407	7/3/2007 22:31	19.87	52.514	34.66	8.41	8.18	9.5	2.22
408	7/3/2007 22:46	19.83	52.498	34.65	8.32	8.17	12.0	2.29
409	7/3/2007 23:01	19.54	52.458	34.62	8.1	8.15	10.7	2.35
410	7/3/2007 23:16	18.99	52.374	34.56	7.75	8.11	11.6	2.42
411	7/3/2007 23:31	18.15	52.282	34.49	7.19	8.05	11.9	2.49
412	7/3/2007 23:46	17.53	52.252	34.46	6.99	8.02	12.0	2.56
413	7/4/2007 00:01	17.02	52.183	34.4	6.83	7.99	13.0	2.63
414	7/4/2007 00:16	16.65	52.175	34.39	6.71	7.98	10.1	2.69
415	7/4/2007 00:31	16.56	52.155	34.38	6.76	7.98	10.5	2.77
416	7/4/2007 00:46	16.15	52.128	34.35	6.88	7.98	11.3	2.84
417	7/4/2007 01:01	15.61	52.1	34.32	7.13	7.98	11.1	2.91
418	7/4/2007 01:16	15.27	52.067	34.29	7.27	7.99	10.0	2.98
419	7/4/2007 01:31	14.8	52.045	34.26	7.42	7.99	9.4	3.04
420	7/4/2007 01:46	14.68	52.061	34.27	7.42	7.99	8.0	3.10
421	7/4/2007 02:01	14.52	52.041	34.25	7.43	7.98	5.6	3.15
422	7/4/2007 02:16	14.36	52.049	34.25	7.45	7.98	4.8	3.19
423	7/4/2007 02:31	14.31	52.021	34.22	7.33	7.98	3.4	3.21
424	7/4/2007 02:46	14.95	52.069	34.28	6.99	7.95	4.3	3.22
425	7/4/2007 03:01	14.49	52.102	34.29	7.08	7.94	2.8	3.21
426	7/4/2007 03:16	14.37	52.029	34.23	7.26	7.98	3.3	3.18
427	7/4/2007 03:31	14.87	51.89	34.15	7.04	7.96	4.6	3.11
428	7/4/2007 03:46	15.15	51.98	34.22	6.91	7.97	5.5	3.05
429	7/4/2007 04:01	15.65	52.118	34.33	6.76	7.96	6.7	2.97
430	7/4/2007 04:16	15.84	52.094	34.32	6.56	7.96	7.1	2.87
431	7/4/2007 04:31	16.23	52.163	34.38	6.41	7.95	9.7	2.75

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	7/4/2007 04:46	16.54	52.19	34.4	6.4	7.97	11.9	2.66
433	7/4/2007 05:01	16.78	52.216	34.42	6.25	7.96	9.9	2.55
434	7/4/2007 05:16	17.21	52.352	34.53	6.11	7.96	10.8	2.42
435	7/4/2007 05:31	17.74	52.333	34.52	5.96	7.97	9.0	2.32
436	7/4/2007 05:46	17.87	52.362	34.54	5.96	7.97	10.2	2.19
437	7/4/2007 06:01	17.42	52.282	34.48	6.04	7.97	9.6	2.06
438	7/4/2007 06:16	17.53	52.324	34.51	6.08	7.98	10.1	1.94
439	7/4/2007 06:31	17.57	52.332	34.52	6.17	7.98	11.3	1.80
440	7/4/2007 06:46	17.49	52.343	34.53	6.26	7.99	12.2	1.65
441	7/4/2007 07:01	17.95	52.381	34.56	6.29	8.01	12.8	1.53
442	7/4/2007 07:16	18.38	52.384	34.56	6.39	8.04	12.5	1.37
443	7/4/2007 07:31	18.61	52.453	34.62	6.39	8.05	10.0	1.25
444	7/4/2007 07:46	18.85	52.41	34.58	6.44	8.06	8.9	1.12
445	7/4/2007 08:01	19.04	52.474	34.63	6.44	8.07	9.2	0.99
446	7/4/2007 08:16	19.24	52.547	34.69	6.4	8.08	7.8	0.89
447	7/4/2007 08:31	19.38	52.573	34.71	6.37	8.09	6.9	0.83
448	7/4/2007 08:46	19.42	52.595	34.72	6.16	8.08	4.9	0.77
449	7/4/2007 09:01	19.5	52.781	34.86	5.61	8.07	4.7	0.75
450	7/4/2007 09:16	19.39	52.634	34.75	6.34	8.09	8.0	0.76
451	7/4/2007 09:31	19.54	52.655	34.77	6.47	8.11	7.1	0.82
452	7/4/2007 09:46	19.62	52.679	34.78	6.52	8.12	7.7	0.88
453	7/4/2007 10:01	19.72	52.722	34.82	6.54	8.13	7.2	0.92
454	7/4/2007 10:16	19.74	52.71	34.81	6.59	8.13	7.5	0.99
455	7/4/2007 10:31	19.76	52.701	34.8	6.6	8.14	7.7	1.07
456	7/4/2007 10:46	19.76	52.701	34.8	6.58	8.13	7.8	1.13
457	7/4/2007 11:01	19.86	52.649	34.76	6.47	8.14	9.5	1.17
458	7/4/2007 11:16	19.81	52.641	34.75	6.44	8.13	9.4	1.29
459	7/4/2007 11:31	19.74	52.638	34.75	6.47	8.13	10.7	1.37
460	7/4/2007 11:46	19.6	52.604	34.73	6.54	8.12	9.1	1.43
461	7/4/2007 12:01	19.53	52.573	34.71	6.57	8.12	11.9	1.54
462	7/4/2007 12:16	19.38	52.574	34.71	6.54	8.11	9.7	1.64
463	7/4/2007 12:31	19.19	52.535	34.68	6.53	8.1	12.1	1.75
464	7/4/2007 12:46	18.91	52.482	34.64	6.5	8.08	17.7	1.84
465	7/4/2007 13:01	18.67	52.446	34.61	6.48	8.05	18.8	1.94
466	7/4/2007 13:16	18.57	52.443	34.61	6.42	8.03	13.3	2.05
467	7/4/2007 13:31	18.51	52.436	34.6	6.44	8.03	13.6	2.15
468	7/4/2007 13:46	18.43	52.402	34.58	6.49	8.03	14.5	2.23
469	7/4/2007 14:01	18.29	52.374	34.56	6.47	8.02	13.3	2.31
470	7/4/2007 14:16	18.01	52.327	34.52	6.46	8.01	13.8	2.41
471	7/4/2007 14:31	17.58	52.262	34.47	5.96	7.96	17.8	2.49
472	7/4/2007 14:46	17.21	52.203	34.42	5.48	7.92	18.4	2.55
473	7/4/2007 15:01	16.82	52.138	34.37	5.51	7.91	17.3	2.63
474	7/4/2007 15:16	16.08	52.096	34.32	5.73	7.9	16.0	2.69
475	7/4/2007 15:31	15.76	52.058	34.29	5.99	7.91	14.4	2.76
476	7/4/2007 15:46	15.57	52.05	34.28	6.23	7.92	9.9	2.80
477	7/4/2007 16:01	15.51	52.047	34.28	6.24	7.92	4.9	2.84
478	7/4/2007 16:16	15.48	52.041	34.27	6.28	7.93	4.5	2.88
479	7/4/2007 16:31	15.39	52.039	34.27	5.87	7.9	3.0	2.88

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	7/4/2007 16:46	15.54	52.05	34.28	5.89	7.91	3.4	2.88
481	7/4/2007 17:01	15.45	52.062	34.29	6.11	7.91	3.6	2.86
482	7/4/2007 17:16	15.52	52.062	34.29	6.14	7.92	6.4	2.82
483	7/4/2007 17:31	15.63	52.073	34.3	6.22	7.93	9.0	2.75
484	7/4/2007 17:46	16.23	52.197	34.4	6.44	7.95	16.6	2.68
485	7/4/2007 18:01	17.14	52.206	34.42	6.43	8	10.3	2.61
486	7/4/2007 18:16	17.54	52.261	34.47	6.29	8	11.3	2.53
487	7/4/2007 18:31	17.8	52.245	34.46	6.43	8.01	9.1	2.43
488	7/4/2007 18:46	18.08	52.271	34.48	6.89	8.03	7.0	2.35
489	7/4/2007 19:01	18.26	52.327	34.52	7.17	8.05	9.4	2.29
490	7/4/2007 19:16	18.2	52.304	34.5	7.27	8.05	6.4	2.22
491	7/4/2007 19:31	18.46	52.339	34.53	7.36	8.07	7.5	2.13
492	7/4/2007 19:46	18.55	52.329	34.52	7.53	8.08	11.4	2.06
493	7/4/2007 20:01	18.63	52.349	34.54	7.47	8.09	6.4	2.00
494	7/4/2007 20:16	18.81	52.403	34.58	7.33	8.09	6.2	1.95
495	7/4/2007 20:31	18.86	52.388	34.57	7.37	8.1	7.0	1.87
496	7/4/2007 20:46	18.88	52.393	34.57	7.32	8.09	3.8	1.84
497	7/4/2007 21:01	18.97	52.425	34.6	7.27	8.1	4.9	1.81
498	7/4/2007 21:16	19.13	52.428	34.6	7.26	8.12	3.4	1.77
499	7/4/2007 21:31	19.4	52.496	34.65	7.17	8.14	3.5	1.76
500	7/4/2007 21:46	19.38	52.508	34.66	6.67	8.12	2.8	1.77
501	7/4/2007 22:01	19.51	52.551	34.69	7.97	8.18		1.79
502	7/4/2007 22:16	19.52	52.578	34.71	7.9	8.18	6.1	1.81
503	7/4/2007 22:31	19.45	52.579	34.71	7.83	8.17	6.7	1.86
504	7/4/2007 22:46	19.45	52.538	34.68	7.81	8.17	8.7	1.92
505	7/4/2007 23:01	19.35	52.506	34.66	7.7	8.15	9.5	1.97
506	7/4/2007 23:16	19.35	52.476	34.63	7.51	8.14	11.0	2.04
507	7/4/2007 23:31	19.35	52.447	34.61	7.41	8.14	11.6	2.10
508	7/4/2007 23:46	19.05	52.405	34.58	7.36	8.11	12.5	2.17
509	7/5/2007 00:01	18.86	52.35	34.54	7.25	8.1	11.1	2.23
510	7/5/2007 00:16	18.6	52.316	34.51	7.06	8.07	11.9	2.30
511	7/5/2007 00:31	18.15	52.252	34.46	6.73	8.03	12.8	2.36
512	7/5/2007 00:46	17.46	52.16	34.39	6.48	7.99	10.5	2.42
513	7/5/2007 01:01	17.11	52.11	34.35	6.42	7.98	10.8	2.49
514	7/5/2007 01:16	16.93	52.091	34.33	6.41	7.97	8.9	2.55
515	7/5/2007 01:31	16.84	52.101	34.34	6.38	7.97	9.8	2.61
516	7/5/2007 01:46	16.18	52.053	34.29	6.42	7.96	10.7	2.69
517	7/5/2007 02:01	15.81	52.03	34.27	6.43	7.95	10.8	2.75
518	7/5/2007 02:16	15.5	52.021	34.26	6.45	7.95	9.4	2.80
519	7/5/2007 02:31	15.26	51.977	34.22	6.48	7.94	7.8	2.87
520	7/5/2007 02:46	14.77	51.978	34.21	6.53	7.93	8.2	2.93
521	7/5/2007 03:01	14.71	51.948	34.18	6.5	7.93	6.2	2.95
522	7/5/2007 03:16	14.57	51.985	34.21	6.41	7.93	6.1	2.99
523	7/5/2007 03:31	14.4	51.977	34.2	6.43	7.92	3.4	3.01
524	7/5/2007 03:46	14.86	51.966	34.2	6.2	7.91	3.0	3.02
525	7/5/2007 04:01	14.64	52.011	34.23	6.18	7.91	3.4	2.99
526	7/5/2007 04:16	14.35	51.966	34.19	6.2	7.91	3.3	2.95
527	7/5/2007 04:31	14.55	51.943	34.18	6.29	7.91	4.8	2.90

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	7/5/2007 04:46	15.22	52.055	34.28	6.24	7.93	5.3	2.82
529	7/5/2007 05:01	15.47	52.107	34.32	6.13	7.93	15.6	2.74
530	7/5/2007 05:16	16.06	52.175	34.38	6.04	7.94	12.1	2.65
531	7/5/2007 05:31	16.42	52.167	34.38	5.92	7.94	15.6	2.54
532	7/5/2007 05:46	16.77	52.198	34.41	5.7	7.93	9.9	2.45
533	7/5/2007 06:01	17.14	52.253	34.46	5.59	7.93	8.2	2.35
534	7/5/2007 06:16	17.17	52.319	34.51	5.46	7.92	10.4	2.24
535	7/5/2007 06:31	17.64	52.348	34.53	5.4	7.94	10.7	2.13
536	7/5/2007 06:46	17.4	52.302	34.5	5.45	7.92	10.0	2.02
537	7/5/2007 07:01	17.25	52.265	34.47	5.53	7.92	9.4	1.90
538	7/5/2007 07:16	17.38	52.316	34.51	5.58	7.94	9.7	1.78
539	7/5/2007 07:31	17.51	52.377	34.55	5.68	7.95	10.2	1.65
540	7/5/2007 07:46	17.59	52.339	34.52	5.75	7.95	10.8	1.53
541	7/5/2007 08:01	17.82	52.364	34.54	5.71	7.96	8.5	1.41
542	7/5/2007 08:16	17.99	52.416	34.58	5.84	7.98	8.6	1.29
543	7/5/2007 08:31	18.22	52.421	34.59	5.88	8	7.1	1.18
544	7/5/2007 08:46	18.47	52.485	34.64	5.95	8.02	6.2	1.07
545	7/5/2007 09:01	18.51	52.546	34.68	5.92	8.02	6.0	1.00
546	7/5/2007 09:16	18.56	52.496	34.65	5.89	8.02	3.7	0.92
547	7/5/2007 09:31	18.83	52.557	34.69	5.77	8.04	3.4	0.89
548	7/5/2007 09:46	18.98	52.609	34.73	5.01	8.01	4.7	0.87
549	7/5/2007 10:01	18.76	52.545	34.68	6.17	8.05	5.5	0.88
550	7/5/2007 10:16	18.93	52.562	34.7	6.22	8.06	6.2	0.94
551	7/5/2007 10:31	18.94	52.568	34.7	6.19	8.06	6.0	0.96
552	7/5/2007 10:46	19.12	52.59	34.72	6.25	8.07	6.1	1.03
553	7/5/2007 11:01	19.23	52.61	34.73	6.24	8.08	6.8	1.10
554	7/5/2007 11:16	19.18	52.583	34.71	6.22	8.07	6.5	1.16
555	7/5/2007 11:31	19.2	52.569	34.7	6.23	8.07	8.3	1.24
556	7/5/2007 11:46	19.17	52.531	34.67	6.14	8.07	7.8	1.31
557	7/5/2007 12:01	19.06	52.507	34.66	6.09	8.06	8.0	1.40
558	7/5/2007 12:16	18.97	52.493	34.65	6.17	8.05	7.7	1.47
559	7/5/2007 12:31	18.85	52.454	34.62	6.17	8.04	8.0	1.57
560	7/5/2007 12:46	18.78	52.455	34.62	6.11	8.04	8.5	1.66
561	7/5/2007 13:01	18.74	52.463	34.62	6.03	8.04	8.9	1.76
562	7/5/2007 13:16	18.57	52.423	34.59	6	8.02	10.4	1.87
563	7/5/2007 13:31	18.49	52.384	34.56	6	8.02	10.4	1.96
564	7/5/2007 13:46	18.45	52.366	34.55	6	8.01	11.7	2.07
565	7/5/2007 14:01	18.33	52.364	34.55	5.96	7.99	12.7	2.15
566	7/5/2007 14:16	18.15	52.318	34.51	5.83	7.97	13.2	2.24
567	7/5/2007 14:31	17.98	52.265	34.47	5.76	7.96	14.1	2.34
568	7/5/2007 14:46	17.77	52.24	34.45	5.71	7.95	15.8	2.41
569	7/5/2007 15:01	17.33	52.132	34.37	5.47	7.92	15.8	2.49
570	7/5/2007 15:16	16.98	52.096	34.34	5.3	7.89	17.1	2.58
571	7/5/2007 15:31	16.48	52.05	34.3	5.31	7.88	20.4	2.65
572	7/5/2007 15:46	15.87	52.029	34.27	5.64	7.88	20.2	2.72
573	7/5/2007 16:01	15.29	52	34.24	6.01	7.88	18.9	2.79
574	7/5/2007 16:16	15	51.961	34.2	6.22	7.89	13.8	2.85
575	7/5/2007 16:31	14.88	51.957	34.19	6.28	7.89	10.9	2.90

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	7/5/2007 16:46	14.89	51.948	34.19	6.32	7.9	8.2	2.94
577	7/5/2007 17:01	14.78	51.93	34.17	6.19	7.88	3.9	2.95
578	7/5/2007 17:16	15.01	51.989	34.22	5.84	7.88	3.9	2.96
579	7/5/2007 17:31	14.78	51.974	34.2	6.07	7.88	6.2	2.96
580	7/5/2007 17:46	14.78	51.946	34.18	6.13	7.88	8.7	2.90
581	7/5/2007 18:01	14.92	51.949	34.19	6.04	7.88	7.7	2.86
582	7/5/2007 18:16	15.4	51.969	34.22	6.24	7.91	12.6	2.79
583	7/5/2007 18:31	16.09	52.022	34.27	6.14	7.91	11.4	2.72
584	7/5/2007 18:46	16.96	52.084	34.33	6.23	7.95	8.5	2.63
585	7/5/2007 19:01	16.93	52.06	34.31	6.03	7.93	8.3	2.55
586	7/5/2007 19:16	16.84	52.041	34.3	6.19	7.93	7.5	2.46
587	7/5/2007 19:31	17.27	52.102	34.35	6.49	7.97	11.3	2.39
588	7/5/2007 19:46	17.53	52.134	34.37	6.67	7.99	11.3	2.30
589	7/5/2007 20:01	17.69	52.173	34.4	6.55	7.99	7.8	2.21
590	7/5/2007 20:16	17.95	52	34.28	6.68	7.99	9.0	2.15
591	7/5/2007 20:31	18.19	52.226	34.45	6.9	8.03	6.9	2.06
592	7/5/2007 20:46	18.14	52.231	34.45	6.83	8.03	6.9	2.00
593	7/5/2007 21:01	18.31	52.231	34.45	6.83	8.03	6.0	1.93
594	7/5/2007 21:16	18.37	52.252	34.47	6.84	8.04	6.9	1.84
595	7/5/2007 21:31	18.64	52.282	34.49	6.95	8.07	5.3	1.79
596	7/5/2007 21:46	18.94	52.338	34.53	7.11	8.1	4.2	1.74
597	7/5/2007 22:01	19.29	52.383	34.57	7.31	8.13	3.1	1.70
598	7/5/2007 22:16	19.53	52.436	34.6	7.38	8.16	3.3	1.66
599	7/5/2007 22:31	19.66	52.454	34.62	6.94	8.15	2.6	1.66
600	7/5/2007 22:46	19.71	52.479	34.64	7.76	8.19	4.0	1.67
601	7/5/2007 23:01	19.63	52.46	34.62	8.04	8.19	4.8	1.66
602	7/5/2007 23:16	19.52	52.431	34.6	7.99	8.18	5.5	1.69
603	7/5/2007 23:31	19.36	52.439	34.61	7.78	8.16	6.8	1.74
604	7/5/2007 23:46	19.25	52.439	34.61	7.66	8.14	6.5	1.79
605	7/6/2007 00:01	19.2	52.437	34.6	7.57	8.13	8.6	1.86
606	7/6/2007 00:16	19.13	52.412	34.59	7.32	8.11	8.6	1.91
607	7/6/2007 00:31	19.16	52.403	34.58	7.15	8.11	9.9	1.99
608	7/6/2007 00:46	18.98	52.373	34.56	7.12	8.09	11.0	2.04
609	7/6/2007 01:01	18.75	52.339	34.53	7.06	8.07	9.5	2.11
610	7/6/2007 01:16	18.53	52.305	34.51	6.87	8.05	11.1	2.17
611	7/6/2007 01:31	18.28	52.262	34.47	6.71	8.03	10.6	2.23
612	7/6/2007 01:46	17.71	52.187	34.41	6.32	7.98	11.1	2.30
613	7/6/2007 02:01	17.42	52.191	34.41	6.21	7.97	9.5	2.36
614	7/6/2007 02:16	17.24	52.122	34.36	6.16	7.96	8.1	2.42
615	7/6/2007 02:31	17.12	52.113	34.35	6.18	7.96	8.2	2.48
616	7/6/2007 02:46	16.87	52.099	34.34	6.19	7.95	7.7	2.54
617	7/6/2007 03:01	16.66	52.058	34.31	6.16	7.94	8.0	2.59
618	7/6/2007 03:16	16.42	52.048	34.29	6.14	7.93	8.6	2.65
619	7/6/2007 03:31	16.02	51.999	34.25	6.17	7.92	8.3	2.70
620	7/6/2007 03:46	15.78	51.996	34.24	6.18	7.92	7.1	2.74
621	7/6/2007 04:01	15.63	51.972	34.22	6.17	7.92	5.1	2.78
622	7/6/2007 04:16	15.51	51.986	34.23	6.19	7.92	4.5	2.82
623	7/6/2007 04:31	15.29	51.974	34.22	6.06	7.9	3.0	2.83

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	7/6/2007 04:46	15.59	52.029	34.26	5.9	7.9	3.7	2.83
625	7/6/2007 05:01	15.26	51.978	34.22	6.03	7.9	4.4	2.82
626	7/6/2007 05:16	15.26	51.957	34.2	6.05	7.9	3.3	2.78
627	7/6/2007 05:31	15.73	52.078	34.3	5.95	7.91	4.6	2.73
628	7/6/2007 05:46	15.99	52.056	34.29	5.79	7.9	6.7	2.66
629	7/6/2007 06:01	16.61	52.154	34.38	5.65	7.91	27.8	2.58
630	7/6/2007 06:16	16.86	52.183	34.4	5.5	7.9	7.9	2.50
631	7/6/2007 06:31	16.94	52.144	34.37	5.44	7.89	11.1	2.40
632	7/6/2007 06:46	16.99	52.15	34.38	5.37	7.89	10.6	2.32
633	7/6/2007 07:01	17.21	52.197	34.42	5.35	7.9	6.4	2.22
634	7/6/2007 07:16	17.21	52.18	34.4	5.31	7.9	7.4	2.11
635	7/6/2007 07:31	17.45	52.201	34.42	5.39	7.91	6.9	2.04
636	7/6/2007 07:46	17.48	52.22	34.44	5.5	7.92	6.1	1.93
637	7/6/2007 08:01	17.46	52.248	34.46	5.67	7.93	7.4	1.82
638	7/6/2007 08:16	17.68	52.257	34.46	5.73	7.95	6.8	1.72
639	7/6/2007 08:31	17.68	52.267	34.47	5.77	7.95	6.1	1.62
640	7/6/2007 08:46	17.77	52.249	34.46	5.85	7.96	5.3	1.51
641	7/6/2007 09:01	17.93	52.263	34.47	5.95	7.98	6.0	1.41
642	7/6/2007 09:16	18.19	52.332	34.52	5.97	8	4.4	1.34
643	7/6/2007 09:31	18.31	52.333	34.53	6.13	8.01	4.1	1.24
644	7/6/2007 09:46	18.41	52.367	34.55	5.99	8.01	4.1	1.18
645	7/6/2007 10:01	18.49	52.364	34.55	5.9	8.01	2.9	1.14
646	7/6/2007 10:16	18.56	52.355	34.54	5.67	8.01	3.3	1.09
647	7/6/2007 10:31	18.8	52.391	34.57	5.36	8.01	2.5	1.09
648	7/6/2007 10:46	18.66	52.356	34.54	6.43	8.03	5.6	1.11
649	7/6/2007 11:01	18.91	52.389	34.57	6.37	8.04	5.4	1.13
650	7/6/2007 11:16	18.91	52.406	34.58	6.33	8.04	5.7	1.18
651	7/6/2007 11:31	19.04	52.435	34.6	6.31	8.04	6.0	1.23
652	7/6/2007 11:46	19.11	52.434	34.6	6.33	8.05	6.8	1.31
653	7/6/2007 12:01	19.07	52.422	34.59	6.29	8.04	6.8	1.38
654	7/6/2007 12:16	19.12	52.382	34.56	6.2	8.04	7.7	1.45
655	7/6/2007 12:31	18.88	52.377	34.56	6.11	8.03	7.2	1.53
656	7/6/2007 12:46	18.75	52.371	34.55	6.16	8.02	6.9	1.62
657	7/6/2007 13:01	18.65	52.357	34.54	6.12	8.02	7.1	1.69
658	7/6/2007 13:16	18.58	52.34	34.53	6.08	8.01	7.5	1.76
659	7/6/2007 13:31	18.42	52.32	34.52	5.97	8	8.6	1.87
660	7/6/2007 13:46	18.35	52.314	34.51	5.98	7.99	8.6	1.94
661	7/6/2007 14:01	18.16	52.287	34.49	5.93	7.98	9.9	2.05
662	7/6/2007 14:16	18.02	52.274	34.48	5.92	7.97	12.1	2.13
663	7/6/2007 14:31	17.92	52.268	34.48	5.93	7.96	11.5	2.22
664	7/6/2007 14:46	17.81	52.256	34.47	5.95	7.95	11.4	2.32
665	7/6/2007 15:01	17.77	52.213	34.43	5.98	7.94	12.3	2.39
666	7/6/2007 15:16	17.51	52.152	34.39	5.84	7.93	13.6	2.48
667	7/6/2007 15:31	17.23	52.096	34.34	5.68	7.9	14.5	2.56
668	7/6/2007 15:46	16.66	52.022	34.28	5.12	7.84	18.8	2.65
669	7/6/2007 16:01	16.26	51.972	34.24	5.19	7.83	16.9	2.72
670	7/6/2007 16:16	15.71	51.917	34.19	5.62	7.85	19.4	2.80
671	7/6/2007 16:31	15.08	51.875	34.14	6.13	7.87	17.8	2.87

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	7/6/2007 16:46	14.79	51.838	34.1	6.38	7.88	13.8	2.94
673	7/6/2007 17:01	14.71	51.821	34.09	6.41	7.88	12.9	3.00
674	7/6/2007 17:16	14.76	51.807	34.08	6.42	7.89	6.9	3.04
675	7/6/2007 17:31	14.6	51.781	34.06	6.38	7.88	5.5	3.09
676	7/6/2007 17:46	14.47	51.789	34.06	6.22	7.87	3.7	3.10
677	7/6/2007 18:01	14.83	51.794	34.07	5.84	7.85	2.4	3.10
678	7/6/2007 18:16	14.58	51.792	34.06	6.17	7.87	5.9	3.08
679	7/6/2007 18:31	14.62	51.771	34.05	6.09	7.86	5.3	3.03
680	7/6/2007 18:46	14.85	51.766	34.05	6.15	7.88	7.1	2.97
681	7/6/2007 19:01	15.49	51.841	34.12	6.45	7.91	15.1	2.89
682	7/6/2007 19:16	16.13	51.88	34.17	6.53	7.93	11.2	2.81
683	7/6/2007 19:31	16.59	51.93	34.21	6.36	7.93	10.5	2.72
684	7/6/2007 19:46	16.63	51.897	34.19	6.17	7.91	12.6	2.63
685	7/6/2007 20:01	16.57	51.894	34.18	6.21	7.91	9.6	2.54
686	7/6/2007 20:16	16.74	51.968	34.24	6.37	7.93	8.9	2.45
687	7/6/2007 20:31	17.28	51.71	34.06	6.48	7.94	12.2	2.37
688	7/6/2007 20:46	17.22	52.011	34.28	6.74	7.97	10.0	2.27
689	7/6/2007 21:01	17.53	52.065	34.32	6.89	7.99	9.5	2.19
690	7/6/2007 21:16	17.68	52.092	34.34	7.04	8.01	8.8	2.11
691	7/6/2007 21:31	17.99	52.085	34.34	7.07	8.02	8.2	2.02
692	7/6/2007 21:46	17.8	52.092	34.34	6.97	8.01	6.8	1.94
693	7/6/2007 22:01	18.08	52.112	34.36	7.04	8.04	5.6	1.86
694	7/6/2007 22:16	18.02	52.209	34.43	6.97	8.03	5.8	1.78
695	7/6/2007 22:31	18.21	52.161	34.4	6.81	8.02	4.4	1.72
696	7/6/2007 22:46	18.46	52.183	34.42	6.95	8.05	3.9	1.65
697	7/6/2007 23:01	18.59	52.225	34.45	6.74	8.04	3.6	1.61
698	7/6/2007 23:16	18.93	52.265	34.48	6.8	8.06	2.7	1.56
699	7/6/2007 23:31	19.24	52.31	34.51	6.88	8.08	2.1	1.55
700	7/6/2007 23:46	19.37	52.366	34.55	6.2	8.07	1.6	1.53
701	7/7/2007 00:01	19.36	52.384	34.57	7.49	8.14	3.9	1.54
702	7/7/2007 00:16	19.34	52.352	34.54	7.77	8.15	5.5	1.57
703	7/7/2007 00:31	19.27	52.336	34.53	7.68	8.14	6.1	1.60
704	7/7/2007 00:46	19.31	52.35	34.54	7.91	8.15	6.5	1.64
705	7/7/2007 01:01	19.28	52.422	34.59	7.89	8.15	6.9	1.70
706	7/7/2007 01:16	19.25	52.423	34.59	7.86	8.15	7.5	1.76
707	7/7/2007 01:31	19.24	52.418	34.59	7.57	8.12	9.3	1.81
708	7/7/2007 01:46	19.27	52.432	34.6	7.4	8.11	9.5	1.89
709	7/7/2007 02:01	19.19	52.419	34.59	7.4	8.11	9.4	1.94
710	7/7/2007 02:16	19.08	52.39	34.57	7.38	8.1	9.2	2.00
711	7/7/2007 02:31	18.96	52.37	34.55	7.35	8.1	8.5	2.06
712	7/7/2007 02:46	18.8	52.341	34.53	7.23	8.08	9.4	2.12
713	7/7/2007 03:01	18.42	52.285	34.49	6.98	8.04	10.2	2.17
714	7/7/2007 03:16	17.97	52.208	34.43	6.57	8	8.6	2.23
715	7/7/2007 03:31	17.66	52.159	34.39	6.39	7.97	7.7	2.29
716	7/7/2007 03:46	17.52	52.146	34.38	6.3	7.96	8.0	2.34
717	7/7/2007 04:01	17.32	52.127	34.37	6.22	7.95	6.5	2.39
718	7/7/2007 04:16	17.16	52.11	34.35	6.19	7.94	7.3	2.45
719	7/7/2007 04:31	17	52.092	34.34	6.16	7.94	6.4	2.49

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	7/7/2007 04:46	16.89	52.077	34.32	6.15	7.93	6.0	2.53
721	7/7/2007 05:01	16.84	52.066	34.31	6.11	7.93	6.5	2.57
722	7/7/2007 05:16	16.62	52.046	34.3	6.11	7.93	5.4	2.60
723	7/7/2007 05:31	16.5	52.049	34.3	6.04	7.92	4.2	2.62
724	7/7/2007 05:46	16.45	52.033	34.28	5.75	7.91	3.3	2.64
725	7/7/2007 06:01	16.66	52.043	34.29	5.39	7.88	2.4	2.63
726	7/7/2007 06:16	16.58	52.053	34.3	5.66	7.9	3.0	2.61
727	7/7/2007 06:31	16.61	52.059	34.31	5.68	7.91	3.6	2.58
728	7/7/2007 06:46	16.81	52.103	34.34	5.69	7.91	4.7	2.52
729	7/7/2007 07:01	17.19	52.176	34.4	5.68	7.92	5.5	2.46
730	7/7/2007 07:16	17.37	52.197	34.42	5.67	7.93	7.5	2.39
731	7/7/2007 07:31	17.61	52.264	34.47	5.5	7.93	6.1	2.31
732	7/7/2007 07:46	17.6	52.297	34.49	5.41	7.91	6.0	2.23
733	7/7/2007 08:01	17.6	52.248	34.46	5.51	7.91	5.2	2.14
734	7/7/2007 08:16	17.8	52.283	34.49	5.61	7.93	7.4	2.06
735	7/7/2007 08:31	17.75	52.294	34.49	5.49	7.92	5.3	1.98
736	7/7/2007 08:46	17.83	52.284	34.49	5.62	7.93	6.1	1.89
737	7/7/2007 09:01	17.93	52.3	34.5	5.81	7.95	6.4	1.80
738	7/7/2007 09:16	17.88	52.297	34.5	5.81	7.94	4.4	1.72
739	7/7/2007 09:31	17.92	52.33	34.52	5.89	7.95	5.5	1.65
740	7/7/2007 09:46	18.02	52.325	34.52	5.88	7.96	3.6	1.57
741	7/7/2007 10:01	18.12	52.358	34.54	5.91	7.96	3.1	1.52
742	7/7/2007 10:16	18.23	52.364	34.55	5.77	7.97	2.9	1.45
743	7/7/2007 10:31	18.37	52.368	34.55	5.82	7.98	2.8	1.41
744	7/7/2007 10:46	18.48	52.396	34.57	5.77	7.98	2.2	1.38
745	7/7/2007 11:01	18.47	52.382	34.56	5.3	7.95	1.6	1.35
746	7/7/2007 11:16	18.56	52.4	34.58	4.8	7.94	1.3	1.35
747	7/7/2007 11:31	18.51	52.399	34.58	6.45	8.02	4.2	1.36
748	7/7/2007 11:46	18.55	52.398	34.57	6.39	8.03	4.2	1.38
749	7/7/2007 12:01	18.56	52.398	34.57	5.99	8.03	4.9	1.42
750	7/7/2007 12:16	18.56	52.385	34.57	6.29	8.03	5.2	1.47
751	7/7/2007 12:31	18.59	52.382	34.56	6.17	8.03	6.0	1.52
752	7/7/2007 12:46	18.53	52.372	34.56	6.2	8.02	7.6	1.59
753	7/7/2007 13:01	18.5	52.374	34.56	6.14	8.01	7.1	1.65
754	7/7/2007 13:16	18.48	52.339	34.53	6.12	8	7.8	1.72
755	7/7/2007 13:31	18.48	52.329	34.52	6.11	8	10.0	1.80
756	7/7/2007 13:46	18.41	52.306	34.51	6.03	7.99	8.9	1.87
757	7/7/2007 14:01	18.34	52.28	34.49	6.06	7.98	12.1	1.95
758	7/7/2007 14:16	18.11	52.26	34.47	5.85	7.96	11.0	2.04
759	7/7/2007 14:31	17.98	52.235	34.45	5.8	7.95	12.2	2.12
760	7/7/2007 14:46	17.81	52.188	34.42	5.83	7.94	10.4	2.19
761	7/7/2007 15:01	17.68	52.163	34.4	5.84	7.93	10.4	2.28
762	7/7/2007 15:16	17.55	52.294	34.49	5.78	7.93	10.5	2.38
763	7/7/2007 15:31	17.42	52.259	34.46	5.69	7.91	12.1	2.46
764	7/7/2007 15:46	17.33	52.246	34.45	5.46	7.89	12.7	2.53
765	7/7/2007 16:01	17.08	52.184	34.4	5.36	7.87	13.3	2.62
766	7/7/2007 16:16	16.64	52.101	34.34	5.19	7.84	15.2	2.70
767	7/7/2007 16:31	16.17	52.059	34.3	5.43	7.84	18.6	2.78

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	7/7/2007 16:46	15.73	52.031	34.27	5.64	7.85	15.4	2.87
769	7/7/2007 17:01	15.13	52.008	34.24	5.83	7.84	16.5	2.94
770	7/7/2007 17:16	14.6	51.988	34.21	5.99	7.84	18.3	3.02
771	7/7/2007 17:31	14.28	51.967	34.18	6.13	7.85	13.9	3.08
772	7/7/2007 17:46	14.06	51.96	34.17	6.3	7.86	10.5	3.14
773	7/7/2007 18:01	14.06	51.961	34.17	6.34	7.86	8.1	3.18
774	7/7/2007 18:16	14.02	51.952	34.16	6.23	7.87	4.4	3.20
775	7/7/2007 18:31	14	51.98	34.18	5.92	7.86	2.7	3.23
776	7/7/2007 18:46	14.16	51.97	34.18	5.77	7.83	2.3	3.22
777	7/7/2007 19:01	14.03	51.962	34.17	5.89	7.83	3.9	3.18
778	7/7/2007 19:16	14.08	51.961	34.17	5.9	7.85	6.3	3.15
779	7/7/2007 19:31	14.6	52.001	34.22	5.98	7.87	8.4	3.08
780	7/7/2007 19:46	15.39	52.074	34.29	6.05	7.88	10.9	3.00
781	7/7/2007 20:01	15.75	52.086	34.31	6.06	7.87	13.3	2.92
782	7/7/2007 20:16	15.97	52.029	34.27	5.76	7.87	8.7	2.83
783	7/7/2007 20:31	15.67	51.973	34.23	5.96	7.85	5.6	2.74
784	7/7/2007 20:46	15.82	52.066	34.3	6.22	7.88	10.8	2.64
785	7/7/2007 21:01	15.87	52.17	34.37	6.22	7.88	7.4	2.55
786	7/7/2007 21:16	16.69	52.188	34.4	6.53	7.94	8.5	2.45
787	7/7/2007 21:31	16.87	52.236	34.44	6.65	7.95	12.8	2.37
788	7/7/2007 21:46	16.85	52.236	34.44	6.75	7.97	10.0	2.27
789	7/7/2007 22:01	17.06	52.249	34.45	6.8	7.98	7.2	2.17
790	7/7/2007 22:16	17.01	52.326	34.51	6.63	7.97	6.6	2.08
791	7/7/2007 22:31	17.1	52.277	34.47	6.59	7.97	6.6	1.99
792	7/7/2007 22:46	16.79	52.242	34.44	6.4	7.94	5.6	1.89
793	7/7/2007 23:01	16.85	52.283	34.47	6.32	7.94	6.5	1.77
794	7/7/2007 23:16	16.93	52.297	34.49	6.12	7.93	6.3	1.68
795	7/7/2007 23:31	17.22	52.321	34.51	6.08	7.94	6.7	1.61
796	7/7/2007 23:46	17.36	52.379	34.55	6.21	7.96	4.8	1.52
797	7/8/2007 00:01	17.5	52.386	34.56	6.14	7.95	5.0	1.44
798	7/8/2007 00:16	17.66	52.418	34.58	5.92	7.94	3.4	1.41
799	7/8/2007 00:31	18.08	52.48	34.63	6.1	7.99	3.0	1.36
800	7/8/2007 00:46	18.16	52.473	34.63	5.89	7.98	1.9	1.32
801	7/8/2007 01:01	18.31	52.535	34.67	5.53	7.98	1.6	1.34
802	7/8/2007 01:16	18.4	52.548	34.68	6.69	8.07	4.1	1.35
803	7/8/2007 01:31	18.37	52.53	34.67	6.83	8.07	5.0	1.39
804	7/8/2007 01:46	18.38	52.518	34.66	7.07	8.07	5.4	1.42
805	7/8/2007 02:01	18.49	52.554	34.69	7.44	8.11	5.5	1.48
806	7/8/2007 02:16	18.41	52.535	34.67	7.33	8.1	6.3	1.55
807	7/8/2007 02:31	18.35	52.51	34.66	7.21	8.09	6.1	1.60
808	7/8/2007 02:46	18.4	52.501	34.65	7.18	8.09	7.5	1.67
809	7/8/2007 03:01	18.44	52.485	34.64	7.03	8.08	8.9	1.73
810	7/8/2007 03:16	18.38	52.465	34.62	6.98	8.07	8.8	1.79
811	7/8/2007 03:31	18.23	52.444	34.61	6.96	8.06	7.9	1.85
812	7/8/2007 03:46	18.2	52.44	34.6	6.89	8.06	7.8	1.90
813	7/8/2007 04:01	18.16	52.432	34.6	6.9	8.05	7.8	1.97
814	7/8/2007 04:16	18.12	52.43	34.6	6.91	8.05	8.1	2.03
815	7/8/2007 04:31	18	52.399	34.57	6.75	8.03	9.0	2.09

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	7/8/2007 04:46	17.77	52.354	34.54	6.52	8	8.0	2.14
817	7/8/2007 05:01	17.61	52.325	34.51	6.37	7.97	8.0	2.20
818	7/8/2007 05:16	17.4	52.282	34.48	6.24	7.95	8.8	2.26
819	7/8/2007 05:31	17.26	52.262	34.46	6.11	7.94	8.6	2.29
820	7/8/2007 05:46	17.04	52.23	34.44	6.06	7.92	7.0	2.34
821	7/8/2007 06:01	16.89	52.206	34.42	6.01	7.92	6.3	2.39
822	7/8/2007 06:16	16.74	52.175	34.39	5.97	7.91	5.9	2.42
823	7/8/2007 06:31	16.67	52.175	34.39	5.91	7.91	6.0	2.45
824	7/8/2007 06:46	16.58	52.146	34.37	5.78	7.9	3.8	2.47
825	7/8/2007 07:01	16.64	52.132	34.36	5.7	7.9	4.1	2.49
826	7/8/2007 07:16	16.67	52.182	34.4	5.29	7.87	3.0	2.49
827	7/8/2007 07:31	16.65	52.176	34.39	5.33	7.87	2.8	2.49
828	7/8/2007 07:46	16.54	52.189	34.4	5.42	7.88	2.8	2.46
829	7/8/2007 08:01	16.54	52.161	34.38	5.45	7.87	3.6	2.42
830	7/8/2007 08:16	16.71	52.204	34.41	5.64	7.89	4.6	2.38
831	7/8/2007 08:31	16.95	52.28	34.47	5.6	7.9	5.0	2.33
832	7/8/2007 08:46	17.27	52.395	34.56	5.55	7.92	5.5	2.26
833	7/8/2007 09:01	17.2	52.373	34.55	5.52	7.9	7.1	2.20
834	7/8/2007 09:16	17.25	52.383	34.55	5.68	7.91	5.8	2.12
835	7/8/2007 09:31	17.36	52.381	34.55	5.78	7.93	5.3	2.06
836	7/8/2007 09:46	17.37	52.41	34.58	5.78	7.93	4.7	1.98
837	7/8/2007 10:01	17.45	52.445	34.6	5.84	7.93	4.9	1.92
838	7/8/2007 10:16	17.36	52.422	34.58	5.85	7.93	3.9	1.86
839	7/8/2007 10:31	17.49	52.433	34.59	5.94	7.94	4.4	1.80
840	7/8/2007 10:46	17.61	52.443	34.6	6.02	7.95	3.3	1.74
841	7/8/2007 11:01	17.77	52.478	34.63	6.31	7.98	3.6	1.68
842	7/8/2007 11:16	17.78	52.446	34.61	6.16	7.96	2.4	1.66
843	7/8/2007 11:31	17.86	52.463	34.62	6	7.97	2.5	1.64
844	7/8/2007 11:46	17.98	52.454	34.61	5.65	7.95	2.3	1.60
845	7/8/2007 12:01	18.05	52.484	34.64	4.89	7.91	1.8	1.60
846	7/8/2007 12:16	18.04	52.481	34.63	6.66	8	4.6	1.60
847	7/8/2007 12:31	18.09	52.455	34.61	6.59	8.01	4.5	1.62
848	7/8/2007 12:46	18.05	52.466	34.62	6.56	8.01	4.4	1.64
849	7/8/2007 13:01	18.08	52.462	34.62	6.43	8	5.0	1.67
850	7/8/2007 13:16	18.08	52.456	34.61	6.39	8.01	5.3	1.71
851	7/8/2007 13:31	18.06	52.442	34.6	6.36	7.99	5.9	1.76
852	7/8/2007 13:46	18.05	52.432	34.6	6.3	7.99	6.6	1.82
853	7/8/2007 14:01	18.05	52.422	34.59	6.29	7.98	6.2	1.88
854	7/8/2007 14:16	17.93	52.395	34.57	6.26	7.98	6.4	1.95
855	7/8/2007 14:31	17.87	52.384	34.56	6.18	7.97	6.6	2.02
856	7/8/2007 14:46	17.79	52.367	34.55	6.13	7.97	6.6	2.09
857	7/8/2007 15:01	17.69	52.328	34.52	6.07	7.96	7.2	2.17
858	7/8/2007 15:16	17.53	52.279	34.48	6.04	7.94	8.3	2.24
859	7/8/2007 15:31	17.27	52.223	34.44	5.87	7.91	7.6	2.31
860	7/8/2007 15:46	17.09	52.19	34.41	5.78	7.9	8.3	2.39
861	7/8/2007 16:01	16.97	52.17	34.39	5.68	7.89	9.1	2.47
862	7/8/2007 16:16	16.76	52.166	34.39	5.41	7.86	10.5	2.55
863	7/8/2007 16:31	16.54	52.142	34.37	4.95	7.82	10.5	2.62

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
864	7/8/2007 16:46	16.35	52.106	34.34	5.13	7.82	12.3	2.71
865	7/8/2007 17:01	15.83	52.042	34.28	5.46	7.82	15.0	2.80
866	7/8/2007 17:16	15.59	52.016	34.26	5.57	7.82	14.6	2.87
867	7/8/2007 17:31	15.17	51.996	34.23	5.76	7.82	16.3	2.96
868	7/8/2007 17:46	14.51	51.981	34.2	5.92	7.81	19.9	3.04
869	7/8/2007 18:01	13.85	51.97	34.17	6	7.82	17.6	3.11
870	7/8/2007 18:16	13.59	51.956	34.15	5.95	7.81	14.9	3.16
871	7/8/2007 18:31	13.62	51.98	34.17	5.95	7.83	34.0	3.22
872	7/8/2007 18:46	13.47	51.968	34.16	6.04	7.82	9.3	3.27
873	7/8/2007 19:01	13.38	51.955	34.14	6.04	7.82	6.8	3.29
874	7/8/2007 19:16	13.44	51.942	34.14	5.73	7.8	3.0	3.32
875	7/8/2007 19:31	13.51	51.985	34.17	5.72	7.81	6.9	3.31
876	7/8/2007 19:46	13.39	51.965	34.15	5.83	7.81	5.5	3.29
877	7/8/2007 20:01	13.42	51.947	34.14	5.79	7.8	7.8	3.24
878	7/8/2007 20:16	14.47	52.024	34.23	6.13	7.86	8.0	3.17
879	7/8/2007 20:31	14.76	52.013	34.23	6.37	7.88	12.6	3.10
880	7/8/2007 20:46	15.45	52.056	34.28	6.38	7.89	11.4	3.01
881	7/8/2007 21:01	15.86	52.033	34.27	6.39	7.9	11.2	2.93
882	7/8/2007 21:16	16.04	52.019	34.27	6.38	7.9	8.8	2.82
883	7/8/2007 21:31	16.13	52.119	34.34	6.47	7.9	9.1	2.73
884	7/8/2007 21:46	16.37	52.089	34.32	6.7	7.94	9.9	2.64
885	7/8/2007 22:01	16.78	52.124	34.36	7.03	7.97	7.7	2.54
886	7/8/2007 22:16	17.18	52.169	34.39	7.19	8	7.2	2.43
887	7/8/2007 22:31	17.38	52.208	34.43	7.44	8.02	7.1	2.34
888	7/8/2007 22:46	17.54	52.217	34.43	7.41	8.02	6.4	2.23
889	7/8/2007 23:01	17.64	52.222	34.44	7.84	8.05	5.6	2.13
890	7/8/2007 23:16	17.54	52.277	34.48	7.69	8.04	4.8	2.02
891	7/8/2007 23:31	17.45	52.219	34.43	7.55	8.03	6.1	1.91
892	7/8/2007 23:46	17.47	52.228	34.44	7.16	8.01	5.9	1.79
893	7/9/2007 00:01	17.41	52.233	34.44	6.93	7.99	7.2	1.68
894	7/9/2007 00:16	17.46	52.273	34.47	6.7	7.98	7.1	1.57
895	7/9/2007 00:31	17.33	52.243	34.45	6.46	7.96	7.2	1.47
896	7/9/2007 00:46	17.7	52.29	34.49	6.46	7.97	5.0	1.36
897	7/9/2007 01:01	17.93	52.425	34.59	6.54	7.98	4.8	1.28
898	7/9/2007 01:16	18.08	52.375	34.56	6.27	7.99	4.1	1.21
899	7/9/2007 01:31	18.43	52.428	34.6	6.76	8.02	3.2	1.16
900	7/9/2007 01:46	18.61	52.411	34.58	6.59	8.04	2.5	1.14
901	7/9/2007 02:01	18.82	52.49	34.64	6.61	8.06	1.8	1.13
902	7/9/2007 02:16	18.9	52.487	34.64	6.4	8.05	2.2	1.14
903	7/9/2007 02:31	18.87	52.491	34.64	7.77	8.12	4.5	1.18
904	7/9/2007 02:46	18.75	52.468	34.63	7.68	8.1	5.5	1.21
905	7/9/2007 03:01	18.96	52.5	34.65	8.16	8.14	5.2	1.25
906	7/9/2007 03:16	18.85	52.468	34.63	8.01	8.13	6.3	1.32
907	7/9/2007 03:31	18.79	52.453	34.62	7.9	8.12	6.9	1.39
908	7/9/2007 03:46	19.08	52.401	34.58	7.56	8.11	9.4	1.44
909	7/9/2007 04:01	19.05	52.376	34.56	7.48	8.1	7.8	1.50
910	7/9/2007 04:16	18.99	52.376	34.56	7.51	8.1	8.6	1.57
911	7/9/2007 04:31	18.82	52.361	34.55	7.54	8.09	7.8	1.65

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	7/9/2007 04:46	18.7	52.354	34.54	7.53	8.09	7.5	1.70
913	7/9/2007 05:01	18.62	52.333	34.53	7.48	8.08	7.1	1.76
914	7/9/2007 05:16	18.57	52.3	34.5	7.49	8.08	7.7	1.83
915	7/9/2007 05:31	18.25	52.288	34.49	7.27	8.05	7.7	1.91
916	7/9/2007 05:46	18.03	52.261	34.47	7	8.02	8.0	1.97
917	7/9/2007 06:01	17.88	52.246	34.46	6.79	8	7.4	2.02
918	7/9/2007 06:16	17.77	52.277	34.48	6.61	7.98	8.9	2.09
919	7/9/2007 06:31	17.58	52.201	34.42	6.44	7.96	9.2	2.14
920	7/9/2007 06:46	17.39	52.153	34.39	6.33	7.95	7.7	2.20
921	7/9/2007 07:01	17.2	52.135	34.37	6.27	7.93	7.8	2.25
922	7/9/2007 07:16	17.13	52.104	34.35	6.2	7.93	7.2	2.29
923	7/9/2007 07:31	16.99	52.082	34.33	6.17	7.92	6.6	2.35
924	7/9/2007 07:46	16.9	52.063	34.31	6.1	7.92	6.6	2.38
925	7/9/2007 08:01	16.93	52.029	34.29	6.05	7.92	6.6	2.41
926	7/9/2007 08:16	16.76	52.011	34.27	5.94	7.91	4.9	2.44
927	7/9/2007 08:31	16.7	52.106	34.34	5.87	7.87	3.9	2.46
928	7/9/2007 08:46	16.63	52.019	34.28	4.75	7.81	1.4	2.47
929	7/9/2007 09:01	16.79	52.044	34.3	5.3	7.85	1.9	2.46
930	7/9/2007 09:16	16.7	52.024	34.28	5.4	7.86	4.1	2.45
931	7/9/2007 09:31	16.65	51.998	34.26	5.56	7.88	3.9	2.43
932	7/9/2007 09:46	16.78	52.045	34.3	5.74	7.89	3.6	2.39
933	7/9/2007 10:01	16.99	52.074	34.32	6.06	7.92	3.9	2.35
934	7/9/2007 10:16	17.21	52.103	34.35	6.3	7.94	5.6	2.29
935	7/9/2007 10:31	17.4	52.135	34.37	6.62	7.96	4.1	2.24
936	7/9/2007 10:46	17.6	52.16	34.39	6.81	7.98	4.1	2.17
937	7/9/2007 11:01	17.81	52.178	34.41	7.27	8.02	6.8	2.11
938	7/9/2007 11:16	17.92	52.184	34.41	7.51	8.03	3.6	2.07
939	7/9/2007 11:31	18.04	52.204	34.43	7.59	8.04	3.9	2.01
940	7/9/2007 11:46	18.25	52.222	34.44	8.01	8.07	3.5	1.96
941	7/9/2007 12:01	18.38	52.234	34.45	8.14	8.08	2.7	1.92
942	7/9/2007 12:16	18.45	52.247	34.46	8.21	8.08	2.0	1.89
943	7/9/2007 12:31	18.56	52.244	34.46	8.4	8.11	2.5	1.85
944	7/9/2007 12:46	18.59	52.273	34.48	7.55	8.06	1.7	1.85
945	7/9/2007 13:01	18.51	52.235	34.45	8.53	8.1	5.5	1.83
946	7/9/2007 13:16	18.51	52.237	34.46	8.33	8.09	4.8	1.83
947	7/9/2007 13:31	18.53	52.248	34.46	7.89	8.07	5.3	1.84
948	7/9/2007 13:46	18.45	52.241	34.46	7.71	8.06	5.2	1.86
949	7/9/2007 14:01	18.41	52.234	34.45	7.56	8.05	6.4	1.90
950	7/9/2007 14:16	18.3	52.236	34.45	7.44	8.04	6.3	1.93
951	7/9/2007 14:31	18.19	52.219	34.44	7.29	8.02	6.0	1.98
952	7/9/2007 14:46	18.08	52.2	34.43	7.17	8.01	7.2	2.03
953	7/9/2007 15:01	17.93	52.168	34.4	7.21	8	8.5	2.10
954	7/9/2007 15:16	17.65	52.105	34.35	7.06	7.98	7.5	2.15
955	7/9/2007 15:31	17.6	52.097	34.35	7.01	7.97	7.3	2.22
956	7/9/2007 15:46	17.47	52.083	34.33	6.89	7.96	6.7	2.28
957	7/9/2007 16:01	17.35	52.069	34.32	6.79	7.95	7.6	2.35
958	7/9/2007 16:16	16.99	52.025	34.29	6.56	7.92	8.2	2.42
959	7/9/2007 16:31	16.8	52.014	34.28	6.44	7.91	8.9	2.50

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
960	7/9/2007 16:46	16.53	51.989	34.25	6.35	7.89	9.6	2.58
961	7/9/2007 17:01	16.13	51.945	34.21	5.98	7.85	11.0	2.66
962	7/9/2007 17:16	15.69	51.954	34.21	5.52	7.81	12.8	2.74
963	7/9/2007 17:31	15.38	51.937	34.19	5.42	7.79	13.1	2.82
964	7/9/2007 17:46	14.82	51.898	34.15	5.62	7.79	18.6	2.91
965	7/9/2007 18:01	14.13	51.868	34.11	6.09	7.83	16.1	2.99
966	7/9/2007 18:16	13.83	51.916	34.13	6.27	7.83	15.3	3.08
967	7/9/2007 18:31	13.51	51.871	34.09	6.34	7.82	14.3	3.16
968	7/9/2007 18:46	12.94	51.878	34.07	6.53	7.82	11.0	3.23
969	7/9/2007 19:01	12.49	51.892	34.06	6.83	7.84	9.1	3.30
970	7/9/2007 19:16	12.39	51.875	34.04	6.96	7.85	8.3	3.35
971	7/9/2007 19:31	12.31	51.876	34.04	7.03	7.86	6.3	3.40
972	7/9/2007 19:46	12.27	51.875	34.04	7.03	7.85	4.8	3.44
973	7/9/2007 20:01	12.3	51.894	34.05	6.78	7.84	4.1	3.46
974	7/9/2007 20:16	12.57	51.889	34.06	6.53	7.82	3.8	3.46
975	7/9/2007 20:31	12.46	51.904	34.07	6.68	7.84	3.8	3.45
976	7/9/2007 20:46	12.32	51.884	34.05	6.81	7.84	3.6	3.42
977	7/9/2007 21:01	12.45	51.864	34.04	6.78	7.84	5.2	3.36
978	7/9/2007 21:16	12.67	51.881	34.06	6.72	7.84	6.5	3.29
979	7/9/2007 21:31	13.11	51.889	34.08	6.56	7.84	9.0	3.21
980	7/9/2007 21:46	14.33	51.908	34.14	6.46	7.89	15.9	3.12
981	7/9/2007 22:01	15	51.956	34.2	6.62	7.93	10.6	3.02
982	7/9/2007 22:16	15.04	51.944	34.19	6.64	7.91	13.5	2.93
983	7/9/2007 22:31	15.26	51.985	34.22	6.68	7.92	7.9	2.81
984	7/9/2007 22:46	15.47	52.002	34.24	6.74	7.93	7.5	2.72
985	7/9/2007 23:01	15.68	52.089	34.31	6.75	7.92	7.9	2.61
986	7/9/2007 23:16	16.4	51.846	34.15	7.03	7.98	11.4	2.50
987	7/9/2007 23:31	16.14	52.09	34.32	6.66	7.96	5.5	2.38
988	7/9/2007 23:46	16.57	52.095	34.33	7.04	7.99	6.1	2.26
989	7/10/2007 00:01	16.94	52.173	34.39	7.33	8.04	7.1	2.14
990	7/10/2007 00:16	17.07	52.178	34.4	7.38	8.05	8.6	2.03
991	7/10/2007 00:31	16.99	52.176	34.4	7.22	8.04	9.9	1.89
992	7/10/2007 00:46	16.88	52.18	34.4	7.03	8.03	10.3	1.76
993	7/10/2007 01:01	16.98	52.2	34.41	6.92	8.02	8.6	1.64
994	7/10/2007 01:16	17.13	52.226	34.44	6.89	8.02	9.6	1.52
995	7/10/2007 01:31	17.26	52.238	34.45	6.81	8.01	9.1	1.38
996	7/10/2007 01:46	17.46	52.259	34.46	6.75	8.02	8.6	1.27
997	7/10/2007 02:01	17.61	52.312	34.51	6.6	8.01	7.2	1.18
998	7/10/2007 02:16	17.95	52.342	34.53	6.88	8.06	6.2	1.09
999	7/10/2007 02:31	18.21	52.448	34.61	6.9	8.08	4.7	1.02
1000	7/10/2007 02:46	18.5	52.419	34.59	7.07	8.11	3.7	0.97
1001	7/10/2007 03:01	18.57	52.439	34.6	6.72	8.1	2.7	0.97
1002	7/10/2007 03:16	18.58	52.476	34.63	6.43	8.09	2.4	0.97
1003	7/10/2007 03:31	18.54	52.461	34.62	7.49	8.14	5.5	0.98
1004	7/10/2007 03:46	18.81	52.478	34.63	7.86	8.18	5.0	1.03
1005	7/10/2007 04:01	18.58	52.452	34.61	7.71	8.15	7.2	1.09
1006	7/10/2007 04:16	18.67	52.459	34.62	7.97	8.18	5.8	1.15
1007	7/10/2007 04:31	18.59	52.43	34.6	7.96	8.17	6.0	1.21

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	7/10/2007 04:46	18.54	52.412	34.58	7.89	8.16	6.8	1.29
1009	7/10/2007 05:01	18.61	52.328	34.52	7.61	8.15	9.6	1.37
1010	7/10/2007 05:16	18.66	52.297	34.5	7.44	8.14	10.6	1.43
1011	7/10/2007 05:31	18.54	52.302	34.5	7.52	8.14	9.2	1.50
1012	7/10/2007 05:46	18.35	52.292	34.5	7.53	8.13	8.9	1.58
1013	7/10/2007 06:01	18.14	52.284	34.49	7.5	8.11	9.3	1.66
1014	7/10/2007 06:16	18.07	52.276	34.48	7.41	8.11	8.5	1.73
1015	7/10/2007 06:31	17.97	52.267	34.47	7.42	8.1	11.1	1.80
1016	7/10/2007 06:46	17.73	52.258	34.47	7.23	8.07	10.2	1.89
1017	7/10/2007 07:01	17.55	52.198	34.42	7	8.04	10.3	1.96
1018	7/10/2007 07:16	17.45	52.185	34.41	6.92	8.02	11.0	2.03
1019	7/10/2007 07:31	17.3	52.158	34.39	6.78	7.99	10.7	2.10
1020	7/10/2007 07:46	17.12	52.144	34.38	6.66	7.98	10.7	2.17
1021	7/10/2007 08:01	16.99	52.132	34.37	6.59	7.97	10.3	2.24
1022	7/10/2007 08:16	16.81	52.106	34.34	6.54	7.96	10.0	2.30
1023	7/10/2007 08:31	16.73	52.073	34.32	6.51	7.95	9.7	2.35
1024	7/10/2007 08:46	16.67	52.068	34.31	6.47	7.95	8.5	2.41
1025	7/10/2007 09:01	16.42	52.057	34.3	6.4	7.93	8.6	2.46
1026	7/10/2007 09:16	16.19	51.972	34.23	6.33	7.91	7.1	2.49
1027	7/10/2007 09:31	16.01	51.948	34.21	6.28	7.9	7.1	2.54
1028	7/10/2007 09:46	15.92	51.916	34.19	6.23	7.9	6.4	2.57
1029	7/10/2007 10:01	15.89	51.934	34.2	6.13	7.89	5.0	2.58
1030	7/10/2007 10:16	15.96	51.978	34.24	5.77	7.87	3.8	2.60
1031	7/10/2007 10:31	15.94	51.959	34.22	5.66	7.86	3.4	2.60
1032	7/10/2007 10:46	15.85	51.923	34.19	5.69	7.85	3.0	2.58
1033	7/10/2007 11:01	15.78	51.904	34.18	5.82	7.86	4.5	2.54
1034	7/10/2007 11:16	16.07	51.944	34.21	6.05	7.89	5.5	2.51
1035	7/10/2007 11:31	16.23	51.972	34.24	6.32	7.92	5.5	2.46
1036	7/10/2007 11:46	16.6	52.05	34.3	6.74	7.97	6.4	2.39
1037	7/10/2007 12:01	16.82	52.103	34.34	6.97	7.99	7.5	2.34
1038	7/10/2007 12:16	16.93	52.094	34.34	7.16	7.99	6.7	2.28
1039	7/10/2007 12:31	17.06	52.107	34.35	7.25	8.01	5.5	2.22
1040	7/10/2007 12:46	17.22	52.143	34.38	7.54	8.03	5.3	2.18
1041	7/10/2007 13:01	17.3	52.125	34.36	7.53	8.03	4.8	2.14
1042	7/10/2007 13:16	17.38	52.13	34.37	7.64	8.04	4.2	2.08
1043	7/10/2007 13:31	17.56	52.162	34.39	7.46	8.04	3.0	2.05
1044	7/10/2007 13:46	17.59	52.169	34.4	6.97	8.02	3.2	2.04
1045	7/10/2007 14:01	17.66	52.198	34.42	7.99	8.08	3.9	2.01
1046	7/10/2007 14:16	17.51	52.141	34.38	8.29	8.07	6.1	2.00
1047	7/10/2007 14:31	17.65	52.161	34.39	7.97	8.07	5.8	2.01
1048	7/10/2007 14:46	17.74	52.191	34.42	7.71	8.06	5.9	2.04
1049	7/10/2007 15:01	17.72	52.168	34.4	7.53	8.05	6.7	2.05
1050	7/10/2007 15:16	17.81	52.17	34.4	7.41	8.05	6.4	2.08
1051	7/10/2007 15:31	17.75	52.161	34.39	7.45	8.04	7.1	2.13
1052	7/10/2007 15:46	17.58	52.147	34.38	7.21	8.02	8.9	2.19
1053	7/10/2007 16:01	17.45	52.121	34.36	7.17	8.01	8.1	2.23
1054	7/10/2007 16:16	17.31	52.065	34.32	7.29	8	9.0	2.29
1055	7/10/2007 16:31	17.05	52.014	34.28	7.16	7.98	7.8	2.37

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	7/10/2007 16:46	16.92	52.027	34.29	7.02	7.97	8.6	2.43
1057	7/10/2007 17:01	16.67	51.979	34.25	6.73	7.95	8.3	2.48
1058	7/10/2007 17:16	16.44	51.937	34.21	6.58	7.93	8.9	2.57
1059	7/10/2007 17:31	15.88	51.889	34.17	6.4	7.89	9.7	2.64
1060	7/10/2007 17:46	15.4	51.861	34.14	6.3	7.87	8.3	2.72
1061	7/10/2007 18:01	14.93	51.838	34.11	6.05	7.84	9.1	2.79
1062	7/10/2007 18:16	14.54	51.812	34.08	5.64	7.8	11.4	2.88
1063	7/10/2007 18:31	14.31	51.802	34.06	5.41	7.78	12.2	2.97
1064	7/10/2007 18:46	14.01	51.789	34.04	5.42	7.78	14.4	3.05
1065	7/10/2007 19:01	13.46	51.756	34	6.4	7.84	14.4	3.13
1066	7/10/2007 19:16	13.08	51.734	33.97	7	7.88	14.7	3.21
1067	7/10/2007 19:31	12.8	51.728	33.95	7.28	7.9	11.5	3.29
1068	7/10/2007 19:46	12.62	51.72	33.94	7.5	7.91	11.4	3.35
1069	7/10/2007 20:01	12.44	51.736	33.94	7.8	7.93	7.4	3.42
1070	7/10/2007 20:16	12.43	51.703	33.92	7.91	7.93	6.4	3.46
1071	7/10/2007 20:31	12.26	51.685	33.9	8.18	7.95	5.2	3.49
1072	7/10/2007 20:46	12.26	51.687	33.9	8.16	7.95	5.3	3.52
1073	7/10/2007 21:01	12.67	51.518	33.79	7.5	7.91	3.7	3.53
1074	7/10/2007 21:16	12.58	51.799	34	7.57	7.92	3.5	3.53
1075	7/10/2007 21:31	12.4	51.735	33.94	7.85	7.93	4.2	3.51
1076	7/10/2007 21:46	12.36	51.698	33.91	7.94	7.94	4.4	3.47
1077	7/10/2007 22:01	12.53	51.671	33.9	7.89	7.93	5.9	3.41
1078	7/10/2007 22:16	13.7	51.804	34.05	6.9	7.89	6.6	3.34
1079	7/10/2007 22:31	14.15	51.763	34.03	6.92	7.91	9.6	3.26
1080	7/10/2007 22:46	14.64	51.826	34.09	6.65	7.9	8.6	3.15
1081	7/10/2007 23:01	14.54	51.798	34.07	6.77	7.9	9.7	3.05
1082	7/10/2007 23:16	14.57	51.834	34.09	6.74	7.9	11.8	2.95
1083	7/10/2007 23:31	14.79	51.844	34.11	6.8	7.91	10.0	2.83
1084	7/10/2007 23:46	15.57	51.887	34.16	7.02	7.94	12.0	2.69
1085	7/11/2007 00:01	16.02	51.929	34.2	7.19	7.97	7.7	2.59
1086	7/11/2007 00:16	16.31	51.955	34.22	7.1	7.98	11.1	2.46
1087	7/11/2007 00:31	16.55	51.979	34.25	7.18	7.98	10.2	2.33
1088	7/11/2007 00:46	16.63	52.001	34.26	7.16	7.99	10.3	2.20
1089	7/11/2007 01:01	16.56	51.958	34.23	7.04	7.98	10.7	2.06
1090	7/11/2007 01:16	16.49	51.986	34.25	7.12	7.98	10.9	1.93
1091	7/11/2007 01:31	16.43	51.949	34.22	7.04	7.98	8.6	1.81
1092	7/11/2007 01:46	16.5	51.977	34.24	6.93	7.97	11.9	1.65
1093	7/11/2007 02:01	16.72	52.012	34.27	6.87	7.98	13.2	1.52
1094	7/11/2007 02:16	16.87	52.024	34.28	6.8	7.98	14.4	1.35
1095	7/11/2007 02:31	17.06	52.05	34.31	6.72	7.99	11.0	1.24
1096	7/11/2007 02:46	17.31	52.087	34.34	6.76	8	10.5	1.10
1097	7/11/2007 03:01	17.39	52.071	34.32	6.65	8	8.7	0.98
1098	7/11/2007 03:16	17.44	52.113	34.36	6.64	8	7.8	0.91
1099	7/11/2007 03:31	17.75	52.18	34.41	6.64	8.02	4.5	0.83
1100	7/11/2007 03:46	17.82	52.189	34.42	6.35	8.01	8.6	0.80
1101	7/11/2007 04:01	17.95	52.264	34.47	5.92	7.99	3.3	0.78
1102	7/11/2007 04:16	17.77	52.305	34.5	6.83	8.04	8.6	0.78
1103	7/11/2007 04:31	18.38	52.322	34.52	7.59	8.14	6.3	0.84

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	7/11/2007 04:46	18.21	52.316	34.51	7.54	8.11	6.4	0.90
1105	7/11/2007 05:01	18.32	52.31	34.51	7.71	8.14	7.2	0.96
1106	7/11/2007 05:16	18.31	52.288	34.49	7.85	8.15	7.1	1.03
1107	7/11/2007 05:31	18.22	52.246	34.46	7.78	8.14	7.6	1.10
1108	7/11/2007 05:46	18.5	52.095	34.35	7.65	8.13	11.9	1.17
1109	7/11/2007 06:01	18.46	52.08	34.34	7.58	8.13	10.5	1.21
1110	7/11/2007 06:16	18.41	52.097	34.35	7.56	8.12	10.8	1.29
1111	7/11/2007 06:31	18.38	52.084	34.34	7.55	8.12	12.1	1.36
1112	7/11/2007 06:46	18.14	52.061	34.32	7.7	8.12	11.0	1.45
1113	7/11/2007 07:01	18	52.093	34.35	7.64	8.11	11.2	1.55
1114	7/11/2007 07:16	17.86	52.109	34.36	7.55	8.1	10.5	1.65
1115	7/11/2007 07:31	17.67	52.083	34.34	7.43	8.08	11.5	1.77
1116	7/11/2007 07:46	17.39	52.05	34.31	7.17	8.04	12.1	1.85
1117	7/11/2007 08:01	17.26	52.056	34.31	7.04	8.02	11.7	1.94
1118	7/11/2007 08:16	17.17	52.107	34.35	6.98	8.01		2.04
1119	7/11/2007 08:31	17.04	52.046	34.3	6.9	8	11.3	2.11
1120	7/11/2007 08:46	16.88	52.017	34.28	6.82	7.99	11.3	2.19
1121	7/11/2007 09:01	16.7	51.985	34.25	6.74	7.98	11.8	2.26
1122	7/11/2007 09:16	16.59	51.96	34.23	6.7	7.97	10.0	2.32
1123	7/11/2007 09:31	16.43	51.915	34.2	6.63	7.96	11.4	2.40
1124	7/11/2007 09:46	16.18	51.845	34.14	6.61	7.94	10.7	2.45
1125	7/11/2007 10:01	15.95	51.8	34.1	6.55	7.93	11.2	2.51
1126	7/11/2007 10:16	15.68	51.761	34.07	6.54	7.92	9.5	2.55
1127	7/11/2007 10:31	15.53	51.756	34.06	6.51	7.91	9.0	2.61
1128	7/11/2007 10:46	15.23	51.687	34	6.37	7.89	7.4	2.65
1129	7/11/2007 11:01	15.23	51.661	33.99	6.32	7.89	7.1	2.67
1130	7/11/2007 11:16	14.87	51.659	33.98	6.06	7.86	6.4	2.70
1131	7/11/2007 11:31	14.99	51.59	33.93	5.51	7.84	3.1	2.70
1132	7/11/2007 11:46	15.03	51.59	33.93	5.47	7.83	2.7	2.71
1133	7/11/2007 12:01	14.85	51.633	33.96	5.43	7.82	3.8	2.67
1134	7/11/2007 12:16	14.92	51.559	33.9	5.73	7.84	5.5	2.66
1135	7/11/2007 12:31	15.28	51.677	34	6.03	7.88	7.1	2.62
1136	7/11/2007 12:46	15.72	51.745	34.06	6.51	7.93	7.5	2.56
1137	7/11/2007 13:01	15.98	51.777	34.09	6.8	7.95	7.2	2.50
1138	7/11/2007 13:16	16.26	51.777	34.09	6.92	7.97	9.3	2.44
1139	7/11/2007 13:31	16.43	51.821	34.13	7.1	7.98	9.0	2.37
1140	7/11/2007 13:46	16.52	51.829	34.14	7.06	7.98	6.9	2.30
1141	7/11/2007 14:01	16.72	51.843	34.15	7.18	8	5.0	2.27
1142	7/11/2007 14:16	16.85	51.974	34.25	7.31	8.01	5.5	2.21
1143	7/11/2007 14:31	16.97	51.871	34.17	7.5	8.02	3.8	2.17
1144	7/11/2007 14:46	17.05	51.881	34.18	7.74	8.04	4.5	2.13
1145	7/11/2007 15:01	17.14	51.942	34.23	7.61	8.03	2.6	2.11
1146	7/11/2007 15:16	17.14	51.943	34.23	8.25	8.06	6.6	2.11
1147	7/11/2007 15:31	17.06	51.885	34.18	8.06	8.05	6.2	2.08
1148	7/11/2007 15:46	17.09	51.883	34.18	7.8	8.04	6.4	2.09
1149	7/11/2007 16:01	17.1	51.912	34.2	7.72	8.03	7.2	2.15
1150	7/11/2007 16:16	17.17	51.913	34.21	7.57	8.03	9.1	2.15
1151	7/11/2007 16:31	17.23	51.929	34.22	7.45	8.03	6.6	2.17

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	7/11/2007 16:46	17.18	51.922	34.21	7.38	8.02	10.1	2.24
1153	7/11/2007 17:01	17.09	51.91	34.2	7.19	8.01	8.8	2.29
1154	7/11/2007 17:16	16.95	51.863	34.17	7.17	8	8.0	2.35
1155	7/11/2007 17:31	16.63	51.799	34.11	7.21	7.99	9.2	2.42
1156	7/11/2007 17:46	16.4	51.78	34.1	7.08	7.97	8.7	2.48
1157	7/11/2007 18:01	16.17	51.737	34.06	6.82	7.95	10.1	2.55
1158	7/11/2007 18:16	15.36	51.639	33.97	6.39	7.9	11.7	2.63
1159	7/11/2007 18:31	14.82	51.582	33.92	6.24	7.87	10.7	2.70
1160	7/11/2007 18:46	14.63	51.603	33.93	6.22	7.87	10.2	2.79
1161	7/11/2007 19:01	14.56	51.603	33.93	6.21	7.87	10.0	2.87
1162	7/11/2007 19:16	14.24	51.555	33.88	6.35	7.87	13.3	2.96
1163	7/11/2007 19:31	13.93	51.548	33.87	6.49	7.87	13.9	3.05
1164	7/11/2007 19:46	13.57	51.486	33.81	6.41	7.87	15.0	3.12
1165	7/11/2007 20:01	13.31	51.459	33.78	6.6	7.88	14.9	3.22
1166	7/11/2007 20:16	13.12	51.444	33.76	6.88	7.89	11.0	3.29
1167	7/11/2007 20:31	12.99	51.423	33.74	7.16	7.91	11.1	3.37
1168	7/11/2007 20:46	12.8	51.4	33.71	7.56	7.94	11.5	3.45
1169	7/11/2007 21:01	12.72	51.379	33.69	7.86	7.94	9.1	3.50
1170	7/11/2007 21:16	12.74	51.365	33.69	7.97	7.96	6.9	3.54
1171	7/11/2007 21:31	12.58	51.365	33.68	8.28	7.98	5.0	3.59
1172	7/11/2007 21:46	12.51	51.362	33.67	8.36	7.99	4.9	3.62
1173	7/11/2007 22:01	12.59	51.313	33.64	7.73	7.95	3.8	3.61
1174	7/11/2007 22:16	12.93	51.407	33.72	7.44	7.93	3.9	3.60
1175	7/11/2007 22:31	12.57	51.421	33.72	8.2	7.98	6.9	3.59
1176	7/11/2007 22:46	12.55	51.363	33.68	8.26	7.98	6.1	3.54
1177	7/11/2007 23:01	12.82	51.476	33.77	7.88	7.96	6.4	3.46
1178	7/11/2007 23:16	13.67	51.446	33.78	6.73	7.89	6.7	3.38
1179	7/11/2007 23:31	13.9	51.495	33.83	6.19	7.85	6.6	3.29
1180	7/11/2007 23:46	14	51.454	33.8	6.75	7.9	8.5	3.18
1181	7/12/2007 00:01	13.95	51.506	33.83	6.83	7.91	8.9	3.06
1182	7/12/2007 00:16	14.16	51.455	33.8	6.87	7.91	9.5	2.94
1183	7/12/2007 00:31	14.78	51.516	33.87	6.74	7.91	12.3	2.81
1184	7/12/2007 00:46	15.21	51.582	33.93	6.69	7.92	11.3	2.68
1185	7/12/2007 01:01	15.71	51.629	33.97	6.67	7.93	7.9	2.55
1186	7/12/2007 01:16	16.09	51.693	34.03	6.65	7.94	10.9	2.42
1187	7/12/2007 01:31	16.28	51.658	34.01	6.61	7.95	11.6	2.26
1188	7/12/2007 01:46	16.07	51.736	34.06	6.5	7.93	11.3	2.12
1189	7/12/2007 02:01	16.13	51.702	34.03	6.63	7.95	10.5	1.98
1190	7/12/2007 02:16	16.18	51.709	34.04	6.67	7.95	10.5	1.83
1191	7/12/2007 02:31	16.17	51.704	34.04	6.58	7.95	14.9	1.67
1192	7/12/2007 02:46	16.2	51.724	34.05	6.44	7.93	15.5	1.52
1193	7/12/2007 03:01	16.36	51.755	34.08	6.41	7.94	14.1	1.37
1194	7/12/2007 03:16	16.44	51.718	34.05	6.25	7.93	13.3	1.21
1195	7/12/2007 03:31	16.78	51.765	34.09	6.39	7.96	12.1	1.05
1196	7/12/2007 03:46	16.83	51.81	34.13	6.22	7.95	9.8	0.94
1197	7/12/2007 04:01	16.97	51.82	34.14	6.18	7.96	9.3	0.81
1198	7/12/2007 04:16	17.05	51.876	34.18	6.18	7.96	6.3	0.71
1199	7/12/2007 04:31	17.14	51.902	34.2	5.99	7.95	5.3	0.64

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	7/12/2007 04:46	17.34	52.031	34.29	5.62	7.94	7.8	0.61
1201	7/12/2007 05:01	17.39	51.985	34.26	6.69	8.01	8.5	0.63
1202	7/12/2007 05:16	17.22	51.942	34.23	6.6	8	7.8	0.68
1203	7/12/2007 05:31	17.28	51.902	34.2	6.68	8.01		0.74
1204	7/12/2007 05:46	17.47	51.925	34.22	6.84	8.03	8.7	0.80
1205	7/12/2007 06:01	17.7	51.992	34.27	7.09	8.07	8.0	0.87
1206	7/12/2007 06:16	17.71	51.828	34.15	7.18	8.07	7.9	0.94
1207	7/12/2007 06:31	17.69	51.997	34.27	7.18	8.07	8.5	0.99
1208	7/12/2007 06:46	17.88	51.847	34.16	6.92	8.05	14.3	1.08
1209	7/12/2007 07:01	17.87	51.702	34.06	6.85	8.05	13.3	1.14
1210	7/12/2007 07:16	17.78	51.785	34.12	6.84	8.04	12.9	1.23
1211	7/12/2007 07:31	17.64	51.754	34.09	6.88	8.04	11.9	1.31
1212	7/12/2007 07:46	17.47	51.905	34.2	6.85	8.03	12.1	1.41
1213	7/12/2007 08:01	17.33	51.82	34.14	6.82	8.02	11.2	1.52
1214	7/12/2007 08:16	17.3	51.771	34.1	6.86	8.03	11.4	1.61
1215	7/12/2007 08:31	17.07	51.803	34.12	6.78	8.01	11.6	1.72
1216	7/12/2007 08:46	16.92	51.672	34.03	6.76	8	12.8	1.83
1217	7/12/2007 09:01	16.84	51.751	34.08	6.72	7.99	12.2	1.93
1218	7/12/2007 09:16	16.78	51.915	34.2	6.69	7.98	13.1	2.03
1219	7/12/2007 09:31	16.67	51.766	34.09	6.67	7.97	14.7	2.13
1220	7/12/2007 09:46	16.44	51.68	34.02	6.62	7.96	13.3	2.22
1221	7/12/2007 10:01	16.31	51.591	33.96	6.6	7.96	14.4	2.31
1222	7/12/2007 10:16	16.17	51.657	34	6.55	7.95	12.8	2.38
1223	7/12/2007 10:31	15.94	51.56	33.93	6.52	7.94	15.8	2.46
1224	7/12/2007 10:46	15.53	51.482	33.86	6.47	7.92	13.5	2.53
1225	7/12/2007 11:01	15.15	51.42	33.81	6.46	7.91	18.2	2.59
1226	7/12/2007 11:16	14.73	51.405	33.78	6.3	7.88	13.8	2.65
1227	7/12/2007 11:31	14.51	51.343	33.73	6.14	7.87	12.7	2.71
1228	7/12/2007 11:46	14.36	51.3	33.7	6.1	7.86	9.8	2.75
1229	7/12/2007 12:01	14.3	51.291	33.69	6.01	7.86	7.4	2.79
1230	7/12/2007 12:16	14.29	51.266	33.67	5.93	7.85	7.3	2.82
1231	7/12/2007 12:31	14.65	51.272	33.69	5.74	7.85	4.2	2.82
1232	7/12/2007 12:46	14.34	51.32	33.71	5.57	7.83	4.9	2.82
1233	7/12/2007 13:01	14.28	51.304	33.7	5.6	7.83	5.5	2.79
1234	7/12/2007 13:16	14.44	51.254	33.67	5.82	7.85	6.3	2.75
1235	7/12/2007 13:31	14.82	51.3	33.71	6.19	7.88	9.3	2.69
1236	7/12/2007 13:46	14.81	51.286	33.7	6.28	7.89	7.5	2.63
1237	7/12/2007 14:01	15.54	51.3	33.73	6.9	7.95	9.5	2.55
1238	7/12/2007 14:16	16.01	51.378	33.79	7.26	7.98	9.0	2.47
1239	7/12/2007 14:31	16.11	51.411	33.82	7.3	7.99	8.2	2.42
1240	7/12/2007 14:46	16.45	51.384	33.81	7.47	8	8.6	2.35
1241	7/12/2007 15:01	16.69	51.369	33.8	7.51	8.01	6.8	2.28
1242	7/12/2007 15:16	17	51.391	33.82	7.98	8.03	7.4	2.24
1243	7/12/2007 15:31	17.1	51.442	33.86	7.57	8.02	5.0	2.21
1244	7/12/2007 15:46	17.17	51.578	33.96	7.44	8.01	4.7	2.16
1245	7/12/2007 16:01	17.29	51.541	33.93	7.7	8.02	3.9	2.11
1246	7/12/2007 16:16	17.38	51.67	34.03	7.42	8.03	4.3	2.11
1247	7/12/2007 16:31	17.4	51.41	33.84	8.83	8.08	5.2	2.10

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1248	7/12/2007 16:46	17.4	51.413	33.84	9.04	8.1	6.7	2.10
1249	7/12/2007 17:01	17.59	51.451	33.87	8.8	8.09	5.7	2.10
1250	7/12/2007 17:16	17.48	51.467	33.88	8.39	8.07	6.9	2.14
1251	7/12/2007 17:31	17.44	51.415	33.84	8.08	8.06	11.4	2.18
1252	7/12/2007 17:46	17.4	51.521	33.92	7.93	8.04	8.4	2.22
1253	7/12/2007 18:01	17.2	51.497	33.9	7.78	8.03	13.8	2.28
1254	7/12/2007 18:16	17.11	51.322	33.77	7.92	8.03	9.3	2.34
1255	7/12/2007 18:31	16.73	51.394	33.82	7.68	8.01	10.3	2.41
1256	7/12/2007 18:46	16.52	51.371	33.8	7.53	8	10.3	2.48
1257	7/12/2007 19:01	16.08	51.309	33.74	7.15	7.96	10.7	2.55
1258	7/12/2007 19:16	15.41	51.242	33.68	6.77	7.92	11.2	2.63
1259	7/12/2007 19:31	15.08	51.213	33.65	6.61	7.91	11.4	2.71
1260	7/12/2007 19:46	14.9	51.195	33.64	6.6	7.91	11.0	2.80
1261	7/12/2007 20:01	14.71	51.167	33.61	6.61	7.9	10.9	2.88
1262	7/12/2007 20:16	14.37	51.111	33.56	6.77	7.91	11.0	2.98
1263	7/12/2007 20:31	14.01	51.068	33.52	6.97	7.92	11.8	3.07
1264	7/12/2007 20:46	13.67	51.012	33.46	7.01	7.91	15.2	3.15
1265	7/12/2007 21:01	13.35	50.928	33.39	7.27	7.93	13.7	3.24
1266	7/12/2007 21:16	13.18	50.985	33.43	7.65	7.95	12.1	3.33
1267	7/12/2007 21:31	13.03	50.883	33.35	8.01	7.96	12.7	3.41
1268	7/12/2007 21:46	12.89	50.923	33.37	8.2	7.98	10.3	3.48
1269	7/12/2007 22:01	12.81	50.902	33.35	8.34	7.99	6.7	3.55
1270	7/12/2007 22:16	12.8	50.861	33.32	8.38	7.99	6.0	3.59
1271	7/12/2007 22:31	12.76	50.881	33.33	8.47	8	4.9	3.63
1272	7/12/2007 22:46	12.74	50.909	33.35	8.4	7.99	4.6	3.66
1273	7/12/2007 23:01	13.18	50.835	33.32	7.84	7.97	4.1	3.66
1274	7/12/2007 23:16	13.04	50.998	33.43	8	7.98	3.9	3.64
1275	7/12/2007 23:31	12.91	50.937	33.38	8.23	7.99	5.0	3.60
1276	7/12/2007 23:46	13.01	50.926	33.38	8.23	7.98	4.4	3.54
1277	7/13/2007 00:01	13.67	50.811	33.32	7.85	7.97	5.3	3.47
1278	7/13/2007 00:16	14.2	51.054	33.51	7.16	7.93	8.7	3.36
1279	7/13/2007 00:31	14.74	51.114	33.57	6.8	7.93	11.3	3.25
1280	7/13/2007 00:46	13.97	51.105	33.54	7.22	7.95	9.7	3.14
1281	7/13/2007 01:01	14.18	50.966	33.45	7.48	7.95	9.5	3.01
1282	7/13/2007 01:16	14.35	51.067	33.53	7.28	7.94	9.1	2.88
1283	7/13/2007 01:31	14.81	51.136	33.59	7.14	7.95	8.9	2.75
1284	7/13/2007 01:46	15.35	51.16	33.62	7.01	7.94	9.2	2.62
1285	7/13/2007 02:01	15.85	51.226	33.68	7.06	7.96	10.2	2.48
1286	7/13/2007 02:16	16.13	51.241	33.7	7.11	7.97	9.4	2.35
1287	7/13/2007 02:31	16.24	51.276	33.72	7.01	7.97	8.3	2.18
1288	7/13/2007 02:46	15.9	51.246	33.7	6.95	7.95	11.6	2.03
1289	7/13/2007 03:01	15.96	51.255	33.7	7.01	7.96	10.6	1.89
1290	7/13/2007 03:16	16.09	51.227	33.69	7.07	7.96	12.2	1.72
1291	7/13/2007 03:31	16.15	51.277	33.72	6.96	7.96	15.2	1.56
1292	7/13/2007 03:46	16.28	51.12	33.61	6.85	7.96	15.9	1.40
1293	7/13/2007 04:01	16.32	51.178	33.65	6.75	7.95	12.3	1.25
1294	7/13/2007 04:16	16.48	51.208	33.68	6.71	7.95	11.8	1.07
1295	7/13/2007 04:31	16.75	51.295	33.75	6.85	7.97	11.1	0.93

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	7/13/2007 04:46	16.97	51.244	33.71	6.9	7.98	8.6	0.80
1297	7/13/2007 05:01	17.25	51.228	33.7	7.06	8	9.4	0.69
1298	7/13/2007 05:16	17.3	51.392	33.82	6.68	7.99	6.6	0.60
1299	7/13/2007 05:31	17.27	51.39	33.82	6.29	7.96	5.7	0.54
1300	7/13/2007 05:46	17.04	51.474	33.88	6.72	7.98	12.3	0.53
1301	7/13/2007 06:01	17.72	51.521	33.92	7.49	8.05	7.9	0.57
1302	7/13/2007 06:16	17.43	51.46	33.87	7.28	8.03	7.8	0.62
1303	7/13/2007 06:31	17.59	51.442	33.86	7.48	8.05	7.5	0.71
1304	7/13/2007 06:46	17.83	51.525	33.93	7.92	8.09	7.8	0.79
1305	7/13/2007 07:01	17.83	51.506	33.91	8.01	8.1	7.8	0.86
1306	7/13/2007 07:16	17.73	51.474	33.89	7.96	8.09	7.6	0.94
1307	7/13/2007 07:31	18.03	51.308	33.77	7.66	8.07	12.0	1.00
1308	7/13/2007 07:46	18.03	51.274	33.74	7.59	8.07	12.5	1.08
1309	7/13/2007 08:01	17.98	51.267	33.74	7.6	8.07	12.8	1.17
1310	7/13/2007 08:16	17.98	51.236	33.71	7.54	8.06	13.2	1.25
1311	7/13/2007 08:31	17.83	51.242	33.72	7.59	8.06	12.4	1.35
1312	7/13/2007 08:46	17.55	51.256	33.73	7.54	8.05	11.5	1.47
1313	7/13/2007 09:01	17.42	51.248	33.72	7.52	8.04	11.3	1.57
1314	7/13/2007 09:16	17.25	51.251	33.72	7.49	8.04	12.2	1.68
1315	7/13/2007 09:31	16.99	51.178	33.66	7.31	8.01	13.0	1.79
1316	7/13/2007 09:46	16.94	51.161	33.65	7.28	8.01	12.9	1.91
1317	7/13/2007 10:01	16.98	51.163	33.65	7.31	8.01	13.3	2.01
1318	7/13/2007 10:16	16.91	51.14	33.63	7.29	8	15.8	2.12
1319	7/13/2007 10:31	16.71	51.087	33.59	7.23	7.99	13.9	2.21
1320	7/13/2007 10:46	16.53	51.037	33.55	7.17	7.99	15.1	2.31
1321	7/13/2007 11:01	16.44	50.994	33.52	7.1	7.98	14.9	2.39
1322	7/13/2007 11:16	15.98	50.91	33.45	6.96	7.95	17.7	2.47
1323	7/13/2007 11:31	15.58	50.854	33.4	6.79	7.93	15.9	2.56
1324	7/13/2007 11:46	15.09	50.811	33.36	6.67	7.92	16.9	2.62
1325	7/13/2007 12:01	14.73	50.725	33.29	6.55	7.9	14.5	2.68
1326	7/13/2007 12:16	14.55	50.684	33.25	6.21	7.88	12.2	2.75
1327	7/13/2007 12:31	14.43	50.654	33.23	5.83	7.85	10.2	2.80
1328	7/13/2007 12:46	14.33	50.673	33.24	5.7	7.84	8.3	2.85
1329	7/13/2007 13:01	14.53	50.538	33.14	5.73	7.84	6.7	2.88
1330	7/13/2007 13:16	14.54	50.742	33.29	5.3	7.82	3.8	2.89
1331	7/13/2007 13:31	14.59	50.746	33.3	4.87	7.79	3.8	2.89
1332	7/13/2007 13:46	14.29	50.728	33.28	5.79	7.85	5.4	2.87
1333	7/13/2007 14:01	14.35	50.686	33.25	6.09	7.86	6.1	2.83
1334	7/13/2007 14:16	14.66	50.597	33.19	6.26	7.88	7.5	2.75
1335	7/13/2007 14:31	14.83	50.796	33.34	6.5	7.9	9.1	2.69
Mean		17.02	52.12	34.34	6.87	8.00	8.4	2.19
Standard Dev.		1.88	0.39	0.31	0.88	0.10	3.6	0.71

Values in bold red type indicate exceedance of established applicable criteria

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

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #4

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	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	7/13/2007 14:46	15.57	50.906	33.44	7.46	7.85		2.01
1	7/13/2007 15:01	16.39	51.12	33.61	7.87	7.97		1.93
2	7/13/2007 15:16	16.61	51.178	33.66	7.91	8		1.85
3	7/13/2007 15:31	16.88	51.109	33.61	7.96	8.03	12.8	1.78
4	7/13/2007 15:46	17.08	51.256	33.72	8	8.04	10.2	1.71
5	7/13/2007 16:01	17.34	51.244	33.71	8.11	8.06	7.8	1.64
6	7/13/2007 16:16	17.64	51.248	33.72	8.18	8.07	12.5	1.60
7	7/13/2007 16:31	17.8	51.005	33.54	8.39	8.08	6.8	1.55
8	7/13/2007 16:46	17.94	51.402	33.84	8.39	8.09	5.7	1.50
9	7/13/2007 17:01	18.07	51.476	33.89	8.34	8.1	6.4	1.47
10	7/13/2007 17:16	18.15	51.489	33.9	8.45	8.1	5.4	1.46
11	7/13/2007 17:31	18.3	51.49	33.9	8.31	8.1	6.1	1.45
12	7/13/2007 17:46	18.33	51.247	33.72	8.37	8.1	5.1	1.45
13	7/13/2007 18:01	18.35	51.247	33.72	8.15	8.09	5.0	1.48
14	7/13/2007 18:16	18.29	51.549	33.95	9.04	8.14	4.3	1.53
15	7/13/2007 18:31	18.31	51.487	33.9	9.2	8.14	4.8	1.55
16	7/13/2007 18:46	18.27	51.4	33.84	9	8.14	5.2	1.60
17	7/13/2007 19:01	18.28	51.345	33.8	8.91	8.12	5.9	1.67
18	7/13/2007 19:16	18.44	51.233	33.71	8.8	8.12	7.8	1.73
19	7/13/2007 19:31	17.91	51.428	33.86	8.38	8.09	6.0	1.81
20	7/13/2007 19:46	17.59	51.322	33.77	8.15	8.07	5.4	1.87
21	7/13/2007 20:01	17.21	51.355	33.8	7.72	8.04	5.7	1.95
22	7/13/2007 20:16	16.38	51.505	33.89	7.39	8	4.7	2.03
23	7/13/2007 20:31	15.72	51.325	33.75	7.25	7.98	5.2	2.11
24	7/13/2007 20:46	15.4	51.023	33.52	7.23	7.98	5.2	2.20
25	7/13/2007 21:01	15.21	51.264	33.69	7.14	7.97	5.4	2.29
26	7/13/2007 21:16	14.77	51.205	33.64	7.15	7.96	4.8	2.39
27	7/13/2007 21:31	14.36	51.157	33.59	7.09	7.96	5.3	2.48
28	7/13/2007 21:46	14.03	50.993	33.46	7.24	7.96	4.3	2.56
29	7/13/2007 22:01	13.71	51.175	33.58	7.49	7.97	5.4	2.67
30	7/13/2007 22:16	13.47	51.108	33.53	7.88	7.99	4.4	2.75
31	7/13/2007 22:31	13.33	50.994	33.44	7.98	8	3.5	2.83
32	7/13/2007 22:46	13.21	51.173	33.56	8.08	8.01	3.2	2.91
33	7/13/2007 23:01	13.16	51.214	33.59	8.13	8.02	3.1	2.97
34	7/13/2007 23:16	13.15	51.01	33.44	8.11	8.02	2.5	3.02
35	7/13/2007 23:31	13.2	51.279	33.64	8.06	8.02	2.2	3.05
36	7/13/2007 23:46	13.22	51.124	33.53	8.04	8.02	2.2	3.07
37	7/14/2007 00:01	13.44	51.158	33.56	7.86	8.01	2.1	3.06
38	7/14/2007 00:16	13.4	50.989	33.44	7.78	8	2.0	3.04
39	7/14/2007 00:31	13.36	51.309	33.67	7.79	8	1.8	2.99
40	7/14/2007 00:46	13.4	51.282	33.65	7.9	8	2.6	2.91
41	7/14/2007 01:01	13.81	51.065	33.51	7.8	8.01	2.4	2.82
42	7/14/2007 01:16	14.28	50.965	33.45	7.53	8	3.7	2.71
43	7/14/2007 01:31	14.46	51.327	33.72	7.48	8	3.9	2.59
44	7/14/2007 01:46	14.46	51.234	33.65	7.34	7.99	3.7	2.47
45	7/14/2007 02:01	14.4	51.071	33.53	7.3	7.98	4.8	2.33
46	7/14/2007 02:16	14.67	51.271	33.68	7.24	7.98	4.2	2.21
47	7/14/2007 02:31	15.06	51.159	33.61	7.17	7.98	3.6	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
48	7/14/2007 02:46	15.61	51.088	33.57	7.16	7.99	4.6	1.93
49	7/14/2007 03:01	16	51.284	33.72	7.14	7.99	4.2	1.79
50	7/14/2007 03:16	16.37	51.364	33.79	7.17	8	4.2	1.64
51	7/14/2007 03:31	16.52	51.377	33.8	7.17	8	4.3	1.49
52	7/14/2007 03:46	16.46	51.394	33.81	7.17	8	5.4	1.34
53	7/14/2007 04:01	16.49	51.511	33.9	7.13	7.99	5.4	1.18
54	7/14/2007 04:16	16.54	51.357	33.79	7.04	7.99	5.2	1.02
55	7/14/2007 04:31	16.62	51.446	33.85	6.99	7.98	5.3	0.86
56	7/14/2007 04:46	16.78	51.064	33.58	6.95	7.98	4.8	0.69
57	7/14/2007 05:01	16.98	51.494	33.89	6.94	7.98	5.6	0.52
58	7/14/2007 05:16	17.25	51.415	33.84	6.93	8	5.0	0.37
59	7/14/2007 05:31	17.43	51.542	33.94	6.85	8	4.1	0.23
60	7/14/2007 05:46	17.7	51.316	33.77	7.12	8	5.1	0.08
61	7/14/2007 06:01	17.76	51.557	33.95	7.12	7.99	2.9	0.06
62	7/14/2007 06:16	18.22	51.685	34.05	7.12	8.03		0.06
63	7/14/2007 06:31	18.4			7.01	8.03	5.9	0.06
64	7/14/2007 06:46	18.59	51.016	33.56	6.94	8.05	4.2	0.06
65	7/14/2007 07:01	18.86	51.4	33.84	7.51	8.1	3.1	0.06
66	7/14/2007 07:16	18.92	51.225	33.71	7.78	8.12	2.5	0.11
67	7/14/2007 07:31	18.88	51.75	34.1	7.98	8.13	3.0	0.18
68	7/14/2007 07:46	18.87	51.913	34.22	8.07	8.13	3.0	0.26
69	7/14/2007 08:01	18.87	51.721	34.08	8.16	8.14	4.0	0.34
70	7/14/2007 08:16	19.01	51.82	34.15	8.04	8.13	5.6	0.41
71	7/14/2007 08:31	19.13	51.755	34.1	7.92	8.12	5.7	0.48
72	7/14/2007 08:46	19.2	51.547	33.95	7.87	8.11	5.9	0.57
73	7/14/2007 09:01	19.14	51.912	34.22	7.78	8.1	5.0	0.67
74	7/14/2007 09:16	18.91	51.732	34.08	7.83	8.1	5.9	0.77
75	7/14/2007 09:31	18.66	51.828	34.15	7.9	8.09	5.9	0.88
76	7/14/2007 09:46	18.42	51.923	34.22	7.79	8.08	5.1	0.99
77	7/14/2007 10:01	18.13	51.629	34	7.69	8.06	6.4	1.11
78	7/14/2007 10:16	17.95	51.722	34.07	7.61	8.05	5.4	1.23
79	7/14/2007 10:31	17.89	51.726	34.07	7.6	8.05	5.9	1.34
80	7/14/2007 10:46	17.88	51.715	34.07	7.56	8.04	6.1	1.46
81	7/14/2007 11:01	17.77	51.666	34.03	7.58	8.04	7.1	1.56
82	7/14/2007 11:16	17.59	51.602	33.98	7.55	8.03	6.7	1.66
83	7/14/2007 11:31	17.35	51.57	33.95	7.46	8.02	7.1	1.75
84	7/14/2007 11:46	17.13	51.645	34.01	7.34	8.01	6.6	1.84
85	7/14/2007 12:01	16.69	51.56	33.94	7.14	7.99	6.7	1.92
86	7/14/2007 12:16	16.21	51.573	33.94	6.93	7.97	5.7	2.01
87	7/14/2007 12:31	15.72	51.368	33.78	6.89	7.96	6.7	2.07
88	7/14/2007 12:46	15.33	51.346	33.76	6.9	7.95	4.5	2.14
89	7/14/2007 13:01	15.08	51.241	33.67	6.89	7.94	3.9	2.21
90	7/14/2007 13:16	14.94	51.481	33.85	6.9	7.95	3.9	2.26
91	7/14/2007 13:31	14.83	51.22	33.65	6.87	7.94	3.1	2.31
92	7/14/2007 13:46	14.86	51.325	33.73	6.77	7.94	2.4	2.34
93	7/14/2007 14:01	14.91	51.226	33.66	6.66	7.93	1.8	2.36
94	7/14/2007 14:16	15.03	51.508	33.87	6.52	7.94	1.8	2.35
95	7/14/2007 14:31	15.01	51.159	33.61	6.61	7.95	2.9	2.32

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
96	7/14/2007 14:46	14.96	51.365	33.76	6.72	7.95	3.5	2.27
97	7/14/2007 15:01	15.09	51.483	33.85	6.78	7.95	4.0	2.20
98	7/14/2007 15:16	15.28	51.487	33.86	6.97	7.97	4.7	2.12
99	7/14/2007 15:31	15.65	51.138	33.61	7.22	7.99	3.4	2.04
100	7/14/2007 15:46	16.41	51.324	33.76	7.9	8.04	5.7	1.95
101	7/14/2007 16:01	16.88	51.262	33.72	8.2	8.06	5.1	1.87
102	7/14/2007 16:16	17.31	51.481	33.89	8.49	8.09	5.0	1.79
103	7/14/2007 16:31	17.59	51.552	33.94	8.34	8.09	5.4	1.72
104	7/14/2007 16:46	18.02	51.617	34	8.68	8.11	5.4	1.65
105	7/14/2007 17:01	18.31	51.347	33.8	8.81	8.12	3.1	1.59
106	7/14/2007 17:16	18.51	51.684	34.05	9.02	8.14	3.2	1.54
107	7/14/2007 17:31	18.56	51.696	34.06	8.82	8.12	2.8	1.48
108	7/14/2007 17:46	18.86	51.668	34.04	9.06	8.14	2.3	1.45
109	7/14/2007 18:01	18.99	51.663	34.03	9.67	8.17	2.0	1.43
110	7/14/2007 18:16	19.09	51.622	34	9.35	8.16	1.7	1.39
111	7/14/2007 18:31	19.21	51.728	34.08	9.24	8.16	1.8	1.39
112	7/14/2007 18:46	19.25	51.697	34.06	9.56	8.18	2.2	1.41
113	7/14/2007 19:01	19.24	51.515	33.92	9.38	8.17	2.0	1.43
114	7/14/2007 19:16	19.2	51.706	34.06	10.12	8.2	3.7	1.47
115	7/14/2007 19:31	19.18	51.653	34.03	10.1	8.2	3.8	1.51
116	7/14/2007 19:46	19.07	51.48	33.9	9.89	8.18	3.8	1.58
117	7/14/2007 20:01	19.15	51.592	33.98	9.56	8.16	7.9	1.65
118	7/14/2007 20:16	19.15	51.785	34.12	9.38	8.15	5.4	1.72
119	7/14/2007 20:31	18.62	51.699	34.06	9.09	8.13	4.2	1.80
120	7/14/2007 20:46	18.26	51.647	34.02	8.83	8.1	3.7	1.88
121	7/14/2007 21:01	17.7	51.689	34.05	8.41	8.07	3.8	1.95
122	7/14/2007 21:16	16.67	51.642	34	7.96	8.03	3.9	2.04
123	7/14/2007 21:31	16.26	51.262	33.71	7.77	8.01	5.6	2.13
124	7/14/2007 21:46	16.01	51.42	33.83	7.71	8	4.2	2.21
125	7/14/2007 22:01	15.69	51.576	33.93	7.64	7.99	3.8	2.31
126	7/14/2007 22:16	15.11	51.555	33.91	7.44	7.97	4.2	2.40
127	7/14/2007 22:31	14.8	51.368	33.76	6.98	7.95	3.5	2.50
128	7/14/2007 22:46	14.37	51.213	33.63	6.81	7.92	4.0	2.59
129	7/14/2007 23:01	13.97	51.478	33.82	7.34	7.94	3.5	2.68
130	7/14/2007 23:16	13.7	51.184	33.59	7.72	7.97	3.2	2.76
131	7/14/2007 23:31	13.53	51.338	33.7	8.02	7.98	2.4	2.84
132	7/14/2007 23:46	13.47	51.184	33.58	8.08	7.99	2.1	2.91
133	7/15/2007 00:01	13.45	51.261	33.64	8.03	8	1.5	2.96
134	7/15/2007 00:16	13.48	51.253	33.63	7.96	8	1.9	3.00
135	7/15/2007 00:31	13.52	51.372	33.72	7.91	8	1.0	3.02
136	7/15/2007 00:46	13.7	51.264	33.65	7.59	7.98	0.9	3.03
137	7/15/2007 01:01	13.81	51.351	33.72	7.58	7.98	1.1	3.00
138	7/15/2007 01:16	13.85	51.246	33.64	7.52	7.99	1.4	2.95
139	7/15/2007 01:31	14.07	51.14	33.57	7.62	7.99	1.7	2.88
140	7/15/2007 01:46	14.67	51.356	33.75	7.47	8	1.7	2.81
141	7/15/2007 02:01	14.63	51.128	33.58	7.47	7.99	2.3	2.69
142	7/15/2007 02:16	15.24	51.357	33.76	7.17	7.98	2.9	2.58
143	7/15/2007 02:31	15.09	51.391	33.78	7.03	7.97	2.8	2.46

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
144	7/15/2007 02:46	14.95	51.109	33.57	7.08	7.97	4.4	2.33
145	7/15/2007 03:01	15.23	51.392	33.79	7.13	7.97	4.0	2.20
146	7/15/2007 03:16	15.71	51.314	33.74	7.11	7.98	3.9	2.07
147	7/15/2007 03:31	16.14	51.338	33.77	7.11	7.99	4.0	1.93
148	7/15/2007 03:46	16.59	51.37	33.8	7.14	7.99	4.3	1.80
149	7/15/2007 04:01	16.95	51.462	33.87	7.18	8.01	3.4	1.64
150	7/15/2007 04:16	17.07	51.639	34	7.14	8	4.5	1.49
151	7/15/2007 04:31	17	51.56	33.94	7.11	8	4.3	1.35
152	7/15/2007 04:46	16.98	51.568	33.95	7.07	8	4.6	1.20
153	7/15/2007 05:01	17.07	51.386	33.82	7.05	7.99	5.4	1.04
154	7/15/2007 05:16	17.16	51.55	33.94	7.05	8	4.5	0.88
155	7/15/2007 05:31	17.38	51.442	33.86	7.07	8	4.3	0.71
156	7/15/2007 05:46	17.57	51.518	33.92	7.08	8	4.4	0.56
157	7/15/2007 06:01	17.83	51.593	33.98	7.08	8.01	4.8	0.40
158	7/15/2007 06:16	18.07	51.548	33.94	7.1	8.02	3.7	0.25
159	7/15/2007 06:31	18.4	51.484	33.9	7.17	8.02	4.4	0.14
160	7/15/2007 06:46	18.71	51.65	34.02	7.02	8.03	3.4	0.05
161	7/15/2007 07:01	18.86	51.578	33.97	6.86	8.02	2.6	0.05
162	7/15/2007 07:16	19.14	51.571	33.96	6.72	8.02	1.6	0.05
163	7/15/2007 07:31	19.22	51.724	34.08	6.91	8.03	1.7	0.05
164	7/15/2007 07:46	19.52	51.71	34.07	7.22	8.08	3.5	0.05
165	7/15/2007 08:01	19.61	51.696	34.06	7.39	8.09	3.0	0.15
166	7/15/2007 08:16	19.61	51.83	34.16	7.69	8.11	3.2	0.24
167	7/15/2007 08:31	19.65	51.976	34.26	7.83	8.12	4.3	0.30
168	7/15/2007 08:46	19.68	51.923	34.22	8.04	8.13	3.7	0.39
169	7/15/2007 09:01	19.8	51.855	34.17	7.81	8.11	4.5	0.47
170	7/15/2007 09:16	19.84	51.892	34.2	7.65	8.11	5.6	0.55
171	7/15/2007 09:31	19.79	51.836	34.16	7.56	8.09	4.8	0.63
172	7/15/2007 09:46	19.64	51.905	34.21	7.49	8.09	4.3	0.75
173	7/15/2007 10:01	19.44	51.934	34.23	7.5	8.08	3.6	0.84
174	7/15/2007 10:16	19.1	51.806	34.14	7.56	8.07	4.2	0.94
175	7/15/2007 10:31	18.93	51.86	34.18	7.49	8.07	3.5	1.06
176	7/15/2007 10:46	18.63	51.784	34.12	7.52	8.05	4.8	1.18
177	7/15/2007 11:01	18.43	51.678	34.04	7.52	8.04	6.2	1.30
178	7/15/2007 11:16	18.42	51.682	34.04	7.44	8.04	5.3	1.40
179	7/15/2007 11:31	18.39	51.61	33.99	7.33	8.03	4.7	1.51
180	7/15/2007 11:46	18.2	51.654	34.02	7.03	8.01	7.1	1.62
181	7/15/2007 12:01	17.98	51.59	33.98	6.95	8	4.6	1.71
182	7/15/2007 12:16	17.76	51.709	34.06	6.89	7.99	5.4	1.80
183	7/15/2007 12:31	17.51	51.601	33.98	6.38	7.95	3.9	1.89
184	7/15/2007 12:46	17.06	51.481	33.89	6.22	7.94	3.8	1.98
185	7/15/2007 13:01	16.53	51.579	33.95	6.29	7.93	3.6	2.06
186	7/15/2007 13:16	15.95	51.543	33.91	6.47	7.93	7.4	2.13
187	7/15/2007 13:31	15.52	51.478	33.86	6.61	7.93	3.4	2.19
188	7/15/2007 13:46	15.3	51.337	33.75	6.78	7.94	2.4	2.26
189	7/15/2007 14:01	15.11	51.314	33.73	6.8	7.94	2.5	2.32
190	7/15/2007 14:16	15.03	51.268	33.69	6.84	7.95	2.0	2.34
191	7/15/2007 14:31	15.02	51.368	33.77	6.87	7.95	2.3	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
192	7/15/2007 14:46	15.07	51.324	33.73	6.78	7.95	1.7	2.39
193	7/15/2007 15:01	15.12	51.149	33.61	6.74	7.96	2.0	2.37
194	7/15/2007 15:16	15.09	51.415	33.8	6.75	7.96	1.7	2.32
195	7/15/2007 15:31	15.22	51.261	33.69	6.85	7.98	2.4	2.25
196	7/15/2007 15:46	15.63	51.401	33.8	7.22	7.99	5.4	2.20
197	7/15/2007 16:01	15.98	51.016	33.53	7.46	8.01	4.1	2.11
198	7/15/2007 16:16	16.6	51.336	33.77	7.82	8.04	4.5	2.02
199	7/15/2007 16:31	16.86	51.294	33.75	7.86	8.05	5.1	1.92
200	7/15/2007 16:46	17.36	51.327	33.78	7.98	8.06	6.7	1.84
201	7/15/2007 17:01	17.55	51.552	33.94	7.74	8.06	4.4	1.76
202	7/15/2007 17:16	18.02	51.402	33.84	7.97	8.07	5.7	1.68
203	7/15/2007 17:31	18.17	51.512	33.92	7.92	8.08	2.8	1.61
204	7/15/2007 17:46	18.41	51.419	33.85	8.09	8.09	2.6	1.54
205	7/15/2007 18:01	18.8	51.533	33.94	8.63	8.12	2.9	1.48
206	7/15/2007 18:16	18.83	51.466	33.89	8.56	8.11	2.5	1.42
207	7/15/2007 18:31	18.93	51.532	33.94	8.42	8.11	2.1	1.36
208	7/15/2007 18:46	18.97	51.603	33.99	8.11	8.11	2.0	1.33
209	7/15/2007 19:01	19.19	51.626	34.01	8.7	8.14	1.6	1.31
210	7/15/2007 19:16	19.26	51.582	33.97	8.55	8.13	1.2	1.29
211	7/15/2007 19:31	19.33	51.66	34.03	8.44	8.13	1.2	1.31
212	7/15/2007 19:46	19.29	51.691	34.05	8.5	8.12	1.4	1.33
213	7/15/2007 20:01	19.33	51.618	34	8.72	8.14	3.1	1.36
214	7/15/2007 20:16	19.39	51.666	34.04	9.2	8.16	3.0	1.42
215	7/15/2007 20:31	19.37	51.653	34.03	9.13	8.15	3.4	1.48
216	7/15/2007 20:46	19.33	51.731	34.08	8.95	8.14	4.8	1.55
217	7/15/2007 21:01	19.4	51.634	34.01	8.77	8.13	5.0	1.63
218	7/15/2007 21:16	19.14	51.436	33.87	8.54	8.11	3.6	1.70
219	7/15/2007 21:31	18.68	51.738	34.09	8.35	8.09	4.3	1.79
220	7/15/2007 21:46	18.23	51.693	34.05	8.07	8.06	3.6	1.86
221	7/15/2007 22:01	17.48	51.721	34.07	7.66	8.02	3.0	1.94
222	7/15/2007 22:16	16.91	51.661	34.02	7.41	8	4.0	2.02
223	7/15/2007 22:31	16.57	51.342	33.78	7.35	7.99	3.2	2.12
224	7/15/2007 22:46	16.24	51.327	33.76	7.14	7.98	3.1	2.20
225	7/15/2007 23:01	15.88	51.321	33.75	7.09	7.97	3.1	2.28
226	7/15/2007 23:16	15.47	51.384	33.79	7.06	7.96	3.6	2.38
227	7/15/2007 23:31	15.03	51.415	33.8	7.26	7.97	2.8	2.47
228	7/15/2007 23:46	14.64	51.183	33.62	7.48	7.98	2.2	2.55
229	7/16/2007 00:01	14.23	51.364	33.74	7.72	7.99	2.6	2.64
230	7/16/2007 00:16	13.83	51.267	33.66	7.97	8	1.7	2.71
231	7/16/2007 00:31	13.52	51.309	33.68	8.34	8.01	1.8	2.78
232	7/16/2007 00:46	13.45	51.333	33.69	8.21	8.02	1.5	2.84
233	7/16/2007 01:01	13.43	51.204	33.6	8.39	8.02	1.7	2.88
234	7/16/2007 01:16	13.38	51.221	33.61	8.33	8.03	1.3	2.91
235	7/16/2007 01:31	13.51	51.138	33.55	8.24	8.03	2.1	2.92
236	7/16/2007 01:46	13.6	51.036	33.48	8.15	8.03	1.2	2.90
237	7/16/2007 02:01	13.6	51.163	33.57	7.97	8.03	1.1	2.86
238	7/16/2007 02:16	13.61	51.325	33.69	7.88	8.03	0.9	2.79
239	7/16/2007 02:31	13.82	51.189	33.6	7.99	8.02	1.7	2.70

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
240	7/16/2007 02:46	14.61	51.217	33.64	7.53	8	2.1	2.60
241	7/16/2007 03:01	14.86	51.07	33.54	7.26	7.99	2.3	2.49
242	7/16/2007 03:16	14.92	51.179	33.62	7.2	7.99	2.8	2.37
243	7/16/2007 03:31	15.07	51.228	33.66	7.2	7.98	3.3	2.25
244	7/16/2007 03:46	15.45	51.2	33.65	7.06	7.98	3.5	2.13
245	7/16/2007 04:01	16.11	51.083	33.58	6.79	7.98	4.1	1.99
246	7/16/2007 04:16	16.61	51.322	33.76	6.61	7.98	3.9	1.86
247	7/16/2007 04:31	17.06	51.287	33.74	6.56	7.98	3.8	1.73
248	7/16/2007 04:46	17.17	51.354	33.79	6.49	7.97	3.5	1.59
249	7/16/2007 05:01	17.13	51.428	33.85	6.44	7.97	3.4	1.44
250	7/16/2007 05:16	17.03	51.624	33.99	6.5	7.97	3.6	1.31
251	7/16/2007 05:31	17.03	51.572	33.95	6.51	7.97	4.1	1.16
252	7/16/2007 05:46	17.06	51.552	33.94	6.53	7.97	5.1	1.00
253	7/16/2007 06:01	17.16	51.36	33.8	6.52	7.96	5.7	0.84
254	7/16/2007 06:16	17.35	51.404	33.83	6.55	7.97	5.8	0.69
255	7/16/2007 06:31	17.66	51.467	33.88	6.59	7.98	5.0	0.54
256	7/16/2007 06:46	17.92	51.509	33.92	6.64	7.99	5.5	0.40
257	7/16/2007 07:01	18.25	51.463	33.88	6.65	7.99	19.5	0.26
258	7/16/2007 07:16	18.39	51.589	33.98	6.54	7.99	5.4	0.17
259	7/16/2007 07:31	18.58	51.546	33.95	6.53	7.99	6.0	0.09
260	7/16/2007 07:46	18.72	51.54	33.94	6.38	7.98	3.3	0.03
261	7/16/2007 08:01	18.82	51.66	34.03	6.23	7.98	2.3	0.03
262	7/16/2007 08:16	18.88	51.702	34.06	6.25	7.99	2.6	0.08
263	7/16/2007 08:31	19.11	51.605	33.99	6.67	8	2.5	0.13
264	7/16/2007 08:46	19.23	51.686	34.05	6.59	8.02	2.8	0.22
265	7/16/2007 09:01	19.35	51.744	34.09	6.79	8.04	4.0	0.31
266	7/16/2007 09:16	19.5	51.802	34.14	6.93	8.06	7.6	0.38
267	7/16/2007 09:31	19.57	51.898	34.21	7.07	8.06	4.0	0.46
268	7/16/2007 09:46	19.71	51.748	34.1	6.92	8.06	5.2	0.55
269	7/16/2007 10:01	19.7	51.818	34.15	6.8	8.05	5.0	0.62
270	7/16/2007 10:16	19.62	51.867	34.18	6.79	8.04	5.7	0.73
271	7/16/2007 10:31	19.47	51.903	34.21	6.85	8.05	4.9	0.81
272	7/16/2007 10:46	19.21	51.78	34.12	6.9	8.04	4.8	0.91
273	7/16/2007 11:01	19	51.723	34.08	6.92	8.03	4.5	1.03
274	7/16/2007 11:16	18.76	51.828	34.15	6.8	8.02	4.5	1.14
275	7/16/2007 11:31	18.48	51.613	33.99	6.73	8	4.8	1.24
276	7/16/2007 11:46	18.43	51.592	33.98	6.72	8	7.6	1.37
277	7/16/2007 12:01	18.36	51.606	33.99	6.68	7.99	7.2	1.48
278	7/16/2007 12:16	18.22	51.5	33.91	6.53	7.97	6.2	1.57
279	7/16/2007 12:31	18.09	51.433	33.86	6.11	7.95	5.1	1.68
280	7/16/2007 12:46	17.87	51.427	33.85	5.47	7.91	5.0	1.77
281	7/16/2007 13:01	17.57	51.492	33.9	5.61	7.9	5.3	1.86
282	7/16/2007 13:16	17.21	51.568	33.95	5.76	7.91	7.4	1.95
283	7/16/2007 13:31	16.66	51.39	33.81	5.96	7.91	4.3	2.02
284	7/16/2007 13:46	16.01	51.508	33.89	6.34	7.92	4.0	2.11
285	7/16/2007 14:01	15.58	51.491	33.87	6.6	7.93	3.5	2.18
286	7/16/2007 14:16	15.36	51.385	33.79	6.74	7.93	3.2	2.24
287	7/16/2007 14:31	15.11	51.391	33.78	6.84	7.94	2.9	2.31

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
288	7/16/2007 14:46	14.98	51.301	33.71	6.74	7.94	3.1	2.35
289	7/16/2007 15:01	14.88	51.348	33.75	6.67	7.93	2.4	2.38
290	7/16/2007 15:16	15.18	51.236	33.67	6.41	7.92	2.7	2.40
291	7/16/2007 15:31	15.29	51.309	33.73	6.21	7.92	2.0	2.40
292	7/16/2007 15:46	15.19	51.462	33.84	6.08	7.93	2.3	2.35
293	7/16/2007 16:01	15.15	51.424	33.81	6.34	7.94	2.9	2.30
294	7/16/2007 16:16	15.43	51.241	33.68	6.53	7.95	3.4	2.23
295	7/16/2007 16:31	16.02	51.214	33.67	7	7.98	3.5	2.14
296	7/16/2007 16:46	16.59	51.119	33.61	7.26	8.01	3.5	2.06
297	7/16/2007 17:01	17	51.305	33.76	7.37	8.02	3.9	1.96
298	7/16/2007 17:16	17.46	51.308	33.76	7.6	8.04	4.0	1.87
299	7/16/2007 17:31	17.68	51.372	33.81	7.36	8.03	3.0	1.79
300	7/16/2007 17:46	18.04	51.269	33.74	7.39	8.03	2.9	1.71
301	7/16/2007 18:01	18.34	51.374	33.82	7.35	8.05	3.0	1.63
302	7/16/2007 18:16	18.66	51.313	33.77	7.43	8.05	2.3	1.55
303	7/16/2007 18:31	18.93	51.305	33.77	7.67	8.08	1.9	1.49
304	7/16/2007 18:46	19.1	51.535	33.94	7.9	8.09	1.5	1.43
305	7/16/2007 19:01	19.36	51.553	33.95	8.39	8.11	1.4	1.37
306	7/16/2007 19:16	19.72	51.506	33.92	8.73	8.14	1.5	1.32
307	7/16/2007 19:31	19.86	51.546	33.95	8.62	8.14	1.2	1.27
308	7/16/2007 19:46	20.01	51.573	33.97	8.87	8.16	1.1	1.25
309	7/16/2007 20:01	20.03	51.624	34	8.46	8.15	0.7	1.22
310	7/16/2007 20:16	20.12	51.587	33.97	8.58	8.15	0.9	1.23
311	7/16/2007 20:31	20.07	51.709	34.07	8.33	8.14	1.2	1.26
312	7/16/2007 20:46	20.02	51.527	33.93	7.98	8.11	0.9	1.27
313	7/16/2007 21:01	20	51.628	34.01	9.02	8.14	1.4	1.33
314	7/16/2007 21:16	19.98	51.77	34.11	9.57	8.17	1.8	1.39
315	7/16/2007 21:31	19.93	51.553	33.95	9.32	8.16	2.3	1.47
316	7/16/2007 21:46	20.07	51.651	34.02	8.68	8.12	5.0	1.54
317	7/16/2007 22:01	20.07	51.566	33.96	8.43	8.11	4.2	1.62
318	7/16/2007 22:16	19.7	51.555	33.95	8.2	8.09	4.0	1.70
319	7/16/2007 22:31	19.3	51.655	34.03	7.98	8.07	3.4	1.77
320	7/16/2007 22:46	18.56	51.783	34.12	7.54	8.03	5.4	1.85
321	7/16/2007 23:01	17.62	51.509	33.91	7.08	7.99	3.4	1.92
322	7/16/2007 23:16	17.21	51.495	33.9	6.99	7.97	5.1	2.01
323	7/16/2007 23:31	16.93	51.408	33.83	6.96	7.97	4.6	2.09
324	7/16/2007 23:46	16.62	51.432	33.84	6.88	7.96	3.1	2.17
325	7/17/2007 00:01	16.22	51.402	33.82	6.83	7.95	3.1	2.26
326	7/17/2007 00:16	15.8	51.321	33.75	6.83	7.95	2.9	2.34
327	7/17/2007 00:31	15.21	51.354	33.76	7.06	7.95	2.8	2.42
328	7/17/2007 00:46	14.7	51.492	33.85	7.34	7.96	2.3	2.50
329	7/17/2007 01:01	14.26	51.446	33.8	7.44	7.97	1.7	2.57
330	7/17/2007 01:16	13.87	51.455	33.8	7.78	7.98	1.4	2.64
331	7/17/2007 01:31	13.65	51.286	33.66	7.99	7.98	1.7	2.69
332	7/17/2007 01:46	13.65	51.064	33.5	7.84	7.99	1.5	2.73
333	7/17/2007 02:01	13.68	51.144	33.56	7.85	7.99	0.9	2.75
334	7/17/2007 02:16	13.74	51.267	33.65	7.74	7.99	1.0	2.75
335	7/17/2007 02:31	13.81	51.215	33.62	7.62	7.99	0.7	2.74

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
336	7/17/2007 02:46	13.86	51.326	33.7	7.49	8	0.7	2.69
337	7/17/2007 03:01	14.12	51.038	33.5	7.55	8	1.0	2.63
338	7/17/2007 03:16	14.83	51.217	33.65	7.33	7.99	1.7	2.55
339	7/17/2007 03:31	15.09	51.359	33.76	7.17	7.99	2.0	2.45
340	7/17/2007 03:46	15.58	51.164	33.63	6.77	7.97	2.6	2.35
341	7/17/2007 04:01	15.7	51.177	33.64	6.66	7.96	2.4	2.23
342	7/17/2007 04:16	15.75	51.252	33.7	6.56	7.96	2.7	2.12
343	7/17/2007 04:31	16.1	51.2	33.67	6.46	7.95	2.4	2.01
344	7/17/2007 04:46	16.56	51.268	33.72	6.36	7.95	2.9	1.89
345	7/17/2007 05:01	17.11	51.383	33.81	6.24	7.95	2.8	1.78
346	7/17/2007 05:16	17.43	51.472	33.88	6.28	7.96	6.2	1.64
347	7/17/2007 05:31	17.72	51.428	33.85	6.31	7.97	2.8	1.52
348	7/17/2007 05:46	17.82	51.48	33.89	6.37	7.97	4.7	1.39
349	7/17/2007 06:01	17.87	51.487	33.9	6.43	7.97	4.7	1.25
350	7/17/2007 06:16	17.84	51.522	33.92	6.41	7.97	4.8	1.10
351	7/17/2007 06:31	17.85	51.441	33.86	6.41	7.97	7.1	0.97
352	7/17/2007 06:46	17.9	51.454	33.87	6.34	7.96	6.7	0.83
353	7/17/2007 07:01	18.1	51.448	33.87	6.37	7.97	5.6	0.69
354	7/17/2007 07:16	18.25	51.465	33.88	6.37	7.97	4.6	0.54
355	7/17/2007 07:31	18.47	51.512	33.92	6.44	7.98	3.8	0.44
356	7/17/2007 07:46	18.61	51.536	33.94	6.43	7.98	5.8	0.34
357	7/17/2007 08:01	18.84	51.494	33.91	6.47	7.99	3.0	0.25
358	7/17/2007 08:16	18.98	51.692	34.05	6.5	7.99	3.0	0.19
359	7/17/2007 08:31	19.13	51.67	34.04	6.46	8	2.5	0.18
360	7/17/2007 08:46	19.28	51.624	34	6.35	8	1.8	0.19
361	7/17/2007 09:01	19.36	51.739	34.09	6.39	8	2.7	0.21
362	7/17/2007 09:16	19.51	51.703	34.06	6.66	8.02	2.1	0.29
363	7/17/2007 09:31	19.61	51.768	34.11	6.51	8.02	1.6	0.37
364	7/17/2007 09:46	19.69	51.746	34.09	6.71	8.04	2.2	0.44
365	7/17/2007 10:01	19.75	51.761	34.1	7	8.05	2.6	0.53
366	7/17/2007 10:16	19.96	51.701	34.06	6.81	8.05	4.2	0.62
367	7/17/2007 10:31	20.05	51.705	34.06	6.64	8.04	5.6	0.69
368	7/17/2007 10:46	20.05	51.693	34.05	6.62	8.04	5.1	0.79
369	7/17/2007 11:01	19.85	51.865	34.18	6.57	8.03	3.1	0.88
370	7/17/2007 11:16	19.52	51.707	34.07	6.73	8.02	3.4	0.97
371	7/17/2007 11:31	19.37	51.736	34.09	6.61	8.02	3.1	1.08
372	7/17/2007 11:46	19.17	51.799	34.13	6.57	8.01	3.4	1.18
373	7/17/2007 12:01	18.84	51.654	34.03	6.39	7.99	3.3	1.28
374	7/17/2007 12:16	18.67	51.667	34.03	6.31	7.97	5.1	1.39
375	7/17/2007 12:31	18.62	51.541	33.94	5.88	7.94	7.0	1.49
376	7/17/2007 12:46	18.47	51.55	33.95	5.64	7.92	7.1	1.59
377	7/17/2007 13:01	18.25	51.545	33.94	5.5	7.91	6.0	1.69
378	7/17/2007 13:16	18.05	51.638	34.01	5.41	7.9	4.8	1.77
379	7/17/2007 13:31	17.8	51.669	34.03	5.28	7.89	4.3	1.86
380	7/17/2007 13:46	17.3	51.531	33.93	5.76	7.9	4.2	1.94
381	7/17/2007 14:01	16.82	51.392	33.82	5.93	7.9	4.2	2.03
382	7/17/2007 14:16	16.21	51.272	33.72	6.13	7.91	4.5	2.11
383	7/17/2007 14:31	15.71	51.363	33.78	6.38	7.91	2.9	2.18

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
384	7/17/2007 14:46	15.37	51.466	33.85	6.48	7.92	5.7	2.25
385	7/17/2007 15:01	15.12	51.117	33.58	6.53	7.92	2.9	2.32
386	7/17/2007 15:16	14.94	51.421	33.8	6.46	7.92	1.9	2.36
387	7/17/2007 15:31	14.85	51.278	33.69	6.38	7.92	1.9	2.39
388	7/17/2007 15:46	14.79	51.324	33.73	6.3	7.92	1.3	2.42
389	7/17/2007 16:01	14.84	51.308	33.72	6.28	7.92	1.8	2.43
390	7/17/2007 16:16	14.89	51.271	33.69	6.15	7.92	1.4	2.39
391	7/17/2007 16:31	14.91	51.382	33.77	6.03	7.92	1.1	2.36
392	7/17/2007 16:46	15.24	51.255	33.69	6.2	7.93	1.5	2.29
393	7/17/2007 17:01	15.62	51.381	33.79	6.47	7.95	2.6	2.21
394	7/17/2007 17:16	15.87	51.224	33.68	6.66	7.96	2.6	2.11
395	7/17/2007 17:31	16.38	51.116	33.61	6.74	7.97	3.0	2.03
396	7/17/2007 17:46	16.7	51.407	33.83	6.69	7.98	3.2	1.94
397	7/17/2007 18:01	16.94	51.437	33.85	6.79	7.98	2.8	1.85
398	7/17/2007 18:16	17.23	51.42	33.84	6.76	7.99	2.3	1.77
399	7/17/2007 18:31	17.65	51.335	33.78	6.8	8	2.9	1.68
400	7/17/2007 18:46	17.97	51.261	33.73	6.91	8.01	2.7	1.62
401	7/17/2007 19:01	17.98	51.416	33.85	6.71	8.01	1.9	1.54
402	7/17/2007 19:16	18.08	51.516	33.92	6.7	8	1.7	1.46
403	7/17/2007 19:31	18.17	51.583	33.97	6.68	8	2.0	1.40
404	7/17/2007 19:46	18.3	51.307	33.77	6.79	8.01	2.1	1.34
405	7/17/2007 20:01	18.33	51.373	33.82	6.73	8.01	1.6	1.29
406	7/17/2007 20:16	18.41	51.309	33.77	6.71	8.01	0.9	1.25
407	7/17/2007 20:31	18.47	51.339	33.79	6.65	8.01	0.7	1.21
408	7/17/2007 20:46	18.55	51.311	33.77	6.6	8.01	0.7	1.19
409	7/17/2007 21:01	18.6	51.373	33.82	6.52	8.01	0.8	1.21
410	7/17/2007 21:16	18.57	51.331	33.79	6.83	8.02	1.5	1.22
411	7/17/2007 21:31	18.7	51.255	33.73	6.87	8.03	1.7	1.25
412	7/17/2007 21:46	18.79	51.377	33.82	7.15	8.04	1.8	1.30
413	7/17/2007 22:01	18.98	51.389	33.83	7.26	8.05	2.9	1.36
414	7/17/2007 22:16	19.01	51.531	33.94	7.26	8.05	2.9	1.42
415	7/17/2007 22:31	19.04	51.441	33.87	7.17	8.04	3.5	1.50
416	7/17/2007 22:46	19.07	51.361	33.81	7	8.03	3.1	1.56
417	7/17/2007 23:01	18.9	51.494	33.91	6.85	8.01	1.9	1.63
418	7/17/2007 23:16	18.6	51.343	33.8	6.84	8	2.6	1.71
419	7/17/2007 23:31	18.35	51.458	33.88	6.67	7.99	2.1	1.77
420	7/17/2007 23:46	17.96	51.494	33.9	6.48	7.96	1.5	1.85
421	7/18/2007 00:01	17.25	51.476	33.88	6.44	7.95	2.1	1.92
422	7/18/2007 00:16	16.91	51.265	33.73	6.52	7.94	2.3	1.98
423	7/18/2007 00:31	16.72	51.337	33.78	6.55	7.94	2.2	2.06
424	7/18/2007 00:46	16.57	51.051	33.56	6.59	7.94	2.6	2.13
425	7/18/2007 01:01	16.32	51.098	33.59	6.58	7.94	2.1	2.21
426	7/18/2007 01:16	15.92	51.256	33.7	6.66	7.94	1.8	2.28
427	7/18/2007 01:31	15.64	51.375	33.78	6.65	7.93	1.4	2.34
428	7/18/2007 01:46	15.27	50.984	33.49	6.59	7.93	2.8	2.41
429	7/18/2007 02:01	15.01	51.209	33.65	6.51	7.92	1.7	2.46
430	7/18/2007 02:16	14.8	51.066	33.54	6.44	7.91	0.7	2.50
431	7/18/2007 02:31	14.66	51.071	33.54	6.34	7.91	1.0	2.54

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	7/18/2007 02:46	14.57	50.995	33.48	6.19	7.91	0.6	2.57
433	7/18/2007 03:01	14.52	51.056	33.52	6.06	7.91	0.9	2.57
434	7/18/2007 03:16	14.5	51.167	33.6	6.11	7.91	0.4	2.54
435	7/18/2007 03:31	14.44	51.116	33.56	6.14	7.91	0.5	2.52
436	7/18/2007 03:46	14.45	51.034	33.5	6.14	7.92	0.9	2.46
437	7/18/2007 04:01	14.87	50.943	33.45	6.12	7.92	0.9	2.39
438	7/18/2007 04:16	15.44	50.979	33.49	6.04	7.93	1.6	2.31
439	7/18/2007 04:31	16.08	50.937	33.47	5.86	7.91	2.0	2.20
440	7/18/2007 04:46	16.2	50.966	33.49	5.89	7.91	2.1	2.11
441	7/18/2007 05:01	16.33	51.219	33.68	5.78	7.9	2.6	2.01
442	7/18/2007 05:16	16.44	51.123	33.61	5.74	7.9	2.5	1.91
443	7/18/2007 05:31	16.66	51.157	33.64	5.63	7.9	2.8	1.78
444	7/18/2007 05:46	16.92	51.055	33.57	5.44	7.88	2.6	1.70
445	7/18/2007 06:01	17.18	51.19	33.67	5.35	7.89	3.1	1.58
446	7/18/2007 06:16	17.31	51.174	33.66	5.31	7.88	3.2	1.45
447	7/18/2007 06:31	17.46	51.247	33.72	5.36	7.89	3.7	1.33
448	7/18/2007 06:46	17.6	51.203	33.69	5.44	7.9	3.2	1.22
449	7/18/2007 07:01	17.63	51.299	33.76	5.52	7.9	4.2	1.08
450	7/18/2007 07:16	17.66	51.256	33.73	5.52	7.9	3.8	0.97
451	7/18/2007 07:31	17.81	51.193	33.68	5.57	7.91	4.2	0.86
452	7/18/2007 07:46	17.92	51.259	33.73	5.56	7.91	3.1	0.73
453	7/18/2007 08:01	18.03	51.172	33.67	5.59	7.91	2.6	0.62
454	7/18/2007 08:16	18.24	51.192	33.68	5.57	7.92	2.0	0.56
455	7/18/2007 08:31	18.36	51.167	33.67	5.56	7.92	1.8	0.48
456	7/18/2007 08:46	18.53	51.268	33.74	5.53	7.93	1.7	0.43
457	7/18/2007 09:01	18.73	51.184	33.68	5.53	7.94	1.4	0.39
458	7/18/2007 09:16	18.96	51.203	33.69	5.54	7.94	0.9	0.40
459	7/18/2007 09:31	19.08	51.196	33.69	5.47	7.94	0.8	0.42
460	7/18/2007 09:46	19.21	51.222	33.71	5.58	7.96	3.2	0.44
461	7/18/2007 10:01	19.28	51.158	33.66	5.74	7.96	1.7	0.51
462	7/18/2007 10:16	19.28	51.265	33.74	5.71	7.96	2.0	0.58
463	7/18/2007 10:31	19.26	51.262	33.74	5.76	7.96	2.9	0.65
464	7/18/2007 10:46	19.28	51.094	33.61	5.78	7.96	3.2	0.74
465	7/18/2007 11:01	19.21	51.065	33.59	5.67	7.95	3.6	0.82
466	7/18/2007 11:16	19.15	50.968	33.52	5.7	7.95	4.2	0.91
467	7/18/2007 11:31	19.1	50.907	33.48	5.61	7.94	3.0	1.00
468	7/18/2007 11:46	19	50.946	33.5	5.44	7.93	2.1	1.09
469	7/18/2007 12:01	18.82	51.093	33.61	5.61	7.93	2.9	1.18
470	7/18/2007 12:16	18.67	51.098	33.62	5.5	7.93	2.4	1.27
471	7/18/2007 12:31	18.41	51.13	33.64	5.58	7.92	3.0	1.37
472	7/18/2007 12:46	18.31	50.987	33.53	5.65	7.91	3.8	1.46
473	7/18/2007 13:01	18.3	51.11	33.62	5.75	7.91	4.0	1.56
474	7/18/2007 13:16	18.27	51.074	33.6	5.69	7.9	4.2	1.65
475	7/18/2007 13:31	18.16	51.158	33.66	5.6	7.89	5.9	1.74
476	7/18/2007 13:46	17.94	51.298	33.76	5.52	7.88	3.5	1.82
477	7/18/2007 14:01	17.69	51.144	33.64	5.66	7.88	3.4	1.91
478	7/18/2007 14:16	17.36	51.074	33.59	5.87	7.89	5.4	1.99
479	7/18/2007 14:31	16.93	51.208	33.68	5.98	7.89	3.1	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
480	7/18/2007 14:46	16.28	51.176	33.65	6.39	7.9	3.1	2.16
481	7/18/2007 15:01	15.79	51.181	33.65	6.5	7.9	2.6	2.23
482	7/18/2007 15:16	15.37	51.198	33.65	6.7	7.91	2.5	2.30
483	7/18/2007 15:31	15.15	50.985	33.49	6.79	7.92	1.7	2.36
484	7/18/2007 15:46	14.95	51.211	33.65	6.79	7.92	1.4	2.42
485	7/18/2007 16:01	14.83	50.981	33.48	6.82	7.92	1.2	2.46
486	7/18/2007 16:16	14.79	51.076	33.55	6.68	7.92	0.7	2.46
487	7/18/2007 16:31	14.82	51.026	33.51	6.89	7.93	2.4	2.47
488	7/18/2007 16:46	14.83	51.047	33.52	6.97	7.94	0.9	2.47
489	7/18/2007 17:01	14.84	51.019	33.5	6.66	7.92	0.9	2.41
490	7/18/2007 17:16	14.92	51.137	33.59	6.6	7.92	2.2	2.35
491	7/18/2007 17:31	15.21	51.09	33.57	6.49	7.93	2.8	2.27
492	7/18/2007 17:46	15.59	51.033	33.53	6.71	7.94	3.4	2.20
493	7/18/2007 18:01	16.2	50.934	33.47	6.74	7.96	3.5	2.11
494	7/18/2007 18:16	17.04	50.92	33.47	6.93	7.98	3.4	2.02
495	7/18/2007 18:31	17.42	51.114	33.62	7.15	7.99	3.1	1.93
496	7/18/2007 18:46	17.53	51.006	33.54	7.1	8	3.2	1.84
497	7/18/2007 19:01	17.71	51.041	33.57	7.13	8	3.8	1.77
498	7/18/2007 19:16	17.85	51.131	33.64	7.15	8.01	2.9	1.68
499	7/18/2007 19:31	17.94	51.183	33.67	7.02	8	2.5	1.60
500	7/18/2007 19:46	18.06	51.148	33.65	7.17	8	2.2	1.53
501	7/18/2007 20:01	18.18	51	33.54	7.1	8.01	1.7	1.47
502	7/18/2007 20:16	18.28	51.047	33.58	7.01	8.01	1.7	1.40
503	7/18/2007 20:31	18.42	50.975	33.52	7.02	8.02	1.2	1.33
504	7/18/2007 20:46	18.57	50.925	33.49	7	8.02	1.7	1.29
505	7/18/2007 21:01	18.73	50.944	33.5	6.74	8.02	1.3	1.24
506	7/18/2007 21:16	18.87	51.019	33.56	6.8	8.02	1.2	1.21
507	7/18/2007 21:31	18.97	50.981	33.53	6.58	8.02	1.3	1.18
508	7/18/2007 21:46	19.02	51.124	33.64	6.53	8.02	0.9	1.19
509	7/18/2007 22:01	19.07	51.094	33.61	6.57	8.02	1.0	1.20
510	7/18/2007 22:16	19.06	51.128	33.64	6.62	8.02	2.1	1.21
511	7/18/2007 22:31	19.05	51.146	33.65	6.59	8.03	1.4	1.25
512	7/18/2007 22:46	19.01	51.158	33.66	6.72	8.01	0.9	1.30
513	7/18/2007 23:01	18.95	51.137	33.65	7.14	8.03	0.4	1.36
514	7/18/2007 23:16	18.88	51.094	33.61	7.06	8.02	0.8	1.42
515	7/18/2007 23:31	18.79	51.14	33.65	7.05	8.01	1.8	1.47
516	7/18/2007 23:46	18.72	51.073	33.6	6.93	7.99	2.0	1.55
517	7/19/2007 00:01	18.65	51.027	33.56	6.77	7.98	1.3	1.62
518	7/19/2007 00:16	18.51	51.069	33.59	6.8	7.97	1.2	1.67
519	7/19/2007 00:31	18.38	51	33.54	6.86	7.97	1.8	1.72
520	7/19/2007 00:46	18.17	51.124	33.63	6.89	7.97	0.7	1.79
521	7/19/2007 01:01	17.92	51.198	33.69	6.73	7.95	1.4	1.86
522	7/19/2007 01:16	17.7	51.18	33.67	6.46	7.93	1.2	1.91
523	7/19/2007 01:31	17.44	51.063	33.58	6.46	7.93	1.4	1.97
524	7/19/2007 01:46	17.25	51.132	33.63	6.47	7.93	1.0	2.04
525	7/19/2007 02:01	17.08	51.02	33.55	6.52	7.92	1.5	2.10
526	7/19/2007 02:16	16.88	51.056	33.57	6.43	7.92	1.0	2.15
527	7/19/2007 02:31	16.59	51.172	33.65	6.54	7.92	0.4	2.21

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	7/19/2007 02:46	16.37	51.143	33.63	6.42	7.91	0.8	2.25
529	7/19/2007 03:01	16.17	51.036	33.55	6.41	7.92	0.4	2.29
530	7/19/2007 03:16	16.02	51.137	33.62	6.37	7.91	0.5	2.33
531	7/19/2007 03:31	15.94	51.186	33.65	6.31	7.9	0.2	2.35
532	7/19/2007 03:46	15.87	51.121	33.6	6	7.89	0.1	2.35
533	7/19/2007 04:01	15.85	51.073	33.57	5.89	7.89	0.1	2.33
534	7/19/2007 04:16	15.78	50.965	33.49	5.77	7.88	0.0	2.32
535	7/19/2007 04:31	15.75	51.066	33.56	5.65	7.87	0.0	2.27
536	7/19/2007 04:46	15.96	50.999	33.52	6.14	7.9	1.0	2.20
537	7/19/2007 05:01	16.18	51.052	33.56	6.09	7.92	1.2	2.13
538	7/19/2007 05:16	16.49	50.943	33.48	5.97	7.92	1.8	2.04
539	7/19/2007 05:31	16.88	50.863	33.43	5.87	7.9	2.4	1.96
540	7/19/2007 05:46	17.02	51.077	33.59	5.74	7.9	1.9	1.87
541	7/19/2007 06:01	17.12	51.072	33.59	5.62	7.89	2.6	1.77
542	7/19/2007 06:16	17.26	50.866	33.44	5.5	7.88	2.7	1.69
543	7/19/2007 06:31	17.39	50.954	33.5	5.32	7.88	2.3	1.59
544	7/19/2007 06:46	17.46	51.031	33.56	5.27	7.87	2.3	1.50
545	7/19/2007 07:01	17.51	50.932	33.49	5.39	7.88	17.0	1.39
546	7/19/2007 07:16	17.54	51.057	33.58	5.47	7.89	3.8	1.29
547	7/19/2007 07:31	17.6	50.895	33.46	5.48	7.89	2.7	1.19
548	7/19/2007 07:46	17.68	50.991	33.53	5.57	7.9	13.8	1.07
549	7/19/2007 08:01	17.78	51.075	33.59	5.6	7.9	3.9	0.98
550	7/19/2007 08:16	17.88	50.924	33.48	5.61	7.9	2.8	0.89
551	7/19/2007 08:31	18	50.955	33.51	5.6	7.91	2.3	0.79
552	7/19/2007 08:46	18.18	50.948	33.5	5.61	7.91	2.6	0.73
553	7/19/2007 09:01	18.29	51.012	33.55	5.63	7.91	2.3	0.67
554	7/19/2007 09:16	18.4	51.044	33.57	5.46	7.91	1.0	0.62
555	7/19/2007 09:31	18.56	51.005	33.55	5.28	7.92	1.0	0.60
556	7/19/2007 09:46	18.7	51.014	33.55	5.21	7.91	0.8	0.61
557	7/19/2007 10:01	18.78	51.079	33.6	5.04	7.91	0.9	0.60
558	7/19/2007 10:16	18.91	50.933	33.49	5.3	7.92	0.6	0.65
559	7/19/2007 10:31	18.95	50.965	33.52	5.18	7.93	0.7	0.67
560	7/19/2007 10:46	18.97	51.075	33.6	5.76	7.95	1.7	0.74
561	7/19/2007 11:01	18.97	51.066	33.59	5.66	7.94	1.5	0.81
562	7/19/2007 11:16	18.96	51.056	33.59	5.84	7.95	1.6	0.88
563	7/19/2007 11:31	19.01	50.963	33.52	5.84	7.94	2.1	0.96
564	7/19/2007 11:46	18.98	50.957	33.51	5.73	7.93	2.3	1.03
565	7/19/2007 12:01	18.87	50.959	33.51	5.68	7.93	2.3	1.12
566	7/19/2007 12:16	18.79	50.953	33.51	5.68	7.93	1.8	1.19
567	7/19/2007 12:31	18.69	50.915	33.48	5.85	7.93	1.4	1.28
568	7/19/2007 12:46	18.56	51.047	33.58	5.85	7.93	1.5	1.37
569	7/19/2007 13:01	18.46	50.965	33.52	5.77	7.92	1.2	1.44
570	7/19/2007 13:16	18.28	51.117	33.63	5.88	7.91	2.6	1.53
571	7/19/2007 13:31	18.24	51.069	33.59	6.04	7.91	4.1	1.62
572	7/19/2007 13:46	18.29	51.016	33.55	6.08	7.9	3.2	1.70
573	7/19/2007 14:01	18.28	51.165	33.66	6.11	7.9	3.9	1.78
574	7/19/2007 14:16	18.15	51.008	33.55	6.26	7.91	4.6	1.87
575	7/19/2007 14:31	17.91	51.014	33.55	6.22	7.9	3.4	1.95

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	7/19/2007 14:46	17.64	51.101	33.61	6.24	7.9	5.4	2.02
577	7/19/2007 15:01	17.33	50.989	33.53	6.48	7.91	3.4	2.10
578	7/19/2007 15:16	16.88	51.099	33.6	6.75	7.93	2.7	2.18
579	7/19/2007 15:31	16.47	51.043	33.56	7.12	7.95	2.6	2.25
580	7/19/2007 15:46	16.2	50.855	33.41	7.49	7.96	1.8	2.31
581	7/19/2007 16:01	15.95	50.999	33.51	7.79	7.99	1.3	2.37
582	7/19/2007 16:16	15.78	51.076	33.57	7.89	8	1.0	2.42
583	7/19/2007 16:31	15.73	51.009	33.52	7.84	7.99	0.9	2.44
584	7/19/2007 16:46	15.7	51.015	33.52	7.64	7.99	0.1	2.46
585	7/19/2007 17:01	15.86	50.89	33.43	7.81	8	0.4	2.47
586	7/19/2007 17:16	15.87	50.892	33.44	7.68	7.99	0.3	2.45
587	7/19/2007 17:31	15.86	50.967	33.49	7.05	7.97	0.1	2.41
588	7/19/2007 17:46	15.87	50.927	33.46	7.09	7.96	0.4	2.36
589	7/19/2007 18:01	16.12	50.814	33.38	7.3	7.99	1.0	2.29
590	7/19/2007 18:16	16.56	50.849	33.41	7.42	7.99	1.8	2.21
591	7/19/2007 18:31	17.02	50.782	33.37	7.54	8	2.0	2.12
592	7/19/2007 18:46	17.43	50.986	33.53	7.36	8	1.7	2.03
593	7/19/2007 19:01	17.71	50.853	33.43	7.31	8	2.6	1.96
594	7/19/2007 19:16	17.93	50.86	33.44	7.23	7.99	1.9	1.88
595	7/19/2007 19:31	18.17	50.98	33.53	7.31	8	2.1	1.80
596	7/19/2007 19:46	18.4	50.862	33.44	7.37	8	2.3	1.72
597	7/19/2007 20:01	18.55	50.891	33.46	7.4	8.01	1.6	1.64
598	7/19/2007 20:16	18.76	50.904	33.47	7.72	8.03	1.7	1.58
599	7/19/2007 20:31	18.89	50.963	33.52	7.86	8.05	1.4	1.50
600	7/19/2007 20:46	19.14	50.988	33.54	8.05	8.06	1.7	1.43
601	7/19/2007 21:01	19.46	50.923	33.49	8.62	8.09	1.8	1.37
602	7/19/2007 21:16	19.63	51.127	33.64	8.48	8.09	1.2	1.31
603	7/19/2007 21:31	19.79	50.994	33.54	8.33	8.09	1.4	1.25
604	7/19/2007 21:46	19.84	51.029	33.56	7.9	8.07	1.0	1.21
605	7/19/2007 22:01	19.94	51.048	33.58	7.87	8.09	0.6	1.18
606	7/19/2007 22:16	20	51.08	33.6	7.77	8.08	0.7	1.15
607	7/19/2007 22:31	20.02	51.113	33.63	7.74	8.08	0.7	1.13
608	7/19/2007 22:46	20.08	51.082	33.6	7.43	8.07	0.4	1.15
609	7/19/2007 23:01	20.05	51.124	33.63	7.39	8.06	0.3	1.16
610	7/19/2007 23:16	20.04	51.103	33.62	7.6	8.05	0.6	1.17
611	7/19/2007 23:31	20.02	51.126	33.64	7.67	8.04	0.2	1.22
612	7/19/2007 23:46	19.99	51.124	33.63	8.28	8.11	0.8	1.26
613	7/20/2007 00:01	19.93	51.121	33.63	8.57	8.11	0.9	1.32
614	7/20/2007 00:16	19.9	51.116	33.63	8.6	8.1	1.7	1.37
615	7/20/2007 00:31	19.95	50.953	33.51	8.34	8.09	3.0	1.43
616	7/20/2007 00:46	19.97	51.005	33.55	8.15	8.08	3.4	1.49
617	7/20/2007 01:01	19.96	50.982	33.53	8	8.07	1.7	1.54
618	7/20/2007 01:16	19.89	50.906	33.47	7.66	8.06	1.0	1.59
619	7/20/2007 01:31	19.72	51.059	33.59	7.51	8.04	0.7	1.65
620	7/20/2007 01:46	19.48	51.033	33.57	7.59	8.04	0.8	1.71
621	7/20/2007 02:01	19.22	51.056	33.59	7.36	8.01	0.7	1.76
622	7/20/2007 02:16	18.89	51.161	33.66	7.26	8	0.7	1.80
623	7/20/2007 02:31	18.57	51.066	33.59	7.1	7.97	0.7	1.85

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
624	7/20/2007 02:46	18.24	51.072	33.59	6.88	7.96	0.6	1.92
625	7/20/2007 03:01	18.03	51.2	33.69	6.91	7.96	0.7	1.96
626	7/20/2007 03:16	17.93	51.224	33.7	7	7.96	0.7	1.99
627	7/20/2007 03:31	17.83	51.028	33.56	6.85	7.96	0.9	2.04
628	7/20/2007 03:46	17.68	51.047	33.57	6.92	7.95	0.7	2.08
629	7/20/2007 04:01	17.58	51.183	33.67	6.76	7.95	0.4	2.11
630	7/20/2007 04:16	17.5	51.015	33.55	6.66	7.94	0.3	2.12
631	7/20/2007 04:31	17.41	51.111	33.62	6.46	7.93	0.0	2.14
632	7/20/2007 04:46	17.34	51.143	33.64	6.41	7.93	0.0	2.14
633	7/20/2007 05:01	17.33	50.912	33.47	6.22	7.92	0.0	2.13
634	7/20/2007 05:16	17.26	51.103	33.61	6.28	7.91	0.6	2.10
635	7/20/2007 05:31	17.24	51.092	33.6	6.06	7.91	0.1	2.05
636	7/20/2007 05:46	17.27	50.972	33.51	6.27	7.92	0.6	1.99
637	7/20/2007 06:01	17.44	50.958	33.51	6.53	7.95	1.1	1.93
638	7/20/2007 06:16	17.63	50.953	33.5	6.4	7.96	1.2	1.85
639	7/20/2007 06:31	17.82	50.92	33.48	6.24	7.95	1.5	1.77
640	7/20/2007 06:46	18	50.952	33.51	6	7.94	2.6	1.69
641	7/20/2007 07:01	18.12	51.082	33.6	5.97	7.93	2.1	1.61
642	7/20/2007 07:16	18.22	50.995	33.54	6.01	7.93	1.7	1.53
643	7/20/2007 07:31	18.32	50.901	33.47	6.04	7.93	1.8	1.45
644	7/20/2007 07:46	18.45	51.049	33.58	6.19	7.94	2.1	1.37
645	7/20/2007 08:01	18.51	51.001	33.54	6.18	7.94	1.8	1.30
646	7/20/2007 08:16	18.6	50.996	33.54	6.22	7.95	1.7	1.21
647	7/20/2007 08:31	18.69	51.014	33.55	6.27	7.95	1.4	1.14
648	7/20/2007 08:46	18.76	50.925	33.49	6.27	7.95	1.0	1.07
649	7/20/2007 09:01	18.85	50.986	33.53	6.19	7.95	0.9	0.99
650	7/20/2007 09:16	19.02	50.964	33.52	6.3	7.96	1.2	0.95
651	7/20/2007 09:31	19.12	51.027	33.56	6.24	7.97	0.7	0.91
652	7/20/2007 09:46	19.31	50.922	33.49	6.14	7.97	0.3	0.86
653	7/20/2007 10:01	19.38	51.025	33.56	6.03	7.97	0.1	0.85
654	7/20/2007 10:16	19.57	51.04	33.57	6.05	7.98	0.3	0.84
655	7/20/2007 10:31	19.62	51.087	33.61	6.15	7.99	0.4	0.85
656	7/20/2007 10:46	19.61	51.123	33.63	5.94	7.98	0.4	0.86
657	7/20/2007 11:01	19.61	51.037	33.57	5.89	7.97	0.4	0.90
658	7/20/2007 11:16	19.59	51.054	33.58	5.9	7.96	0.3	0.96
659	7/20/2007 11:31	19.57	51.105	33.62	6.2	7.97	0.8	1.00
660	7/20/2007 11:46	19.56	51.026	33.56	6.57	7.99	1.0	1.06
661	7/20/2007 12:01	19.63	50.972	33.52	6.78	7.99	2.6	1.13
662	7/20/2007 12:16	19.65	50.953	33.51	6.76	7.99	1.9	1.20
663	7/20/2007 12:31	19.61	50.883	33.46	6.57	7.98	2.3	1.27
664	7/20/2007 12:46	19.48	50.9	33.47	6.61	7.98	1.7	1.33
665	7/20/2007 13:01	19.39	51.018	33.56	6.63	7.98	1.7	1.41
666	7/20/2007 13:16	19.3	51.05	33.58	6.67	7.98	2.0	1.48
667	7/20/2007 13:31	19.14	51.11	33.63	6.54	7.97	1.6	1.56
668	7/20/2007 13:46	18.98	51.056	33.59	6.67	7.96	1.8	1.63
669	7/20/2007 14:01	18.77	51.099	33.62	6.78	7.96	2.4	1.70
670	7/20/2007 14:16	18.68	51.064	33.59	6.92	7.96	2.8	1.79
671	7/20/2007 14:31	18.57	51.035	33.57	7	7.96	2.9	1.85

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
672	7/20/2007 14:46	18.34	51.196	33.69	7.1	7.96	2.3	1.93
673	7/20/2007 15:01	18.1	51.099	33.61	7.22	7.97	2.9	2.00
674	7/20/2007 15:16	17.84	51.147	33.65	7.23	7.97	2.2	2.08
675	7/20/2007 15:31	17.4	51.084	33.6	7.61	8	2.2	2.15
676	7/20/2007 15:46	17.08	50.92	33.47	8.04	8.02	2.1	2.22
677	7/20/2007 16:01	16.85	50.946	33.49	8.27	8.03	1.6	2.29
678	7/20/2007 16:16	16.69	51.001	33.53	8.54	8.05	1.4	2.35
679	7/20/2007 16:31	16.56	50.942	33.48	8.69	8.06	1.5	2.40
680	7/20/2007 16:46	16.45	51.033	33.55	8.57	8.07	0.9	2.44
681	7/20/2007 17:01	16.37	50.961	33.49	8.7	8.08	1.0	2.48
682	7/20/2007 17:16	16.32	51.056	33.56	8.4	8.07	0.4	2.50
683	7/20/2007 17:31	16.31	50.772	33.35	8.15	8.05	0.2	2.50
684	7/20/2007 17:46	16.29	51.02	33.54	8.01	8.05	0.1	2.49
685	7/20/2007 18:01	16.3	50.884	33.44	7.55	8.04	0.1	2.46
686	7/20/2007 18:16	16.29	50.943	33.48	7.49	8.02	0.0	2.41
687	7/20/2007 18:31	16.51	50.927	33.47	7.92	8.04	1.9	2.33
688	7/20/2007 18:46	16.79	50.893	33.45	8.41	8.06	2.3	2.27
689	7/20/2007 19:01	17.1	50.795	33.38	8.22	8.06	1.8	2.20
690	7/20/2007 19:16	17.62	50.872	33.44	8.17	8.07	2.1	2.11
691	7/20/2007 19:31	17.97	50.939	33.5	8.11	8.06	2.0	2.03
692	7/20/2007 19:46	18.32	51.063	33.59	8.18	8.08	1.7	1.96
693	7/20/2007 20:01	18.43	51.073	33.6	8.01	8.07	2.3	1.88
694	7/20/2007 20:16	18.6	50.991	33.54	8.1	8.07	1.7	1.79
695	7/20/2007 20:31	18.77	50.916	33.48	8.08	8.08	1.5	1.72
696	7/20/2007 20:46	18.89	50.917	33.48	8.12	8.09	1.4	1.65
697	7/20/2007 21:01	19.07	51.086	33.61	8.14	8.09	1.5	1.58
698	7/20/2007 21:16	19.19	51.04	33.57	8.11	8.1	1.4	1.50
699	7/20/2007 21:31	19.3	51.023	33.56	8.08	8.09	2.0	1.43
700	7/20/2007 21:46	19.45	51.063	33.59	8.1	8.09	1.5	1.37
701	7/20/2007 22:01	19.62	50.978	33.53	8.06	8.1	1.4	1.30
702	7/20/2007 22:16	19.83	51.049	33.58	7.9	8.1	1.0	1.24
703	7/20/2007 22:31	19.98	51.051	33.58	7.75	8.1	0.7	1.19
704	7/20/2007 22:46	20.09	51.034	33.57	7.53	8.1	0.4	1.15
705	7/20/2007 23:01	20.12	51.072	33.6	7.09	8.08	0.3	1.12
706	7/20/2007 23:16	20.15	51.118	33.63	6.72	8.06	0.2	1.09
707	7/20/2007 23:31	20.19	51.151	33.65	6.47	8.07	0.2	1.09
708	7/20/2007 23:46	20.22	51.166	33.66	6.47	8.06	0.3	1.09
709	7/21/2007 00:01	20.22	51.175	33.67	6.39	8.03	0.1	1.10
710	7/21/2007 00:16	20.23	51.082	33.6	6.2	8.03	0.1	1.14
711	7/21/2007 00:31	20.21	51.144	33.65	6.82	8.07	0.1	1.17
712	7/21/2007 00:46	20.14	51.154	33.66	7.44	8.11	0.8	1.22
713	7/21/2007 01:01	20.04	51.178	33.67	7.63	8.11	1.3	1.27
714	7/21/2007 01:16	19.97	51.213	33.7	7.6	8.12	1.2	1.32
715	7/21/2007 01:31	19.9	51.192	33.68	7.97	8.11	2.4	1.37
716	7/21/2007 01:46	19.89	51.123	33.63	7.81	8.09	2.9	1.42
717	7/21/2007 02:01	19.87	51.128	33.64	7.67	8.08	1.4	1.47
718	7/21/2007 02:16	19.82	51.033	33.57	7.46	8.07	0.9	1.51
719	7/21/2007 02:31	19.73	51.116	33.63	7.3	8.05	1.0	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
720	7/21/2007 02:46	19.62	51.083	33.6	7.3	8.05	1.3	1.61
721	7/21/2007 03:01	19.52	51.115	33.63	7.19	8.05	0.5	1.65
722	7/21/2007 03:16	19.4	51.037	33.57	7.4	8.03	0.6	1.69
723	7/21/2007 03:31	19.24	51.092	33.61	7.27	8.03	0.4	1.74
724	7/21/2007 03:46	19.09	51.047	33.58	7.27	8.02	0.6	1.78
725	7/21/2007 04:01	18.93	51.168	33.67	6.91	8	0.6	1.83
726	7/21/2007 04:16	18.83	51.122	33.63	6.91	7.99	0.6	1.86
727	7/21/2007 04:31	18.74	51.032	33.57	6.88	7.98	0.6	1.89
728	7/21/2007 04:46	18.64	51.077	33.6	6.62	7.97	0.4	1.93
729	7/21/2007 05:01	18.56	50.972	33.52	6.77	7.97	0.4	1.95
730	7/21/2007 05:16	18.49	51.131	33.64	6.65	7.96	0.0	1.96
731	7/21/2007 05:31	18.44	51.082	33.6	6.03	7.95	0.0	1.97
732	7/21/2007 05:46	18.42	51.213	33.7	5.95	7.94	0.0	1.97
733	7/21/2007 06:01	18.41	50.97	33.52	5.92	7.93	0.0	1.94
734	7/21/2007 06:16	18.37	50.961	33.51	5.8	7.93	0.0	1.93
735	7/21/2007 06:31	18.35	51.038	33.57	5.63	7.92	0.0	1.88
736	7/21/2007 06:46	18.33	50.948	33.5	5.8	7.94	0.3	1.82
737	7/21/2007 07:01	18.42	50.926	33.49	6.37	7.96	0.8	1.79
738	7/21/2007 07:16	18.54	51.027	33.56	6.21	7.97	0.7	1.73
739	7/21/2007 07:31	18.67	50.806	33.4	6.04	7.97	1.4	1.65
740	7/21/2007 07:46	18.81	50.906	33.47	5.95	7.96	0.9	1.59
741	7/21/2007 08:01	18.91	50.989	33.54	5.85	7.96	1.0	1.53
742	7/21/2007 08:16	19.01	50.907	33.48	5.86	7.95	1.0	1.47
743	7/21/2007 08:31	19.1	50.96	33.51	5.84	7.96	0.9	1.40
744	7/21/2007 08:46	19.2	51.054	33.58	5.91	7.96	0.8	1.34
745	7/21/2007 09:01	19.32	50.969	33.52	5.96	7.97	0.6	1.30
746	7/21/2007 09:16	19.43	51.004	33.55	5.98	7.97	0.6	1.24
747	7/21/2007 09:31	19.48	50.964	33.52	6.07	7.98	0.7	1.18
748	7/21/2007 09:46	19.65	51.062	33.59	5.98	7.99	0.4	1.16
749	7/21/2007 10:01	19.76	51.046	33.58	6.13	7.99	0.3	1.13
750	7/21/2007 10:16	19.84	50.996	33.54	5.99	7.99	0.3	1.10
751	7/21/2007 10:31	19.93	51.098	33.62	5.84	7.99	0.1	1.08
752	7/21/2007 10:46	20.05	51.097	33.61	5.77	7.99	0.0	1.09
753	7/21/2007 11:01	20.13	51.036	33.57	6.3	8	0.5	1.10
754	7/21/2007 11:16	20.22	51.17	33.67	6.43	8.02	1.1	1.09
755	7/21/2007 11:31	20.2	51.099	33.61	6.4	8.01	0.7	1.14
756	7/21/2007 11:46	20.18	51.197	33.69	6.22	8	0.3	1.17
757	7/21/2007 12:01	20.19	51.089	33.61	6.81	8.02	1.4	1.22
758	7/21/2007 12:16	20.18	51.158	33.66	6.76	8.02	0.7	1.26
759	7/21/2007 12:31	20.14	51.096	33.61	6.68	8.01	0.7	1.30
760	7/21/2007 12:46	20.06	51.137	33.64	6.94	8.01	1.2	1.38
761	7/21/2007 13:01	20.02	51.164	33.66	6.78	8	0.8	1.42
762	7/21/2007 13:16	19.93	51.1	33.62	6.79	8	1.4	1.48
763	7/21/2007 13:31	19.84	51.132	33.64	6.68	7.99	0.7	1.54
764	7/21/2007 13:46	19.74	51.065	33.59	6.58	7.98	0.7	1.60
765	7/21/2007 14:01	19.56	51.174	33.67	6.58	7.98	0.7	1.66
766	7/21/2007 14:16	19.44	51.265	33.74	6.87	7.98	1.2	1.73
767	7/21/2007 14:31	19.35	51.055	33.58	7.15	8	1.2	1.79

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	7/21/2007 14:46	19.28	51.164	33.67	7.44	8.01	1.9	1.86
769	7/21/2007 15:01	19.13	51.067	33.59	7.54	8.01	1.5	1.93
770	7/21/2007 15:16	18.97	51.12	33.63	7.52	8.01	1.2	1.98
771	7/21/2007 15:31	18.62	51.241	33.72	7.74	8.02	1.9	2.06
772	7/21/2007 15:46	18.44	51.051	33.58	7.91	8.03	1.9	2.13
773	7/21/2007 16:01	18.29	50.953	33.51	7.83	8.03	1.6	2.19
774	7/21/2007 16:16	18.05	50.939	33.5	8.04	8.04	1.4	2.27
775	7/21/2007 16:31	17.84	50.978	33.52	8.23	8.05	0.9	2.33
776	7/21/2007 16:46	17.64	50.998	33.54	8.16	8.05	0.4	2.38
777	7/21/2007 17:01	17.39	50.966	33.51	8.66	8.05	0.3	2.43
778	7/21/2007 17:16	17.2	50.977	33.52	8.55	8.08	0.3	2.48
779	7/21/2007 17:31	17.12	50.863	33.43	8.43	8.08	0.2	2.50
780	7/21/2007 17:46	17.04	50.97	33.51	7.92	8.07	0.0	2.53
781	7/21/2007 18:01	17.01	50.935	33.48	7.88	8.07	0.0	2.53
782	7/21/2007 18:16	16.99	50.596	33.23	8.43	8.08	0.1	2.53
783	7/21/2007 18:31	17	50.85	33.42	8.01	8.08	0.0	2.50
784	7/21/2007 18:46	17.01	50.845	33.42	8.01	8.08	0.5	2.46
785	7/21/2007 19:01	17.11	50.834	33.41	8.19	8.08	0.9	2.40
786	7/21/2007 19:16	17.32	50.849	33.42	8.25	8.09	1.1	2.34
787	7/21/2007 19:31	17.62	50.812	33.4	8.3	8.08	1.5	2.26
788	7/21/2007 19:46	18.04	50.914	33.48	8.22	8.09	1.3	2.19
789	7/21/2007 20:01	18.54	50.947	33.5	8.2	8.09	1.4	2.12
790	7/21/2007 20:16	18.81	51.019	33.56	8.07	8.09	1.0	2.03
791	7/21/2007 20:31	19.05	51.01	33.55	8.12	8.1	1.1	1.97
792	7/21/2007 20:46	19.21	50.908	33.48	7.94	8.1	1.5	1.90
793	7/21/2007 21:01	19.33	50.945	33.5	7.99	8.1	1.2	1.82
794	7/21/2007 21:16	19.52	51.041	33.57	7.97	8.11	1.4	1.75
795	7/21/2007 21:31	19.65	51.038	33.57	7.88	8.1	1.3	1.67
796	7/21/2007 21:46	19.78	51.061	33.59	8.01	8.11	1.2	1.60
797	7/21/2007 22:01	19.94	51.042	33.57	8.03	8.12	1.0	1.53
798	7/21/2007 22:16	20.09	51.084	33.6	7.98	8.12	1.1	1.45
799	7/21/2007 22:31	20.17	51.047	33.58	7.86	8.11	1.3	1.39
800	7/21/2007 22:46	20.24	51.056	33.58	7.7	8.11	1.5	1.32
801	7/21/2007 23:01	20.34	51.068	33.59	7.56	8.11	0.8	1.25
802	7/21/2007 23:16	20.55	51.14	33.64	7.55	8.12	0.9	1.18
803	7/21/2007 23:31	20.68	50.844	33.42	7.6	8.13	0.7	1.14
804	7/21/2007 23:46	20.72	50.999	33.54	7	8.1	0.4	1.09
805	7/22/2007 00:01	20.86	51.042	33.57	6.78	8.09	0.3	1.04
806	7/22/2007 00:16	20.93	51.2	33.68	6.81	8.09	0.1	1.03
807	7/22/2007 00:31	21.06	51.185	33.67	6.84	8.11	0.1	1.02
808	7/22/2007 00:46	21.11	51.12	33.62	6.79	8.11	0.0	1.02
809	7/22/2007 01:01	21.13	51.213	33.69	6.69	8.1	0.2	1.03
810	7/22/2007 01:16	21.11	51.055	33.58	6.51	8.09	0.1	1.05
811	7/22/2007 01:31	21.09	51.207	33.69	6.29	8.07	0.0	1.08
812	7/22/2007 01:46	21.05	51.275	33.74	6.79	8.09	0.0	1.12
813	7/22/2007 02:01	20.97	51.202	33.69	7.31	8.13	0.9	1.17
814	7/22/2007 02:16	20.93	51.199	33.68	7.61	8.14	1.0	1.22
815	7/22/2007 02:31	20.89	51.126	33.63	7.63	8.14	0.7	1.26

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
816	7/22/2007 02:46	20.8	51.242	33.72	7.78	8.13	0.9	1.32
817	7/22/2007 03:01	20.76	51.204	33.69	7.67	8.13	1.5	1.35
818	7/22/2007 03:16	20.73	51.209	33.69	7.54	8.11	1.3	1.40
819	7/22/2007 03:31	20.69	51.129	33.63	7.35	8.11	0.7	1.45
820	7/22/2007 03:46	20.65	51.234	33.71	7.2	8.1	0.3	1.49
821	7/22/2007 04:01	20.58	51.101	33.61	7.01	8.08	0.1	1.54
822	7/22/2007 04:16	20.5	51.084	33.6	7.22	8.08	0.3	1.57
823	7/22/2007 04:31	20.41	51.111	33.62	6.93	8.07	0.0	1.61
824	7/22/2007 04:46	20.26	51.227	33.71	7.13	8.06	0.1	1.65
825	7/22/2007 05:01	20.17	51.188	33.68	6.77	8.06	0.3	1.67
826	7/22/2007 05:16	20.04	51.085	33.6	6.79	8.04	0.0	1.71
827	7/22/2007 05:31	19.92	51.086	33.61	6.72	8.04	0.0	1.74
828	7/22/2007 05:46	19.83	51.167	33.67	6.51	8.02	0.0	1.76
829	7/22/2007 06:01	19.76	51.174	33.67	6.38	8.01	0.0	1.78
830	7/22/2007 06:16	19.71	50.997	33.54	6.21	7.99	0.0	1.79
831	7/22/2007 06:31	19.67	51.139	33.65	5.67	7.98	0.0	1.80
832	7/22/2007 06:46	19.64	51.072	33.6	5.53	7.97	0.0	1.81
833	7/22/2007 07:01	19.62	51.056	33.58	5.47	7.97	0.0	1.80
834	7/22/2007 07:16	19.6	51.031	33.57	5.35	7.96	0.0	1.78
835	7/22/2007 07:31	19.55	50.993	33.54	5.33	7.95	0.1	1.77
836	7/22/2007 07:46	19.53	50.967	33.52	5.14	7.95	0.0	1.74
837	7/22/2007 08:01	19.53	51.071	33.6	5.12	7.95	0.3	1.70
838	7/22/2007 08:16	19.55	51.052	33.58	5.47	7.97	0.3	1.67
839	7/22/2007 08:31	19.67	51.006	33.55	5.54	7.99	0.3	1.62
840	7/22/2007 08:46	19.81	50.999	33.54	5.83	8	0.8	1.57
841	7/22/2007 09:01	19.94	51.031	33.57	5.76	8	0.6	1.53
842	7/22/2007 09:16	20.05	51.052	33.58	5.88	7.99	0.6	1.49
843	7/22/2007 09:31	20.11	51.111	33.62	5.91	8.01	0.7	1.44
844	7/22/2007 09:46	20.18	51.064	33.59	5.92	8.01	0.9	1.41
845	7/22/2007 10:01	20.21	51.119	33.63	5.83	8	0.6	1.37
846	7/22/2007 10:16	20.28	51.045	33.57	5.81	8	0.5	1.33
847	7/22/2007 10:31	20.35	51.011	33.55	5.83	8	0.4	1.31
848	7/22/2007 10:46	20.4	51.019	33.55	5.72	8.01	0.3	1.28
849	7/22/2007 11:01	20.46	51.139	33.64	5.65	8.01	0.3	1.27
850	7/22/2007 11:16	20.51	51.103	33.62	5.47	8	0.0	1.26
851	7/22/2007 11:31	20.57	51.07	33.59	5.4	8	0.0	1.26
852	7/22/2007 11:46	20.64	51.081	33.6	5.35	7.99	0.0	1.27
853	7/22/2007 12:01	20.68	51.17	33.66	5.34	8	0.0	1.28
854	7/22/2007 12:16	20.7	51.084	33.6	5.54	7.99	0.0	1.29
855	7/22/2007 12:31	20.69	51.198	33.68	5.44	7.98	0.0	1.32
856	7/22/2007 12:46	20.66	51.115	33.62	5.67	8.02	0.2	1.35
857	7/22/2007 13:01	20.65	51.101	33.61	6.01	8.01	0.3	1.39
858	7/22/2007 13:16	20.6	51.082	33.6	6.32	8.02	0.7	1.44
859	7/22/2007 13:31	20.55	51.061	33.59	6.98	8.04	1.4	1.50
860	7/22/2007 13:46	20.56	51.065	33.59	6.77	8.05	1.4	1.53
861	7/22/2007 14:01	20.49	51.106	33.62	6.79	8.04	0.4	1.59
862	7/22/2007 14:16	20.36	51.164	33.66	6.57	8.03	0.4	1.64
863	7/22/2007 14:31	20.22	51.049	33.58	6.74	8.03	0.0	1.70

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
864	7/22/2007 14:46	20.03	51.139	33.65	6.74	8.02	0.2	1.76
865	7/22/2007 15:01	19.79	51.192	33.68	6.63	8.01	0.6	1.81
866	7/22/2007 15:16	19.5	51.102	33.62	7.21	8.02	0.6	1.88
867	7/22/2007 15:31	19.3	51.003	33.55	7.25	8.03	0.6	1.93
868	7/22/2007 15:46	19.16	50.963	33.52	7.57	8.03	0.5	1.99
869	7/22/2007 16:01	18.99	50.964	33.52	7.84	8.05	0.9	2.05
870	7/22/2007 16:16	18.85	50.996	33.54	7.78	8.05	0.3	2.11
871	7/22/2007 16:31	18.7	51.008	33.55	7.7	8.05	0.4	2.18
872	7/22/2007 16:46	18.55	51.031	33.57	7.76	8.05	0.4	2.23
873	7/22/2007 17:01	18.4	51.001	33.54	7.7	8.04	0.4	2.29
874	7/22/2007 17:16	18.2	50.923	33.48	7.65	8.05	0.3	2.34
875	7/22/2007 17:31	18.03	50.897	33.46	8.11	8.06	0.7	2.39
876	7/22/2007 17:46	17.91	51.057	33.58	8.1	8.06	0.3	2.43
877	7/22/2007 18:01	17.85	51.067	33.59	7.96	8.05	0.1	2.45
878	7/22/2007 18:16	17.78	50.965	33.51	7.91	8.07	0.0	2.49
879	7/22/2007 18:31	17.74	51.064	33.59	7.69	8.06	0.0	2.49
880	7/22/2007 18:46	17.75	50.859	33.44	7.95	8.06	0.0	2.49
881	7/22/2007 19:01	17.75	50.829	33.41	7.57	8.05	0.0	2.46
882	7/22/2007 19:16	17.74	51.053	33.58	7.07	8.04	0.0	2.45
883	7/22/2007 19:31	17.76	51.039	33.57	7.6	8.05	0.4	2.40
884	7/22/2007 19:46	18.17	50.953	33.51	7.79	8.08	0.8	2.34
885	7/22/2007 20:01	18.44	50.997	33.54	8.14	8.08	0.8	2.29
886	7/22/2007 20:16	18.6	50.752	33.36	8	8.08	1.0	2.23
887	7/22/2007 20:31	18.95	51.019	33.56	7.92	8.08	1.3	2.15
888	7/22/2007 20:46	19.31	50.812	33.41	7.7	8.08	1.0	2.09
889	7/22/2007 21:01	19.53	51.099	33.62	7.46	8.08	0.9	2.02
890	7/22/2007 21:16	19.72	51.002	33.54	7.29	8.07	0.7	1.95
891	7/22/2007 21:31	19.86	50.993	33.54	7.66	8.08	0.4	1.88
892	7/22/2007 21:46	19.98	51.013	33.55	7.47	8.08	0.7	1.80
893	7/22/2007 22:01	20.12	51.113	33.63	7.99	8.09	0.6	1.72
894	7/22/2007 22:16	20.32	51.065	33.59	8.13	8.11	1.2	1.65
895	7/22/2007 22:31	20.48	51.028	33.56	8.21	8.11	0.8	1.58
896	7/22/2007 22:46	20.69	51.11	33.62	7.95	8.1	0.9	1.49
897	7/22/2007 23:01	20.82	51.123	33.63	7.95	8.1	1.0	1.42
898	7/22/2007 23:16	20.96	51.091	33.6	7.75	8.1	1.0	1.35
899	7/22/2007 23:31	21.12	51.183	33.67	7.64	8.1	0.6	1.26
900	7/22/2007 23:46	21.3	51.174	33.66	7.62	8.1	0.6	1.19
901	7/23/2007 00:01	21.51	51.083	33.59	7.43	8.11	0.7	1.12
902	7/23/2007 00:16	21.53	51.248	33.71	6.98	8.09	0.6	1.06
903	7/23/2007 00:31	21.65	51.181	33.66	6.77	8.08	0.3	0.99
904	7/23/2007 00:46	21.82	51.154	33.64	6.76	8.09	0.2	0.96
905	7/23/2007 01:01	21.88	51.266	33.72	6.42	8.08	0.1	0.93
906	7/23/2007 01:16	21.99	51.245	33.71	6.43	8.08	0.0	0.91
907	7/23/2007 01:31	22.03	51.256	33.71	6.51	8.08	0.0	0.90
908	7/23/2007 01:46	22.1	51.273	33.73	6.28	8.07	0.0	0.89
909	7/23/2007 02:01	22.11	51.254	33.71	6.43	8.08	0.0	0.92
910	7/23/2007 02:16	22.1	51.177	33.66	6.18	8.06	0.0	0.92
911	7/23/2007 02:31	22.06	51.279	33.73	6.25	8.07	0.0	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
912	7/23/2007 02:46	22.02	51.385	33.81	6.81	8.09	0.0	0.99
913	7/23/2007 03:01	21.96	51.299	33.75	7.26	8.11	0.1	1.03
914	7/23/2007 03:16	21.9	51.323	33.77	7.82	8.14	0.3	1.09
915	7/23/2007 03:31	21.9	51.169	33.65	7.89	8.13	1.6	1.13
916	7/23/2007 03:46	21.91	51.154	33.64	7.71	8.13	1.0	1.17
917	7/23/2007 04:01	21.9	51.055	33.57	7.65	8.12	0.9	1.22
918	7/23/2007 04:16	21.87	51.091	33.59	7.61	8.12	0.7	1.27
919	7/23/2007 04:31	21.85	51.301	33.75	7.69	8.12	0.8	1.30
920	7/23/2007 04:46	21.83	51.277	33.73	7.5	8.12	0.6	1.36
921	7/23/2007 05:01	21.78	51.151	33.64	7.45	8.1	0.0	1.40
922	7/23/2007 05:16	21.72	51.108	33.61	7.46	8.11	0.2	1.44
923	7/23/2007 05:31	21.6	51.115	33.62	7.2	8.1	0.0	1.49
924	7/23/2007 05:46	21.43	51.296	33.75	7.27	8.08	0.2	1.53
925	7/23/2007 06:01	21.28	51.187	33.67	7.16	8.07	0.0	1.57
926	7/23/2007 06:16	21.06	51.228	33.7	7.27	8.07	0.4	1.62
927	7/23/2007 06:31	20.96	51.045	33.57	6.97	8.06	0.0	1.65
928	7/23/2007 06:46	20.85	51.188	33.68	6.78	8.05	0.0	1.67
929	7/23/2007 07:01	20.7	51.19	33.68	6.74	8.04	0.0	1.70
930	7/23/2007 07:16	20.55	51.247	33.72	6.71	8.03	0.1	1.72
931	7/23/2007 07:31	20.51	51.218	33.7	6.55	8.03	0.0	1.73
932	7/23/2007 07:46	20.39	51.234	33.71	6.64	8.02	0.0	1.75
933	7/23/2007 08:01	20.37	51.219	33.7	6.5	8.02	0.0	1.76
934	7/23/2007 08:16	20.35	51.134	33.64	5.99	7.99	0.0	1.76
935	7/23/2007 08:31	20.34	51.127	33.63	5.8	7.99	0.0	1.76
936	7/23/2007 08:46	20.33	51.182	33.68	5.5	7.98	0.0	1.74
937	7/23/2007 09:01	20.32	51.226	33.71	5.37	7.97	0.0	1.73
938	7/23/2007 09:16	20.31	51.126	33.63	5.17	7.97	0.0	1.71
939	7/23/2007 09:31	20.36	51.097	33.61	6.37	8.03	5.4	1.68
940	7/23/2007 09:46	20.42	51.102	33.62	6.6	8.03	1.2	1.65
941	7/23/2007 10:01	20.66	51.052	33.58	6.73	8.04	0.9	1.60
942	7/23/2007 10:16	20.95	51.01	33.54	6.62	8.05	0.6	1.57
943	7/23/2007 10:31	21.13	51.093	33.6	6.7	8.06	0.5	1.55
944	7/23/2007 10:46	21.21	51.072	33.59	6.46	8.06	0.4	1.51
945	7/23/2007 11:01	21.32	51.189	33.67	6.37	8.06	0.7	1.47
946	7/23/2007 11:16	21.52	51.076	33.59	6.64	8.07	0.7	1.45
947	7/23/2007 11:31	21.58	51.144	33.64	6.8	8.07	0.5	1.44
948	7/23/2007 11:46	21.65	51.162	33.65	6.81	8.07	0.3	1.43
949	7/23/2007 12:01	21.67	51.124	33.62	6.69	8.06		1.40
950	7/23/2007 12:16	21.69	51.224	33.69	6.17	8.04	0.0	1.41
951	7/23/2007 12:31	21.68	51.192	33.67	6.01	8.02	0.0	1.43
952	7/23/2007 12:46	21.66	51.251	33.72	6.47	8.04	0.2	1.43
953	7/23/2007 13:01	21.65	51.154	33.64	6.26	8.04	0.0	1.44
954	7/23/2007 13:16	21.64	51.053	33.57	6.67	8.05	0.5	1.46
955	7/23/2007 13:31	21.56	51.115	33.62	6.87	8.07	0.0	1.50
956	7/23/2007 13:46	21.52	51.127	33.63	7	8.06	0.5	1.53
957	7/23/2007 14:01	21.56	51.053	33.57	7.54	8.08	1.0	1.54
958	7/23/2007 14:16	21.55	51.169	33.66	7.25	8.08	0.2	1.59
959	7/23/2007 14:31	21.48	50.994	33.53	6.88	8.06	0.1	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
960	7/23/2007 14:46	21.36	51.271	33.73	7.56	8.09	1.5	1.68
961	7/23/2007 15:01	21.37	51.169	33.66	7.98	8.1	1.0	1.72
962	7/23/2007 15:16	21.36	51.147	33.64	7.86	8.09	0.8	1.78
963	7/23/2007 15:31	21.22	51.23	33.7	7.97	8.08	0.4	1.83
964	7/23/2007 15:46	20.97	51.281	33.74	7.65	8.07	0.4	1.88
965	7/23/2007 16:01	20.58	51.291	33.75	7.85	8.08	0.7	1.93
966	7/23/2007 16:16	20.38	51.167	33.66	8.1	8.09	1.2	1.98
967	7/23/2007 16:31	20.1	51.186	33.68	8.12	8.08	0.9	2.05
968	7/23/2007 16:46	19.86	51.187	33.68	8.01	8.08	0.4	2.10
969	7/23/2007 17:01	19.48	51.076	33.6	7.82	8.07	0.4	2.14
970	7/23/2007 17:16	18.79	51.049	33.58	7.88	8.06	0.3	2.21
971	7/23/2007 17:31	18.47	51.109	33.62	7.96	8.07	0.6	2.27
972	7/23/2007 17:46	18.28	51.05	33.58	8.19	8.07	0.4	2.32
973	7/23/2007 18:01	18.18	51.16	33.66	8.31	8.08	0.9	2.36
974	7/23/2007 18:16	18.17	50.852	33.43	8.5	8.09	0.7	2.40
975	7/23/2007 18:31	18.16	50.825	33.41	8.44	8.09	0.4	2.45
976	7/23/2007 18:46	18.13	51.045	33.57	8.06	8.08	0.0	2.47
977	7/23/2007 19:01	18.06	50.966	33.52	7.87	8.07	0.0	2.48
978	7/23/2007 19:16	17.99	50.923	33.48	7.61	8.06	0.0	2.49
979	7/23/2007 19:31	17.94	50.911	33.47	7.48	8.05	0.0	2.49
980	7/23/2007 19:46	17.93	50.979	33.52	7.44	8.05	0.0	2.48
981	7/23/2007 20:01	17.96	50.856	33.43	7.66	8.06	0.2	2.44
982	7/23/2007 20:16	18.19	50.906	33.47	8.01	8.08	0.5	2.41
983	7/23/2007 20:31	18.39	50.786	33.38	8.17	8.09	0.5	2.35
984	7/23/2007 20:46	18.54	50.857	33.44	8.08	8.09	0.9	2.30
985	7/23/2007 21:01	18.79	50.88	33.46	7.81	8.08	1.7	2.23
986	7/23/2007 21:16	19.09	50.858	33.44	7.41	8.07	3.4	2.16
987	7/23/2007 21:31	19.06	51.071	33.6	7.22	8.06	2.6	2.10
988	7/23/2007 21:46	19.1	50.959	33.51	7.13	8.06	2.3	2.03
989	7/23/2007 22:01	19.26	51.124	33.64	7.24	8.06	2.5	1.96
990	7/23/2007 22:16	19.56	51.04	33.57	7.31	8.08	3.1	1.88
991	7/23/2007 22:31	19.71	51.023	33.56	7.43	8.08	4.1	1.80
992	7/23/2007 22:46	19.79	51.086	33.61	7.24	8.07	4.0	1.73
993	7/23/2007 23:01	19.91	51.078	33.6	7.1	8.07	4.2	1.64
994	7/23/2007 23:16	20.23	51.082	33.6	7.19	8.08	4.7	1.56
995	7/23/2007 23:31	20.42	51.048	33.58	7.07	8.08	4.8	1.48
996	7/23/2007 23:46	20.56	51.142	33.64	6.93	8.09	4.7	1.39
997	7/24/2007 00:01	20.69	51.138	33.64	6.77	8.08	4.6	1.30
998	7/24/2007 00:16	20.76	51.082	33.6	6.85	8.08	4.8	1.22
999	7/24/2007 00:31	20.79	51.085	33.6	6.6	8.07	4.3	1.14
1000	7/24/2007 00:46	20.95	51.251	33.72	6.63	8.08	3.9	1.05
1001	7/24/2007 01:01	21.03	51.217	33.7	6.51	8.06	3.8	0.97
1002	7/24/2007 01:16	21.17	51.213	33.69	6.52	8.07	3.0	0.92
1003	7/24/2007 01:31	21.2	51.227	33.7	6.26	8.04	2.9	0.85
1004	7/24/2007 01:46	21.33	51.053	33.57	6.16	8.03	2.5	0.80
1005	7/24/2007 02:01	21.47	51.11	33.61	5.73	8.03	1.5	0.78
1006	7/24/2007 02:16	21.51	51.053	33.57	5.44	8	1.2	0.75
1007	7/24/2007 02:31	21.57	51.225	33.7	5.08	7.98	1.2	0.75

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	7/24/2007 02:46	21.62	51.119	33.62	4.94	7.98	0.9	0.74
1009	7/24/2007 03:01	21.73	51.178	33.66	4.9	7.98	0.7	0.76
1010	7/24/2007 03:16	21.83	51.005	33.53	4.92	8.01	0.9	0.79
1011	7/24/2007 03:31	21.84	51.198	33.67	5.12	8.02	0.6	0.81
1012	7/24/2007 03:46	21.83	51.407	33.83	5.54	8.07	0.8	0.85
1013	7/24/2007 04:01	21.82	51.359	33.79	6.43	8.11	2.4	0.89
1014	7/24/2007 04:16	21.81	51.28	33.73	6.38	8.11	2.5	0.95
1015	7/24/2007 04:31	21.81	51.38	33.81	6.1	8.1	2.3	0.99
1016	7/24/2007 04:46	21.79	51.416	33.84	6.39	8.11	2.8	1.03
1017	7/24/2007 05:01	21.78	51.395	33.82	6.3	8.11	2.0	1.07
1018	7/24/2007 05:16	21.77	51.389	33.82	6.24	8.11	1.9	1.14
1019	7/24/2007 05:31	21.73	51.35	33.79	6.26	8.1	2.8	1.18
1020	7/24/2007 05:46	21.72	51.297	33.75	6.21	8.1	2.4	1.21
1021	7/24/2007 06:01	21.7	51.298	33.75	6.16	8.1	2.0	1.28
1022	7/24/2007 06:16	21.67	51.263	33.72	6.3	8.1	1.9	1.33
1023	7/24/2007 06:31	21.63	51.232	33.7	6.13	8.1	1.5	1.38
1024	7/24/2007 06:46	21.59	51.305	33.76	6.04	8.09	2.4	1.41
1025	7/24/2007 07:01	21.51	51.193	33.67	5.87	8.08	1.4	1.46
1026	7/24/2007 07:16	21.32	51.282	33.74	6.26	8.06	1.2	1.52
1027	7/24/2007 07:31	21.23	51.191	33.68	5.91	8.06	1.5	1.54
1028	7/24/2007 07:46	21.11	51.271	33.74	5.99	8.05	1.4	1.57
1029	7/24/2007 08:01	20.96	51.233	33.71	5.76	8.04	0.9	1.61
1030	7/24/2007 08:16	20.82	51.163	33.66	5.94	8.05	0.7	1.65
1031	7/24/2007 08:31	20.76	51.262	33.73	5.91	8.04	0.8	1.67
1032	7/24/2007 08:46	20.73	51.131	33.64	5.85	8.04	0.5	1.68
1033	7/24/2007 09:01	20.66	51.236	33.71	5.81	8.03	0.6	1.71
1034	7/24/2007 09:16	20.63	51.159	33.66	5.83	8.03	0.6	1.73
1035	7/24/2007 09:31	20.62	51.108	33.62	5.76	8.02	0.4	1.74
1036	7/24/2007 09:46	20.61	51.095	33.61	5.62	8.02	0.2	1.73
1037	7/24/2007 10:01	20.59	51.158	33.66	5.23	8	0.0	1.73
1038	7/24/2007 10:16	20.58	51.185	33.68	5.04	7.99	0.0	1.73
1039	7/24/2007 10:31	20.53	51.354	33.8	5.23	7.99	0.4	1.72
1040	7/24/2007 10:46	20.52	51.169	33.66	5.28	8	0.3	1.70
1041	7/24/2007 11:01	20.51	51.339	33.79	5.51	8.02	0.6	1.68
1042	7/24/2007 11:16	20.53	51.277	33.74	5.86	8.02	0.4	1.65
1043	7/24/2007 11:31	20.56	51.206	33.69	6	8.04	0.9	1.63
1044	7/24/2007 11:46	20.6	51.125	33.63	6	8.04	0.7	1.60
1045	7/24/2007 12:01	20.67	51.224	33.7	6.06	8.04	1.0	1.56
1046	7/24/2007 12:16	20.75	51.149	33.65	6.09	8.04	1.3	1.54
1047	7/24/2007 12:31	20.84	51.198	33.68	6.17	8.05	0.8	1.52
1048	7/24/2007 12:46	20.96	51.158	33.65	6.54	8.06	1.0	1.50
1049	7/24/2007 13:01	21.07	51.219	33.7	6.39	8.06	0.8	1.48
1050	7/24/2007 13:16	21.2	51.243	33.71	6.45	8.07	0.6	1.48
1051	7/24/2007 13:31	21.27	51.174	33.66	6.12	8.06	0.4	1.48
1052	7/24/2007 13:46	21.31	51.272	33.73	6	8.05	0.1	1.48
1053	7/24/2007 14:01	21.33	51.257	33.72	6.34	8.05	0.4	1.49
1054	7/24/2007 14:16	21.33	51.297	33.75	6.32	8.05	0.4	1.52
1055	7/24/2007 14:31	21.35	51.286	33.74	6.59	8.08	0.9	1.54

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	7/24/2007 14:46	21.39	51.26	33.72	6.74	8.09	1.2	1.56
1057	7/24/2007 15:01	21.38	51.258	33.72	6.6	8.08	1.1	1.60
1058	7/24/2007 15:16	21.3	51.126	33.63	6.47	8.07	1.0	1.64
1059	7/24/2007 15:31	21.22	51.281	33.74	6.43	8.06	0.7	1.67
1060	7/24/2007 15:46	21.12	51.18	33.67	6.59	8.06	1.0	1.72
1061	7/24/2007 16:01	21.01	51.274	33.74	6.99	8.09	1.1	1.76
1062	7/24/2007 16:16	20.91	51.275	33.74	7	8.08	1.2	1.82
1063	7/24/2007 16:31	20.81	51.298	33.76	6.75	8.08	0.7	1.86
1064	7/24/2007 16:46	20.57	51.241	33.72	6.76	8.07	1.0	1.91
1065	7/24/2007 17:01	20.23	51.278	33.75	7	8.07	1.1	1.98
1066	7/24/2007 17:16	20.02	51.079	33.6	7.06	8.07	1.2	2.03
1067	7/24/2007 17:31	19.76	51.014	33.55	7.11	8.07	1.0	2.07
1068	7/24/2007 17:46	19.35	51.144	33.65	7.15	8.07	1.0	2.13
1069	7/24/2007 18:01	18.94	50.993	33.54	7.65	8.08	1.2	2.19
1070	7/24/2007 18:16	18.78	50.993	33.54	7.51	8.08	1.0	2.23
1071	7/24/2007 18:31	18.56	51.085	33.61	7.44	8.07	0.9	2.29
1072	7/24/2007 18:46	18.3	50.992	33.54	7.77	8.07	0.9	2.34
1073	7/24/2007 19:01	18.15	51.071	33.59	7.28	8.07	0.7	2.38
1074	7/24/2007 19:16	18.09	51.033	33.57	7.58	8.07	0.6	2.42
1075	7/24/2007 19:31	18.06	50.901	33.47	7.3	8.06	0.4	2.44
1076	7/24/2007 19:46	17.95	51.045	33.57	7.02	8.05	0.3	2.48
1077	7/24/2007 20:01	17.9	51.027	33.56	6.84	8.05	0.1	2.49
1078	7/24/2007 20:16	17.9	50.868	33.44	6.94	8.05	0.1	2.49
1079	7/24/2007 20:31	17.91	51.045	33.57	6.98	8.04	0.2	2.47
1080	7/24/2007 20:46	17.97	50.9	33.47	7.12	8.05	0.5	2.45
1081	7/24/2007 21:01	18.08	50.77	33.37	6.89	8.06	0.4	2.43
1082	7/24/2007 21:16	18.38	50.773	33.38	6.91	8.06	0.9	2.38
1083	7/24/2007 21:31	18.62	50.792	33.39	6.96	8.07	1.0	2.32
1084	7/24/2007 21:46	18.87	50.848	33.43	6.77	8.07	1.1	2.26
1085	7/24/2007 22:01	19.08	50.947	33.51	6.54	8.06	1.1	2.20
1086	7/24/2007 22:16	19.21	50.955	33.51	6.7	8.06	1.4	2.12
1087	7/24/2007 22:31	19.3	50.963	33.52	7.1	8.08	1.7	2.03
1088	7/24/2007 22:46	19.44	51.071	33.6	7.16	8.09	2.0	1.98
1089	7/24/2007 23:01	19.59	50.887	33.46	7.18	8.09	1.6	1.88
1090	7/24/2007 23:16	19.77	51.011	33.55	7.11	8.09	1.9	1.80
1091	7/24/2007 23:31	19.95	51.021	33.56	7.11	8.09	1.9	1.73
1092	7/24/2007 23:46	20	51.113	33.63	6.93	8.09	1.5	1.64
1093	7/25/2007 00:01	20.04	51.09	33.61	6.79	8.07	1.8	1.55
1094	7/25/2007 00:16	20.04	51.136	33.64	6.78	8.08	1.8	1.45
1095	7/25/2007 00:31	20.04	51.112	33.63	6.64	8.08	1.8	1.37
1096	7/25/2007 00:46	20.13	50.981	33.53	6.49	8.07	1.6	1.27
1097	7/25/2007 01:01	20.16	51.157	33.66	6.35	8.04	1.6	1.17
1098	7/25/2007 01:16	20.16	51.078	33.6	5.86	8.03	1.5	1.08
1099	7/25/2007 01:31	20.21	50.876	33.45	5.26	8.02	1.2	0.98
1100	7/25/2007 01:46	20.23	51.049	33.58	4.74	7.98	0.9	0.91
1101	7/25/2007 02:01	20.32	51.036	33.57	4.6	7.97	1.0	0.81
1102	7/25/2007 02:16	20.4	51.053	33.58	4.5	7.96	0.9	0.73
1103	7/25/2007 02:31	20.51	51.048	33.58	4.17	7.94	0.9	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
1104	7/25/2007 02:46	20.59	51.024	33.56	3.82	7.9	1.4	0.62
1105	7/25/2007 03:01	20.66	51.036	33.57	3.66	7.89	1.4	0.63
1106	7/25/2007 03:16	20.73	50.999	33.54	3.48	7.88	1.4	0.59
1107	7/25/2007 03:31	20.78	51.017	33.55	3.39	7.87	1.3	0.59
1108	7/25/2007 03:46	20.86	50.915	33.47	3.22	7.86	0.3	0.62
1109	7/25/2007 04:01	20.89	50.983	33.52	3.12	7.86	0.9	0.62
1110	7/25/2007 04:16	21.01	50.987	33.53	3.02	7.86	0.0	0.65
1111	7/25/2007 04:31	21.08	51.116	33.62	3.8	7.91	0.0	0.71
1112	7/25/2007 04:46	21.16	51.198	33.68	5.41	8.02	1.0	0.76
1113	7/25/2007 05:01	21.17	51.365	33.8	5.91	8.08	1.0	0.79
1114	7/25/2007 05:16	21.16	51.449	33.87	6.11	8.11	0.9	0.85
1115	7/25/2007 05:31	21.16	51.333	33.78	6.34	8.13	2.8	0.90
1116	7/25/2007 05:46	21.18	51.162	33.65	6.31	8.13	2.7	0.95
1117	7/25/2007 06:01	21.17	51.25	33.72	6.29	8.13	3.3	1.00
1118	7/25/2007 06:16	21.17	51.127	33.63	6.31	8.13	4.0	1.05
1119	7/25/2007 06:31	21.16	51.12	33.62	6.11	8.13	2.4	1.11
1120	7/25/2007 06:46	21.13	51.252	33.72	6.36	8.13	2.6	1.18
1121	7/25/2007 07:01	21.09	51.248	33.72	6.38	8.13	2.1	1.22
1122	7/25/2007 07:16	21.04	51.415	33.84	6.59	8.13	2.7	1.28
1123	7/25/2007 07:31	20.99	51.215	33.7	6.59	8.12	2.9	1.34
1124	7/25/2007 07:46	20.85	51.269	33.74	6.56	8.11	2.3	1.40
1125	7/25/2007 08:01	20.72	51.313	33.77	6.61	8.1	2.0	1.46
1126	7/25/2007 08:16	20.57	51.218	33.7	6.64	8.09	2.3	1.51
1127	7/25/2007 08:31	20.49	51.147	33.65	6.6	8.09	2.8	1.56
1128	7/25/2007 08:46	20.4	51.19	33.68	6.76	8.09	2.0	1.62
1129	7/25/2007 09:01	20.32	51.283	33.75	6.54	8.09	1.9	1.66
1130	7/25/2007 09:16	20.25	51.317	33.78	6.62	8.08	1.7	1.70
1131	7/25/2007 09:31	20.17	51.29	33.76	6.97	8.09	1.7	1.74
1132	7/25/2007 09:46	20.13	51.122	33.63	6.77	8.09	1.5	1.77
1133	7/25/2007 10:01	20.02	51.133	33.64	6.53	8.08	1.2	1.79
1134	7/25/2007 10:16	19.96	51.011	33.55	6.33	8.07	0.9	1.82
1135	7/25/2007 10:31	19.9	50.964	33.52	6.2	8.06	0.7	1.84
1136	7/25/2007 10:46	19.86	51.05	33.58	6.03	8.05	0.3	1.84
1137	7/25/2007 11:01	19.85	50.873	33.45	5.93	8.04	0.4	1.84
1138	7/25/2007 11:16	19.84	50.955	33.51	5.76	8.04	0.4	1.84
1139	7/25/2007 11:31	19.84	50.981	33.53	5.54	8.03	0.4	1.82
1140	7/25/2007 11:46	19.82	50.973	33.52	5.45	8.02	0.4	1.80
1141	7/25/2007 12:01	19.82	51.192	33.68	5.54	8.03	0.7	1.78
1142	7/25/2007 12:16	19.86	51.072	33.6	5.57	8.04	0.6	1.74
1143	7/25/2007 12:31	19.95	51.208	33.7	5.77	8.05	0.7	1.72
1144	7/25/2007 12:46	20.05	51.134	33.64	5.59	8.04	1.0	1.67
1145	7/25/2007 13:01	20.11	51.008	33.55	5.25	8.03	0.8	1.64
1146	7/25/2007 13:16	20.17	51.107	33.62	6.13	8.04	1.5	1.62
1147	7/25/2007 13:31	20.18	51.157	33.66	5.15	8.01	0.9	1.59
1148	7/25/2007 13:46	20.19	50.988	33.53	5.16	8.01	0.7	1.57
1149	7/25/2007 14:01	20.22	51.278	33.75	4.97	8.01	0.7	1.56
1150	7/25/2007 14:16	20.27	51.2	33.69	4.84	8	0.7	1.55
1151	7/25/2007 14:31	20.34	51.166	33.66	4.95	8.02	0.6	1.55

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
1152	7/25/2007 14:46	20.4	51.214	33.7	5.34	8.04	0.9	1.55
1153	7/25/2007 15:01	20.43	51.168	33.66	6.42	8.06	1.0	1.56
1154	7/25/2007 15:16	20.47	51.105	33.62	6.23	8.07	1.0	1.58
1155	7/25/2007 15:31	20.45	51.254	33.73	6.47	8.07	1.2	1.60
1156	7/25/2007 15:46	20.44	51.129	33.64	6.58	8.08	1.8	1.63
1157	7/25/2007 16:01	20.39	51.307	33.77	6.73	8.08	1.4	1.66
1158	7/25/2007 16:16	20.35	51.121	33.63	6.82	8.08	1.9	1.70
1159	7/25/2007 16:31	20.29	51.325	33.78	6.92	8.08	1.8	1.74
1160	7/25/2007 16:46	20.23	51.037	33.57	6.8	8.08	2.0	1.79
1161	7/25/2007 17:01	20.14	51.126	33.63	6.8	8.07	1.7	1.84
1162	7/25/2007 17:16	20.03	51.145	33.65	6.82	8.07	1.8	1.89
1163	7/25/2007 17:31	19.91	50.965	33.52	6.45	8.05	1.5	1.94
1164	7/25/2007 17:46	19.66	51.286	33.75	6.33	8.04	1.4	2.00
1165	7/25/2007 18:01	19.37	51.131	33.64	6.25	8.03	1.6	2.06
1166	7/25/2007 18:16	18.99	51.226	33.71	6.17	8.02	1.2	2.12
1167	7/25/2007 18:31	18.56	51.136	33.64	6.18	8.01	1.1	2.17
1168	7/25/2007 18:46	18.19	51.01	33.55	5.96	8.01	1.2	2.24
1169	7/25/2007 19:01	17.91	51.003	33.54	6.35	8	1.1	2.30
1170	7/25/2007 19:16	17.73	51.065	33.59	6.11	8	0.8	2.34
1171	7/25/2007 19:31	17.47	50.876	33.45	6.38	8	0.7	2.40
1172	7/25/2007 19:46	17.14	50.935	33.49	6.26	7.99	0.9	2.45
1173	7/25/2007 20:01	16.96	50.915	33.47	5.9	7.98	1.0	2.48
1174	7/25/2007 20:16	16.65	51.16	33.64	6.09	7.97	0.7	2.52
1175	7/25/2007 20:31	16.47	51.042	33.56	6.25	7.98	1.0	2.55
1176	7/25/2007 20:46	16.48	51.094	33.59	6.06	7.98	0.7	2.56
1177	7/25/2007 21:01	16.45	51.092	33.59	6.1	7.97	0.6	2.57
1178	7/25/2007 21:16	16.44	51.025	33.54	6	7.97	0.5	2.56
1179	7/25/2007 21:31	16.4	50.994	33.52	5.64	7.95	0.1	2.56
1180	7/25/2007 21:46	16.41	51.092	33.59	5.39	7.94	0.2	2.52
1181	7/25/2007 22:01	16.59	50.962	33.5	6.05	7.97	0.8	2.46
1182	7/25/2007 22:16	17.23	50.914	33.47	5.97	8.01	1.4	2.42
1183	7/25/2007 22:31	17.49	50.883	33.45	6.02	8.01	1.5	2.35
1184	7/25/2007 22:46	17.76	50.907	33.47	5.81	8	1.5	2.28
1185	7/25/2007 23:01	17.96	51.013	33.55	5.91	8	2.0	2.20
1186	7/25/2007 23:16	18.09	51.046	33.57	6.1	8.01	2.4	2.12
1187	7/25/2007 23:31	18.17	50.778	33.38	6.17	8.02	2.2	2.03
1188	7/25/2007 23:46	18.34	50.859	33.44	6.3	8.03	2.6	1.95
1189	7/26/2007 00:01	18.57	51.071	33.6	6.28	8.04	4.3	1.85
1190	7/26/2007 00:16	18.7	51.118	33.63	6.19	8.04	2.7	1.76
1191	7/26/2007 00:31	18.78	50.924	33.49	6.16	8.03	2.4	1.66
1192	7/26/2007 00:46	18.82	50.998	33.54	6.07	8.03	2.5	1.55
1193	7/26/2007 01:01	18.83	50.809	33.4	6.02	8.02	2.7	1.45
1194	7/26/2007 01:16	18.78	51.177	33.67	5.93	8.02	2.6	1.35
1195	7/26/2007 01:31	18.84	51.169	33.67	5.87	8.01	2.7	1.25
1196	7/26/2007 01:46	18.87	51.17	33.67	5.75	8	2.8	1.13
1197	7/26/2007 02:01	18.96	51.113	33.63	5.7	8	2.9	1.03
1198	7/26/2007 02:16	19.09	51.005	33.55	5.54	8	2.4	0.92
1199	7/26/2007 02:31	19.21	50.959	33.51	5.4	7.99	2.1	0.81

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	7/26/2007 02:46	19.2	50.885	33.46	4.75	7.91	1.8	0.73
1201	7/26/2007 03:01	19.19	50.93	33.49	4.24	7.83	1.8	0.62
1202	7/26/2007 03:16	19.26	50.878	33.45	4.19	7.82	1.7	0.57
1203	7/26/2007 03:31	19.33	51.076	33.6	4.17	7.81	1.8	0.51
1204	7/26/2007 03:46	19.41	50.826	33.42	4.03	7.81	1.7	0.47
1205	7/26/2007 04:01	19.52	51.065	33.59	3.9	7.8	1.4	0.46
1206	7/26/2007 04:16	19.61	51.05	33.58	3.68	7.79	1.7	0.45
1207	7/26/2007 04:31	19.69	50.949	33.51	3.5	7.78	1.1	0.46
1208	7/26/2007 04:46	19.75	51.059	33.59	3.21	7.77	0.7	0.49
1209	7/26/2007 05:01	19.81	51.065	33.59	3.18	7.76	0.4	0.54
1210	7/26/2007 05:16	19.85	51.044	33.58	3.09	7.75	0.4	0.57
1211	7/26/2007 05:31	20.11	51.12	33.63	4.8	7.99	1.2	0.63
1212	7/26/2007 05:46	20.14	51.174	33.67	5.76	8.07	1.7	0.68
1213	7/26/2007 06:01	20.12	51.327	33.78	5.7	8.06	1.8	0.73
1214	7/26/2007 06:16	20.07	51.492	33.9	5.84	8.06	2.9	0.79
1215	7/26/2007 06:31	20.01	51.213	33.7	5.85	8.07	4.2	0.85
1216	7/26/2007 06:46	19.98	51.336	33.79	5.88	8.08	4.6	0.91
1217	7/26/2007 07:01	19.97	51.153	33.66	5.9	8.08	3.9	0.98
1218	7/26/2007 07:16	19.94	48.555	31.75	6.07	8.08	3.5	1.05
1219	7/26/2007 07:31	19.87	48.782	31.92	6.02	8.07	4.0	1.12
1220	7/26/2007 07:46	19.81	48.727	31.88	6.05	8.07	3.7	1.19
1221	7/26/2007 08:01	19.8	48.682	31.84	6.05	8.07	3.7	1.26
1222	7/26/2007 08:16	19.8	48.818	31.94	6.04	8.07	3.7	1.34
1223	7/26/2007 08:31	19.79	48.87	31.98	6.07	8.07	4.1	1.41
1224	7/26/2007 08:46	19.76	48.733	31.88	6.09	8.06	4.2	1.46
1225	7/26/2007 09:01	19.69	48.662	31.83	6	8.05	3.9	1.54
1226	7/26/2007 09:16	19.57	48.621	31.8	5.94	8.05	3.7	1.61
1227	7/26/2007 09:31	19.51	48.737	31.88	5.99	8.04	3.5	1.65
1228	7/26/2007 09:46	19.42	48.702	31.86	5.95	8.03	3.2	1.72
1229	7/26/2007 10:01	19.32	48.742	31.89	5.9	8.03	3.5	1.77
1230	7/26/2007 10:16	19.25	48.664	31.83	5.88	8.02	3.1	1.82
1231	7/26/2007 10:31	19.19	48.272	31.54	5.72	8.01	2.9	1.86
1232	7/26/2007 10:46	19.07	48.646	31.82	5.62	8	2.4	1.90
1233	7/26/2007 11:01	18.88	48.559	31.75	5.56	7.99	2.3	1.93
1234	7/26/2007 11:16	18.83	47.976	31.33	5.36	7.98	1.9	1.95
1235	7/26/2007 11:31	18.76	48.608	31.79	5.19	7.97	1.2	1.97
1236	7/26/2007 11:46	18.71	48.476	31.69	4.96	7.96	0.9	1.99
1237	7/26/2007 12:01	18.71	48.482	31.7	4.88	7.95	1.1	1.98
1238	7/26/2007 12:16	18.7	48.82	31.94	4.72	7.95	1.2	1.96
1239	7/26/2007 12:31	18.68	48.79	31.92	4.66	7.95	1.1	1.93
1240	7/26/2007 12:46	18.68	48.452	31.68	4.91	7.96	2.3	1.90
1241	7/26/2007 13:01	18.76	48.482	31.7	5.03	7.97	1.7	1.86
1242	7/26/2007 13:16	18.96	48.211	31.5	5.5	7.99	2.9	1.82
1243	7/26/2007 13:31	19.07	48.381	31.62	5.55	8	2.3	1.78
1244	7/26/2007 13:46	19.19	48.415	31.65	5.8	8.01	2.8	1.73
1245	7/26/2007 14:01	19.33	48.585	31.77	5.82	8.01	2.6	1.69
1246	7/26/2007 14:16	19.37	48.65	31.82	5.79	8.02	2.3	1.66
1247	7/26/2007 14:31	19.45	48.979	32.06	5.51	8.01	1.7	1.62

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1248	7/26/2007 14:46	19.5	48.267	31.54	5.61	8.01	1.5	1.62
1249	7/26/2007 15:01	19.55	48.589	31.78	5.44	8.01	1.2	1.60
1250	7/26/2007 15:16	19.69	48.642	31.81	5.62	8.01	1.8	1.58
1251	7/26/2007 15:31	19.72	48.585	31.77	5.28	8	1.2	1.58
1252	7/26/2007 15:46	19.72	48.634	31.81	5.61	8.01	1.2	1.59
1253	7/26/2007 16:01	19.71	48.343	31.6	5.4	8	1.0	1.60
1254	7/26/2007 16:16	19.68	48.717	31.87	5.6	8	1.5	1.61
1255	7/26/2007 16:31	19.61	48.64	31.81	5.84	8.02	2.4	1.63
1256	7/26/2007 16:46	19.58	49.251	32.26	6.02	8.02	3.2	1.67
1257	7/26/2007 17:01	19.59	48.806	31.93	6.01	8.03	2.8	1.71
1258	7/26/2007 17:16	19.56	48.604	31.79	5.99	8.02	2.4	1.75
1259	7/26/2007 17:31	19.49	48.526	31.73	5.86	8.02	2.8	1.80
1260	7/26/2007 17:46	19.41	48.372	31.62	5.96	8.01	2.9	1.85
1261	7/26/2007 18:01	19.27	48.54	31.74	5.71	7.99	2.4	1.91
1262	7/26/2007 18:16	18.92	48.445	31.67	5.52	7.98	3.2	1.96
1263	7/26/2007 18:31	18.53	48.739	31.89	5.37	7.96	2.9	2.03
1264	7/26/2007 18:46	18.21	48.557	31.75	5.31	7.95	2.6	2.09
1265	7/26/2007 19:01	17.8	48.606	31.78	5.39	7.94	2.3	2.16
1266	7/26/2007 19:16	17.45	49.804	32.66	5.52	7.93	2.1	2.22
1267	7/26/2007 19:31	16.96	49.992	32.79	5.65	7.94	1.9	2.28
1268	7/26/2007 19:46	16.55	49.778	32.63	5.89	7.94	2.1	2.35
1269	7/26/2007 20:01	16.29	49.352	32.31	5.97	7.93	1.8	2.41
1270	7/26/2007 20:16	15.94	49.036	32.08	5.93	7.93	1.7	2.46
1271	7/26/2007 20:31	15.59	48.697	31.82	6.11	7.92	2.0	2.53
1272	7/26/2007 20:46	15.33	48.65	31.79	6.16	7.92	1.4	2.58
1273	7/26/2007 21:01	15.17	49.265	32.23	6.12	7.92	1.4	2.61
1274	7/26/2007 21:16	15.09	48.839	31.92	6.11	7.91	1.2	2.65
1275	7/26/2007 21:31	15.02	48.823	31.9	5.98	7.91	1.2	2.68
1276	7/26/2007 21:46	14.98	47.991	31.3	5.88	7.9	0.9	2.70
1277	7/26/2007 22:01	14.95	48.518	31.68	5.74	7.89	0.6	2.70
1278	7/26/2007 22:16	14.93	48.454	31.63	5.65	7.89	0.7	2.68
1279	7/26/2007 22:31	14.92	48.506	31.67	5.14	7.88	0.7	2.64
1280	7/26/2007 22:46	15.04	48.545	31.7	5.4	7.9	1.2	2.60
1281	7/26/2007 23:01	15.55	48.347	31.57	5.58	7.93	1.8	2.54
1282	7/26/2007 23:16	15.9	48.551	31.72	5.82	7.95	2.8	2.46
1283	7/26/2007 23:31	16.49	48.498	31.69	5.49	7.92	3.1	2.38
1284	7/26/2007 23:46	16.64	48.446	31.66	5.47	7.92	3.1	2.29
1285	7/27/2007 00:01	16.72	48.407	31.63	5.52	7.93	3.4	2.19
1286	7/27/2007 00:16	16.98	48.434	31.65	5.59	7.95	3.1	2.09
1287	7/27/2007 00:31	17.24	48.389	31.62	5.72	7.97	2.9	1.98
1288	7/27/2007 00:46	17.53	48.582	31.77	5.66	7.97	3.4	1.89
1289	7/27/2007 01:01	17.68	48.705	31.86	5.65	7.97	3.3	1.79
1290	7/27/2007 01:16	17.82	48.643	31.81	5.64	7.98	2.7	1.67
1291	7/27/2007 01:31	17.94	48.619	31.8	5.72	7.99	2.9	1.55
1292	7/27/2007 01:46	18.13	48.703	31.86	5.74	7.99	3.1	1.46
1293	7/27/2007 02:01	18.06	48.558	31.75	5.49	7.96	2.8	1.32
1294	7/27/2007 02:16	18.1	51.205	33.69	5.26	7.95	3.4	1.20
1295	7/27/2007 02:31	18.18	51.249	33.72	5.22	7.95	4.1	1.09

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
1296	7/27/2007 02:46	18.3	51.094	33.61	5.17	7.95	3.0	0.96
1297	7/27/2007 03:01	18.44	51.228	33.71	5.02	7.95	3.5	0.83
1298	7/27/2007 03:16	18.54	51.229	33.71	5.06	7.95	2.8	0.72
1299	7/27/2007 03:31	18.59	51.044	33.58	4.86	7.93	2.4	0.61
1300	7/27/2007 03:46	18.68	51.209	33.7	4.94	7.93	2.2	0.52
1301	7/27/2007 04:01	18.74	51.197	33.69	4.68	7.91	1.7	0.43
1302	7/27/2007 04:16	18.88	51.143	33.65	4.77	7.93	1.7	0.37
1303	7/27/2007 04:31	18.87	51.243	33.72	4.28	7.91	1.3	0.33
1304	7/27/2007 04:46	19.02	51.203	33.69	4.46	7.92	1.7	0.32
1305	7/27/2007 05:01	19.04	51.256	33.73	4.29	7.89	1.5	0.31
1306	7/27/2007 05:16	19.07	51.206	33.7	4.18	7.9	1.3	0.34
1307	7/27/2007 05:31	19.16	51.24	33.72	4.42	7.92	4.0	0.37
1308	7/27/2007 05:46	19.24	51.079	33.6	5	7.98	2.6	0.42
1309	7/27/2007 06:01	19.34	48.966	32.05	5.74	8.03	2.9	0.48
1310	7/27/2007 06:16	19.34	48.809	31.94	5.83	8.03	2.8	0.53
1311	7/27/2007 06:31	19.35	48.757	31.9	5.77	8.03	2.8	0.58
1312	7/27/2007 06:46	19.35	48.761	31.9	5.9	8.04	3.4	0.65
1313	7/27/2007 07:01	19.31	48.581	31.77	5.99	8.06	4.8	0.70
1314	7/27/2007 07:16	19.27	48.567	31.76	5.85	8.05	4.6	0.77
1315	7/27/2007 07:31	19.27	48.511	31.72	6.11	8.06	5.2	0.86
1316	7/27/2007 07:46	19.27	48.533	31.73	6.08	8.06	4.9	0.92
1317	7/27/2007 08:01	19.22	48.594	31.78	5.84	8.04	4.2	1.01
1318	7/27/2007 08:16	19.18	48.611	31.79	5.95	8.04	3.9	1.10
1319	7/27/2007 08:31	19.15	48.566	31.76	5.97	8.04	4.6	1.19
1320	7/27/2007 08:46	19.13	48.649	31.82	5.9	8.04	5.1	1.27
1321	7/27/2007 09:01	19.09	48.557	31.75	5.78	8.03	4.4	1.35
1322	7/27/2007 09:16	19.01	48.525	31.73	5.69	8.01	4.6	1.44
1323	7/27/2007 09:31	18.93	48.449	31.67	5.59	8	4.5	1.51
1324	7/27/2007 09:46	18.82	48.888	31.99	5.44	7.99	4.8	1.58
1325	7/27/2007 10:01	18.74	48.689	31.85	5.39	7.98	6.3	1.66
1326	7/27/2007 10:16	18.63	48.466	31.69	5.27	7.97	4.0	1.73
1327	7/27/2007 10:31	18.49	48.739	31.88	5.08	7.95	3.9	1.79
1328	7/27/2007 10:46	18.39	48.618	31.8	4.88	7.94	3.5	1.84
1329	7/27/2007 11:01	18.23	48.721	31.87	4.71	7.92	3.5	1.89
1330	7/27/2007 11:16	18.03	48.704	31.86	4.55	7.9	2.8	1.95
1331	7/27/2007 11:31	17.9	48.616	31.79	4.5	7.9	2.8	1.99
1332	7/27/2007 11:46	17.75	51.321	33.78	4.24	7.89	2.4	2.02
1333	7/27/2007 12:01	17.67	50.928	33.49	4.1	7.87	2.0	2.04
Mean		18.45	51.02	33.55	6.73	8.01	2.2	1.63
Standard Dev.		1.98	0.71	0.52	1.04	0.07	1.9	0.62

Values in bold red type indicate exceedance of established applicable criteria

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

sonde #4		Indian Island Long-Term Deployment				Water Quality Data			TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	
0	7/27/2007 12:21	17.02	51.427	33.85	4.57	7.78		2.63	
1	7/27/2007 12:36	17.21	51.508	33.91	4.3	7.8	5.1	2.63	
2	7/27/2007 12:51	17.05	51.414	33.84	4.38	7.81	4.7	2.62	
3	7/27/2007 13:06	17.15	51.405	33.83	4.52	7.82	5.1	2.59	
4	7/27/2007 13:21	17.43	51.432	33.85	4.44	7.83	5.8	2.54	
5	7/27/2007 13:36	17.72	51.423	33.85	4.71	7.86	6.3	2.50	
6	7/27/2007 13:51	17.93	51.452	33.87	5.16	7.89	6.9	2.44	
7	7/27/2007 14:06	18.22	51.463	33.88	5.48	7.92	5.6	2.39	
8	7/27/2007 14:21	18.37	51.434	33.86	5.52	7.93	5.7	2.34	
9	7/27/2007 14:36	18.41	51.45	33.87	5.4	7.93	5.6	2.29	
10	7/27/2007 14:51	18.58	51.468	33.89	5.73	7.94	5.5	2.23	
11	7/27/2007 15:06	18.67	51.471	33.89	5.71	7.94	4.5	2.20	
12	7/27/2007 15:21	18.77	51.485	33.9	5.79	7.95	4.0	2.16	
13	7/27/2007 15:36	18.86	51.5	33.91	5.77	7.96	4.2	2.13	
14	7/27/2007 15:51	18.98	51.513	33.92	5.78	7.95	3.6	2.12	
15	7/27/2007 16:06	19.15	51.492	33.91	6.12	7.98	3.4	2.09	
16	7/27/2007 16:21	19.18	51.446	33.87	6.26	8	3.8	2.10	
17	7/27/2007 16:36	19.19	51.435	33.86	6.88	8.01	4.4	2.10	
18	7/27/2007 16:51	19.11	51.483	33.9	6.54	8	4.2	2.11	
19	7/27/2007 17:06	19.13	51.454	33.88	6.53	8	4.5	2.12	
20	7/27/2007 17:21	19.05	51.447	33.87	6.26	7.98	4.6	2.15	
21	7/27/2007 17:36	19.11	51.454	33.88	6.09	7.97	4.9	2.19	
22	7/27/2007 17:51	18.95	51.423	33.86	5.87	7.95	5.2	2.24	
23	7/27/2007 18:06	18.82	51.418	33.85	5.69	7.94	5.4	2.28	
24	7/27/2007 18:21	18.78	51.402	33.84	5.56	7.93	5.4	2.33	
25	7/27/2007 18:36	18.62	51.378	33.82	5.32	7.91	6.9	2.40	
26	7/27/2007 18:51	18.05	51.361	33.81	4.94	7.87	7.7	2.46	
27	7/27/2007 19:06	17.66	51.322	33.78	4.87	7.85	7.5	2.52	
28	7/27/2007 19:21	17.37	51.314	33.77	4.86	7.85	6.3	2.60	
29	7/27/2007 19:36	16.8	51.312	33.76	5.12	7.84	7.1	2.66	
30	7/27/2007 19:51	16.07	51.313	33.75	5.32	7.84	7.4	2.73	
31	7/27/2007 20:06	15.74	51.325	33.75	5.54	7.84	6.8	2.80	
32	7/27/2007 20:21	15.48	51.336	33.75	5.57	7.84	6.9	2.87	
33	7/27/2007 20:36	15.12	51.354	33.76	5.62	7.83	6.1	2.95	
34	7/27/2007 20:51	14.97	51.361	33.76	5.67	7.83	11.9	3.03	
35	7/27/2007 21:06	14.68	51.376	33.76	5.77	7.83	7.7	3.09	
36	7/27/2007 21:21	14.32	51.399	33.77	5.96	7.83	6.9	3.15	
37	7/27/2007 21:36	14.22	51.404	33.77	6.03	7.83	5.7	3.21	
38	7/27/2007 21:51	14.08	51.413	33.77	6.14	7.83	5.7	3.27	
39	7/27/2007 22:06	14.04	51.404	33.76	6.16	7.83	5.5	3.30	
40	7/27/2007 22:21	14.01	51.403	33.76	6.16	7.83	4.5	3.33	
41	7/27/2007 22:36	14.04	51.423	33.78	6.09	7.83	3.3	3.35	
42	7/27/2007 22:51	14.07	51.437	33.79	5.88	7.81	3.8	3.35	
43	7/27/2007 23:06	13.99	51.416	33.77	5.98	7.81	4.0	3.32	
44	7/27/2007 23:21	14.03	51.404	33.76	5.96	7.81	3.5	3.28	
45	7/27/2007 23:36	14.31	51.428	33.79	5.83	7.81	5.3	3.24	
46	7/27/2007 23:51	15.22	51.411	33.8	5.39	7.8	5.1	3.16	
47	7/28/2007 00:06	15.49	51.385	33.79	5.43	7.81	9.5	3.07	

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	7/28/2007 00:21	15.88	51.419	33.82	5.68	7.85	6.2	2.98
49	7/28/2007 00:36	15.78	51.379	33.79	5.71	7.84	5.5	2.89
50	7/28/2007 00:51	16.55	51.393	33.81	5.88	7.89	6.5	2.78
51	7/28/2007 01:06	17.02	51.413	33.84	5.89	7.9	6.5	2.67
52	7/28/2007 01:21	17.4	51.413	33.84	5.93	7.91	6.2	2.55
53	7/28/2007 01:36	17.66	51.433	33.86	6.14	7.94	5.7	2.44
54	7/28/2007 01:51	17.74	51.432	33.86	5.86	7.91	5.6	2.33
55	7/28/2007 02:06	17.86	51.443	33.87	6	7.94	6.4	2.20
56	7/28/2007 02:21	17.91	51.452	33.87	5.92	7.93	6.8	2.07
57	7/28/2007 02:36	17.88	51.468	33.88	5.95	7.93	7.0	1.96
58	7/28/2007 02:51	17.85	51.455	33.87	5.81	7.92	7.4	1.82
59	7/28/2007 03:06	17.72	51.451	33.87	5.72	7.91	8.1	1.69
60	7/28/2007 03:21	17.84	51.474	33.89	5.6	7.9	8.9	1.54
61	7/28/2007 03:36	18.03	51.461	33.88	5.52	7.9	8.1	1.41
62	7/28/2007 03:51	18.06	51.484	33.9	5.44	7.89	7.0	1.28
63	7/28/2007 04:06	18.24	51.515	33.92	5.47	7.9	7.4	1.15
64	7/28/2007 04:21	18.55	51.524	33.93	5.66	7.93	6.8	1.04
65	7/28/2007 04:36	18.55	51.519	33.93	5.53	7.92	6.3	0.94
66	7/28/2007 04:51	18.8	51.557	33.95	5.76	7.95	6.7	0.85
67	7/28/2007 05:06	18.84	51.557	33.95	5.7	7.95	4.9	0.79
68	7/28/2007 05:21	18.91	51.605	33.99	5.63	7.94	5.0	0.76
69	7/28/2007 05:36	18.77	51.534	33.94	5.72	7.94	5.7	0.77
70	7/28/2007 05:51	18.94	51.582	33.97	6	7.98	4.4	0.77
71	7/28/2007 06:06	18.95	51.567	33.96	6.03	7.98	4.4	0.82
72	7/28/2007 06:21	19.02	51.565	33.96	6.25	8	4.1	0.87
73	7/28/2007 06:36	18.99	51.583	33.97	6.16	7.99	4.7	0.93
74	7/28/2007 06:51	19.17	51.623	34	6.61	8.03	5.3	0.99
75	7/28/2007 07:06	19.16	51.619	34	6.63	8.04	4.4	1.05
76	7/28/2007 07:21	19.16	51.508	33.92	6.56	8.03	7.2	1.13
77	7/28/2007 07:36	19.2	51.421	33.85	6.52	8.03	7.8	1.19
78	7/28/2007 07:51	19.17	51.428	33.86	6.43	8.02	7.6	1.26
79	7/28/2007 08:06	19.14	51.447	33.87	6.4	8.01	7.2	1.35
80	7/28/2007 08:21	19.07	51.457	33.88	6.36	8.01	7.5	1.42
81	7/28/2007 08:36	18.91	51.481	33.9	6.18	7.99	6.7	1.53
82	7/28/2007 08:51	18.85	51.48	33.9	6.13	7.98	6.3	1.61
83	7/28/2007 09:06	18.81	51.474	33.89	6.14	7.98	7.8	1.71
84	7/28/2007 09:21	18.62	51.466	33.89	5.88	7.95	8.3	1.81
85	7/28/2007 09:36	18.52	51.461	33.88	5.73	7.93	9.7	1.90
86	7/28/2007 09:51	18.45	51.475	33.89	5.64	7.92	9.0	1.99
87	7/28/2007 10:06	18.31	51.47	33.89	5.56	7.91	9.3	2.07
88	7/28/2007 10:21	18.23	51.473	33.89	5.47	7.9	9.1	2.16
89	7/28/2007 10:36	18.07	51.445	33.87	5.26	7.88	10.2	2.24
90	7/28/2007 10:51	17.96	51.427	33.85	5.1	7.86	9.1	2.31
91	7/28/2007 11:06	17.72	51.388	33.82	4.87	7.84	10.2	2.38
92	7/28/2007 11:21	17.29	51.314	33.77	4.93	7.82	9.0	2.45
93	7/28/2007 11:36	17.14	51.323	33.77	4.86	7.81	10.8	2.51
94	7/28/2007 11:51	16.84	51.316	33.76	4.78	7.8	8.6	2.56
95	7/28/2007 12:06	16.37	51.334	33.77	5	7.79	10.7	2.61

sonde #4		Indian Island Long-Term Deployment				Water Quality Data			TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	
96	7/28/2007 12:21	15.85	51.32	33.75	5.39	7.81	7.7	2.65	
97	7/28/2007 12:36	15.61	51.331	33.75	5.64	7.82	6.3	2.68	
98	7/28/2007 12:51	15.46	51.337	33.75	5.64	7.82	5.2	2.70	
99	7/28/2007 13:06	15.73	51.356	33.77	5.4	7.81	5.0	2.70	
100	7/28/2007 13:21	15.53	51.331	33.75	5.38	7.8	5.2	2.69	
101	7/28/2007 13:36	15.63	51.34	33.76	5.42	7.8	5.5	2.67	
102	7/28/2007 13:51	16.1	51.326	33.76	5.32	7.81	6.1	2.62	
103	7/28/2007 14:06	16.99	51.373	33.81	5.21	7.82	8.9	2.57	
104	7/28/2007 14:21	17.32	51.355	33.8	5.21	7.83	7.5	2.51	
105	7/28/2007 14:36	17.61	51.366	33.81	5.43	7.85	8.3	2.45	
106	7/28/2007 14:51	17.93	51.391	33.83	5.76	7.88	6.8	2.38	
107	7/28/2007 15:06	18.09	51.391	33.83	5.98	7.9	6.6	2.31	
108	7/28/2007 15:21	18.38	51.416	33.85	6.42	7.93	7.8	2.26	
109	7/28/2007 15:36	18.62	51.443	33.87	6.75	7.95	5.8	2.20	
110	7/28/2007 15:51	18.86	51.462	33.88	6.99	7.98	6.1	2.16	
111	7/28/2007 16:06	18.99	51.471	33.89	7.19	7.99	7.3	2.11	
112	7/28/2007 16:21	19.1	51.49	33.91	7.25	8	6.9	2.08	
113	7/28/2007 16:36	19.17	51.507	33.92	7.1	7.99	4.9	2.06	
114	7/28/2007 16:51	19.25	51.515	33.92	6.98	7.99	5.5	2.04	
115	7/28/2007 17:06	19.37	51.518	33.93	7.05	7.99	3.8	2.03	
116	7/28/2007 17:21	19.32	51.459	33.88	7.79	8.02	5.3	2.03	
117	7/28/2007 17:36	19.36	51.493	33.91	7.73	8.03	5.2	2.04	
118	7/28/2007 17:51	19.41	51.495	33.91	7.7	8.03	4.9	2.06	
119	7/28/2007 18:06	19.32	51.488	33.9	7.61	8.02	5.3	2.09	
120	7/28/2007 18:21	19.4	51.501	33.91	7.62	8.02	5.1	2.13	
121	7/28/2007 18:36	19.43	51.5	33.91	7.64	8.02	5.5	2.18	
122	7/28/2007 18:51	19.22	51.483	33.9	7.24	7.99	6.5	2.24	
123	7/28/2007 19:06	19.27	51.463	33.89	7.14	7.99	7.5	2.30	
124	7/28/2007 19:21	19.09	51.443	33.87	6.85	7.96	8.3	2.36	
125	7/28/2007 19:36	18.71	51.425	33.86	6.28	7.92	8.1	2.44	
126	7/28/2007 19:51	17.93	51.383	33.82	5.75	7.87	9.1	2.51	
127	7/28/2007 20:06	17.3	51.371	33.81	5.73	7.85	8.1	2.57	
128	7/28/2007 20:21	16.47	51.373	33.8	5.6	7.82	9.4	2.65	
129	7/28/2007 20:36	16.07	51.384	33.8	5.62	7.81	8.9	2.73	
130	7/28/2007 20:51	15.67	51.398	33.8	5.7	7.81	8.1	2.81	
131	7/28/2007 21:06	15.35	51.405	33.8	5.8	7.8	9.4	2.89	
132	7/28/2007 21:21	15.03	51.416	33.8	5.98	7.8	9.4	2.97	
133	7/28/2007 21:36	14.66	51.431	33.8	6.28	7.81	10.0	3.06	
134	7/28/2007 21:51	14.43	51.443	33.8	6.33	7.8	10.3	3.14	
135	7/28/2007 22:06	13.93	51.475	33.81	6.39	7.79	9.1	3.20	
136	7/28/2007 22:21	13.55	51.521	33.83	6.41	7.79	7.8	3.27	
137	7/28/2007 22:36	13.21	51.518	33.82	6.41	7.78	7.2	3.33	
138	7/28/2007 22:51	13.22	51.521	33.82	6.44	7.76	5.5	3.37	
139	7/28/2007 23:06	13.09	51.527	33.82	6.46	7.78	4.8	3.40	
140	7/28/2007 23:21	12.99	51.537	33.82	6.49	7.78	5.0	3.42	
141	7/28/2007 23:36	13.35	51.51	33.82	6.26	7.78	4.2	3.43	
142	7/28/2007 23:51	13.06	51.524	33.81	6.4	7.77	5.1	3.40	
143	7/29/2007 00:06	13.08	51.518	33.81	6.41	7.77	5.1	3.36	

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	7/29/2007 00:21	13.28	51.524	33.82	6.31	7.77	5.7	3.31
145	7/29/2007 00:36	14.61	51.444	33.81	5.88	7.76	7.4	3.24
146	7/29/2007 00:51	14.47	51.458	33.82	6.01	7.77	7.6	3.14
147	7/29/2007 01:06	14.89	51.448	33.82	6.11	7.8	7.8	3.03
148	7/29/2007 01:21	15.19	51.457	33.84	6.15	7.81	8.7	2.93
149	7/29/2007 01:36	15.99	51.502	33.89	6.21	7.85	8.1	2.81
150	7/29/2007 01:51	16.32	51.48	33.88	6.07	7.86	9.0	2.69
151	7/29/2007 02:06	16.97	51.45	33.86	6.04	7.87	10.5	2.57
152	7/29/2007 02:21	17.33	51.467	33.88	6.04	7.89	9.9	2.45
153	7/29/2007 02:36	17.74	51.483	33.89	6.32	7.93	7.8	2.32
154	7/29/2007 02:51	17.86	51.477	33.89	6.2	7.92	9.4	2.19
155	7/29/2007 03:06	17.59	51.467	33.88	6	7.89	7.5	2.05
156	7/29/2007 03:21	17.49	51.496	33.9	6.07	7.91	10.0	1.90
157	7/29/2007 03:36	17.27	51.474	33.88	6.08	7.89	9.2	1.77
158	7/29/2007 03:51	17.41	51.459	33.87	6.03	7.88	9.4	1.61
159	7/29/2007 04:06	17.64	51.487	33.9	5.97	7.89	10.8	1.46
160	7/29/2007 04:21	17.75	51.478	33.89	5.88	7.88	9.4	1.34
161	7/29/2007 04:36	18.14	51.486	33.9	5.92	7.9	8.7	1.19
162	7/29/2007 04:51	18.43	51.496	33.91	6.01	7.92	8.1	1.06
163	7/29/2007 05:06	18.71	51.519	33.93	6.13	7.94	7.7	0.93
164	7/29/2007 05:21	18.92	51.549	33.95	6.26	7.97	7.5	0.83
165	7/29/2007 05:36	18.95	51.56	33.96	6.13	7.96	6.4	0.75
166	7/29/2007 05:51	19.11	51.568	33.96	6.19	7.98	6.4	0.68
167	7/29/2007 06:06	19.23	51.576	33.97	6.2	7.99	5.8	0.67
168	7/29/2007 06:21	19.03	51.554	33.95	6.23	7.98	6.6	0.67
169	7/29/2007 06:36	19.4	51.587	33.98	6.55	8.03	5.0	0.70
170	7/29/2007 06:51	19.34	51.593	33.98	6.65	8.03	4.9	0.75
171	7/29/2007 07:06	19.41	51.611	33.99	6.71	8.04	5.9	0.82
172	7/29/2007 07:21	19.42	51.609	33.99	6.76	8.05	6.6	0.89
173	7/29/2007 07:36	19.45	51.612	33.99	6.87	8.06	6.1	0.96
174	7/29/2007 07:51	19.41	51.604	33.99	6.79	8.05	7.7	1.03
175	7/29/2007 08:06	19.58	51.436	33.87	6.76	8.06	10.8	1.10
176	7/29/2007 08:21	19.47	51.494	33.91	6.69	8.05	9.1	1.18
177	7/29/2007 08:36	19.42	51.489	33.9	6.66	8.04	9.7	1.27
178	7/29/2007 08:51	19.33	51.468	33.89	6.62	8.04	9.5	1.35
179	7/29/2007 09:06	19.13	51.486	33.9	6.49	8.01	9.7	1.46
180	7/29/2007 09:21	19.02	51.489	33.9	6.43	8	9.0	1.55
181	7/29/2007 09:36	18.93	51.475	33.89	6.38	7.99	9.6	1.66
182	7/29/2007 09:51	18.57	51.462	33.88	6.18	7.95	11.0	1.76
183	7/29/2007 10:06	18.4	51.487	33.9	6.04	7.93	10.8	1.86
184	7/29/2007 10:21	18.32	51.484	33.9	5.99	7.92	11.3	1.96
185	7/29/2007 10:36	18.23	51.484	33.9	5.9	7.91	11.4	2.05
186	7/29/2007 10:51	18.14	51.467	33.89	5.86	7.9	11.8	2.14
187	7/29/2007 11:06	17.91	51.454	33.87	5.68	7.88	12.4	2.23
188	7/29/2007 11:21	17.7	51.431	33.86	5.52	7.86	12.1	2.30
189	7/29/2007 11:36	17.4	51.406	33.83	5.04	7.82	14.1	2.39
190	7/29/2007 11:51	17.11	51.38	33.81	5.05	7.8	13.0	2.45
191	7/29/2007 12:06	16.78	51.377	33.81	5.44	7.81	13.3	2.52

sonde #4	Indian Island Long-Term Deployment Water Quality Data							TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	7/29/2007 12:21	15.98	51.357	33.78	5.83	7.81	13.2	2.59
193	7/29/2007 12:36	15.63	51.379	33.79	6.05	7.82	11.3	2.64
194	7/29/2007 12:51	15.4	51.407	33.8	6.23	7.82	9.7	2.69
195	7/29/2007 13:06	15.31	51.388	33.79	6.39	7.83	7.7	2.73
196	7/29/2007 13:21	15.17	51.408	33.8	6.4	7.83	7.1	2.76
197	7/29/2007 13:36	15.09	51.397	33.79	6.18	7.82	5.0	2.76
198	7/29/2007 13:51	15.11	51.39	33.78	6.35	7.82	8.5	2.75
199	7/29/2007 14:06	15.17	51.373	33.77	6.29	7.82	6.6	2.73
200	7/29/2007 14:21	15.38	51.416	33.81	6.29	7.82	9.6	2.69
201	7/29/2007 14:36	16.04	51.406	33.82	6.32	7.84	10.0	2.63
202	7/29/2007 14:51	16.48	51.403	33.82	6.14	7.84	15.2	2.56
203	7/29/2007 15:06	17.14	51.396	33.82	6.07	7.84	24.1	2.48
204	7/29/2007 15:21	17.24	51.393	33.82	6.18	7.83	21.6	2.42
205	7/29/2007 15:36	17.24	51.397	33.83	6.26	7.84	19.4	2.34
206	7/29/2007 15:51	17.41	51.399	33.83	6.48	7.85	15.5	2.27
207	7/29/2007 16:06	17.79	51.426	33.85	6.64	7.88	14.4	2.21
208	7/29/2007 16:21	17.91	51.426	33.85	6.81	7.89	13.6	2.14
209	7/29/2007 16:36	18	51.421	33.85	7.05	7.9	13.7	2.09
210	7/29/2007 16:51	18.28	51.434	33.86	7.17	7.91	14.2	2.04
211	7/29/2007 17:06	18.4	51.44	33.87	7.2	7.92	13.2	1.99
212	7/29/2007 17:21	18.54	51.46	33.88	7.34	7.94	11.9	1.96
213	7/29/2007 17:36	18.68	51.486	33.9	7.33	7.95	10.7	1.94
214	7/29/2007 17:51	18.87	51.471	33.89	7.05	7.95	8.8	1.91
215	7/29/2007 18:06	18.95	51.467	33.89	6.38	7.94	7.5	1.91
216	7/29/2007 18:21	19.02	51.492	33.91	7.28	7.97	8.7	1.93
217	7/29/2007 18:36	19.01	51.474	33.89	7.22	7.97	9.0	1.96
218	7/29/2007 18:51	19.1	51.52	33.93	7.26	7.99	9.3	2.00
219	7/29/2007 19:06	19.16	51.509	33.92	7.42	8	8.9	2.03
220	7/29/2007 19:21	19.19	51.521	33.93	7.44	8.01	10.3	2.11
221	7/29/2007 19:36	18.93	51.506	33.92	7.03	7.97	11.5	2.17
222	7/29/2007 19:51	19.23	51.468	33.89	6.97	7.99	14.3	2.23
223	7/29/2007 20:06	18.94	51.46	33.88	6.71	7.95	14.1	2.30
224	7/29/2007 20:21	18.56	51.449	33.87	6.32	7.91	14.4	2.39
225	7/29/2007 20:36	17.84	51.438	33.86	6.11	7.87	17.4	2.46
226	7/29/2007 20:51	17.08	51.408	33.83	6.06	7.84	15.3	2.52
227	7/29/2007 21:06	16.4	51.419	33.83	6.27	7.84	16.1	2.62
228	7/29/2007 21:21	15.89	51.424	33.83	6.36	7.84	12.6	2.70
229	7/29/2007 21:36	15.55	51.43	33.82	6.42	7.83	12.8	2.78
230	7/29/2007 21:51	14.9	51.451	33.82	6.52	7.82	13.5	2.87
231	7/29/2007 22:06	14.56	51.456	33.82	6.56	7.82	13.0	2.96
232	7/29/2007 22:21	14.16	51.445	33.8	6.75	7.81	13.8	3.05
233	7/29/2007 22:36	13.78	51.473	33.81	6.8	7.8	10.9	3.12
234	7/29/2007 22:51	13.5	51.486	33.8	6.81	7.8	9.6	3.20
235	7/29/2007 23:06	13.31	51.506	33.81	6.84	7.79	8.5	3.28
236	7/29/2007 23:21	13.03	51.506	33.8	6.91	7.79	7.7	3.33
237	7/29/2007 23:36	13.01	51.512	33.8	6.97	7.8	5.4	3.39
238	7/29/2007 23:51	13	51.497	33.79	6.98	7.8	5.0	3.43
239	7/30/2007 00:06	12.94	51.508	33.8	6.97	7.79	3.9	3.45

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	7/30/2007 00:21	13.36	51.538	33.84	6.73	7.79	6.6	3.45
241	7/30/2007 00:36	13.19	51.486	33.79	6.76	7.79	25.5	3.43
242	7/30/2007 00:51	13.04	51.484	33.78	6.88	7.79	5.3	3.39
243	7/30/2007 01:06	13.17	51.484	33.79	6.81	7.79	12.4	3.33
244	7/30/2007 01:21	14.8	51.461	33.83	6.13	7.79	6.6	3.25
245	7/30/2007 01:36	14.14	51.427	33.78	6.35	7.78	8.1	3.14
246	7/30/2007 01:51	14.5	51.488	33.84	6.21	7.78	7.2	3.05
247	7/30/2007 02:06	15.08	51.464	33.84	6.2	7.81	8.5	2.94
248	7/30/2007 02:21	15.43	51.483	33.86	6.07	7.81	7.2	2.80
249	7/30/2007 02:36	15.84	51.463	33.85	6.08	7.82	8.6	2.68
250	7/30/2007 02:51	16.1	51.461	33.86	5.87	7.81	7.6	2.56
251	7/30/2007 03:06	16.4	51.428	33.84	5.8	7.82	7.8	2.44
252	7/30/2007 03:21	16.66	51.482	33.88	5.67	7.81	7.7	2.31
253	7/30/2007 03:36	17.4	51.475	33.89	5.72	7.86	9.9	2.17
254	7/30/2007 03:51	17.23	51.493	33.9	5.77	7.86	11.3	2.03
255	7/30/2007 04:06	17.2	51.462	33.87	5.81	7.86	11.9	1.90
256	7/30/2007 04:21	17.37	51.471	33.88	5.77	7.87	11.1	1.75
257	7/30/2007 04:36	17.47	51.49	33.9	5.75	7.87	13.0	1.59
258	7/30/2007 04:51	17.51	51.478	33.89	5.6	7.86	11.6	1.45
259	7/30/2007 05:06	17.78	51.483	33.89	5.6	7.87	11.5	1.31
260	7/30/2007 05:21	17.9	51.54	33.94	5.54	7.87	10.9	1.15
261	7/30/2007 05:36	18.15	51.523	33.93	5.6	7.88	10.0	1.01
262	7/30/2007 05:51	18.4	51.526	33.93	5.68	7.91	9.1	0.87
263	7/30/2007 06:06	18.6	51.536	33.94	5.73	7.92	11.3	0.78
264	7/30/2007 06:21	18.63	51.346	33.8	5.66	7.91	10.4	0.68
265	7/30/2007 06:36	19.01	51.367	33.81	5.81	7.96	8.6	0.61
266	7/30/2007 06:51	18.99	51.36	33.81	5.62	7.93	7.7	0.60
267	7/30/2007 07:06	18.98	51.281	33.75	5.86	7.96	6.7	0.61
268	7/30/2007 07:21	19.27	51.334	33.79	6.07	8.01	6.5	0.65
269	7/30/2007 07:36	19.3	51.354	33.8	6.23	8.02	6.2	0.73
270	7/30/2007 07:51	19.04	51.304	33.77	6.02	7.98	6.6	0.82
271	7/30/2007 08:06	19.28	51.34	33.79	6.25	8.02	6.6	0.88
272	7/30/2007 08:21	19.24	51.326	33.78	6.24	8.02	6.9	0.96
273	7/30/2007 08:36	19.32	51.196	33.69	6.14	8.02	10.3	1.06
274	7/30/2007 08:51	19.36	51.133	33.64	6.03	8.02	12.5	1.14
275	7/30/2007 09:06	19.26	51.161	33.66	6	8.01	11.3	1.21
276	7/30/2007 09:21	19.12	51.174	33.67	6.05	8	9.9	1.31
277	7/30/2007 09:36	18.9	51.198	33.69	5.97	7.98	9.3	1.41
278	7/30/2007 09:51	18.78	51.188	33.68	5.91	7.96	10.6	1.50
279	7/30/2007 10:06	18.64	51.198	33.69	5.85	7.95	10.2	1.61
280	7/30/2007 10:21	18.31	51.166	33.66	5.73	7.92	11.6	1.72
281	7/30/2007 10:36	18.13	51.152	33.65	5.68	7.9	11.6	1.83
282	7/30/2007 10:51	18.03	51.182	33.67	5.68	7.89	12.9	1.93
283	7/30/2007 11:06	17.91	51.186	33.68	5.56	7.87	12.5	2.04
284	7/30/2007 11:21	17.78	51.148	33.65	5.25	7.85	12.4	2.12
285	7/30/2007 11:36	17.55	51.115	33.62	4.8	7.81	12.0	2.22
286	7/30/2007 11:51	17.31	51.118	33.62	4.64	7.79	14.1	2.31
287	7/30/2007 12:06	16.92	51.059	33.57	4.96	7.79	16.0	2.38

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
288	7/30/2007 12:21	16.63	51.073	33.58	5.46	7.81	16.1	2.46
289	7/30/2007 12:36	16.12	51.071	33.57	5.81	7.81	16.8	2.53
290	7/30/2007 12:51	15.4	51.082	33.56	6.22	7.81	15.4	2.60
291	7/30/2007 13:06	15.01	51.105	33.57	6.4	7.8	17.1	2.67
292	7/30/2007 13:21	14.74	51.094	33.56	6.42	7.8	15.4	2.71
293	7/30/2007 13:36	14.49	51.12	33.57	6.45	7.8	12.4	2.77
294	7/30/2007 13:51	14.28	51.125	33.57	6.44	7.79	11.2	2.81
295	7/30/2007 14:06	14.24	51.134	33.57	6.35	7.79	7.8	2.82
296	7/30/2007 14:21	14.49	51.168	33.6	6.23	7.78	10.5	2.83
297	7/30/2007 14:36	14.18	51.166	33.59	6.25	7.78	9.7	2.81
298	7/30/2007 14:51	14.35	51.145	33.58	6.28	7.78	10.9	2.76
299	7/30/2007 15:06	14.71	51.158	33.6	6.31	7.8	12.9	2.70
300	7/30/2007 15:21	15.23	51.055	33.54	6.28	7.81	12.1	2.64
301	7/30/2007 15:36	15.76	51.084	33.57	6.3	7.82	13.2	2.55
302	7/30/2007 15:51	16.54	51.147	33.63	6.65	7.86	12.1	2.47
303	7/30/2007 16:06	16.87	51.142	33.63	7.04	7.89	11.8	2.38
304	7/30/2007 16:21	17.18	51.15	33.64	7.66	7.93	8.5	2.31
305	7/30/2007 16:36	17.56	51.136	33.64	7.29	7.93	9.5	2.23
306	7/30/2007 16:51	17.8	51.154	33.65	7.78	7.96	8.8	2.15
307	7/30/2007 17:06	18.12	51.145	33.65	7.66	7.97	8.5	2.08
308	7/30/2007 17:21	18.25	51.166	33.66	8.02	7.99	8.2	2.01
309	7/30/2007 17:36	18.44	51.311	33.77	8.02	8	7.5	1.96
310	7/30/2007 17:51	18.53	51.312	33.77	8.28	8.02	7.1	1.90
311	7/30/2007 18:06	18.67	51.318	33.78	8.41	8.03	6.4	1.85
312	7/30/2007 18:21	18.9	51.33	33.79	8.62	8.05	6.9	1.82
313	7/30/2007 18:36	19.09	51.351	33.8	8.43	8.05	6.2	1.79
314	7/30/2007 18:51	19.27	51.355	33.81	8.25	8.05	15.5	1.80
315	7/30/2007 19:06	19.28	51.378	33.82	7.54	8.03	3.9	1.80
316	7/30/2007 19:21	19.26	51.363	33.81	8.23	8.05	5.5	1.83
317	7/30/2007 19:36	19.13	51.316	33.78	8.01	8.03	5.7	1.87
318	7/30/2007 19:51	19.19	51.318	33.78	7.73	8.03	6.6	1.91
319	7/30/2007 20:06	19.1	51.305	33.77	7.51	8.01	7.5	1.98
320	7/30/2007 20:21	19.14	51.27	33.74	7.28	7.99	10.3	2.06
321	7/30/2007 20:36	19.17	51.283	33.75	7.12	7.98	11.7	2.14
322	7/30/2007 20:51	18.59	51.487	33.9	6.71	7.94	9.8	2.21
323	7/30/2007 21:06	18.29	51.464	33.88	6.48	7.91	11.9	2.29
324	7/30/2007 21:21	17.88	51.455	33.87	6.31	7.88	12.5	2.37
325	7/30/2007 21:36	16.88	51.432	33.85	6.08	7.83	11.2	2.46
326	7/30/2007 21:51	16.39	51.44	33.85	6.06	7.82	10.2	2.53
327	7/30/2007 22:06	16.2	51.494	33.88	6.01	7.81	10.7	2.62
328	7/30/2007 22:21	15.34	51.447	33.83	6.04	7.79	12.1	2.71
329	7/30/2007 22:36	14.67	51.46	33.82	5.89	7.76	13.3	2.80
330	7/30/2007 22:51	14.22	51.479	33.82	6.08	7.76	12.4	2.89
331	7/30/2007 23:06	13.76	51.492	33.82	6.36	7.76	12.7	2.98
332	7/30/2007 23:21	13.56	51.495	33.81	6.47	7.76	11.1	3.07
333	7/30/2007 23:36	13.14	51.514	33.81	6.69	7.77	8.9	3.15
334	7/30/2007 23:51	12.86	51.521	33.8	6.95	7.78	8.5	3.22
335	7/31/2007 00:06	12.74	51.513	33.79	7.06	7.78	9.6	3.29

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	7/31/2007 00:21	12.63	51.511	33.79	7.16	7.78	7.7	3.35
337	7/31/2007 00:36	12.62	51.52	33.79	7.16	7.78	6.3	3.39
338	7/31/2007 00:51	12.62	51.543	33.81	7.1	7.78	4.9	3.41
339	7/31/2007 01:06	13.05	51.561	33.84	6.84	7.78	5.6	3.43
340	7/31/2007 01:21	12.9	51.51	33.8	6.88	7.77	5.3	3.43
341	7/31/2007 01:36	12.68	51.515	33.79	7.06	7.78	5.8	3.37
342	7/31/2007 01:51	12.77	51.516	33.8	7.01	7.77	5.6	3.30
343	7/31/2007 02:06	14.24	51.526	33.86	6.27	7.77	7.7	3.23
344	7/31/2007 02:21	13.54	51.527	33.84	6.5	7.75	5.3	3.13
345	7/31/2007 02:36	14.17	51.505	33.84	6.41	7.79	13.1	3.01
346	7/31/2007 02:51	14.53	51.499	33.85	6.24	7.79	9.1	2.90
347	7/31/2007 03:06	14.77	51.488	33.85	6.19	7.79	7.6	2.78
348	7/31/2007 03:21	15.11	51.473	33.84	5.99	7.79	6.8	2.66
349	7/31/2007 03:36	15.54	51.466	33.85	5.92	7.79	9.4	2.53
350	7/31/2007 03:51	16.13	51.467	33.86	5.73	7.8	8.6	2.40
351	7/31/2007 04:06	16.31	51.471	33.87	5.54	7.79	5.8	2.27
352	7/31/2007 04:21	16.85	51.487	33.89	5.71	7.83	11.5	2.14
353	7/31/2007 04:36	16.7	51.475	33.88	5.91	7.85	10.8	1.98
354	7/31/2007 04:51	16.87	51.495	33.89	5.99	7.86	10.8	1.84
355	7/31/2007 05:06	16.78	51.511	33.9	5.8	7.84	9.9	1.69
356	7/31/2007 05:21	16.99	51.498	33.9	5.89	7.85	10.9	1.55
357	7/31/2007 05:36	17.34	51.515	33.91	5.79	7.86	13.1	1.41
358	7/31/2007 05:51	17.5	51.479	33.89	5.73	7.86	12.2	1.25
359	7/31/2007 06:06	17.79	51.422	33.85	5.75	7.87	13.1	1.10
360	7/31/2007 06:21	17.9	50.995	33.54	5.71	7.87	13.5	0.96
361	7/31/2007 06:36	18.03	50.857	33.44	5.82	7.88	13.7	0.83
362	7/31/2007 06:51	18.27	50.773	33.37	5.89	7.9	10.1	0.73
363	7/31/2007 07:06	18.49	50.905	33.47	6.02	7.93	8.3	0.64
364	7/31/2007 07:21	18.57	51.223	33.71	5.89	7.93	6.9	0.61
365	7/31/2007 07:36	18.4	51.195	33.69	6	7.92	6.7	0.59
366	7/31/2007 07:51	18.66	51.217	33.7	6.23	7.96	6.0	0.63
367	7/31/2007 08:06	18.85	51.266	33.74	6.48	7.99	5.7	0.71
368	7/31/2007 08:21	18.74	51.224	33.71	6.44	7.97	6.1	0.76
369	7/31/2007 08:36	18.89	51.238	33.72	6.61	7.99	10.4	0.87
370	7/31/2007 08:51	18.78	51.186	33.68	6.56	7.98	5.8	0.95
371	7/31/2007 09:06	18.95	51.041	33.57	6.5	7.99	12.8	1.03
372	7/31/2007 09:21	19.04	50.946	33.5	6.45	7.99	12.2	1.13
373	7/31/2007 09:36	18.91	50.984	33.53	6.38	7.98	11.3	1.21
374	7/31/2007 09:51	18.7	51.04	33.57	6.38	7.97	8.9	1.31
375	7/31/2007 10:06	18.56	50.875	33.45	6.26	7.95	8.7	1.41
376	7/31/2007 10:21	18.43	50.88	33.45	6.17	7.94	9.4	1.50
377	7/31/2007 10:36	18.3	50.866	33.44	6.09	7.93	8.8	1.61
378	7/31/2007 10:51	17.99	51.056	33.58	5.89	7.89	9.5	1.73
379	7/31/2007 11:06	17.91	51.249	33.72	5.83	7.88	10.5	1.84
380	7/31/2007 11:21	17.84	51.255	33.73	5.78	7.87	11.0	1.94
381	7/31/2007 11:36	17.64	51.222	33.7	5.61	7.85	13.6	2.06
382	7/31/2007 11:51	17.37	51.23	33.7	5.36	7.82	13.3	2.15
383	7/31/2007 12:06	17.16	51.158	33.65	5.17	7.8	15.4	2.25

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
384	7/31/2007 12:21	16.89	51.382	33.81	5.23	7.8	17.2	2.34
385	7/31/2007 12:36	16.47	51.389	33.81	5.67	7.8	16.9	2.42
386	7/31/2007 12:51	15.98	51.378	33.79	5.99	7.8	18.0	2.52
387	7/31/2007 13:06	15.2	51.388	33.78	6.45	7.79	17.7	2.59
388	7/31/2007 13:21	14.79	51.39	33.78	6.71	7.8	16.3	2.66
389	7/31/2007 13:36	14.54	51.387	33.77	6.86	7.8	13.5	2.73
390	7/31/2007 13:51	14.33	51.382	33.76	6.88	7.79	14.4	2.79
391	7/31/2007 14:06	14.14	51.4	33.76	6.87	7.79	12.5	2.85
392	7/31/2007 14:21	13.83	51.468	33.8	6.91	7.79	11.0	2.89
393	7/31/2007 14:36	13.6	51.454	33.78	6.91	7.78	8.6	2.92
394	7/31/2007 14:51	14.25	51.448	33.8	6.78	7.79	8.4	2.92
395	7/31/2007 15:06	13.8	51.435	33.78	6.7	7.77	8.8	2.91
396	7/31/2007 15:21	13.81	51.411	33.76	6.75	7.78	9.5	2.86
397	7/31/2007 15:36	14.21	51.273	33.67	6.73	7.78	13.2	2.80
398	7/31/2007 15:51	14.88	51.255	33.68	6.81	7.81	11.6	2.73
399	7/31/2007 16:06	15.48	51.208	33.66	6.85	7.83	13.3	2.63
400	7/31/2007 16:21	15.95	51.223	33.68	6.99	7.85	16.8	2.53
401	7/31/2007 16:36	16.56	51.223	33.69	7.25	7.88	11.8	2.45
402	7/31/2007 16:51	17.02	51.217	33.69	7.54	7.92	10.6	2.35
403	7/31/2007 17:06	17.32	51.222	33.7	7.87	7.94	8.3	2.27
404	7/31/2007 17:21	17.58	51.227	33.7	8.05	7.96	10.2	2.17
405	7/31/2007 17:36	17.98	51.252	33.73	8.2	7.97	9.9	2.09
406	7/31/2007 17:51	18.13	51.28	33.75	8.27	7.99	8.8	2.02
407	7/31/2007 18:06	18.16	51.275	33.74	8.62	8.01	7.8	1.94
408	7/31/2007 18:21	18.42	51.304	33.77	8.71	8.02	10.7	1.87
409	7/31/2007 18:36	18.61	51.297	33.76	8.89	8.04	6.7	1.80
410	7/31/2007 18:51	18.81	51.295	33.76	9.18	8.06	6.4	1.77
411	7/31/2007 19:06	19.4	51.342	33.8	9.58	8.11	7.4	1.70
412	7/31/2007 19:21	19.4	51.338	33.79	9.62	8.11	6.1	1.68
413	7/31/2007 19:36	19.58	50.283	33.02	9.44	8.11	5.8	1.69
414	7/31/2007 19:51	19.5	51.307	33.77	9.47	8.11	4.8	1.68
415	7/31/2007 20:06	19.57	51.321	33.78	9.45	8.11	5.1	1.70
416	7/31/2007 20:21	19.43	51.325	33.78	9.34	8.1	5.5	1.74
417	7/31/2007 20:36	19.37	51.34	33.79	9.07	8.08	6.8	1.80
418	7/31/2007 20:51	19.28	51.434	33.86	8.74	8.06	7.7	1.87
419	7/31/2007 21:06	19.41	51.394	33.83	8.2	8.02	9.9	1.94
420	7/31/2007 21:21	19.56	51.466	33.89	8	8.02	10.3	2.04
421	7/31/2007 21:36	18.86	51.455	33.88	7.89	7.99	9.9	2.11
422	7/31/2007 21:51	18.55	51.414	33.85	7.68	7.97	9.6	2.18
423	7/31/2007 22:06	18.05	51.4	33.84	7.33	7.93	9.9	2.27
424	7/31/2007 22:21	17.27	51.386	33.82	6.85	7.88	10.8	2.35
425	7/31/2007 22:36	16.91	51.38	33.81	6.74	7.86	9.3	2.43
426	7/31/2007 22:51	16.71	51.389	33.81	6.74	7.86	10.0	2.51
427	7/31/2007 23:06	16.43	51.401	33.82	6.77	7.85	11.3	2.60
428	7/31/2007 23:21	15.76	51.398	33.8	6.78	7.83	11.8	2.69
429	7/31/2007 23:36	15.31	51.391	33.79	6.82	7.82	12.9	2.77
430	7/31/2007 23:51	14.65	51.387	33.77	6.85	7.8	14.2	2.86
431	8/1/2007 00:06	14.06	51.387	33.75	6.82	7.78	13.5	2.96

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	8/1/2007 00:21	13.68	51.367	33.72	6.82	7.77	11.4	3.03
433	8/1/2007 00:36	13.44	51.314	33.68	6.89	7.77	8.4	3.11
434	8/1/2007 00:51	13	51.371	33.7	7.12	7.77	8.0	3.18
435	8/1/2007 01:06	13.05	51.429	33.75	7.14	7.78	7.2	3.24
436	8/1/2007 01:21	12.94	51.51	33.8	7.2	7.78	5.8	3.28
437	8/1/2007 01:36	12.89	51.486	33.78	7.2	7.78	4.8	3.32
438	8/1/2007 01:51	13.65	51.521	33.84	6.97	7.79	5.5	3.33
439	8/1/2007 02:06	13.16	51.486	33.79	6.94	7.77	4.9	3.32
440	8/1/2007 02:21	12.83	51.488	33.78	7.2	7.78	5.3	3.29
441	8/1/2007 02:36	12.83	51.482	33.78	7.19	7.78	5.3	3.24
442	8/1/2007 02:51	13.9	51.455	33.8	6.8	7.78	7.2	3.16
443	8/1/2007 03:06	14.17	51.417	33.78	6.53	7.77	6.1	3.07
444	8/1/2007 03:21	14.58	51.442	33.81	6.57	7.79	10.8	2.97
445	8/1/2007 03:36	14.99	51.429	33.81	6.47	7.79	10.4	2.84
446	8/1/2007 03:51	15.18	51.437	33.82	6.47	7.8	10.7	2.72
447	8/1/2007 04:06	15.55	51.439	33.83	6.34	7.8	7.7	2.60
448	8/1/2007 04:21	15.97	51.448	33.85	6.32	7.81	8.1	2.48
449	8/1/2007 04:36	16.47	51.471	33.87	6.09	7.81	6.3	2.35
450	8/1/2007 04:51	16.91	51.51	33.91	6.13	7.84	7.6	2.23
451	8/1/2007 05:06	17.03	51.498	33.9	6.31	7.85	10.2	2.08
452	8/1/2007 05:21	16.82	51.526	33.92	6.15	7.84	8.1	1.96
453	8/1/2007 05:36	16.92	51.505	33.9	6.15	7.85	8.2	1.83
454	8/1/2007 05:51	16.99	51.531	33.92	6.33	7.86	9.5	1.68
455	8/1/2007 06:06	17.15	51.429	33.85	6.41	7.86	11.1	1.53
456	8/1/2007 06:21	17.54	51.454	33.87	6.37	7.87	11.6	1.40
457	8/1/2007 06:36	17.62	51.358	33.8	6.33	7.87	11.9	1.25
458	8/1/2007 06:51	17.71	51.47	33.88	6.27	7.87	10.6	1.11
459	8/1/2007 07:06	17.94	51.478	33.89	6.32	7.88	10.6	0.97
460	8/1/2007 07:21	18.12	51.481	33.9	6.36	7.89	9.7	0.87
461	8/1/2007 07:36	18.35	51.499	33.91	6.46	7.91	9.7	0.78
462	8/1/2007 07:51	18.58	51.524	33.93	6.61	7.93	8.1	0.72
463	8/1/2007 08:06	18.65	51.526	33.93	6.57	7.93	6.8	0.72
464	8/1/2007 08:21	18.57	51.523	33.93	6.61	7.94	6.0	0.73
465	8/1/2007 08:36	18.91	51.571	33.96	6.87	7.98	5.3	0.77
466	8/1/2007 08:51	18.89	51.541	33.94	6.92	7.97	5.6	0.85
467	8/1/2007 09:06	18.93	51.537	33.94	7.01	7.98	8.0	0.92
468	8/1/2007 09:21	18.94	51.535	33.94	7.04	7.98	6.7	1.02
469	8/1/2007 09:36	19.13	51.446	33.87	6.88	7.98	9.9	1.11
470	8/1/2007 09:51	19.27	51.357	33.81	6.75	7.98	11.9	1.20
471	8/1/2007 10:06	19.07	51.391	33.83	6.79	7.98	11.8	1.30
472	8/1/2007 10:21	18.81	51.413	33.85	6.81	7.96	8.5	1.39
473	8/1/2007 10:36	18.66	51.419	33.85	6.77	7.95	8.1	1.50
474	8/1/2007 10:51	18.53	51.427	33.86	6.75	7.94	7.4	1.58
475	8/1/2007 11:06	18.27	51.426	33.86	6.66	7.93	8.4	1.70
476	8/1/2007 11:21	18.1	51.414	33.85	6.58	7.91	9.3	1.81
477	8/1/2007 11:36	18.02	51.409	33.84	6.53	7.89	10.5	1.92
478	8/1/2007 11:51	17.81	51.4	33.83	6.47	7.88	12.4	2.03
479	8/1/2007 12:06	17.6	51.391	33.83	6.35	7.86	14.6	2.13

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	8/1/2007 12:21	17.42	51.372	33.81	6.24	7.84	12.8	2.24
481	8/1/2007 12:36	17.17	51.364	33.8	6.19	7.83	16.0	2.34
482	8/1/2007 12:51	16.7	51.332	33.77	6.22	7.82	18.6	2.43
483	8/1/2007 13:06	16.18	51.335	33.77	6.43	7.81	15.3	2.52
484	8/1/2007 13:21	15.62	51.319	33.74	6.6	7.81	18.2	2.61
485	8/1/2007 13:36	14.87	51.327	33.73	6.85	7.8	18.2	2.71
486	8/1/2007 13:51	14.61	51.328	33.72	6.96	7.8	16.7	2.79
487	8/1/2007 14:06	14.4	51.339	33.73	7.04	7.8	14.4	2.87
488	8/1/2007 14:21	14.03	51.345	33.72	7.14	7.8	13.8	2.94
489	8/1/2007 14:36	13.74	51.37	33.73	7.25	7.81	10.7	3.00
490	8/1/2007 14:51	13.49	51.365	33.72	7.32	7.81	8.6	3.05
491	8/1/2007 15:06	13.35	51.345	33.7	7.37	7.81	6.7	3.07
492	8/1/2007 15:21	13.84	51.385	33.74	7.2	7.81	8.4	3.08
493	8/1/2007 15:36	13.4	51.37	33.72	7.21	7.81	7.2	3.07
494	8/1/2007 15:51	13.34	51.369	33.71	7.23	7.81	7.5	3.02
495	8/1/2007 16:06	13.7	51.354	33.72	7.08	7.8	10.4	2.95
496	8/1/2007 16:21	14.79	51.435	33.81	7.19	7.83	10.8	2.87
497	8/1/2007 16:36	15.44	51.36	33.77	7.46	7.85	14.9	2.78
498	8/1/2007 16:51	15.88	51.398	33.81	7.49	7.88	13.2	2.67
499	8/1/2007 17:06	16.75	51.369	33.8	8.03	7.93	12.7	2.57
500	8/1/2007 17:21	16.82	51.362	33.8	8.48	7.95	9.3	2.47
501	8/1/2007 17:36	17.32	51.394	33.82	8.31	7.96	12.1	2.37
502	8/1/2007 17:51	17.49	51.382	33.82	8.39	7.97	11.2	2.28
503	8/1/2007 18:06	17.79	51.4	33.83	8.64	7.99	9.5	2.20
504	8/1/2007 18:21	17.93	51.417	33.85	9.02	8.02	7.5	2.11
505	8/1/2007 18:36	18.11	51.424	33.85	9.19	8.04	7.5	2.03
506	8/1/2007 18:51	18.19	51.439	33.86	9.12	8.04	7.3	1.93
507	8/1/2007 19:06	18.3	51.47	33.89	9.16	8.05	7.1	1.86
508	8/1/2007 19:21	18.5	51.448	33.87	9.38	8.07	6.3	1.79
509	8/1/2007 19:36	18.99	51.491	33.91	9.52	8.1	6.1	1.71
510	8/1/2007 19:51	19.27	51.501	33.91	9.59	8.12	6.2	1.67
511	8/1/2007 20:06	19.46	51.507	33.92	9.6	8.13	5.8	1.63
512	8/1/2007 20:21	19.6	51.508	33.92	9.53	8.13	5.5	1.61
513	8/1/2007 20:36	19.61	51.535	33.94	9.14	8.11	6.7	1.61
514	8/1/2007 20:51	19.52	51.539	33.94	9.41	8.13	5.8	1.62
515	8/1/2007 21:06	19.43	51.54	33.94	9.43	8.12	5.8	1.67
516	8/1/2007 21:21	19.28	51.508	33.92	9.3	8.11	6.5	1.70
517	8/1/2007 21:36	19.09	51.465	33.89	9.13	8.09	6.3	1.77
518	8/1/2007 21:51	18.99	51.484	33.9	9.02	8.07	7.0	1.85
519	8/1/2007 22:06	19.38	51.516	33.92	8.34	8.03	10.3	1.93
520	8/1/2007 22:21	19.15	51.47	33.89	8.29	8.02	11.1	2.01
521	8/1/2007 22:36	18.81	51.525	33.93	8.35	8.01	9.0	2.08
522	8/1/2007 22:51	18.51	51.544	33.94	8.23	7.99	8.5	2.16
523	8/1/2007 23:06	17.85	51.514	33.92	7.81	7.94	8.6	2.24
524	8/1/2007 23:21	17.47	51.503	33.91	7.46	7.91	8.6	2.32
525	8/1/2007 23:36	17.21	51.506	33.91	7.28	7.89	8.0	2.39
526	8/1/2007 23:51	16.94	51.479	33.88	7.21	7.89		2.47
527	8/2/2007 00:06	16.62	51.492	33.89	7.21	7.87	8.7	2.55

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	8/2/2007 00:21	16.26	51.464	33.86	7.22	7.86	9.7	2.63
529	8/2/2007 00:36	15.73	51.454	33.84	7.25	7.85	10.5	2.72
530	8/2/2007 00:51	15.3	51.471	33.85	7.29	7.85	11.8	2.80
531	8/2/2007 01:06	14.7	51.469	33.83	7.38	7.84	10.7	2.89
532	8/2/2007 01:21	14.28	51.469	33.82	7.39	7.83	11.1	2.96
533	8/2/2007 01:36	13.93	51.468	33.81	7.42	7.82	8.2	3.04
534	8/2/2007 01:51	13.81	51.478	33.81	7.39	7.82	8.1	3.10
535	8/2/2007 02:06	13.42	51.492	33.81	7.47	7.82	6.6	3.15
536	8/2/2007 02:21	13.31	51.523	33.82	7.49	7.82	6.1	3.19
537	8/2/2007 02:36	13.28	51.497	33.8	7.45	7.82	5.2	3.22
538	8/2/2007 02:51	13.73	51.52	33.84	7.34	7.82	5.4	3.23
539	8/2/2007 03:06	13.33	51.383	33.72	7.43	7.82	6.0	3.20
540	8/2/2007 03:21	13.23	51.394	33.73	7.48	7.82	4.6	3.17
541	8/2/2007 03:36	13.34	51.368	33.71	7.41	7.82	5.3	3.11
542	8/2/2007 03:51	15.01	51.4	33.79	6.87	7.82	7.3	3.02
543	8/2/2007 04:06	14.93	51.374	33.77	7.04	7.83	10.7	2.93
544	8/2/2007 04:21	15.41	51.381	33.78	6.91	7.83	9.1	2.82
545	8/2/2007 04:36	15.55	51.379	33.79	6.87	7.83	8.8	2.70
546	8/2/2007 04:51	15.77	51.441	33.84	6.82	7.84	9.0	2.58
547	8/2/2007 05:06	16.48	51.465	33.87	6.5	7.83	7.5	2.45
548	8/2/2007 05:21	16.96	51.487	33.89	6.38	7.84	8.0	2.35
549	8/2/2007 05:36	17.13	51.562	33.95	6.41	7.85	8.3	2.23
550	8/2/2007 05:51	17.29	51.555	33.94	6.3	7.87	8.0	2.09
551	8/2/2007 06:06	17.14	51.553	33.94	6.54	7.86	9.7	1.96
552	8/2/2007 06:21	17.33	51.562	33.95	6.56	7.87	10.8	1.83
553	8/2/2007 06:36	17.33	51.56	33.95	6.62	7.88	10.4	1.70
554	8/2/2007 06:51	17.5	51.345	33.79	6.51	7.88	11.4	1.57
555	8/2/2007 07:06	17.57	51.361	33.8	6.5	7.87	11.0	1.44
556	8/2/2007 07:21	17.75	51.328	33.78	6.44	7.88	10.0	1.32
557	8/2/2007 07:36	17.82	51.314	33.77	6.54	7.88	9.3	1.20
558	8/2/2007 07:51	18.17	51.384	33.82	6.67	7.91	8.2	1.10
559	8/2/2007 08:06	18.31	51.382	33.82	6.66	7.92	12.5	1.02
560	8/2/2007 08:21	18.54	51.395	33.83	6.71	7.94	6.3	0.96
561	8/2/2007 08:36	18.57	51.392	33.83	6.64	7.94	5.7	0.92
562	8/2/2007 08:51	18.7	51.419	33.85	6.78	7.95	6.0	0.92
563	8/2/2007 09:06	18.61	51.41	33.85	6.78	7.95	5.0	0.96
564	8/2/2007 09:21	18.76	51.4	33.84	6.87	7.97	4.9	0.99
565	8/2/2007 09:36	18.8	51.404	33.84	6.91	7.97	5.7	1.06
566	8/2/2007 09:51	18.86	51.404	33.84	6.98	7.98	6.6	1.16
567	8/2/2007 10:06	18.8	51.389	33.83	6.99	7.97	6.0	1.24
568	8/2/2007 10:21	19.07	51.275	33.75	6.66	7.96	10.4	1.33
569	8/2/2007 10:36	18.97	51.281	33.75	6.62	7.96	10.3	1.45
570	8/2/2007 10:51	18.66	51.307	33.77	6.73	7.95	9.1	1.53
571	8/2/2007 11:06	18.54	51.31	33.77	6.73	7.94	8.4	1.63
572	8/2/2007 11:21	18.41	51.302	33.76	6.74	7.94	7.7	1.74
573	8/2/2007 11:36	18.16	51.264	33.74	6.74	7.92	8.0	1.85
574	8/2/2007 11:51	17.99	51.285	33.75	6.72	7.91	10.3	1.95
575	8/2/2007 12:06	17.87	51.271	33.74	6.72	7.89	11.1	2.05

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	8/2/2007 12:21	17.7	51.27	33.74	6.76	7.88	11.9	2.15
577	8/2/2007 12:36	17.48	51.258	33.73	6.76	7.87	13.0	2.26
578	8/2/2007 12:51	17.28	51.187	33.67	6.8	7.87	13.9	2.35
579	8/2/2007 13:06	17.03	51.239	33.71	6.81	7.86	16.2	2.45
580	8/2/2007 13:21	16.55	51.18	33.66	6.88	7.85	18.9	2.55
581	8/2/2007 13:36	16.07	51.178	33.65	6.94	7.84	20.4	2.65
582	8/2/2007 13:51	15.49	51.139	33.61	7.2	7.84	17.3	2.73
583	8/2/2007 14:06	14.88	51.196	33.64	7.55	7.85	15.5	2.83
584	8/2/2007 14:21	14.77	51.174	33.62	7.66	7.86	16.4	2.92
585	8/2/2007 14:36	14.64	51.425	33.8	7.74	7.86	18.3	3.01
586	8/2/2007 14:51	14.3	51.407	33.77	8.09	7.88	16.0	3.09
587	8/2/2007 15:06	14.04	51.402	33.76	8.48	7.91	12.5	3.16
588	8/2/2007 15:21	13.87	51.433	33.78	8.74	7.93	7.7	3.21
589	8/2/2007 15:36	13.76	51.415	33.76	8.92	7.94	7.0	3.24
590	8/2/2007 15:51	14.3	51.46	33.81	8.51	7.92	6.4	3.25
591	8/2/2007 16:06	14.11	51.402	33.76	8.54	7.92	6.8	3.24
592	8/2/2007 16:21	13.93	51.397	33.75	8.88	7.94	7.2	3.20
593	8/2/2007 16:36	14.03	51.406	33.76	8.76	7.93	8.1	3.13
594	8/2/2007 16:51	15.14	51.433	33.82	8.51	7.93	13.8	3.05
595	8/2/2007 17:06	15.76	51.414	33.82	8.54	7.93	11.5	2.96
596	8/2/2007 17:21	15.94	51.417	33.82	8.46	7.94	15.2	2.85
597	8/2/2007 17:36	16.26	51.436	33.84	8.6	7.95	15.8	2.74
598	8/2/2007 17:51	16.51	51.45	33.86	8.75	7.96	13.2	2.63
599	8/2/2007 18:06	16.82	51.461	33.87	8.83	7.97	13.6	2.53
600	8/2/2007 18:21	17.15	51.478	33.89	8.78	7.99	13.0	2.43
601	8/2/2007 18:36	17.48	51.52	33.92	9.09	8.01	9.4	2.33
602	8/2/2007 18:51	17.82	51.492	33.9	9.17	8.02	10.2	2.23
603	8/2/2007 19:06	17.76	51.496	33.9	9.21	8.03	7.8	2.14
604	8/2/2007 19:21	17.95	51.522	33.92	9.08	8.03	8.5	2.04
605	8/2/2007 19:36	17.71	51.488	33.9	9.03	8.03	6.6	1.94
606	8/2/2007 19:51	17.77	51.511	33.91	9.01	8.03	7.0	1.85
607	8/2/2007 20:06	17.85	51.509	33.91	8.89	8.03	6.3	1.76
608	8/2/2007 20:21	18.07	51.541	33.94	8.79	8.03	6.0	1.67
609	8/2/2007 20:36	18.43	51.481	33.9	8.7	8.04	6.4	1.62
610	8/2/2007 20:51	18.83	51.639	34.02	8.97	8.07	12.8	1.55
611	8/2/2007 21:06	19.28	51.653	34.03	9.06	8.09	6.3	1.53
612	8/2/2007 21:21	19.52	51.527	33.93	8.98	8.09	5.0	1.52
613	8/2/2007 21:36	19.64	51.641	34.02	8.82	8.09	6.3	1.52
614	8/2/2007 21:51	19.66	51.71	34.07	9.2	8.11	4.6	1.55
615	8/2/2007 22:06	19.41	51.675	34.04	9.14	8.1	4.8	1.60
616	8/2/2007 22:21	19.33	51.664	34.03	9.1	8.09	5.5	1.65
617	8/2/2007 22:36	19.25	51.658	34.03	9.06	8.08	5.6	1.72
618	8/2/2007 22:51	19.48	51.613	34	8.53	8.05	9.2	1.81
619	8/2/2007 23:06	19.63	51.586	33.98	8.17	8.03	10.2	1.88
620	8/2/2007 23:21	19.12	51.523	33.93	8.55	8.04	8.3	1.97
621	8/2/2007 23:36	18.89	51.593	33.98	8.57	8.03	7.4	2.05
622	8/2/2007 23:51	18.7	51.581	33.97	8.55	8.02	7.2	2.12
623	8/3/2007 00:06	18.18	51.569	33.96	8.23	7.98	7.5	2.19

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	8/3/2007 00:21	17.71	51.529	33.93	7.9	7.94	8.3	2.27
625	8/3/2007 00:36	17.53	51.521	33.92	7.78	7.93	8.2	2.34
626	8/3/2007 00:51	17.24	51.469	33.88	7.75	7.92	8.2	2.42
627	8/3/2007 01:06	17.1	51.553	33.94	7.74	7.92	8.2	2.49
628	8/3/2007 01:21	16.78	51.585	33.96	7.8	7.91	8.8	2.57
629	8/3/2007 01:36	16.45	51.561	33.94	7.87	7.91	10.2	2.66
630	8/3/2007 01:51	16.23	51.569	33.94	7.95	7.91	9.7	2.71
631	8/3/2007 02:06	15.97	51.552	33.92	8.1	7.92	10.1	2.79
632	8/3/2007 02:21	15.67	51.425	33.82	8.3	7.93	8.5	2.86
633	8/3/2007 02:36	15.28	51.427	33.82	8.47	7.94	7.6	2.92
634	8/3/2007 02:51	14.97	51.437	33.81	8.65	7.95	5.8	2.97
635	8/3/2007 03:06	14.74	51.417	33.79	8.72	7.96	5.8	3.01
636	8/3/2007 03:21	14.76	51.44	33.81	8.72	7.96	4.9	3.04
637	8/3/2007 03:36	15.19	51.442	33.82	8.45	7.94	5.6	3.06
638	8/3/2007 03:51	14.81	51.438	33.81	8.61	7.95	4.1	3.03
639	8/3/2007 04:06	14.67	51.416	33.79	8.73	7.95	4.1	3.01
640	8/3/2007 04:21	14.85	51.419	33.8	8.59	7.95	4.7	2.96
641	8/3/2007 04:36	15.74	51.477	33.86	7.92	7.92	6.1	2.89
642	8/3/2007 04:51	15.87	51.473	33.86	7.86	7.91	8.0	2.79
643	8/3/2007 05:06	16.14	51.472	33.87	7.62	7.89	9.9	2.69
644	8/3/2007 05:21	16.5	51.488	33.88	7.27	7.88	7.7	2.60
645	8/3/2007 05:36	16.56	51.496	33.89	7.07	7.87	6.8	2.49
646	8/3/2007 05:51	16.96	51.488	33.89	6.9	7.87	8.3	2.39
647	8/3/2007 06:06	17.03	51.528	33.92	6.57	7.85	6.8	2.28
648	8/3/2007 06:21	17.49	51.57	33.96	6.35	7.85	7.8	2.17
649	8/3/2007 06:36	17.38	51.538	33.93	6.43	7.85	7.5	2.07
650	8/3/2007 06:51	17.41	51.402	33.83	6.2	7.83	8.3	1.95
651	8/3/2007 07:06	17.48	51.41	33.84	6.37	7.85	9.1	1.82
652	8/3/2007 07:21	17.37	51.366	33.81	6.62	7.87	8.2	1.73
653	8/3/2007 07:36	17.51	51.4	33.83	6.71	7.88	7.8	1.61
654	8/3/2007 07:51	17.59	51.416	33.84	6.8	7.89	7.1	1.50
655	8/3/2007 08:06	17.74	51.423	33.85	6.84	7.9	6.2	1.39
656	8/3/2007 08:21	17.86	51.434	33.86	6.86	7.9	6.4	1.30
657	8/3/2007 08:36	18.12	51.441	33.87	6.86	7.92	5.5	1.24
658	8/3/2007 08:51	18.26	51.463	33.88	6.85	7.92	7.0	1.18
659	8/3/2007 09:06	18.45	51.507	33.92	6.7	7.93	4.5	1.13
660	8/3/2007 09:21	18.52	51.501	33.91	6.73	7.93	3.9	1.13
661	8/3/2007 09:36	18.44	51.485	33.9	6.79	7.93	4.1	1.14
662	8/3/2007 09:51	18.6	51.541	33.94	6.72	7.94	3.9	1.18
663	8/3/2007 10:06	18.55	51.486	33.9	6.76	7.93	4.5	1.22
664	8/3/2007 10:21	18.75	51.508	33.92	6.6	7.94	4.5	1.29
665	8/3/2007 10:36	18.77	51.509	33.92	6.61	7.94	5.3	1.40
666	8/3/2007 10:51	18.88	51.537	33.94	6.49	7.93	9.4	1.47
667	8/3/2007 11:06	18.9	51.544	33.94	6.4	7.92	10.5	1.56
668	8/3/2007 11:21	18.59	51.583	33.97	6.52	7.92	7.8	1.64
669	8/3/2007 11:36	18.37	51.592	33.98	6.66	7.92	10.5	1.74
670	8/3/2007 11:51	18.28	51.604	33.99	6.71	7.91	9.1	1.85
671	8/3/2007 12:06	18.1	51.585	33.97	6.69	7.91	11.3	1.93

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	8/3/2007 12:21	17.92	51.572	33.96	6.83	7.9	8.3	2.02
673	8/3/2007 12:36	17.78	51.555	33.95	6.99	7.9	9.1	2.13
674	8/3/2007 12:51	17.76	51.551	33.94	7.07	7.9	10.2	2.23
675	8/3/2007 13:06	17.68	50.425	33.12	7.21	7.9	11.8	2.31
676	8/3/2007 13:21	17.4	51.532	33.93	7.28	7.9	11.3	2.40
677	8/3/2007 13:36	17.22	51.52	33.92	7.42	7.9	13.1	2.50
678	8/3/2007 13:51	16.84	51.46	33.87	7.61	7.91	17.5	2.60
679	8/3/2007 14:06	16.37	51.438	33.85	7.96	7.92	16.5	2.69
680	8/3/2007 14:21	15.98	51.428	33.83	8.2	7.93	20.2	2.78
681	8/3/2007 14:36	15.32	51.396	33.79	8.67	7.95	15.3	2.88
682	8/3/2007 14:51	14.87	51.383	33.77	9.11	7.98	15.7	2.98
683	8/3/2007 15:06	14.66	51.38	33.76	9.39	8	11.8	3.06
684	8/3/2007 15:21	14.31	51.396	33.77	9.46	8	12.7	3.14
685	8/3/2007 15:36	13.72	51.424	33.77	9.31	7.98	10.0	3.21
686	8/3/2007 15:51	13.42	51.454	33.78	9.25	7.98	7.7	3.26
687	8/3/2007 16:06	13.25	51.467	33.78	9.19	7.98	5.5	3.29
688	8/3/2007 16:21	13.45	51.41	33.75	9.16	7.98	4.2	3.33
689	8/3/2007 16:36	13.4	51.516	33.82	9.09	7.97	5.5	3.32
690	8/3/2007 16:51	13.31	51.46	33.78	9.07	7.97	5.3	3.28
691	8/3/2007 17:06	13.56	51.452	33.78	9.09	7.97	5.8	3.23
692	8/3/2007 17:21	14.72	51.453	33.82	9.36	8	10.1	3.15
693	8/3/2007 17:36	15.67	51.429	33.82	9.48	8.02	11.9	3.06
694	8/3/2007 17:51	15.94	51.411	33.82	9.62	8.03	12.8	2.95
695	8/3/2007 18:06	15.96	51.419	33.82	9.48	8.02	16.1	2.85
696	8/3/2007 18:21	16.28	51.443	33.85	9.51	8.03	13.3	2.74
697	8/3/2007 18:36	16.65	51.451	33.86	9.32	8.02	11.9	2.62
698	8/3/2007 18:51	17.27	51.488	33.89	9.06	8.01	17.4	2.51
699	8/3/2007 19:06	17.58	51.52	33.92	8.75	8	15.9	2.41
700	8/3/2007 19:21	17.76	51.534	33.93	9.07	8.03	12.8	2.31
701	8/3/2007 19:36	17.97	51.541	33.94	9.13	8.04	11.2	2.19
702	8/3/2007 19:51	17.92	51.541	33.94	9.19	8.04	9.9	2.09
703	8/3/2007 20:06	17.66	51.534	33.93	9.07	8.03	8.5	1.99
704	8/3/2007 20:21	17.5	51.516	33.92	9.05	8.03	8.5	1.88
705	8/3/2007 20:36	17.67	51.529	33.93	8.9	8.03	8.7	1.78
706	8/3/2007 20:51	17.76	51.56	33.95	8.75	8.02	7.7	1.69
707	8/3/2007 21:06	17.97	51.608	33.99	8.57	8.02	7.4	1.61
708	8/3/2007 21:21	18.1	51.627	34	8.42	8.01	6.3	1.53
709	8/3/2007 21:36	18.31	51.609	33.99	8.31	8.01	5.6	1.45
710	8/3/2007 21:51	18.66	51.653	34.02	8.24	8.01	4.9	1.42
711	8/3/2007 22:06	19.05	51.685	34.05	8.42	8.04	4.5	1.40
712	8/3/2007 22:21	19.34	51.726	34.08	8.5	8.05	4.7	1.40
713	8/3/2007 22:36	19.31	51.748	34.1	8.45	8.06	4.5	1.39
714	8/3/2007 22:51	19.3	51.729	34.08	8.7	8.07	4.1	1.44
715	8/3/2007 23:06	19.11	51.697	34.06	8.63	8.05	5.0	1.49
716	8/3/2007 23:21	19.19	51.701	34.06	8.89	8.08	5.6	1.54
717	8/3/2007 23:36	19.12	51.694	34.06	8.86	8.07	5.3	1.61
718	8/3/2007 23:51	19.28	51.655	34.03	8.35	8.04	8.1	1.69
719	8/4/2007 00:06	19.39	51.632	34.01	8.01	8.02	9.4	1.77

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	8/4/2007 00:21	19	51.536	33.94	8.38	8.03	7.6	1.84
721	8/4/2007 00:36	18.83	51.63	34.01	8.43	8.03	6.3	1.91
722	8/4/2007 00:51	18.74	51.619	34	8.43	8.03	6.8	1.98
723	8/4/2007 01:06	18.62	51.589	33.98	8.44	8.02	6.6	2.05
724	8/4/2007 01:21	18.18	51.582	33.97	8.25	7.99	8.0	2.11
725	8/4/2007 01:36	17.9	51.558	33.95	8.14	7.97	6.9	2.19
726	8/4/2007 01:51	17.74	51.547	33.94	8.1	7.96	7.1	2.26
727	8/4/2007 02:06	17.56	51.533	33.93	8.09	7.96	6.9	2.32
728	8/4/2007 02:21	17.36	51.524	33.92	8.11	7.95	6.4	2.38
729	8/4/2007 02:36	17.14	51.521	33.92	8.19	7.96	6.9	2.45
730	8/4/2007 02:51	16.93	51.48	33.88	8.26	7.96	7.0	2.51
731	8/4/2007 03:06	16.72	51.482	33.88	8.31	7.96	6.6	2.57
732	8/4/2007 03:21	16.55	51.466	33.87	8.36	7.96	6.9	2.63
733	8/4/2007 03:36	16.27	51.449	33.85	8.47	7.96	7.5	2.69
734	8/4/2007 03:51	16.11	51.452	33.85	8.5	7.96	7.4	2.73
735	8/4/2007 04:06	15.86	51.455	33.85	8.54	7.97	5.2	2.77
736	8/4/2007 04:21	15.69	51.455	33.84	8.51	7.97	4.2	2.80
737	8/4/2007 04:36	15.73	51.457	33.85	8.42	7.96	4.4	2.82
738	8/4/2007 04:51	15.84	51.481	33.87	8.34	7.96	4.6	2.81
739	8/4/2007 05:06	15.69	51.449	33.84	8.38	7.96	4.7	2.79
740	8/4/2007 05:21	15.77	51.441	33.84	8.35	7.96	4.3	2.75
741	8/4/2007 05:36	16.1	51.464	33.86	8.18	7.95	5.0	2.70
742	8/4/2007 05:51	16.65	51.478	33.88	7.81	7.93	6.0	2.62
743	8/4/2007 06:06	16.94	51.24	33.71	7.33	7.9	8.0	2.53
744	8/4/2007 06:21	16.99	51.206	33.68	7.36	7.91	8.3	2.45
745	8/4/2007 06:36	17.14	51.226	33.7	6.92	7.87	7.8	2.35
746	8/4/2007 06:51	17.26	51.221	33.7	6.74	7.87	9.2	2.25
747	8/4/2007 07:06	17.38	51.246	33.72	6.54	7.86	7.2	2.17
748	8/4/2007 07:21	17.43	51.253	33.72	6.24	7.83	6.5	2.06
749	8/4/2007 07:36	17.38	51.246	33.72	6.46	7.84	12.8	1.99
750	8/4/2007 07:51	17.49	51.242	33.71	6.69	7.87	6.0	1.90
751	8/4/2007 08:06	17.43	51.245	33.72	6.83	7.88	5.9	1.79
752	8/4/2007 08:21	17.46	51.189	33.68	7.03	7.9	6.4	1.71
753	8/4/2007 08:36	17.59	51.258	33.73	6.9	7.9	6.3	1.63
754	8/4/2007 08:51	17.68	51.244	33.72	6.95	7.9	5.0	1.56
755	8/4/2007 09:06	17.76	51.219	33.7	7.01	7.91	4.7	1.48
756	8/4/2007 09:21	17.81	51.276	33.74	7.04	7.91	4.7	1.45
757	8/4/2007 09:36	18.06	51.31	33.77	6.93	7.92	3.9	1.41
758	8/4/2007 09:51	18.21	51.383	33.82	6.84	7.92	5.0	1.38
759	8/4/2007 10:06	18.45	51.357	33.81	6.83	7.93	3.8	1.39
760	8/4/2007 10:21	18.33	51.344	33.8	6.91	7.93	3.3	1.40
761	8/4/2007 10:36	18.41	51.406	33.84	6.78	7.93	3.3	1.45
762	8/4/2007 10:51	18.37	51.361	33.81	6.9	7.93	4.2	1.49
763	8/4/2007 11:06	18.42	51.331	33.79	6.88	7.94	4.0	1.56
764	8/4/2007 11:21	18.39	51.338	33.79	6.9	7.94	4.4	1.64
765	8/4/2007 11:36	18.37	51.28	33.75	6.85	7.93	6.6	1.71
766	8/4/2007 11:51	18.45	51.223	33.71	6.76	7.92	8.1	1.80
767	8/4/2007 12:06	18.21	51.242	33.72	6.89	7.92	7.4	1.88

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	8/4/2007 12:21	18.04	51.263	33.73	6.97	7.91	6.6	1.96
769	8/4/2007 12:36	17.92	51.252	33.73	6.97	7.91	6.4	2.04
770	8/4/2007 12:51	17.79	51.235	33.71	7.01	7.91	6.8	2.12
771	8/4/2007 13:06	17.58	51.216	33.7	7.28	7.92	9.0	2.21
772	8/4/2007 13:21	17.5	51.209	33.69	7.44	7.92	8.5	2.30
773	8/4/2007 13:36	17.43	51.167	33.66	7.55	7.92	10.2	2.38
774	8/4/2007 13:51	17.2	51.157	33.65	7.59	7.92	12.0	2.47
775	8/4/2007 14:06	16.92	51.139	33.63	7.67	7.92	12.8	2.56
776	8/4/2007 14:21	16.62	51.099	33.6	7.75	7.92	14.7	2.65
777	8/4/2007 14:36	16.14	51.06	33.56	7.94	7.93	15.4	2.74
778	8/4/2007 14:51	15.55	51.06	33.55	8.11	7.93	15.2	2.83
779	8/4/2007 15:06	14.99	51.058	33.54	8.2	7.93	14.5	2.93
780	8/4/2007 15:21	14.4	51.062	33.52	8.29	7.93	16.5	3.02
781	8/4/2007 15:36	14	51.085	33.53	8.36	7.93	13.6	3.11
782	8/4/2007 15:51	13.66	51.109	33.53	8.41	7.93	12.1	3.18
783	8/4/2007 16:06	13.5	51.105	33.53	8.42	7.93	7.8	3.25
784	8/4/2007 16:21	13.44	51.146	33.55	8.31	7.93	10.3	3.30
785	8/4/2007 16:36	13.25	51.162	33.56	8.22	7.92	6.1	3.35
786	8/4/2007 16:51	13.15	51.201	33.58	8.14	7.91	4.7	3.38
787	8/4/2007 17:06	13.62	51.14	33.56	8.2	7.92	5.2	3.38
788	8/4/2007 17:21	13.29	51.194	33.58	8	7.91	5.5	3.37
789	8/4/2007 17:36	13.26	51.166	33.56	8	7.91	7.2	3.34
790	8/4/2007 17:51	13.57	51.196	33.59	8.06	7.92	6.2	3.27
791	8/4/2007 18:06	14.75	51.186	33.62	8.58	7.96	7.7	3.19
792	8/4/2007 18:21	15.67	51.164	33.63	8.89	7.98	10.3	3.11
793	8/4/2007 18:36	15.89	51.185	33.65	8.97	7.99	12.1	3.01
794	8/4/2007 18:51	15.99	51.194	33.66	9.05	8	11.6	2.90
795	8/4/2007 19:06	16.34	51.205	33.67	9.04	8	9.9	2.79
796	8/4/2007 19:21	16.64	51.208	33.68	9.05	8.01	7.6	2.69
797	8/4/2007 19:36	17	51.219	33.69	9.09	8.02	10.3	2.59
798	8/4/2007 19:51	17.39	51.243	33.71	9.05	8.02	10.0	2.48
799	8/4/2007 20:06	17.4	51.221	33.7	8.91	8	10.3	2.37
800	8/4/2007 20:21	17.68	51.259	33.73	9.15	8.03	9.1	2.28
801	8/4/2007 20:36	17.7	51.241	33.72	8.92	8.01	8.5	2.17
802	8/4/2007 20:51	17.56	51.458	33.87	8.8	8.01	8.1	2.05
803	8/4/2007 21:06	17.7	51.582	33.97	8.84	8.02	7.5	1.94
804	8/4/2007 21:21	17.76	51.589	33.97	8.77	8.01	7.2	1.86
805	8/4/2007 21:36	17.79	51.56	33.95	8.72	8.02	6.7	1.75
806	8/4/2007 21:51	17.82	51.513	33.92	8.51	8.01	7.5	1.64
807	8/4/2007 22:06	17.98	51.603	33.98	8.31	8	6.0	1.55
808	8/4/2007 22:21	18.22	51.436	33.86	8.22	7.99	6.1	1.47
809	8/4/2007 22:36	18.33	51.253	33.73	8.11	7.99	5.2	1.39
810	8/4/2007 22:51	18.45	51.655	34.03	7.95	7.99	4.5	1.33
811	8/4/2007 23:06	18.8	51.677	34.04	8.16	8.01	5.1	1.31
812	8/4/2007 23:21	19.01	51.696	34.06	8.31	8.02	4.1	1.30
813	8/4/2007 23:36	19.07	51.701	34.06	8.14	8.01	3.8	1.29
814	8/4/2007 23:51	19.15	51.735	34.09	8.47	8.05	3.5	1.30
815	8/5/2007 00:06	19.07	51.728	34.08	8.56	8.04	3.6	1.36

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	8/5/2007 00:21	19.14	51.73	34.08	8.87	8.07	4.8	1.40
817	8/5/2007 00:36	19.09	51.724	34.08	8.85	8.07	6.1	1.45
818	8/5/2007 00:51	19.09	51.708	34.07	8.73	8.05	5.6	1.53
819	8/5/2007 01:06	19.33	51.595	33.98	8.08	8.01	8.0	1.61
820	8/5/2007 01:21	19.29	51.585	33.98	7.93	8	8.1	1.68
821	8/5/2007 01:36	19.02	51.59	33.98	8.26	8.02	6.7	1.75
822	8/5/2007 01:51	18.82	51.588	33.98	8.36	8.02	6.0	1.81
823	8/5/2007 02:06	18.73	51.584	33.97	8.36	8.01	5.9	1.88
824	8/5/2007 02:21	18.64	51.574	33.97	8.37	8.01	5.7	1.94
825	8/5/2007 02:36	18.33	51.547	33.95	8.32	8	5.8	1.99
826	8/5/2007 02:51	18.13	51.54	33.94	8.15	7.98	7.8	2.07
827	8/5/2007 03:06	17.93	51.523	33.92	8.05	7.97	5.9	2.13
828	8/5/2007 03:21	17.69	51.505	33.91	7.97	7.95	5.9	2.19
829	8/5/2007 03:36	17.54	51.502	33.91	7.96	7.95	5.8	2.25
830	8/5/2007 03:51	17.45	51.495	33.9	7.95	7.95	6.0	2.31
831	8/5/2007 04:06	17.21	51.483	33.89	7.97	7.95	6.0	2.36
832	8/5/2007 04:21	16.99	51.443	33.86	7.98	7.95	5.3	2.42
833	8/5/2007 04:36	16.82	51.443	33.86	7.99	7.94	5.7	2.47
834	8/5/2007 04:51	16.7	51.44	33.85	7.96	7.94	5.9	2.51
835	8/5/2007 05:06	16.57	51.497	33.89	7.95	7.94	5.1	2.55
836	8/5/2007 05:21	16.38	51.495	33.89	7.97	7.94	5.3	2.59
837	8/5/2007 05:36	16.31	51.53	33.91	7.86	7.93	5.0	2.61
838	8/5/2007 05:51	16.2	51.528	33.91	7.69	7.93	4.5	2.62
839	8/5/2007 06:06	16.3	51.518	33.9	7.73	7.93	4.1	2.63
840	8/5/2007 06:21	16.2	51.49	33.88	7.77	7.93	4.2	2.60
841	8/5/2007 06:36	16.29	51.493	33.88	7.77	7.93	4.5	2.57
842	8/5/2007 06:51	16.46	51.501	33.89	7.75	7.93	4.7	2.51
843	8/5/2007 07:06	16.76	51.529	33.92	7.61	7.92	5.6	2.45
844	8/5/2007 07:21	17.11	51.582	33.96	7.12	7.89	6.0	2.39
845	8/5/2007 07:36	17.19	51.583	33.96	7.02	7.89	6.4	2.32
846	8/5/2007 07:51	17.26	51.564	33.95	6.97	7.88	6.1	2.25
847	8/5/2007 08:06	17.31	51.588	33.97	6.58	7.86	5.7	2.16
848	8/5/2007 08:21	17.41	51.592	33.97	6.47	7.85	6.3	2.09
849	8/5/2007 08:36	17.45	51.595	33.97	6.53	7.85	5.1	2.04
850	8/5/2007 08:51	17.36	51.593	33.97	6.4	7.84	5.1	1.95
851	8/5/2007 09:06	17.59	51.604	33.98	6.56	7.86	4.9	1.90
852	8/5/2007 09:21	17.66	51.604	33.98	6.78	7.88	4.4	1.85
853	8/5/2007 09:36	17.78	51.618	33.99	6.9	7.89	4.4	1.79
854	8/5/2007 09:51	17.8	51.598	33.98	6.95	7.9	4.1	1.75
855	8/5/2007 10:06	17.97	51.607	33.99	7.02	7.91	4.2	1.70
856	8/5/2007 10:21	18.08	51.628	34	7.05	7.92	4.0	1.69
857	8/5/2007 10:36	18.27	51.653	34.02	7.12	7.93	3.7	1.68
858	8/5/2007 10:51	18.34	51.661	34.03	6.85	7.92	4.7	1.68
859	8/5/2007 11:06	18.33	51.673	34.04	7.05	7.93	3.5	1.70
860	8/5/2007 11:21	18.34	51.669	34.04	7.07	7.94	3.6	1.70
861	8/5/2007 11:36	18.22	51.662	34.03	7.08	7.93	3.6	1.75
862	8/5/2007 11:51	18.23	51.654	34.02	7.09	7.93	4.4	1.81
863	8/5/2007 12:06	18.14	51.647	34.02	6.99	7.92	5.4	1.86

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
864	8/5/2007 12:21	18.05	51.629	34	6.98	7.91	5.5	1.92
865	8/5/2007 12:36	17.99	51.627	34	6.97	7.91	5.9	1.99
866	8/5/2007 12:51	17.92	51.617	33.99	7	7.9	5.6	2.07
867	8/5/2007 13:06	17.83	51.605	33.99	7.01	7.9	6.1	2.13
868	8/5/2007 13:21	17.64	51.586	33.97	7.08	7.9	6.4	2.20
869	8/5/2007 13:36	17.39	51.564	33.95	7.19	7.9	7.8	2.28
870	8/5/2007 13:51	17.12	51.544	33.93	7.39	7.91	7.1	2.35
871	8/5/2007 14:06	16.97	51.517	33.91	7.43	7.91	8.4	2.42
872	8/5/2007 14:21	16.81	51.507	33.9	7.39	7.91	8.7	2.50
873	8/5/2007 14:36	16.57	51.502	33.89	7.27	7.89	9.6	2.59
874	8/5/2007 14:51	16.24	51.496	33.89	7.19	7.89	9.7	2.67
875	8/5/2007 15:06	15.77	51.477	33.86	7.28	7.88	12.1	2.75
876	8/5/2007 15:21	15.15	51.482	33.85	7.42	7.88	11.8	2.83
877	8/5/2007 15:36	14.8	51.478	33.84	7.51	7.88	10.8	2.93
878	8/5/2007 15:51	14.48	51.485	33.84	7.52	7.88	11.0	3.01
879	8/5/2007 16:06	14	51.493	33.83	7.48	7.87	9.2	3.08
880	8/5/2007 16:21	13.51	51.517	33.83	7.41	7.86	8.6	3.17
881	8/5/2007 16:36	13.21	51.53	33.83	7.32	7.85	7.6	3.23
882	8/5/2007 16:51	13.09	51.533	33.82	7.16	7.84	6.2	3.29
883	8/5/2007 17:06	13.02	51.544	33.83	7.15	7.84	5.9	3.33
884	8/5/2007 17:21	13	51.523	33.81	7.12	7.84	5.7	3.37
885	8/5/2007 17:36	12.84	51.527	33.81	7.14	7.84	4.5	3.39
886	8/5/2007 17:51	13	51.546	33.83	7.08	7.84	5.5	3.39
887	8/5/2007 18:06	12.98	51.53	33.82	7.06	7.83	5.1	3.37
888	8/5/2007 18:21	12.97	51.528	33.81	7.06	7.83	4.6	3.34
889	8/5/2007 18:36	13.55	51.555	33.86	7.17	7.85	6.0	3.28
890	8/5/2007 18:51	14.62	51.521	33.87	7.65	7.9	5.3	3.21
891	8/5/2007 19:06	15.01	51.473	33.84	7.67	7.9	8.0	3.14
892	8/5/2007 19:21	15.43	51.474	33.85	7.9	7.91	7.0	3.05
893	8/5/2007 19:36	15.58	51.542	33.91	7.95	7.92	8.5	2.94
894	8/5/2007 19:51	16.05	51.528	33.91	8.05	7.94	8.8	2.84
895	8/5/2007 20:06	16.02	51.495	33.88	7.98	7.93	7.7	2.75
896	8/5/2007 20:21	16.41	51.516	33.9	8.05	7.94	6.7	2.64
897	8/5/2007 20:36	16.63	51.529	33.92	8.04	7.94	7.4	2.55
898	8/5/2007 20:51	16.9	51.528	33.92	8.05	7.95	7.4	2.45
899	8/5/2007 21:06	17.16	51.549	33.94	8.13	7.96	8.2	2.33
900	8/5/2007 21:21	17.32	51.509	33.91	8.14	7.96	7.5	2.24
901	8/5/2007 21:36	17.09	48.532	31.73	7.97	7.94	6.3	2.13
902	8/5/2007 21:51	17.3	51.56	33.95	7.93	7.95	7.3	2.02
903	8/5/2007 22:06	17.2	51.552	33.94	7.78	7.94	6.7	1.91
904	8/5/2007 22:21	17.26	51.554	33.94	7.69	7.94	7.2	1.80
905	8/5/2007 22:36	17.5	51.563	33.95	7.62	7.94	6.4	1.71
906	8/5/2007 22:51	17.49	51.554	33.94	7.57	7.93	5.4	1.59
907	8/5/2007 23:06	17.54	51.564	33.95	7.39	7.92	5.5	1.50
908	8/5/2007 23:21	17.67	51.591	33.97	7.37	7.92	4.9	1.41
909	8/5/2007 23:36	17.85	51.609	33.99	7.25	7.92	5.0	1.32
910	8/5/2007 23:51	17.9	51.615	33.99	7.17	7.92	4.9	1.27
911	8/6/2007 00:06	17.95	51.619	34	7.09	7.91	6.1	1.23

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	8/6/2007 00:21	18.1	51.634	34.01	7.11	7.92	4.2	1.18
913	8/6/2007 00:36	18.29	51.689	34.05	7.45	7.94	5.5	1.19
914	8/6/2007 00:51	18.28	51.399	33.84	7.28	7.94	21.8	1.20
915	8/6/2007 01:06	18.39	51.705	34.06	7.63	7.97	3.3	1.23
916	8/6/2007 01:21	18.35	51.679	34.04	7.74	7.97	7.5	1.26
917	8/6/2007 01:36	18.47	51.7	34.06	7.94	7.99	3.9	1.32
918	8/6/2007 01:51	18.47	51.698	34.06	7.97	8	11.0	1.38
919	8/6/2007 02:06	18.43	51.666	34.03	7.91	7.99	6.4	1.44
920	8/6/2007 02:21	18.58	51.425	33.86	7.49	7.96	20.5	1.50
921	8/6/2007 02:36	18.62	51.595	33.98	7.29	7.94	10.6	1.56
922	8/6/2007 02:51	18.54	51.603	33.99	7.47	7.96	8.5	1.64
923	8/6/2007 03:06	18.28	51.633	34.01	7.65	7.96	5.5	1.70
924	8/6/2007 03:21	18.2	50.654	33.29	7.66	7.96	5.7	1.75
925	8/6/2007 03:36	18.13	51.632	34.01	7.64	7.96	5.3	1.83
926	8/6/2007 03:51	18.06	51.628	34	7.64	7.96	5.2	1.90
927	8/6/2007 04:06	17.93	51.618	34	7.64	7.95	5.3	1.95
928	8/6/2007 04:21	17.72	51.598	33.98	7.54	7.94	5.7	2.02
929	8/6/2007 04:36	17.65	51.594	33.98	7.48	7.93	6.6	2.08
930	8/6/2007 04:51	17.5	51.578	33.96	7.4	7.92	5.7	2.15
931	8/6/2007 05:06	17.38	51.58	33.96	7.35	7.91	5.6	2.20
932	8/6/2007 05:21	17.26	51.564	33.95	7.33	7.91	5.1	2.24
933	8/6/2007 05:36	17.12	51.559	33.94	7.3	7.91	5.5	2.31
934	8/6/2007 05:51	16.98	51.541	33.93	7.28	7.9	5.6	2.36
935	8/6/2007 06:06	16.95	51.54	33.93	7.24	7.9	5.4	2.39
936	8/6/2007 06:21	16.81	51.511	33.91	7.23	7.9	5.0	2.43
937	8/6/2007 06:36	16.67	51.51	33.9	7.2	7.89	4.9	2.46
938	8/6/2007 06:51	16.61	51.519	33.91	7.15	7.89	4.9	2.48
939	8/6/2007 07:06	16.61	51.498	33.89	7.02	7.89	4.7	2.50
940	8/6/2007 07:21	16.68	51.55	33.93	7.03	7.88	5.6	2.51
941	8/6/2007 07:36	16.47	51.496	33.89	6.93	7.87	4.3	2.50
942	8/6/2007 07:51	16.46	51.49	33.88	6.96	7.88	4.8	2.50
943	8/6/2007 08:06	16.46	51.48	33.88	6.93	7.88	5.5	2.46
944	8/6/2007 08:21	16.6	51.507	33.9	6.95	7.88	4.8	2.40
945	8/6/2007 08:36	16.97	51.539	33.93	6.78	7.87	6.0	2.37
946	8/6/2007 08:51	17.11	51.562	33.95	6.58	7.86	5.7	2.32
947	8/6/2007 09:06	17.19	51.568	33.95	6.53	7.86	5.6	2.26
948	8/6/2007 09:21	17.25	51.583	33.96	6.33	7.84	5.2	2.20
949	8/6/2007 09:36	17.26	51.58	33.96	6.28	7.83	6.2	2.15
950	8/6/2007 09:51	17.31	51.587	33.97	6.2	7.83	4.5	2.10
951	8/6/2007 10:06	17.31	51.597	33.97	6.2	7.83	4.6	2.05
952	8/6/2007 10:21	17.45	51.603	33.98	6.36	7.84	5.2	2.01
953	8/6/2007 10:36	17.51	51.574	33.96	6.31	7.84	4.5	1.97
954	8/6/2007 10:51	17.64	51.606	33.98	6.53	7.85	4.3	1.94
955	8/6/2007 11:06	17.68	51.566	33.96	6.62	7.86	4.4	1.92
956	8/6/2007 11:21	17.77	51.601	33.98	6.62	7.87	3.6	1.91
957	8/6/2007 11:36	17.82	51.581	33.97	6.56	7.88	3.9	1.91
958	8/6/2007 11:51	17.87	51.603	33.98	6.72	7.89	4.0	1.91
959	8/6/2007 12:06	17.89	51.6	33.98	6.83	7.9	4.1	1.93

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
960	8/6/2007 12:21	17.83	51.59	33.97	6.79	7.89	4.3	1.95
961	8/6/2007 12:36	17.81	51.583	33.97	6.82	7.89	4.1	1.98
962	8/6/2007 12:51	17.76	51.582	33.97	6.82	7.89	4.8	2.02
963	8/6/2007 13:06	17.69	51.568	33.96	6.76	7.88	4.9	2.06
964	8/6/2007 13:21	17.56	51.554	33.95	6.73	7.87	5.3	2.12
965	8/6/2007 13:36	17.49	51.546	33.94	6.76	7.88	15.1	2.17
966	8/6/2007 13:51	17.36	51.53	33.93	6.83	7.88	5.1	2.23
967	8/6/2007 14:06	17.27	51.517	33.91	6.82	7.87	5.3	2.29
968	8/6/2007 14:21	17.17	51.509	33.91	6.79	7.87	5.7	2.35
969	8/6/2007 14:36	16.92	51.485	33.89	6.59	7.86	7.2	2.42
970	8/6/2007 14:51	16.5	51.464	33.87	6.61	7.85	6.3	2.48
971	8/6/2007 15:06	16.19	51.553	33.93	6.65	7.85	6.9	2.55
972	8/6/2007 15:21	15.88	51.661	34	6.67	7.84	6.9	2.62
973	8/6/2007 15:36	15.79	51.544	33.91	6.62	7.84	6.6	2.70
974	8/6/2007 15:51	15.56	51.638	33.98	6.58	7.84	6.3	2.77
975	8/6/2007 16:06	15.32	51.626	33.96	6.75	7.84	7.0	2.85
976	8/6/2007 16:21	14.88	51.628	33.95	7.04	7.85	8.4	2.93
977	8/6/2007 16:36	14.33	51.622	33.93	7.05	7.84	8.3	3.01
978	8/6/2007 16:51	14.04	51.543	33.87	7.03	7.84	6.9	3.08
979	8/6/2007 17:06	13.84	51.574	33.88	6.98	7.83	6.3	3.15
980	8/6/2007 17:21	13.43	51.495	33.81	7.01	7.83	5.6	3.21
981	8/6/2007 17:36	13.16	51.638	33.9	6.99	7.82	5.2	3.27
982	8/6/2007 17:51	13.01	51.637	33.9	6.98	7.82	4.7	3.32
983	8/6/2007 18:06	12.82	51.505	33.79	6.93	7.82	4.0	3.36
984	8/6/2007 18:21	12.67	51.466	33.76	6.9	7.81	4.0	3.39
985	8/6/2007 18:36	12.58	51.486	33.77	6.76	7.8	3.2	3.39
986	8/6/2007 18:51	12.64	51.741	33.96	6.8	7.8	3.9	3.38
987	8/6/2007 19:06	12.65	51.466	33.75	6.79	7.8	4.9	3.36
988	8/6/2007 19:21	12.71	51.52	33.8	6.76	7.8	3.9	3.33
989	8/6/2007 19:36	13.53	51.49	33.81	6.83	7.82	4.5	3.25
990	8/6/2007 19:51	14.71	51.487	33.84	6.8	7.84	6.2	3.18
991	8/6/2007 20:06	15.06	51.466	33.84	6.7	7.83	6.0	3.10
992	8/6/2007 20:21	15.26	51.509	33.87	6.95	7.86	6.6	3.02
993	8/6/2007 20:36	15.46	51.46	33.84	7	7.86	5.8	2.92
994	8/6/2007 20:51	15.64	51.533	33.9	7.09	7.87	5.6	2.82
995	8/6/2007 21:06	15.65	51.67	34	7.11	7.87	6.7	2.72
996	8/6/2007 21:21	15.97	51.529	33.91	7.08	7.87	5.6	2.63
997	8/6/2007 21:36	16.3	51.593	33.96	7.02	7.87	5.5	2.53
998	8/6/2007 21:51	16.53	51.723	34.06	7.07	7.88	6.7	2.41
999	8/6/2007 22:06	16.72	51.598	33.97	7.07	7.88	6.1	2.31
1000	8/6/2007 22:21	16.84	51.68	34.03	7	7.88	6.3	2.21
1001	8/6/2007 22:36	16.75	49.614	32.51	7.02	7.88	6.8	2.10
1002	8/6/2007 22:51	16.7	49.354	32.32	7.05	7.87	7.4	1.99
1003	8/6/2007 23:06	16.71	49.549	32.46	6.94	7.87	5.8	1.88
1004	8/6/2007 23:21	16.98	48.06	31.38	7	7.87	6.7	1.77
1005	8/6/2007 23:36	17.11	48.372	31.61	6.92	7.87	6.6	1.64
1006	8/6/2007 23:51	17.13	48.837	31.95	6.8	7.86	6.3	1.54
1007	8/7/2007 00:06	17.18	46.157	30	6.83	7.86	5.2	1.43

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	8/7/2007 00:21	17.31	45.641	29.63	6.83	7.86	5.6	1.32
1009	8/7/2007 00:36	17.36	47.032	30.64	6.63	7.85	5.7	1.25
1010	8/7/2007 00:51	17.5	48.16	31.46	6.59	7.86	4.7	1.17
1011	8/7/2007 01:06	17.61	46.329	30.13	6.78	7.87	4.1	1.12
1012	8/7/2007 01:21	17.8	45.494	29.53	6.88	7.89	4.6	1.09
1013	8/7/2007 01:36	17.83	44.671	28.93	6.92	7.89	4.1	1.06
1014	8/7/2007 01:51	17.93	46.001	29.89	6.86	7.89	3.6	1.07
1015	8/7/2007 02:06	17.98	45.775	29.73	7.23	7.92	3.4	1.08
1016	8/7/2007 02:21	18.08	43.096	27.8	7.55	7.94	3.3	1.11
1017	8/7/2007 02:36	17.97	44.547	28.84	7.41	7.93	3.4	1.15
1018	8/7/2007 02:51	18.07	44.276	28.65	7.72	7.95	3.3	1.22
1019	8/7/2007 03:06	18.06	44.917	29.11	7.77	7.95	3.6	1.26
1020	8/7/2007 03:21	18.02	44.63	28.9	7.71	7.95	3.9	1.32
1021	8/7/2007 03:36	18.09	44.665	28.93	7.38	7.92	6.6	1.39
1022	8/7/2007 03:51	18.1	43.333	27.97	7.28	7.91	6.8	1.44
1023	8/7/2007 04:06	18.07	43.604	28.17	7.25	7.91	6.8	1.52
1024	8/7/2007 04:21	18	43.94	28.41	7.43	7.92	5.9	1.58
1025	8/7/2007 04:36	17.83	44.036	28.48	7.4	7.92	5.6	1.65
1026	8/7/2007 04:51	17.75	44.238	28.62	7.36	7.91	5.1	1.72
1027	8/7/2007 05:06	17.69	44.291	28.66	7.31	7.91	5.1	1.79
1028	8/7/2007 05:21	17.64	43.729	28.25	7.33	7.91	5.1	1.87
1029	8/7/2007 05:36	17.43	43.189	27.87	7.25	7.9	5.6	1.93
1030	8/7/2007 05:51	17.33	43.427	28.04	7.13	7.89	5.5	2.00
1031	8/7/2007 06:06	17.23	44.257	28.63	7	7.88	5.6	2.06
1032	8/7/2007 06:21	17.12	44.017	28.46	6.91	7.86	5.8	2.13
1033	8/7/2007 06:36	17.01	43.836	28.33	6.87	7.86	5.8	2.18
1034	8/7/2007 06:51	16.97	43.571	28.14	6.83	7.85	5.9	2.23
1035	8/7/2007 07:06	16.89	44.518	28.82	6.76	7.85	5.9	2.29
1036	8/7/2007 07:21	16.73	44.409	28.74	6.71	7.84	5.3	2.33
1037	8/7/2007 07:36	16.63	44.367	28.71	6.66	7.84	5.5	2.38
1038	8/7/2007 07:51	16.42	44.165	28.56	6.63	7.84	5.8	2.42
1039	8/7/2007 08:06	16.31	43.324	27.95	6.6	7.83	5.7	2.45
1040	8/7/2007 08:21	16.21	43.682	28.21	6.55	7.83	4.9	2.49
1041	8/7/2007 08:36	16.14	43.54	28.11	6.49	7.82	4.7	2.50
1042	8/7/2007 08:51	16.17	43.352	27.97	6.47	7.81	4.7	2.51
1043	8/7/2007 09:06	16.11	43.054	27.76	6.35	7.81	4.5	2.52
1044	8/7/2007 09:21	16.02	43.577	28.13	6.3	7.81	5.5	2.51
1045	8/7/2007 09:36	15.99	43.755	28.26	6.35	7.81	5.0	2.48
1046	8/7/2007 09:51	16.07	43.769	28.27	6.32	7.81	5.0	2.46
1047	8/7/2007 10:06	16.25	43.383	28	6.38	7.82	4.7	2.43
1048	8/7/2007 10:21	16.53	43.527	28.1	6.44	7.82	5.2	2.37
1049	8/7/2007 10:36	16.75	43.458	28.05	6.45	7.83	6.0	2.33
1050	8/7/2007 10:51	16.76	43.217	27.88	6.5	7.83	5.2	2.29
1051	8/7/2007 11:06	16.81	43.538	28.11	6.52	7.83	5.2	2.25
1052	8/7/2007 11:21	16.92	43.315	27.95	6.53	7.83	5.5	2.19
1053	8/7/2007 11:36	17.01	43.477	28.07	6.54	7.83	5.0	2.16
1054	8/7/2007 11:51	17.08	43.258	27.91	6.53	7.83	5.0	2.14
1055	8/7/2007 12:06	17.11	43.477	28.07	6.47	7.83	4.2	2.11

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	8/7/2007 12:21	17.16	43.596	28.16	6.5	7.83	3.7	2.08
1057	8/7/2007 12:36	17.29	43.518	28.1	6.37	7.82	3.1	2.08
1058	8/7/2007 12:51	17.31	43.587	28.15	6.88	7.85	4.5	2.08
1059	8/7/2007 13:06	17.24	44.076	28.5	6.8	7.85	4.9	2.09
1060	8/7/2007 13:21	17.32	44.23	28.61	6.85	7.85	4.1	2.09
1061	8/7/2007 13:36	17.32	44.311	28.67	6.8	7.85	4.5	2.12
1062	8/7/2007 13:51	17.31	43.808	28.31	6.83	7.85	4.4	2.15
1063	8/7/2007 14:06	17.3	43.753	28.27	6.85	7.85	5.2	2.19
1064	8/7/2007 14:21	17.19	44.422	28.75	6.79	7.85	5.2	2.23
1065	8/7/2007 14:36	17.08	44.671	28.93	6.7	7.84	7.8	2.26
1066	8/7/2007 14:51	17.02	43.808	28.31	6.73	7.84	4.9	2.33
1067	8/7/2007 15:06	16.9	44.753	28.99	6.71	7.84	5.5	2.38
1068	8/7/2007 15:21	16.71	44.759	28.99	6.56	7.83	5.5	2.43
1069	8/7/2007 15:36	16.32	44.318	28.67	6.38	7.81	6.4	2.49
1070	8/7/2007 15:51	16.03	44.592	28.86	6.34	7.8	5.8	2.56
1071	8/7/2007 16:06	15.46	45.133	29.24	6.33	7.79	5.8	2.62
1072	8/7/2007 16:21	15.27	43.78	28.27	6.48	7.8	5.8	2.68
1073	8/7/2007 16:36	14.98	43.358	27.96	6.5	7.79	5.3	2.76
1074	8/7/2007 16:51	14.84	43.518	28.07	6.62	7.8	5.6	2.82
1075	8/7/2007 17:06	14.59	43.883	28.33	6.6	7.79	5.3	2.90
1076	8/7/2007 17:21	14.4	44.018	28.42	6.62	7.79	5.6	2.97
1077	8/7/2007 17:36	14.2	44.312	28.63	6.61	7.78	5.6	3.04
1078	8/7/2007 17:51	13.83	44.097	28.46	6.83	7.79	6.3	3.11
1079	8/7/2007 18:06	13.35	43.919	28.32	6.99	7.8	5.4	3.17
1080	8/7/2007 18:21	13.26	44.604	28.81	7.07	7.8	5.0	3.23
1081	8/7/2007 18:36	13.09	44.55	28.77	7.19	7.8	4.6	3.28
1082	8/7/2007 18:51	12.94	45.078	29.14	7.3	7.81	4.7	3.33
1083	8/7/2007 19:06	12.81	45.2	29.22	7.34	7.81	3.7	3.36
1084	8/7/2007 19:21	12.72	44.864	28.98	7.37	7.81	3.7	3.39
1085	8/7/2007 19:36	13.01	44.204	28.52	7.19	7.81	3.4	3.39
1086	8/7/2007 19:51	12.85	44.085	28.43	7.21	7.8	3.3	3.40
1087	8/7/2007 20:06	12.83	43.367	27.91	7.27	7.8	3.3	3.37
1088	8/7/2007 20:21	12.84	44.349	28.62	7.25	7.8	3.6	3.33
1089	8/7/2007 20:36	13.57	44.916	29.04	7.24	7.83	3.6	3.29
1090	8/7/2007 20:51	14.3	45.107	29.2	7.2	7.84	7.3	3.22
1091	8/7/2007 21:06	14.69	45.333	29.37	6.59	7.78	7.2	3.14
1092	8/7/2007 21:21	14.79	47.813	31.17	6.8	7.81	6.4	3.06
1093	8/7/2007 21:36	14.69	48.474	31.64	6.8	7.79	5.5	2.97
1094	8/7/2007 21:51	14.94	50.421	33.07	6.83	7.82	6.0	2.86
1095	8/7/2007 22:06	15.48	50.518	33.15	6.95	7.84	7.1	2.76
1096	8/7/2007 22:21	15.74	50.58	33.2	6.96	7.85	6.6	2.66
1097	8/7/2007 22:36	16.11	50.602	33.23	6.95	7.86	7.4	2.56
1098	8/7/2007 22:51	16.33	50.614	33.24	7.08	7.87	6.6	2.45
1099	8/7/2007 23:06	16.81	50.257	32.98	7.4	7.91	6.8	2.34
1100	8/7/2007 23:21	16.74	49.575	32.48	7.31	7.89	7.1	2.23
1101	8/7/2007 23:36	16.27	49.421	32.36	7.03	7.85	6.0	2.12
1102	8/7/2007 23:51	16.17	49.508	32.43	7.02	7.86	6.3	1.99
1103	8/8/2007 00:06	16.01	49.395	32.34	7.11	7.85	6.9	1.86

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	8/8/2007 00:21	16.28	49.542	32.45	7	7.86	6.4	1.75
1105	8/8/2007 00:36	16.4	49.367	32.33	6.94	7.85	7.5	1.63
1106	8/8/2007 00:51	16.55	49.609	32.51	6.92	7.85	6.9	1.50
1107	8/8/2007 01:06	16.79	50.006	32.8	6.92	7.85	6.3	1.38
1108	8/8/2007 01:21	16.84	49.84	32.68	6.78	7.84	5.8	1.27
1109	8/8/2007 01:36	17.17	49.835	32.68	6.77	7.86	5.8	1.17
1110	8/8/2007 01:51	17.3	49.738	32.61	6.81	7.86	5.1	1.08
1111	8/8/2007 02:06	17.49	49.954	32.77	6.88	7.88	4.9	1.01
1112	8/8/2007 02:21	17.63	49.625	32.53	6.93	7.89	4.5	0.97
1113	8/8/2007 02:36	17.78	49.084	32.13	7.04	7.9	4.4	0.95
1114	8/8/2007 02:51	17.84	49.546	32.47	6.99	7.9	4.5	0.93
1115	8/8/2007 03:06	17.83	49.388	32.36	7	7.91	7.0	0.96
1116	8/8/2007 03:21	18.14	49.28	32.28	7.56	7.97	4.1	0.99
1117	8/8/2007 03:36	18.11	49.433	32.39	7.64	7.97	3.9	1.02
1118	8/8/2007 03:51	18.1	49.874	32.71	7.73	7.98	3.8	1.07
1119	8/8/2007 04:06	18.11	49.385	32.36	7.84	7.99	4.0	1.14
1120	8/8/2007 04:21	18.07	49.439	32.4	7.85	7.99	3.9	1.19
1121	8/8/2007 04:36	18.03	49.694	32.58	7.75	7.98	4.3	1.24
1122	8/8/2007 04:51	18.17	48.711	31.86	7.59	7.96	6.5	1.31
1123	8/8/2007 05:06	18.1	48.575	31.76	7.54	7.95	5.8	1.39
1124	8/8/2007 05:21	18.09	48.936	32.03	7.51	7.95	6.3	1.46
1125	8/8/2007 05:36	17.96	49.643	32.54	7.54	7.95	6.2	1.52
1126	8/8/2007 05:51	17.81	49.746	32.62	7.44	7.94	5.5	1.60
1127	8/8/2007 06:06	17.73	49.872	32.71	7.41	7.94	5.4	1.69
1128	8/8/2007 06:21	17.66	49.84	32.69	7.44	7.94	6.1	1.77
1129	8/8/2007 06:36	17.44	49.78	32.64	7.3	7.92	6.6	1.84
1130	8/8/2007 06:51	17.2	49.47	32.41	7.11	7.89	7.2	1.91
1131	8/8/2007 07:06	17.03	49.53	32.45	6.95	7.87	6.9	2.00
1132	8/8/2007 07:21	16.96	49.578	32.49	6.86	7.86	7.1	2.07
1133	8/8/2007 07:36	16.86	49.774	32.63	6.82	7.86	6.8	2.13
1134	8/8/2007 07:51	16.78	49.806	32.65	6.8	7.85	6.4	2.20
1135	8/8/2007 08:06	16.69	49.78	32.63	6.79	7.85	7.5	2.26
1136	8/8/2007 08:21	16.55	49.717	32.59	6.77	7.85	6.9	2.33
1137	8/8/2007 08:36	16.33	49.609	32.5	6.73	7.84	6.7	2.38
1138	8/8/2007 08:51	16.14	49.617	32.51	6.7	7.83	6.6	2.42
1139	8/8/2007 09:06	15.95	49.111	32.13	6.73	7.83	6.4	2.47
1140	8/8/2007 09:21	15.73	49.078	32.1	6.75	7.83	5.6	2.52
1141	8/8/2007 09:36	15.63	49.071	32.1	6.75	7.82	5.3	2.55
1142	8/8/2007 09:51	15.55	49.023	32.06	6.74	7.82	5.3	2.58
1143	8/8/2007 10:06	15.44	49.113	32.13	6.65	7.82	4.4	2.60
1144	8/8/2007 10:21	15.22	49.631	32.5	6.65	7.81	3.9	2.62
1145	8/8/2007 10:36	15.36	49.784	32.61	6.54	7.8	4.5	2.62
1146	8/8/2007 10:51	15.26	49.496	32.4	6.52	7.81	5.1	2.58
1147	8/8/2007 11:06	15.37	49.472	32.39	6.56	7.81	4.5	2.56
1148	8/8/2007 11:21	15.58	49.467	32.39	6.59	7.81	5.2	2.54
1149	8/8/2007 11:36	15.83	49.385	32.33	6.64	7.83	5.6	2.49
1150	8/8/2007 11:51	16.12	49.534	32.44	6.87	7.84	5.6	2.43
1151	8/8/2007 12:06	16.39	49.526	32.44	7.01	7.85	5.8	2.38

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	8/8/2007 12:21	16.56	49.617	32.51	7.04	7.86	5.5	2.34
1153	8/8/2007 12:36	16.71	49.669	32.55	7.04	7.86	4.9	2.29
1154	8/8/2007 12:51	16.8	49.689	32.57	7.07	7.86	4.9	2.23
1155	8/8/2007 13:06	17.02	49.639	32.53	7.27	7.88	4.7	2.20
1156	8/8/2007 13:21	17.12	49.686	32.57	7.15	7.87	4.7	2.19
1157	8/8/2007 13:36	17.17	49.704	32.58	7.14	7.88	4.1	2.16
1158	8/8/2007 13:51	17.3	49.565	32.48	7.28	7.88	3.9	2.13
1159	8/8/2007 14:06	17.73	49.513	32.45	7.73	7.92	4.2	2.13
1160	8/8/2007 14:21	17.59	49.717	32.6	8.14	7.93	4.9	2.13
1161	8/8/2007 14:36	17.45	49.647	32.54	7.86	7.91	5.4	2.14
1162	8/8/2007 14:51	17.62	49.605	32.51	7.82	7.92	4.4	2.15
1163	8/8/2007 15:06	17.4	49.603	32.51	7.72	7.9	6.6	2.17
1164	8/8/2007 15:21	17.5	49.629	32.53	7.5	7.9	5.0	2.23
1165	8/8/2007 15:36	17.47	49.606	32.51	7.59	7.89	5.8	2.26
1166	8/8/2007 15:51	17.27	49.546	32.47	7.45	7.88	5.2	2.30
1167	8/8/2007 16:06	17.27	49.684	32.57	7.44	7.88	8.4	2.36
1168	8/8/2007 16:21	16.9	49.795	32.65	7.27	7.87	5.9	2.41
1169	8/8/2007 16:36	16.37	49.795	32.64	7.01	7.85	6.1	2.48
1170	8/8/2007 16:51	16.03	49.737	32.59	6.92	7.83	6.1	2.54
1171	8/8/2007 17:06	15.55	49.803	32.63	6.89	7.83	5.5	2.60
1172	8/8/2007 17:21	15.07	49.8	32.62	6.9	7.82	5.7	2.67
1173	8/8/2007 17:36	14.92	49.846	32.65	7	7.82	5.9	2.74
1174	8/8/2007 17:51	14.74	49.74	32.57	7.07	7.83	5.8	2.80
1175	8/8/2007 18:06	14.39	49.776	32.58	6.95	7.82	7.1	2.88
1176	8/8/2007 18:21	14.02	49.699	32.52	6.86	7.81	5.6	2.96
1177	8/8/2007 18:36	13.67	49.723	32.52	6.93	7.81	5.4	3.02
1178	8/8/2007 18:51	13.59	49.687	32.49	7.22	7.82	5.6	3.10
1179	8/8/2007 19:06	13.49	49.572	32.41	7.59	7.85	5.3	3.15
1180	8/8/2007 19:21	13.28	49.733	32.52	7.81	7.86	5.3	3.22
1181	8/8/2007 19:36	13.07	49.708	32.49	7.88	7.86	5.5	3.28
1182	8/8/2007 19:51	12.79	49.815	32.56	8	7.87	5.2	3.32
1183	8/8/2007 20:06	12.67	49.785	32.53	8.04	7.87	3.9	3.36
1184	8/8/2007 20:21	12.59	49.544	32.35	8.04	7.87	5.2	3.40
1185	8/8/2007 20:36	12.57	49.537	32.34	7.94	7.87	2.8	3.42
1186	8/8/2007 20:51	12.78	49.694	32.47	7.84	7.86	3.9	3.42
1187	8/8/2007 21:06	12.65	49.524	32.34	7.79	7.86	4.1	3.41
1188	8/8/2007 21:21	12.62	49.584	32.38	7.89	7.87	3.3	3.38
1189	8/8/2007 21:36	12.76	48.88	31.88	7.83	7.86	2.5	3.34
1190	8/8/2007 21:51	13.11	49.518	32.35	7.73	7.86	3.6	3.27
1191	8/8/2007 22:06	15.01	49.075	32.09	7.14	7.84	5.5	3.19
1192	8/8/2007 22:21	15.12	49.083	32.1	7.55	7.89	6.0	3.12
1193	8/8/2007 22:36	14.88	49.177	32.16	7.9	7.9	5.2	3.03
1194	8/8/2007 22:51	15.15	49.071	32.09	7.69	7.88	5.2	2.92
1195	8/8/2007 23:06	15.12	48.927	31.98	7.65	7.88	4.6	2.82
1196	8/8/2007 23:21	15.44	49.089	32.11	7.56	7.87	5.6	2.71
1197	8/8/2007 23:36	15.73	49.019	32.06	7.57	7.88	5.0	2.60
1198	8/8/2007 23:51	16.07	49.164	32.17	7.58	7.88	4.8	2.49
1199	8/9/2007 00:06	16.34	49.268	32.25	7.51	7.88	5.8	2.37

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	8/9/2007 00:21	16.58	49.334	32.31	7.48	7.88	7.7	2.25
1201	8/9/2007 00:36	16.66	49.138	32.16	7.68	7.9	6.9	2.13
1202	8/9/2007 00:51	16.99	48.271	31.53	7.99	7.94	6.9	2.00
1203	8/9/2007 01:06	16.99	48.027	31.36	8.01	7.95	7.2	1.85
1204	8/9/2007 01:21	17.06	48.421	31.64	7.99	7.94	8.1	1.74
1205	8/9/2007 01:36	17.12	48.47	31.68	7.84	7.93	7.5	1.60
1206	8/9/2007 01:51	17.33	48.426	31.65	7.75	7.93	6.9	1.48
1207	8/9/2007 02:06	17.45	44.366	28.71	7.81	7.92	7.0	1.35
1208	8/9/2007 02:21	17.65	46.439	30.21	7.72	7.92	6.6	1.21
1209	8/9/2007 02:36	17.86	44.719	28.97	7.85	7.93	6.1	1.11
1210	8/9/2007 02:51	18.03	44.841	29.06	7.84	7.94	6.0	1.02
1211	8/9/2007 03:06	18.25	44.538	28.84	8.03	7.96	5.3	0.93
1212	8/9/2007 03:21	18.6	45.532	29.56	8.32	7.99	5.2	0.86
1213	8/9/2007 03:36	18.82	45.259	29.36	8.42	8	5.1	0.84
1214	8/9/2007 03:51	18.73	44.689	28.95	8.42	7.98	11.3	0.83
1215	8/9/2007 04:06	18.7	44.766	29	8.41	8	4.5	0.83
1216	8/9/2007 04:21	19.04	45.153	29.28	9.06	8.05	5.2	0.86
1217	8/9/2007 04:36	19.02	45.294	29.38	9.26	8.06	4.3	0.92
1218	8/9/2007 04:51	18.87	43.491	28.09	9.38	8.06	3.9	0.98
1219	8/9/2007 05:06	18.88	44.306	28.67	9.52	8.08	4.4	1.03
1220	8/9/2007 05:21	18.82	44.183	28.58	9.4	8.07	4.5	1.10
1221	8/9/2007 05:36	18.99	45.222	29.33	8.99	8.04	6.6	1.17
1222	8/9/2007 05:51	19.03	45.287	29.38	8.82	8.03	6.7	1.24
1223	8/9/2007 06:06	18.99	45.485	29.52	8.67	8.02	6.4	1.31
1224	8/9/2007 06:21	18.93	45.494	29.53	8.6	8.01	6.6	1.38
1225	8/9/2007 06:36	18.72	45.323	29.4	8.69	8.01	6.3	1.47
1226	8/9/2007 06:51	18.52	45.509	29.54	8.61	8.01	6.3	1.56
1227	8/9/2007 07:06	18.38	45.462	29.5	8.57	8	6.6	1.63
1228	8/9/2007 07:21	18.13	45.466	29.51	8.52	7.99	7.4	1.73
1229	8/9/2007 07:36	17.91	45.302	29.39	8.31	7.97	7.3	1.82
1230	8/9/2007 07:51	17.66	44.029	28.47	8	7.94	8.1	1.92
1231	8/9/2007 08:06	17.52	45.316	29.4	7.8	7.92	7.5	1.99
1232	8/9/2007 08:21	17.36	45.781	29.73	7.7	7.91	7.4	2.07
1233	8/9/2007 08:36	17.22	45.375	29.44	7.69	7.91	7.0	2.16
1234	8/9/2007 08:51	17.12	45.16	29.28	7.67	7.91	7.7	2.25
1235	8/9/2007 09:06	16.88	45.01	29.17	7.6	7.89	8.0	2.31
1236	8/9/2007 09:21	16.57	45.146	29.27	7.5	7.88	7.3	2.38
1237	8/9/2007 09:36	16.25	44.998	29.16	7.49	7.88	7.4	2.45
1238	8/9/2007 09:51	16.03	44.908	29.09	7.48	7.87	7.7	2.51
1239	8/9/2007 10:06	15.77	44.783	29	7.44	7.87	7.5	2.56
1240	8/9/2007 10:21	15.42	44.947	29.11	7.44	7.86	6.8	2.62
1241	8/9/2007 10:36	15.01	45.069	29.19	7.43	7.86	5.6	2.66
1242	8/9/2007 10:51	14.75	44.535	28.8	7.44	7.85	5.9	2.70
1243	8/9/2007 11:06	14.61	45.182	29.26	7.39	7.85	7.2	2.73
1244	8/9/2007 11:21	14.77	45.062	29.18	7.4	7.85	6.2	2.72
1245	8/9/2007 11:36	14.51	45.064	29.17	7.12	7.83	4.7	2.74
1246	8/9/2007 11:51	14.51	45.088	29.19	7.17	7.84	5.0	2.72
1247	8/9/2007 12:06	14.56	45.107	29.21	7.23	7.84	4.4	2.68

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1248	8/9/2007 12:21	14.86	45.167	29.26	7.28	7.85	5.0	2.63
1249	8/9/2007 12:36	15.38	45.28	29.35	7.38	7.86	5.8	2.58
1250	8/9/2007 12:51	16.04	45.381	29.43	7.57	7.88	6.0	2.53
1251	8/9/2007 13:06	16.3	45.29	29.37	7.66	7.89	5.7	2.46
1252	8/9/2007 13:21	16.5	45.142	29.26	7.74	7.9	6.7	2.40
1253	8/9/2007 13:36	16.59	45.439	29.48	7.81	7.9	5.2	2.35
1254	8/9/2007 13:51	16.85	45.016	29.18	7.96	7.91	10.2	2.29
1255	8/9/2007 14:06	17.05	45.066	29.21	8.11	7.93	4.8	2.25
1256	8/9/2007 14:21	17.17	44.835	29.05	8.1	7.93	5.3	2.21
1257	8/9/2007 14:36	17.29	45.308	29.39	8.26	7.94	5.0	2.17
1258	8/9/2007 14:51	17.39	45.517	29.54	8.48	7.95	4.1	2.14
1259	8/9/2007 15:06	17.5	45.327	29.4	8.3	7.94	4.1	2.12
1260	8/9/2007 15:21	17.66	44.907	29.1	8.37	7.95	4.2	2.11
1261	8/9/2007 15:36	17.65	44.806	29.03	8.9	7.99	4.4	2.10
1262	8/9/2007 15:51	17.67	44.677	28.94	8.89	7.97	5.0	2.11
1263	8/9/2007 16:06	17.66	44.946	29.13	8.37	7.95	4.3	2.14
1264	8/9/2007 16:21	17.69	44.953	29.14	8.37	7.95	4.5	2.15
1265	8/9/2007 16:36	17.69	45.146	29.27	8.32	7.95	4.7	2.18
1266	8/9/2007 16:51	17.63	44.976	29.15	8.25	7.94	4.8	2.25
1267	8/9/2007 17:06	17.39	44.657	28.92	8.09	7.92	6.2	2.29
1268	8/9/2007 17:21	17.36	44.628	28.9	8.08	7.92	5.8	2.35
1269	8/9/2007 17:36	17.22	45.1	29.24	8.12	7.92	6.1	2.40
1270	8/9/2007 17:51	16.95	45.04	29.19	8.02	7.92	5.8	2.47
1271	8/9/2007 18:06	16.38	45.207	29.31	7.73	7.89	6.3	2.55
1272	8/9/2007 18:21	15.94	45.219	29.31	7.62	7.88	6.9	2.60
1273	8/9/2007 18:36	15.59	45.1	29.22	7.57	7.87	6.3	2.69
1274	8/9/2007 18:51	15.07	45.525	29.52	7.59	7.86	6.2	2.76
1275	8/9/2007 19:06	14.83	44.424	28.72	7.58	7.86	5.9	2.83
1276	8/9/2007 19:21	14.43	45.166	29.25	7.46	7.85	6.4	2.91
1277	8/9/2007 19:36	14.17	45.275	29.32	7.43	7.85	6.6	2.98
1278	8/9/2007 19:51	13.79	45.53	29.49	7.34	7.83	7.0	3.07
1279	8/9/2007 20:06	13.62	45.422	29.41	7.08	7.82	7.2	3.13
1280	8/9/2007 20:21	13.34	45.23	29.26	6.91	7.8	6.4	3.20
1281	8/9/2007 20:36	13.23	45.85	29.7	7.07	7.81	6.3	3.26
1282	8/9/2007 20:51	13	45.115	29.17	7.23	7.81	5.6	3.33
1283	8/9/2007 21:06	12.79	45.452	29.4	7.23	7.81	4.7	3.38
1284	8/9/2007 21:21	12.69	45.343	29.32	7.21	7.81	4.9	3.41
1285	8/9/2007 21:36	12.63	46.772	30.35	7.21	7.81	4.2	3.45
1286	8/9/2007 21:51	13.09	46.678	30.3	7.15	7.81	4.0	3.46
1287	8/9/2007 22:06	12.72	46.458	30.12	7.08	7.8	3.2	3.45
1288	8/9/2007 22:21	12.68	50.875	33.32	6.95	7.81	3.1	3.42
1289	8/9/2007 22:36	12.7	50.866	33.32	6.92	7.8	3.2	3.38
1290	8/9/2007 22:51	13.28	50.543	33.11	6.84	7.8	5.8	3.32
1291	8/9/2007 23:06	13.85	50.487	33.09	6.77	7.79	6.2	3.23
1292	8/9/2007 23:21	13.52	50.54	33.11	6.74	7.78	6.7	3.15
1293	8/9/2007 23:36	13.8	50.346	32.98	6.89	7.79	7.0	3.04
1294	8/9/2007 23:51	14.34	50.572	33.16	6.97	7.82	7.4	2.93
1295	8/10/2007 00:06	14.93	50.559	33.17	7.21	7.86	8.1	2.82

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	8/10/2007 00:21	15.6	49.526	32.43	7.55	7.9	7.4	2.71
1297	8/10/2007 00:36	15.93	49.44	32.37	7.58	7.91	7.5	2.58
1298	8/10/2007 00:51	16.26	48.65	31.8	7.79	7.93	7.1	2.46
1299	8/10/2007 01:06	16.79	48.519	31.71	7.99	7.96	8.0	2.33
1300	8/10/2007 01:21	16.63	48.799	31.92	7.67	7.93	8.3	2.22
1301	8/10/2007 01:36	16.62	48.566	31.75	7.8	7.95	8.3	2.08
1302	8/10/2007 01:51	16.51	48.576	31.75	7.83	7.95	7.8	1.94
1303	8/10/2007 02:06	16.53	48.683	31.83	7.78	7.95	8.5	1.81
1304	8/10/2007 02:21	16.76	48.703	31.85	7.71	7.96	9.4	1.67
1305	8/10/2007 02:36	16.89	48.608	31.78	7.61	7.96	8.6	1.53
1306	8/10/2007 02:51	16.98	48.777	31.9	7.52	7.94	8.1	1.38
1307	8/10/2007 03:06	17.15	48.752	31.89	7.46	7.94	8.1	1.23
1308	8/10/2007 03:21	17.35	48.822	31.94	7.41	7.94	7.5	1.12
1309	8/10/2007 03:36	17.58	49.262	32.26	7.43	7.95	7.4	0.99
1310	8/10/2007 03:51	17.65	49.243	32.25	7.43	7.95	7.0	0.87
1311	8/10/2007 04:06	17.73	49.27	32.27	7.36	7.96	6.2	0.80
1312	8/10/2007 04:21	17.86	49.414	32.38	7.35	7.97	6.0	0.74
1313	8/10/2007 04:36	17.97	49.416	32.38	7.5	7.98	4.8	0.71
1314	8/10/2007 04:51	17.68	48.876	31.98	7.37	7.97	6.6	0.71
1315	8/10/2007 05:06	18.1	49.411	32.38	7.7	8.02	5.0	0.74
1316	8/10/2007 05:21	18.13	49.454	32.41	7.81	8.03	5.0	0.81
1317	8/10/2007 05:36	18.07	49.27	32.27	7.85	8.02	7.8	0.85
1318	8/10/2007 05:51	18.23	49.276	32.28	8.09	8.05	6.7	0.93
1319	8/10/2007 06:06	18.18	48.889	31.99	8.11	8.05	6.5	0.99
1320	8/10/2007 06:21	18.14	48.912	32.01	8.04	8.04	6.7	1.06
1321	8/10/2007 06:36	18.43	48.326	31.58	7.68	8.02	11.3	1.13
1322	8/10/2007 06:51	18.41	48.765	31.9	7.62	8.02	10.6	1.19
1323	8/10/2007 07:06	18.34	48.684	31.84	7.69	8.02	9.6	1.29
1324	8/10/2007 07:21	18.25	48.743	31.89	7.81	8.02	8.9	1.36
1325	8/10/2007 07:36	18.03	48.622	31.8	7.8	8.01	8.2	1.45
1326	8/10/2007 07:51	17.91	48.669	31.83	7.77	8	9.1	1.55
1327	8/10/2007 08:06	17.79	48.624	31.8	7.81	8	8.9	1.65
1328	8/10/2007 08:21	17.52	48.552	31.74	7.73	7.98	9.2	1.75
1329	8/10/2007 08:36	17.31	48.456	31.67	7.59	7.95	9.9	1.84
1330	8/10/2007 08:51	17.2	48.52	31.72	7.53	7.94	8.8	1.95
1331	8/10/2007 09:06	17.02	48.36	31.6	7.5	7.93	9.7	2.05
1332	8/10/2007 09:21	16.97	48.288	31.55	7.49	7.93	9.3	2.13
1333	8/10/2007 09:36	16.69	48.429	31.65	7.47	7.92	9.1	2.22
1334	8/10/2007 09:51	16.55	48.277	31.53	7.42	7.91	9.6	2.30
1335	8/10/2007 10:06	16.4	48.375	31.6	7.37	7.9	11.0	2.38
1336	8/10/2007 10:21	16.01	48.283	31.53	7.35	7.89	11.7	2.44
1337	8/10/2007 10:36	15.77	48.273	31.52	7.3	7.88	10.7	2.51
1338	8/10/2007 10:51	15.43	48.338	31.56	7.14	7.86	9.2	2.58
1339	8/10/2007 11:06	14.97	48.347	31.56	7.03	7.85	9.6	2.63
1340	8/10/2007 11:21	14.7	48.29	31.51	6.96	7.84	8.2	2.68
1341	8/10/2007 11:36	14.53	48.352	31.55	6.93	7.83	6.3	2.72
Mean		16.79	50.32	33.03	7.12	7.90	7.7	2.21
Standard Dev.		1.83	2.27	1.65	0.99	0.08	3.2	0.70

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #4

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

Values in bold red type indicate exceedance of established applicable criteria

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	8/10/2007 12:01	14.39	51.157	33.59	7.33	7.87	5.7	2.81
1	8/10/2007 12:16	14.7	51.12	33.57	7.02	7.89	3.9	2.82
2	8/10/2007 12:31	14.45	51.082	33.54	6.65	7.87	4.0	2.79
3	8/10/2007 12:46	14.48	51.343	33.73	6.47	7.87	4.1	2.78
4	8/10/2007 13:01	14.61	51.081	33.54	6.41	7.87	4.9	2.73
5	8/10/2007 13:16	14.92	51.302	33.71	6.61	7.9	5.8	2.66
6	8/10/2007 13:31	15.7	51.131	33.61	6.96	7.94	7.3	2.59
7	8/10/2007 13:46	16.07	51.363	33.78	7.26	7.97	8.4	2.53
8	8/10/2007 14:01	16.32	51.432	33.84	7.45	7.99	7.4	2.45
9	8/10/2007 14:16	16.68	51.353	33.79	7.81	8.02	6.8	2.38
10	8/10/2007 14:31	17.01	51.302	33.75	8.05	8.04	6.8	2.32
11	8/10/2007 14:46	17.16	51.024	33.55	8.14	8.04	5.6	2.26
12	8/10/2007 15:01	17.52	51.362	33.8	8.44	8.07	5.3	2.20
13	8/10/2007 15:16	17.78	51.188	33.68	8.53	8.08	5.4	2.14
14	8/10/2007 15:31	17.93	51.083	33.6	8.78	8.1	4.5	2.10
15	8/10/2007 15:46	18.09	51.139	33.64	9.07	8.12	4.6	2.06
16	8/10/2007 16:01	18.16	51.433	33.86	9.2	8.12	3.4	2.04
17	8/10/2007 16:16	18.34	51.369	33.81	9.57	8.15	3.4	2.01
18	8/10/2007 16:31	18.56	51.431	33.86	9.61	8.16	2.5	2.00
19	8/10/2007 16:46	18.43	51.182	33.68	9.72	8.14	4.5	2.00
20	8/10/2007 17:01	18.3	51.2	33.69	9.58	8.14	4.2	2.02
21	8/10/2007 17:16	18.22	51.244	33.72	9.32	8.13	5.0	2.05
22	8/10/2007 17:31	18.26	51.25	33.73	9.13	8.12	4.7	2.06
23	8/10/2007 17:46	18.31	51.494	33.91	9.14	8.12	4.5	2.14
24	8/10/2007 18:01	18.09	51.489	33.9	8.81	8.1	6.8	2.19
25	8/10/2007 18:16	18.33	51.355	33.8	8.74	8.09	6.6	2.25
26	8/10/2007 18:31	18.39	51.365	33.81	8.62	8.09	6.5	2.32
27	8/10/2007 18:46	17.83	51.452	33.87	8.36	8.06	6.7	2.39
28	8/10/2007 19:01	17.2	51.165	33.65	7.85	8.02	6.8	2.47
29	8/10/2007 19:16	16.68	51.289	33.74	7.5	7.99	5.8	2.53
30	8/10/2007 19:31	16.15	51.367	33.79	7.23	7.96	7.9	2.61
31	8/10/2007 19:46	15.55	51.396	33.8	6.98	7.94	7.0	2.70
32	8/10/2007 20:01	15.36	51.461	33.84	6.9	7.93	6.2	2.78
33	8/10/2007 20:16	14.9	51.522	33.88	6.74	7.92	9.2	2.86
34	8/10/2007 20:31	14.23	51.468	33.82	6.69	7.9	9.7	2.95
35	8/10/2007 20:46	13.81	51.496	33.82	6.64	7.89	8.6	3.04
36	8/10/2007 21:01	13.43	51.363	33.71	6.63	7.88	8.4	3.12
37	8/10/2007 21:16	13.18	51.354	33.7	6.69	7.88	7.9	3.21
38	8/10/2007 21:31	12.93	51.237	33.6	6.84	7.89	6.6	3.28
39	8/10/2007 21:46	12.85	51.443	33.75	6.91	7.9	5.5	3.35
40	8/10/2007 22:01	12.69	51.459	33.75	7.16	7.91	4.2	3.41
41	8/10/2007 22:16	12.58	51.429	33.72	7.34	7.92	3.9	3.45
42	8/10/2007 22:31	12.53	51.51	33.78	7.5	7.94	3.1	3.49
43	8/10/2007 22:46	12.54	51.405	33.71	7.42	7.93	2.1	3.51
44	8/10/2007 23:01	12.86	51.588	33.85	7.11	7.92	2.1	3.51
45	8/10/2007 23:16	12.68	51.417	33.72	7.21	7.92	1.9	3.49
46	8/10/2007 23:31	12.56	51.678	33.91	7.36	7.93	3.1	3.45
47	8/10/2007 23:46	12.63	51.492	33.77	7.3	7.93	3.5	3.37

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
48	8/11/2007 00:01	13.88	51.542	33.86	6.79	7.91	5.1	3.29
49	8/11/2007 00:16	14.07	51.469	33.81	6.64	7.9	5.9	3.19
50	8/11/2007 00:31	14.25	51.428	33.79	6.71	7.91	6.8	3.09
51	8/11/2007 00:46	14.42	51.458	33.82	7.04	7.95	7.6	2.97
52	8/11/2007 01:01	14.94	51.622	33.95	7.05	7.95	6.3	2.84
53	8/11/2007 01:16	15.23	51.53	33.89	7.09	7.96	5.2	2.73
54	8/11/2007 01:31	15.72	51.595	33.95	7.08	7.96	5.6	2.61
55	8/11/2007 01:46	16.27	51.666	34.01	7.17	7.99	5.3	2.47
56	8/11/2007 02:01	16.47	51.544	33.92	7.24	7.99	6.7	2.34
57	8/11/2007 02:16	16.63	51.439	33.85	7.49	8.01	7.8	2.21
58	8/11/2007 02:31	16.78	51.516	33.91	7.74	8.05	7.2	2.07
59	8/11/2007 02:46	16.8	51.676	34.03	7.68	8.04	6.7	1.92
60	8/11/2007 03:01	16.89	51.767	34.09	7.71	8.05	7.3	1.78
61	8/11/2007 03:16	16.94	51.404	33.83	7.51	8.03	7.3	1.65
62	8/11/2007 03:31	17.08	51.552	33.94	7.49	8.03	7.0	1.50
63	8/11/2007 03:46	17.27	51.576	33.96	7.5	8.04	7.0	1.35
64	8/11/2007 04:01	17.37	51.733	34.08	7.44	8.02	9.8	1.20
65	8/11/2007 04:16	17.72	51.658	34.02	7.64	8.05	5.5	1.07
66	8/11/2007 04:31	17.86	51.486	33.9	7.66	8.06	5.1	0.95
67	8/11/2007 04:46	18.09	51.669	34.03	7.75	8.07	5.1	0.84
68	8/11/2007 05:01	18.29	51.762	34.1	7.82	8.09	4.5	0.76
69	8/11/2007 05:16	18.23	51.652	34.02	7.67	8.08	4.6	0.70
70	8/11/2007 05:31	18.46	51.593	33.98	7.73	8.1	2.9	0.68
71	8/11/2007 05:46	18.41	51.976	34.26	8.15	8.12	4.4	0.70
72	8/11/2007 06:01	18.61	51.827	34.15	8.43	8.15	3.4	0.74
73	8/11/2007 06:16	18.59	52.092	34.35	8.43	8.15	3.2	0.82
74	8/11/2007 06:31	18.68	51.799	34.13	8.75	8.17	3.8	0.88
75	8/11/2007 06:46	18.66	51.737	34.09	8.85	8.18	3.8	0.95
76	8/11/2007 07:01	18.58	51.908	34.21	8.75	8.17	4.3	1.03
77	8/11/2007 07:16	18.94	51.701	34.06	8.27	8.14	8.2	1.10
78	8/11/2007 07:31	18.92	51.957	34.25	8.16	8.14	7.1	1.18
79	8/11/2007 07:46	18.89	51.646	34.02	8.17	8.13	7.8	1.26
80	8/11/2007 08:01	18.71	51.823	34.15	8.22	8.13	6.8	1.35
81	8/11/2007 08:16	18.45	52.01	34.29	8.19	8.12	6.4	1.45
82	8/11/2007 08:31	18.3	51.745	34.09	8.14	8.11	6.9	1.54
83	8/11/2007 08:46	18.14	51.853	34.17	8.13	8.11	6.6	1.65
84	8/11/2007 09:01	17.85	51.935	34.23	7.92	8.08	7.4	1.76
85	8/11/2007 09:16	17.71	51.68	34.04	7.81	8.07	7.2	1.86
86	8/11/2007 09:31	17.66	51.906	34.21	7.74	8.06	7.3	1.97
87	8/11/2007 09:46	17.59	51.927	34.22	7.68	8.05	9.1	2.07
88	8/11/2007 10:01	17.39	51.698	34.05	7.59	8.04	8.7	2.17
89	8/11/2007 10:16	17.17	51.869	34.17	7.49	8.03	9.7	2.26
90	8/11/2007 10:31	16.85	51.86	34.16	7.34	8.01	10.1	2.34
91	8/11/2007 10:46	16.53	51.878	34.17	7.22	7.99	12.0	2.43
92	8/11/2007 11:01	16.1	51.715	34.04	7.08	7.97	12.1	2.51
93	8/11/2007 11:16	15.63	51.846	34.13	6.95	7.95	10.8	2.59
94	8/11/2007 11:31	15.19	51.548	33.9	6.81	7.93	10.3	2.65
95	8/11/2007 11:46	14.79	51.86	34.12	6.62	7.92	9.9	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
96	8/11/2007 12:01	14.54	51.71	34	6.6	7.91	8.1	2.78
97	8/11/2007 12:16	14.38	51.791	34.06	6.65	7.91	7.6	2.82
98	8/11/2007 12:31	14.41	51.805	34.07	6.65	7.91	4.8	2.86
99	8/11/2007 12:46	14.29	51.778	34.05	6.57	7.91	5.7	2.88
100	8/11/2007 13:01	14.66	51.734	34.02	6.53	7.91	4.0	2.90
101	8/11/2007 13:16	14.4	51.842	34.1	6.58	7.91	3.5	2.87
102	8/11/2007 13:31	14.31	51.74	34.02	6.63	7.91	4.5	2.82
103	8/11/2007 13:46	14.49	51.828	34.09	6.69	7.92	5.9	2.78
104	8/11/2007 14:01	14.86	51.814	34.09	6.78	7.93	6.2	2.71
105	8/11/2007 14:16	15.46	51.784	34.08	7.06	7.96	8.1	2.64
106	8/11/2007 14:31	15.91	51.921	34.19	7.35	7.99	7.1	2.55
107	8/11/2007 14:46	16.31	52.009	34.26	7.57	8.02	7.5	2.46
108	8/11/2007 15:01	16.73	51.681	34.03	7.85	8.03	6.6	2.40
109	8/11/2007 15:16	17	51.967	34.24	8.04	8.04	6.5	2.30
110	8/11/2007 15:31	17.31	51.731	34.07	8.2	8.06	5.2	2.24
111	8/11/2007 15:46	17.55	51.897	34.2	8.57	8.09	5.6	2.17
112	8/11/2007 16:01	17.63	51.783	34.11	9.05	8.11	5.2	2.11
113	8/11/2007 16:16	17.67	51.883	34.19	9.25	8.12	4.0	2.06
114	8/11/2007 16:31	17.77	51.943	34.23	9.35	8.13	4.2	1.99
115	8/11/2007 16:46	17.73	51.793	34.12	10.06	8.16	3.6	1.96
116	8/11/2007 17:01	18.01	51.846	34.16	9.82	8.16	3.9	1.92
117	8/11/2007 17:16	18.26	51.911	34.21	9.65	8.16	3.2	1.89
118	8/11/2007 17:31	18.46	51.962	34.25	9.14	8.15	1.9	1.89
119	8/11/2007 17:46	18.19	51.966	34.25	9.68	8.16	3.7	1.90
120	8/11/2007 18:01	18.37	52.032	34.3	9.54	8.16	2.9	1.92
121	8/11/2007 18:16	18.29	51.976	34.26	9.43	8.15	4.0	1.96
122	8/11/2007 18:31	18.35	52.059	34.32	9.14	8.14	4.2	2.01
123	8/11/2007 18:46	18.27	51.829	34.15	9.01	8.13	5.4	2.07
124	8/11/2007 19:01	18.17	51.996	34.28	8.68	8.11	5.6	2.15
125	8/11/2007 19:16	18.29	52.034	34.3	8.55	8.1	8.7	2.22
126	8/11/2007 19:31	17.78	52.031	34.3	8.29	8.07	6.2	2.29
127	8/11/2007 19:46	17.47	52.002	34.27	8.08	8.05	6.1	2.37
128	8/11/2007 20:01	17.08	52.022	34.29	7.82	8.03	7.0	2.44
129	8/11/2007 20:16	16.19	51.862	34.15	7.29	7.98	7.2	2.53
130	8/11/2007 20:31	15.96	51.867	34.15	7.16	7.96	6.9	2.61
131	8/11/2007 20:46	15.75	51.968	34.22	7.1	7.96	6.7	2.70
132	8/11/2007 21:01	15.34	51.888	34.16	7.04	7.95	8.6	2.79
133	8/11/2007 21:16	14.7	51.721	34.02	6.94	7.93	9.3	2.88
134	8/11/2007 21:31	14.31	51.843	34.09	6.98	7.93	8.6	2.97
135	8/11/2007 21:46	13.86	51.836	34.07	7.04	7.92	10.4	3.06
136	8/11/2007 22:01	13.34	51.873	34.08	7.1	7.92	7.3	3.15
137	8/11/2007 22:16	13.05	51.837	34.04	7.18	7.92	6.9	3.23
138	8/11/2007 22:31	12.7	51.886	34.06	7.41	7.93	5.7	3.30
139	8/11/2007 22:46	12.56	51.947	34.1	7.55	7.94	5.0	3.37
140	8/11/2007 23:01	12.45	51.916	34.08	7.66	7.95	3.7	3.44
141	8/11/2007 23:16	12.41	51.954	34.1	7.71	7.95	3.4	3.47
142	8/11/2007 23:31	12.39	51.832	34.01	7.73	7.95	4.2	3.50
143	8/11/2007 23:46	12.84	51.799	34.01	7.42	7.94	3.2	3.51

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
144	8/12/2007 00:01	12.6	52.077	34.2	7.48	7.94	2.3	3.50
145	8/12/2007 00:16	12.35	52.033	34.16	7.64	7.95	2.4	3.45
146	8/12/2007 00:31	12.47	51.972	34.12	7.58	7.94	3.6	3.38
147	8/12/2007 00:46	14.3	51.941	34.17	6.79	7.92	6.4	3.31
148	8/12/2007 01:01	14.19	51.919	34.15	6.67	7.91	5.1	3.21
149	8/12/2007 01:16	14.07	51.875	34.11	6.97	7.93	7.5	3.09
150	8/12/2007 01:31	14.52	51.814	34.08	6.97	7.94	7.1	2.97
151	8/12/2007 01:46	14.71	51.969	34.2	6.99	7.95	4.5	2.85
152	8/12/2007 02:01	15.12	52.025	34.25	6.98	7.95	5.1	2.73
153	8/12/2007 02:16	15.67	51.96	34.22	6.9	7.96	4.9	2.60
154	8/12/2007 02:31	15.99	51.909	34.18	6.98	7.97	6.7	2.47
155	8/12/2007 02:46	16.35	51.956	34.23	7.13	7.99	7.1	2.35
156	8/12/2007 03:01	16.29	51.972	34.24	7.23	8	7.5	2.20
157	8/12/2007 03:16	16.22	51.943	34.21	7.31	8.02	6.2	2.06
158	8/12/2007 03:31	16.15	51.952	34.22	7.33	8.01	6.2	1.93
159	8/12/2007 03:46	16.22	51.984	34.24	7.23	8	5.8	1.79
160	8/12/2007 04:01	16.59	51.939	34.22	7.36	8.02	8.1	1.64
161	8/12/2007 04:16	16.67	51.979	34.25	7.18	8.01	7.1	1.49
162	8/12/2007 04:31	16.85	52.122	34.36	7.16	8.02	7.0	1.35
163	8/12/2007 04:46	17.11	52.045	34.3	7.32	8.03	6.2	1.21
164	8/12/2007 05:01	17.3	52.113	34.35	7.27	8.04	6.1	1.06
165	8/12/2007 05:16	17.38	52.063	34.32	7.28	8.04	6.9	0.94
166	8/12/2007 05:31	17.58	52.012	34.28	7.4	8.06	5.9	0.85
167	8/12/2007 05:46	17.71	52.143	34.38	7.41	8.06	4.8	0.78
168	8/12/2007 06:01	17.68	52.145	34.38	7.3	8.06	5.4	0.71
169	8/12/2007 06:16	17.93	52.26	34.47	7.51	8.1	3.5	0.71
170	8/12/2007 06:31	17.74	52.187	34.41	7.57	8.08	4.9	0.72
171	8/12/2007 06:46	17.85	51.886	34.19	7.73	8.1	3.6	0.77
172	8/12/2007 07:01	17.98	51.885	34.19	7.85	8.11	4.3	0.84
173	8/12/2007 07:16	18.11	52.262	34.47	8.07	8.13	3.8	0.92
174	8/12/2007 07:31	18.1	52.126	34.37	8.15	8.14	3.5	1.01
175	8/12/2007 07:46	18.01	51.915	34.21	8.08	8.13	4.5	1.08
176	8/12/2007 08:01	18.26	52.032	34.3	7.73	8.11	7.1	1.16
177	8/12/2007 08:16	18.31	51.931	34.23	7.61	8.11	8.2	1.25
178	8/12/2007 08:31	18.29	51.663	34.03	7.63	8.1	8.1	1.35
179	8/12/2007 08:46	18.04	51.858	34.17	7.82	8.11	6.9	1.42
180	8/12/2007 09:01	17.84	52.092	34.34	7.73	8.09	6.7	1.53
181	8/12/2007 09:16	17.74	51.914	34.21	7.69	8.09	6.5	1.64
182	8/12/2007 09:31	17.58	52.103	34.35	7.65	8.08	7.8	1.74
183	8/12/2007 09:46	17.41	51.952	34.24	7.52	8.06	7.1	1.85
184	8/12/2007 10:01	17.33	52.071	34.32	7.42	8.04	7.1	1.96
185	8/12/2007 10:16	17.3	52.001	34.27	7.38	8.03	7.8	2.07
186	8/12/2007 10:31	17.11	51.955	34.24	7.29	8.02	8.2	2.17
187	8/12/2007 10:46	16.9	51.943	34.22	7.18	8.01	9.0	2.26
188	8/12/2007 11:01	16.71	52.023	34.28	7.09	8	10.1	2.35
189	8/12/2007 11:16	16.48	51.967	34.24	6.98	7.98	11.0	2.44
190	8/12/2007 11:31	15.99	51.919	34.19	6.83	7.96	11.8	2.52
191	8/12/2007 11:46	15.55	51.968	34.22	6.63	7.93	10.2	2.60

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
192	8/12/2007 12:01	14.88	51.848	34.11	6.71	7.92	9.8	2.68
193	8/12/2007 12:16	14.55	51.921	34.16	6.88	7.93	9.0	2.75
194	8/12/2007 12:31	14.33	51.894	34.13	7.01	7.93	7.0	2.82
195	8/12/2007 12:46	14.23	51.974	34.19	7.08	7.93	5.7	2.87
196	8/12/2007 13:01	14.23	51.814	34.07	7.09	7.94	4.4	2.92
197	8/12/2007 13:16	14.09	52.049	34.24	7.15	7.94	3.4	2.95
198	8/12/2007 13:31	14.48	51.705	34	7.1	7.94	3.1	2.97
199	8/12/2007 13:46	14.2	51.979	34.19	7.01	7.93	3.2	2.96
200	8/12/2007 14:01	14.1	51.805	34.06	7.04	7.93	2.9	2.93
201	8/12/2007 14:16	14.15	51.786	34.05	7.01	7.93	4.0	2.88
202	8/12/2007 14:31	14.55	51.86	34.11	7.01	7.94	5.5	2.81
203	8/12/2007 14:46	15.25	51.851	34.13	7.3	7.97	7.0	2.73
204	8/12/2007 15:01	15.53	51.949	34.2	7.36	7.97	8.4	2.64
205	8/12/2007 15:16	16.14	51.84	34.14	7.74	8.01	7.8	2.54
206	8/12/2007 15:31	16.61	52.07	34.31	7.98	8.04	7.1	2.45
207	8/12/2007 15:46	16.98	51.745	34.08	8.02	8.05	6.7	2.36
208	8/12/2007 16:01	17.56	51.707	34.06	8.46	8.08	7.4	2.29
209	8/12/2007 16:16	17.84	52.054	34.32	8.64	8.1	6.3	2.20
210	8/12/2007 16:31	17.95	51.983	34.26	9.02	8.11	5.7	2.13
211	8/12/2007 16:46	18.16	51.895	34.2	9.36	8.14	4.8	2.07
212	8/12/2007 17:01	18.26	52.09	34.35	9.7	8.16	4.1	1.99
213	8/12/2007 17:16	18.42	51.969	34.26	9.95	8.18	4.2	1.94
214	8/12/2007 17:31	18.6	51.971	34.26	10.18	8.2	3.6	1.88
215	8/12/2007 17:46	18.55	51.794	34.13	10.17	8.19	3.5	1.85
216	8/12/2007 18:01	18.66	51.707	34.06	10.41	8.21	2.7	1.82
217	8/12/2007 18:16	18.76	52.001	34.28	10.65	8.22	2.2	1.80
218	8/12/2007 18:31	18.68	51.792	34.13	10.49	8.21	3.1	1.81
219	8/12/2007 18:46	18.73	51.995	34.28	10.44	8.21	3.2	1.83
220	8/12/2007 19:01	18.72	51.844	34.17	10.32	8.2	3.5	1.88
221	8/12/2007 19:16	18.8	51.817	34.15	10.26	8.21	4.2	1.91
222	8/12/2007 19:31	18.8	51.858	34.18	10.12	8.2	4.3	1.99
223	8/12/2007 19:46	18.67	52.042	34.31	9.77	8.17	5.3	2.07
224	8/12/2007 20:01	19.05	51.825	34.15	9.43	8.16	9.2	2.14
225	8/12/2007 20:16	18.6	51.795	34.13	9.19	8.13	7.2	2.23
226	8/12/2007 20:31	18.16	51.71	34.06	8.86	8.11	7.7	2.30
227	8/12/2007 20:46	17.79	52.009	34.28	8.48	8.08	8.2	2.39
228	8/12/2007 21:01	17.12	51.96	34.24	7.87	8.03	7.7	2.46
229	8/12/2007 21:16	16.47	51.955	34.23	7.41	7.99	6.4	2.55
230	8/12/2007 21:31	16.22	51.739	34.06	7.37	7.98	6.4	2.63
231	8/12/2007 21:46	16.04	51.837	34.13	7.36	7.98	6.4	2.72
232	8/12/2007 22:01	15.59	51.963	34.22	7.33	7.97	7.8	2.81
233	8/12/2007 22:16	15.12	51.969	34.21	7.32	7.96	7.6	2.88
234	8/12/2007 22:31	14.66	51.846	34.11	7.35	7.95	12.0	2.99
235	8/12/2007 22:46	13.95	52.034	34.22	7.35	7.94	8.6	3.07
236	8/12/2007 23:01	13.64	52.056	34.23	7.35	7.94	6.8	3.16
237	8/12/2007 23:16	13.2	51.924	34.11	7.55	7.94	6.5	3.23
238	8/12/2007 23:31	13.06	51.979	34.15	7.66	7.95	4.3	3.31
239	8/12/2007 23:46	12.89	52.027	34.18	7.76	7.96	4.2	3.37

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
240	8/13/2007 00:01	12.79	52.082	34.21	7.82	7.96	2.6	3.42
241	8/13/2007 00:16	12.78	51.954	34.12	7.83	7.96	2.2	3.45
242	8/13/2007 00:31	13.33	51.848	34.06	7.62	7.96	1.9	3.47
243	8/13/2007 00:46	13.07	51.818	34.03	7.52	7.95	2.1	3.46
244	8/13/2007 01:01	12.73	51.949	34.11	7.74	7.96	1.9	3.42
245	8/13/2007 01:16	12.89	52.068	34.21	7.69	7.95	2.4	3.36
246	8/13/2007 01:31	13.8	51.903	34.12	7.36	7.95	4.5	3.29
247	8/13/2007 01:46	14.75	51.899	34.15	6.92	7.94	4.8	3.19
248	8/13/2007 02:01	14.29	51.933	34.16	7.16	7.95	7.6	3.08
249	8/13/2007 02:16	14.67	51.837	34.1	7.02	7.94	5.3	2.96
250	8/13/2007 02:31	15.09	51.843	34.12	7.23	7.96	6.6	2.84
251	8/13/2007 02:46	15.61	51.853	34.14	7.2	7.98	5.6	2.72
252	8/13/2007 03:01	16.11	52.002	34.26	7.16	7.99	6.2	2.59
253	8/13/2007 03:16	16.53	51.92	34.2	7.22	8	6.1	2.47
254	8/13/2007 03:31	16.73	52.094	34.33	7.47	8.03	6.9	2.34
255	8/13/2007 03:46	16.27	52.038	34.28	7.39	8.01	6.1	2.20
256	8/13/2007 04:01	16.23	51.935	34.21	7.59	8.03	7.1	2.06
257	8/13/2007 04:16	16.35	51.494	33.89	7.51	8.03	6.9	1.91
258	8/13/2007 04:31	16.44	52.171	34.39	7.49	8.03	6.1	1.78
259	8/13/2007 04:46	16.63	52.045	34.3	7.36	8.03	6.7	1.64
260	8/13/2007 05:01	16.74	51.619	33.98	7.3	8.02	7.2	1.49
261	8/13/2007 05:16	16.92	52.058	34.31	7.28	8.02	6.2	1.34
262	8/13/2007 05:31	17.26	51.749	34.09	7.44	8.04	5.4	1.20
263	8/13/2007 05:46	17.61	52.043	34.31	7.63	8.07	5.3	1.08
264	8/13/2007 06:01	17.83	52.028	34.3	7.74	8.08	4.9	0.96
265	8/13/2007 06:16	17.87	52.024	34.29	7.69	8.08	4.7	0.86
266	8/13/2007 06:31	18.01	52.113	34.36	7.72	8.09	3.9	0.81
267	8/13/2007 06:46	18.19	52.139	34.38	7.82	8.11	3.4	0.76
268	8/13/2007 07:01	17.84	52.049	34.31	7.69	8.09	3.9	0.77
269	8/13/2007 07:16	18.27	52.198	34.43	8.06	8.13	3.6	0.82
270	8/13/2007 07:31	18.13	52.062	34.32	7.98	8.12	3.4	0.87
271	8/13/2007 07:46	18.39	52.188	34.42	8.29	8.15	3.5	0.94
272	8/13/2007 08:01	18.42	52.212	34.44	8.41	8.16	3.0	1.04
273	8/13/2007 08:16	18.34	51.949	34.24	8.4	8.16	3.7	1.12
274	8/13/2007 08:31	18.77	52.026	34.3	7.81	8.13	7.8	1.20
275	8/13/2007 08:46	18.72	52.116	34.37	7.75	8.12	7.6	1.29
276	8/13/2007 09:01	18.62	52.092	34.35	7.85	8.13	7.0	1.38
277	8/13/2007 09:16	18.3	51.997	34.28	7.98	8.12	6.2	1.46
278	8/13/2007 09:31	18.13	52.041	34.31	7.93	8.11	5.4	1.57
279	8/13/2007 09:46	18.04	52.014	34.29	7.9	8.11	5.5	1.67
280	8/13/2007 10:01	17.79	52.004	34.28	7.82	8.09	6.6	1.77
281	8/13/2007 10:16	17.65	51.892	34.2	7.67	8.07	6.0	1.88
282	8/13/2007 10:31	17.57	51.887	34.19	7.58	8.06	6.8	1.99
283	8/13/2007 10:46	17.5	52.014	34.28	7.5	8.05	7.3	2.10
284	8/13/2007 11:01	17.3	51.902	34.2	7.39	8.03	8.2	2.19
285	8/13/2007 11:16	17.09	51.896	34.19	7.28	8.02	7.7	2.29
286	8/13/2007 11:31	16.84	52.023	34.28	7.2	8.01	8.9	2.39
287	8/13/2007 11:46	16.59	51.777	34.1	7.11	7.99	11.3	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
288	8/13/2007 12:01	16.11	51.829	34.13	6.95	7.96	11.3	2.55
289	8/13/2007 12:16	15.61	51.923	34.19	6.75	7.94	9.8	2.64
290	8/13/2007 12:31	14.92	52.052	34.27	6.87	7.94	10.0	2.71
291	8/13/2007 12:46	14.59	52.003	34.22	7.02	7.94	7.1	2.79
292	8/13/2007 13:01	14.35	51.793	34.06	7.18	7.94	6.4	2.86
293	8/13/2007 13:16	14.15	51.989	34.2	7.2	7.94	5.4	2.91
294	8/13/2007 13:31	14.16	51.988	34.2	7.23	7.95	4.3	2.97
295	8/13/2007 13:46	14.07	51.742	34.01	7.16	7.94	3.2	3.01
296	8/13/2007 14:01	13.9	51.728	34	7.12	7.93	2.8	3.02
297	8/13/2007 14:16	14.16	51.723	34	7.09	7.94	3.7	3.01
298	8/13/2007 14:31	13.93	51.761	34.02	7.03	7.93	2.5	2.99
299	8/13/2007 14:46	14.07	51.733	34.01	7.04	7.93	2.7	2.95
300	8/13/2007 15:01	14.53	51.73	34.02	7.06	7.94	4.6	2.86
301	8/13/2007 15:16	15.32	51.962	34.21	7.42	7.98	8.2	2.77
302	8/13/2007 15:31	15.79	51.96	34.22	7.58	7.99	7.6	2.68
303	8/13/2007 15:46	16.1	51.797	34.1	7.82	8.02	7.3	2.59
304	8/13/2007 16:01	16.81	51.983	34.25	8.22	8.06	6.8	2.48
305	8/13/2007 16:16	17.17	51.816	34.13	8.29	8.07	6.1	2.39
306	8/13/2007 16:31	17.64	52.019	34.29	8.46	8.08	7.9	2.30
307	8/13/2007 16:46	17.98	52.026	34.3	8.87	8.11	6.4	2.22
308	8/13/2007 17:01	18.11	51.939	34.23	9.23	8.13	5.5	2.13
309	8/13/2007 17:16	18.34	52.025	34.3	9.63	8.16	5.1	2.05
310	8/13/2007 17:31	18.48	51.849	34.17	9.98	8.18	5.5	1.98
311	8/13/2007 17:46	18.5	51.787	34.12	10.56	8.2	4.1	1.90
312	8/13/2007 18:01	18.46	51.814	34.14	10.79	8.21	3.6	1.83
313	8/13/2007 18:16	18.88	51.618	34	11.06	8.24	2.9	1.77
314	8/13/2007 18:31	19.08	51.869	34.18	11.25	8.26	2.7	1.72
315	8/13/2007 18:46	19.23	51.907	34.21	11.19	8.27	2.7	1.70
316	8/13/2007 19:01	19.47	51.873	34.19	11.19	8.28	2.4	1.68
317	8/13/2007 19:16	19.41	52.036	34.31	10.83	8.27	2.0	1.67
318	8/13/2007 19:31	19.2	51.786	34.12	11.26	8.26	2.9	1.71
319	8/13/2007 19:46	19.14	52.046	34.32	11.01	8.25	2.8	1.75
320	8/13/2007 20:01	19.23	51.892	34.2	10.86	8.25	3.8	1.80
321	8/13/2007 20:16	19.22	52.073	34.34	10.73	8.24	4.3	1.87
322	8/13/2007 20:31	19.33	51.713	34.07	10.15	8.21	6.2	1.97
323	8/13/2007 20:46	19.58	51.869	34.18	9.69	8.19	8.7	2.04
324	8/13/2007 21:01	19.17	51.818	34.15	9.61	8.17	8.1	2.12
325	8/13/2007 21:16	18.62	51.895	34.2	9.33	8.15	6.4	2.21
326	8/13/2007 21:31	18.19	51.886	34.19	8.88	8.11	6.7	2.30
327	8/13/2007 21:46	17.38	51.9	34.2	8.09	8.05	7.0	2.37
328	8/13/2007 22:01	17.06	51.881	34.18	7.76	8.02	5.7	2.45
329	8/13/2007 22:16	16.75	52.052	34.3	7.64	8.01	6.0	2.54
330	8/13/2007 22:31	16.61	51.899	34.19	7.62	8.01	6.7	2.62
331	8/13/2007 22:46	16.13	51.829	34.13	7.55	8	8.1	2.71
332	8/13/2007 23:01	15.67	51.764	34.07	7.47	7.98	7.3	2.79
333	8/13/2007 23:16	15.27	51.743	34.05	7.46	7.98	7.9	2.88
334	8/13/2007 23:31	14.49	51.998	34.21	7.37	7.96	7.5	2.96
335	8/13/2007 23:46	14.13	51.779	34.04	7.32	7.95	6.5	3.05

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	8/14/2007 00:01	13.56	51.885	34.1	7.37	7.94	5.8	3.13
337	8/14/2007 00:16	13.18	51.852	34.06	7.46	7.94	4.7	3.19
338	8/14/2007 00:31	13.05	51.941	34.12	7.52	7.95	3.2	3.26
339	8/14/2007 00:46	12.98	51.807	34.02	7.58	7.95	2.6	3.31
340	8/14/2007 01:01	13	51.955	34.13	7.56	7.95	2.4	3.33
341	8/14/2007 01:16	13.9	51.703	33.98	7.33	7.96	2.2	3.35
342	8/14/2007 01:31	13.23	51.997	34.17	7.31	7.94	2.0	3.35
343	8/14/2007 01:46	13	52.064	34.21	7.49	7.95	1.4	3.30
344	8/14/2007 02:01	13.06	51.942	34.12	7.47	7.95	2.7	3.24
345	8/14/2007 02:16	14.07	52.013	34.21	7.27	7.96	4.0	3.17
346	8/14/2007 02:31	14.67	51.812	34.08	7.18	7.96	5.3	3.07
347	8/14/2007 02:46	14.87	51.775	34.06	7.14	7.96	6.7	2.96
348	8/14/2007 03:01	15.37	51.834	34.12	7.06	7.96	5.5	2.86
349	8/14/2007 03:16	15.71	51.857	34.14	7.15	7.98	5.7	2.74
350	8/14/2007 03:31	16.22	51.813	34.12	7.19	7.99	5.0	2.61
351	8/14/2007 03:46	16.79	51.894	34.19	7.17	8.01	5.4	2.51
352	8/14/2007 04:01	17.08	52.042	34.3	7.26	8.02	4.6	2.39
353	8/14/2007 04:16	16.75	51.928	34.21	7.36	8.02	5.4	2.26
354	8/14/2007 04:31	16.69	51.831	34.14	7.39	8.03	5.4	2.11
355	8/14/2007 04:46	16.72	51.771	34.09	7.5	8.04	7.1	2.00
356	8/14/2007 05:01	16.61	51.925	34.21	7.36	8.02	5.4	1.87
357	8/14/2007 05:16	16.75	51.881	34.18	7.38	8.03	6.7	1.72
358	8/14/2007 05:31	16.98	51.707	34.05	7.32	8.03	8.1	1.60
359	8/14/2007 05:46	17.1	51.947	34.23	7.29	8.03	6.7	1.47
360	8/14/2007 06:01	17.4	52.015	34.28	7.42	8.05	6.9	1.34
361	8/14/2007 06:16	17.57	52.017	34.29	7.49	8.05	5.6	1.21
362	8/14/2007 06:31	17.79	52.077	34.33	7.57	8.07	5.5	1.10
363	8/14/2007 06:46	17.95	52.071	34.33	7.62	8.08	5.1	1.01
364	8/14/2007 07:01	18.14	52.016	34.29	7.69	8.1	4.7	0.94
365	8/14/2007 07:16	18.33	52.059	34.32	7.81	8.11	4.3	0.90
366	8/14/2007 07:31	18.32	52.093	34.35	7.81	8.11	2.9	0.88
367	8/14/2007 07:46	18.15	52.081	34.34	7.76	8.1	3.7	0.88
368	8/14/2007 08:01	18.34	51.996	34.28	7.97	8.12	3.4	0.95
369	8/14/2007 08:16	18.37	52.081	34.34	8.02	8.12	3.1	1.01
370	8/14/2007 08:31	18.56	52.129	34.38	8.23	8.15	3.1	1.07
371	8/14/2007 08:46	18.58	51.9	34.21	8.31	8.16	3.1	1.17
372	8/14/2007 09:01	18.77	52.007	34.29	7.96	8.14	5.6	1.26
373	8/14/2007 09:16	18.99	51.637	34.01	7.66	8.12	7.0	1.33
374	8/14/2007 09:31	18.75	51.977	34.26	7.84	8.13	6.0	1.42
375	8/14/2007 09:46	18.5	51.987	34.27	7.91	8.12	5.7	1.54
376	8/14/2007 10:01	18.31	51.948	34.24	7.87	8.11	5.3	1.62
377	8/14/2007 10:16	18.21	51.986	34.27	7.85	8.11	5.0	1.73
378	8/14/2007 10:31	17.91	51.844	34.16	7.77	8.09	7.9	1.84
379	8/14/2007 10:46	17.78	51.857	34.17	7.66	8.07	5.8	1.94
380	8/14/2007 11:01	17.71	51.825	34.15	7.57	8.06	6.5	2.04
381	8/14/2007 11:16	17.65	51.947	34.24	7.52	8.05	7.0	2.14
382	8/14/2007 11:31	17.4	51.945	34.23	7.42	8.03	7.5	2.24
383	8/14/2007 11:46	17.14	51.842	34.15	7.34	8.02	8.5	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
384	8/14/2007 12:01	16.92	51.8	34.12	7.3	8.01	10.0	2.43
385	8/14/2007 12:16	16.58	51.723	34.06	7.22	7.99	11.4	2.51
386	8/14/2007 12:31	16.17	51.681	34.02	7.08	7.97	11.8	2.60
387	8/14/2007 12:46	15.63	51.806	34.1	6.99	7.96	9.2	2.68
388	8/14/2007 13:01	15.03	51.759	34.05	7.08	7.95	8.6	2.76
389	8/14/2007 13:16	14.6	51.824	34.09	7.25	7.95	7.2	2.83
390	8/14/2007 13:31	14.45	51.806	34.07	7.37	7.96	5.7	2.90
391	8/14/2007 13:46	14.32	51.723	34.01	7.49	7.96	4.0	2.97
392	8/14/2007 14:01	14.24	51.703	33.99	7.52	7.97	3.2	3.02
393	8/14/2007 14:16	14.21	51.85	34.1	7.54	7.97	2.0	3.03
394	8/14/2007 14:31	14.62	51.694	33.99	7.58	7.98	2.4	3.06
395	8/14/2007 14:46	14.22	51.659	33.96	7.37	7.96	2.1	3.06
396	8/14/2007 15:01	14.12	51.809	34.06	7.43	7.96	2.5	3.01
397	8/14/2007 15:16	14.23	51.858	34.1	7.44	7.96	3.4	2.95
398	8/14/2007 15:31	15.05	51.694	34.01	7.63	7.99	5.0	2.89
399	8/14/2007 15:46	15.85	51.684	34.02	7.93	8.02	6.3	2.80
400	8/14/2007 16:01	16.52	51.901	34.19	8.02	8.05	6.5	2.70
401	8/14/2007 16:16	16.55	51.798	34.11	8.2	8.05	7.1	2.60
402	8/14/2007 16:31	17.19	51.716	34.06	8.62	8.09	7.5	2.49
403	8/14/2007 16:46	17.33	51.816	34.14	8.49	8.09	7.7	2.41
404	8/14/2007 17:01	17.75	51.9	34.2	8.68	8.1	7.0	2.30
405	8/14/2007 17:16	17.79	51.871	34.18	9.15	8.13	6.2	2.20
406	8/14/2007 17:31	17.92	51.861	34.17	9.23	8.14	6.4	2.12
407	8/14/2007 17:46	17.79	51.804	34.13	9.32	8.14	5.6	2.03
408	8/14/2007 18:01	17.84	51.795	34.13	9.38	8.15	4.6	1.94
409	8/14/2007 18:16	17.93	51.682	34.04	9.52	8.16	4.5	1.86
410	8/14/2007 18:31	18.14	51.619	34	9.69	8.18	4.6	1.77
411	8/14/2007 18:46	18.58	51.878	34.19	9.95	8.2	5.7	1.71
412	8/14/2007 19:01	18.71	52.031	34.3	10.06	8.22	3.5	1.65
413	8/14/2007 19:16	19.38	51.876	34.19	10.58	8.27	10.4	1.60
414	8/14/2007 19:31	19.19	52.154	34.4	10.23	8.24	3.8	1.59
415	8/14/2007 19:46	19.61	51.79	34.13	10.42	8.28	1.7	1.59
416	8/14/2007 20:01	19.35	52.171	34.41	10.35	8.26	2.6	1.57
417	8/14/2007 20:16	19.43	51.998	34.28	10.56	8.27	3.9	1.62
418	8/14/2007 20:31	19.25	52.002	34.28	10.4	8.25	3.4	1.67
419	8/14/2007 20:46	19.27	52.06	34.33	10.36	8.25	3.5	1.72
420	8/14/2007 21:01	19.12	52.085	34.34	10.2	8.24	4.5	1.79
421	8/14/2007 21:16	19.35	51.978	34.27	9.47	8.19	6.6	1.87
422	8/14/2007 21:31	19.48	51.682	34.05	9.13	8.17	7.7	1.96
423	8/14/2007 21:46	18.97	51.974	34.26	9.41	8.17	6.4	2.05
424	8/14/2007 22:01	18.66	51.906	34.21	9.31	8.16	6.6	2.12
425	8/14/2007 22:16	18.35	51.974	34.26	9.01	8.14	6.2	2.20
426	8/14/2007 22:31	17.73	51.867	34.18	8.41	8.09	6.1	2.29
427	8/14/2007 22:46	17.33	51.809	34.13	8.04	8.05	7.5	2.36
428	8/14/2007 23:01	17.02	51.934	34.22	7.89	8.04	6.4	2.44
429	8/14/2007 23:16	16.84	51.823	34.14	7.83	8.03	7.9	2.52
430	8/14/2007 23:31	16.58	51.877	34.17	7.8	8.03	6.3	2.60
431	8/14/2007 23:46	16.1	51.933	34.2	7.7	8.01	7.8	2.69

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
432	8/15/2007 00:01	15.77	51.968	34.22	7.68	8	8.8	2.77
433	8/15/2007 00:16	15.26	51.687	34.01	7.7	7.99	10.9	2.84
434	8/15/2007 00:31	14.78	51.418	33.8	7.7	7.99	7.4	2.93
435	8/15/2007 00:46	14.46	51.83	34.09	7.65	7.98	8.1	3.00
436	8/15/2007 01:01	13.99	51.766	34.03	7.64	7.97	6.4	3.06
437	8/15/2007 01:16	13.78	51.662	33.94	7.64	7.97	4.0	3.12
438	8/15/2007 01:31	13.55	51.857	34.08	7.69	7.97	10.1	3.16
439	8/15/2007 01:46	13.55	51.983	34.17	7.68	7.97	2.3	3.18
440	8/15/2007 02:01	14.12	51.83	34.08	7.47	7.97	1.9	3.20
441	8/15/2007 02:16	13.69	52.201	34.34	7.46	7.96	3.9	3.19
442	8/15/2007 02:31	13.63	51.844	34.07	7.54	7.96	2.6	3.15
443	8/15/2007 02:46	14.47	51.63	33.94	7.35	7.97	2.3	3.08
444	8/15/2007 03:01	15.22	51.86	34.13	7.3	7.98	3.7	3.01
445	8/15/2007 03:16	15.5	51.989	34.23	7.22	7.97	4.6	2.92
446	8/15/2007 03:31	15.42	51.794	34.09	7.23	7.97	5.3	2.82
447	8/15/2007 03:46	15.82	51.91	34.18	7.15	7.98	6.9	2.72
448	8/15/2007 04:01	16.05	51.722	34.05	7.08	7.97	5.1	2.60
449	8/15/2007 04:16	16.43	51.789	34.1	7.05	7.99	5.0	2.50
450	8/15/2007 04:31	16.92	51.786	34.11	6.98	7.99	5.4	2.38
451	8/15/2007 04:46	17.27	51.998	34.27	6.78	7.99	5.3	2.27
452	8/15/2007 05:01	16.99	51.833	34.14	6.91	7.99	5.3	2.15
453	8/15/2007 05:16	17.1	51.715	34.06	6.98	7.99	5.9	2.02
454	8/15/2007 05:31	17.09	52.117	34.36	7.04	8	5.3	1.91
455	8/15/2007 05:46	17.03	51.992	34.26	6.7	7.98	5.1	1.78
456	8/15/2007 06:01	17.17	51.656	34.02	6.91	8	5.7	1.65
457	8/15/2007 06:16	17.27	51.813	34.13	6.97	8	7.0	1.54
458	8/15/2007 06:31	17.47	51.941	34.23	6.97	8.01	6.6	1.42
459	8/15/2007 06:46	17.74	51.928	34.22	7.03	8.03	5.1	1.30
460	8/15/2007 07:01	17.97	51.78	34.12	7.16	8.04	4.6	1.21
461	8/15/2007 07:16	18.18	51.522	33.93	7.21	8.05	3.7	1.12
462	8/15/2007 07:31	18.35	51.619	34	7.32	8.07	3.7	1.07
463	8/15/2007 07:46	18.49	51.98	34.27	7.28	8.07	3.4	1.02
464	8/15/2007 08:01	18.72	51.807	34.14	7.3	8.08	2.4	1.01
465	8/15/2007 08:16	18.74	51.679	34.04	7.27	8.09	2.3	1.03
466	8/15/2007 08:31	18.82	51.818	34.15	7.51	8.11	2.6	1.05
467	8/15/2007 08:46	18.78	51.982	34.27	7.55	8.11	2.4	1.11
468	8/15/2007 09:01	18.72	51.954	34.25	7.54	8.1	2.6	1.16
469	8/15/2007 09:16	18.71	51.868	34.18	7.55	8.11	2.8	1.26
470	8/15/2007 09:31	18.66	51.766	34.11	7.53	8.1	3.5	1.34
471	8/15/2007 09:46	18.85	51.832	34.16	7.13	8.07	5.6	1.43
472	8/15/2007 10:01	18.86	51.826	34.15	7.01	8.07	6.9	1.53
473	8/15/2007 10:16	18.54	51.754	34.1	7.22	8.07	5.9	1.62
474	8/15/2007 10:31	18.37	51.318	33.78	7.25	8.07	5.4	1.72
475	8/15/2007 10:46	18.27	52.062	34.33	7.23	8.06	6.5	1.82
476	8/15/2007 11:01	18.08	51.715	34.07	7.22	8.05	6.0	1.91
477	8/15/2007 11:16	17.84	51.506	33.91	7.25	8.04	10.4	2.01
478	8/15/2007 11:31	17.76	51.653	34.02	7.27	8.04	7.0	2.10
479	8/15/2007 11:46	17.62	51.766	34.1	7.28	8.03	8.2	2.19

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	8/15/2007 12:01	17.42	51.082	33.6	7.3	8.02	7.9	2.28
481	8/15/2007 12:16	17.14	51.517	33.91	7.26	8.01	10.7	2.38
482	8/15/2007 12:31	16.91	51.439	33.85	7.24	8	10.1	2.46
483	8/15/2007 12:46	16.62	51.431	33.84	7.21	8	15.1	2.54
484	8/15/2007 13:01	16.12	51.961	34.23	7.12	7.98	9.9	2.64
485	8/15/2007 13:16	15.72	51.067	33.56	7.03	7.96	9.3	2.71
486	8/15/2007 13:31	15.07	51.716	34.02	6.94	7.95	8.2	2.80
487	8/15/2007 13:46	14.55	51.46	33.82	7.08	7.95	6.4	2.86
488	8/15/2007 14:01	14.29	51.544	33.87	7.24	7.95	5.5	2.93
489	8/15/2007 14:16	14.08	51.242	33.65	7.38	7.96	6.8	2.99
490	8/15/2007 14:31	14.01	51.583	33.89	7.39	7.96	4.8	3.04
491	8/15/2007 14:46	13.95	51.958	34.17	7.4	7.96	2.9	3.06
492	8/15/2007 15:01	14.66	51.873	34.13	7.39	7.97	2.6	3.07
493	8/15/2007 15:16	14.1	51.934	34.15	7.23	7.95	3.5	3.07
494	8/15/2007 15:31	14.01	51.741	34.01	7.28	7.95	3.7	3.03
495	8/15/2007 15:46	14.23	51.996	34.2	7.31	7.96	2.4	2.96
496	8/15/2007 16:01	15.31	51.896	34.16	7.6	8	4.0	2.89
497	8/15/2007 16:16	16.11	51.792	34.1	7.9	8.02	6.7	2.80
498	8/15/2007 16:31	16.48	51.973	34.24	8.02	8.04	6.4	2.71
499	8/15/2007 16:46	16.88	51.901	34.19	8.27	8.06	5.9	2.60
500	8/15/2007 17:01	17.2	51.907	34.2	8.42	8.07	5.1	2.49
501	8/15/2007 17:16	17.74	52.022	34.29	8.76	8.11	6.0	2.41
502	8/15/2007 17:31	18.01	52.047	34.31	8.76	8.11	7.1	2.31
503	8/15/2007 17:46	18.22	51.17	33.67	8.98	8.12	6.1	2.22
504	8/15/2007 18:01	18.34	51.727	34.08	9.21	8.13	5.3	2.12
505	8/15/2007 18:16	18.4	52.039	34.31	9.41	8.15	5.4	2.03
506	8/15/2007 18:31	18.27	51.588	33.98	9.68	8.16	4.6	1.94
507	8/15/2007 18:46	18.2	51.92	34.22	9.94	8.17	4.2	1.85
508	8/15/2007 19:01	18.32	51.908	34.21	10.04	8.18	3.6	1.76
509	8/15/2007 19:16	18.47	51.982	34.27	10.09	8.2	3.5	1.69
510	8/15/2007 19:31	18.77	52.006	34.29	10.05	8.2	3.0	1.64
511	8/15/2007 19:46	19	51.883	34.19	10.09	8.21	3.6	1.57
512	8/15/2007 20:01	19.47	52.118	34.37	10.32	8.24	2.8	1.53
513	8/15/2007 20:16	19.78	52.181	34.41	10.41	8.25	3.1	1.52
514	8/15/2007 20:31	19.99	52.305	34.51	10.23	8.26	2.0	1.52
515	8/15/2007 20:46	19.9	52.283	34.49	10.56	8.26	2.8	1.54
516	8/15/2007 21:01	19.73	52.442	34.61	10.46	8.25	3.2	1.58
517	8/15/2007 21:16	19.42	51.366	33.81	10.34	8.23	4.2	1.63
518	8/15/2007 21:31	19.46	51.942	34.24	10.26	8.23	3.9	1.69
519	8/15/2007 21:46	19.42	52.357	34.55	10.07	8.22	4.6	1.79
520	8/15/2007 22:01	19.85	52.058	34.32	9.18	8.16	7.9	1.86
521	8/15/2007 22:16	19.84	51.78	34.12	9.01	8.15	7.5	1.93
522	8/15/2007 22:31	19.41	52.039	34.31	9.26	8.16	5.6	2.03
523	8/15/2007 22:46	19.06	51.634	34.01	9.24	8.15	5.4	2.09
524	8/15/2007 23:01	18.81	52.066	34.33	9.02	8.14	5.1	2.16
525	8/15/2007 23:16	18.31	52.141	34.38	8.58	8.1	5.0	2.24
526	8/15/2007 23:31	17.79	52.13	34.37	8.02	8.06	4.5	2.31
527	8/15/2007 23:46	17.61	52.304	34.5	7.87	8.04	5.1	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
528	8/16/2007 00:01	17.41	52.07	34.32	7.78	8.04	5.4	2.46
529	8/16/2007 00:16	17.16	52.029	34.29	7.76	8.03	4.7	2.53
530	8/16/2007 00:31	16.75	52.008	34.27	7.63	8.01	4.8	2.61
531	8/16/2007 00:46	16.43	52.098	34.33	7.55	8.01	5.3	2.69
532	8/16/2007 01:01	16.03	51.999	34.25	7.53	8	4.8	2.75
533	8/16/2007 01:16	15.59	51.993	34.24	7.52	7.99	5.0	2.82
534	8/16/2007 01:31	15.16	52.017	34.25	7.52	7.98	3.7	2.88
535	8/16/2007 01:46	14.95	52.081	34.29	7.5	7.98	3.4	2.93
536	8/16/2007 02:01	14.74	51.992	34.22	7.47	7.97	2.9	2.98
537	8/16/2007 02:16	14.64	52.113	34.3	7.43	7.97	2.3	3.01
538	8/16/2007 02:31	14.41	52.041	34.24	7.35	7.96	1.4	3.04
539	8/16/2007 02:46	15.18	51.94	34.19	7.13	7.97	1.4	3.04
540	8/16/2007 03:01	14.33	52.051	34.25	7.24	7.96	1.8	3.02
541	8/16/2007 03:16	14.41	52.07	34.26	7.27	7.96	1.5	2.98
542	8/16/2007 03:31	15	52.06	34.27	7.26	7.97	2.0	2.93
543	8/16/2007 03:46	15.8	51.509	33.89	7.21	7.98	4.6	2.85
544	8/16/2007 04:01	16.3	52.168	34.38	7.1	7.98	4.5	2.76
545	8/16/2007 04:16	16.52	52.118	34.35	7.04	7.98	4.8	2.67
546	8/16/2007 04:31	16.77	52.071	34.32	6.85	7.97	5.6	2.56
547	8/16/2007 04:46	17.04	52.126	34.36	6.75	7.97	4.8	2.47
548	8/16/2007 05:01	17.29	52.108	34.35	6.71	7.98	4.7	2.38
549	8/16/2007 05:16	17.5	52.111	34.36	6.51	7.96	4.8	2.27
550	8/16/2007 05:31	17.6	52.211	34.43	6.49	7.96	4.2	2.18
551	8/16/2007 05:46	17.73	52.133	34.37	6.69	7.97	4.7	2.07
552	8/16/2007 06:01	17.66	52.158	34.39	6.91	7.99	6.1	1.95
553	8/16/2007 06:16	17.68	51.362	33.8	6.91	8	6.2	1.85
554	8/16/2007 06:31	17.66	52.172	34.4	6.77	7.99	5.2	1.74
555	8/16/2007 06:46	17.9	52.146	34.38	6.92	8.01	5.1	1.64
556	8/16/2007 07:01	17.86	52.159	34.39	6.9	8	3.9	1.53
557	8/16/2007 07:16	18.11	52.199	34.43	6.99	8.01	3.6	1.44
558	8/16/2007 07:31	18.33	52.167	34.4	7.09	8.03	4.1	1.36
559	8/16/2007 07:46	18.48	52.151	34.39	7.06	8.03	3.8	1.30
560	8/16/2007 08:01	18.78	52.116	34.37	7.18	8.05	4.2	1.26
561	8/16/2007 08:16	18.82	52.217	34.44	7.08	8.05	3.1	1.22
562	8/16/2007 08:31	19.07	52.171	34.41	7.16	8.07	2.1	1.23
563	8/16/2007 08:46	18.8	52.306	34.51	7.22	8.06	2.6	1.23
564	8/16/2007 09:01	19.18	52.321	34.52	7.27	8.08	2.4	1.24
565	8/16/2007 09:16	19.13	52.283	34.49	7.39	8.08	2.8	1.32
566	8/16/2007 09:31	19.2	52.266	34.48	7.31	8.08	2.9	1.37
567	8/16/2007 09:46	19.22	52.211	34.44	7.3	8.08	3.0	1.43
568	8/16/2007 10:01	19.3	52.282	34.49	7.19	8.07	4.6	1.52
569	8/16/2007 10:16	19.37	52.126	34.37	7.02	8.05	6.1	1.61
570	8/16/2007 10:31	19.26	52.146	34.39	6.96	8.04	7.8	1.69
571	8/16/2007 10:46	18.98	52.156	34.4	7.17	8.05	5.5	1.77
572	8/16/2007 11:01	18.78	52.187	34.42	7.22	8.05	4.8	1.87
573	8/16/2007 11:16	18.59	52.234	34.45	7.19	8.04	5.7	1.95
574	8/16/2007 11:31	18.46	52.102	34.36	7.16	8.04	6.4	2.04
575	8/16/2007 11:46	18.2	52.205	34.43	7.26	8.03	8.6	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
576	8/16/2007 12:01	18.09	52.148	34.39	7.28	8.02	5.5	2.22
577	8/16/2007 12:16	17.99	52.04	34.31	7.31	8.02	6.8	2.31
578	8/16/2007 12:31	17.78	52.112	34.36	7.29	8.01	7.2	2.39
579	8/16/2007 12:46	17.43	52.167	34.4	7.24	8	7.7	2.48
580	8/16/2007 13:01	17.15	52.148	34.38	7.2	7.99	8.5	2.56
581	8/16/2007 13:16	16.88	52.046	34.3	7.18	7.99	8.2	2.64
582	8/16/2007 13:31	16.43	52.082	34.32	7.22	7.98	9.3	2.73
583	8/16/2007 13:46	16.04	51.91	34.19	7.18	7.97	7.7	2.80
584	8/16/2007 14:01	15.52	52.055	34.28	7.25	7.97	5.8	2.88
585	8/16/2007 14:16	14.94	52.095	34.3	7.32	7.96	4.5	2.94
586	8/16/2007 14:31	14.72	51.997	34.22	7.49	7.97	3.4	3.00
587	8/16/2007 14:46	14.6	51.952	34.18	7.61	7.98	4.6	3.06
588	8/16/2007 15:01	14.45	52.064	34.26	7.69	7.98	2.3	3.09
589	8/16/2007 15:16	14.42	52.047	34.25	7.64	7.98	0.9	3.11
590	8/16/2007 15:31	14.58	52.018	34.23	7.5	7.97	15.5	3.12
591	8/16/2007 15:46	14.55	52.015	34.23	7.48	7.97	1.0	3.11
592	8/16/2007 16:01	14.55	51.938	34.17	7.53	7.97		3.05
593	8/16/2007 16:16	15.49	52.04	34.27	7.76	8	3.3	2.98
594	8/16/2007 16:31	16.69	52.084	34.33	7.94	8.03	5.6	2.93
595	8/16/2007 16:46	17.14	52.051	34.31	8.11	8.05	5.2	2.82
596	8/16/2007 17:01	17.42	52.072	34.33	8.3	8.06	6.8	2.72
597	8/16/2007 17:16	17.8	52.061	34.32	8.55	8.08	7.5	2.62
598	8/16/2007 17:31	17.91	52.091	34.34	8.54	8.08	5.6	2.55
599	8/16/2007 17:46	18.27	51.954	34.25	8.75	8.09	5.7	2.44
600	8/16/2007 18:01	18.54	52.143	34.39	8.72	8.09	6.0	2.33
601	8/16/2007 18:16	18.97	52.161	34.4	9.16	8.13	6.9	2.26
602	8/16/2007 18:31	18.91	51.991	34.27	9.28	8.13	5.5	2.17
603	8/16/2007 18:46	18.83	52.105	34.36	9.53	8.15	6.1	2.07
604	8/16/2007 19:01	19.04	52.062	34.33	9.68	8.16	5.1	1.96
605	8/16/2007 19:16	19.51	52.083	34.34	10.03	8.2	4.3	1.91
606	8/16/2007 19:31	19.59	52.081	34.34	10.22	8.21	4.6	1.80
607	8/16/2007 19:46	20.02	52.155	34.39	10.44	8.23	3.9	1.71
608	8/16/2007 20:01	20.17	52.202	34.43	10.53	8.24	3.9	1.64
609	8/16/2007 20:16	20.47	52.184	34.41	10.56	8.25	3.1	1.60
610	8/16/2007 20:31	20.69	52.237	34.45	10.62	8.26	5.7	1.56
611	8/16/2007 20:46	20.7	52.347	34.53	10.5	8.25	2.7	1.49
612	8/16/2007 21:01	20.69	52.169	34.4	10.32	8.24	2.6	1.49
613	8/16/2007 21:16	20.76	52.285	34.49	10.59	8.25	3.4	1.52
614	8/16/2007 21:31	20.66	52.135	34.38	10.64	8.25	3.2	1.53
615	8/16/2007 21:46	20.51	52.099	34.35	10.52	7.72	2.8	1.53
616	8/16/2007 22:01	20.43	52.108	34.36	10.46	8.24	3.7	1.60
617	8/16/2007 22:16	20.32	52.204	34.43	10.43	8.23	3.7	1.69
618	8/16/2007 22:31	20.22	52.182	34.41	10.29	8.22	4.3	1.72
619	8/16/2007 22:46	20.61	52.156	34.39	9.41	8.17	5.9	1.82
620	8/16/2007 23:01	20.68	52.164	34.4	9.14	8.15	6.6	1.89
621	8/16/2007 23:16	20.46	52.143	34.38	9.23	8.16	5.6	1.98
622	8/16/2007 23:31	20.16	52.121	34.37	9.42	8.16	6.0	2.03
623	8/16/2007 23:46	19.82	52.177	34.41	9.26	8.15	5.3	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
624	8/17/2007 00:01	19.46	52.064	34.33	9.01	8.13	5.6	2.18
625	8/17/2007 00:16	18.93	52.137	34.38	8.54	8.09	4.6	2.23
626	8/17/2007 00:31	18.61	52.133	34.38	8.24	8.07	4.1	2.30
627	8/17/2007 00:46	18.36	52.058	34.32	8.09	8.05	4.5	2.37
628	8/17/2007 01:01	18.2	52.11	34.36	8.01	8.05	4.0	2.43
629	8/17/2007 01:16	18.04	52.101	34.35	8	8.05	3.8	2.50
630	8/17/2007 01:31	17.73	52.058	34.32	7.9	8.04	4.1	2.56
631	8/17/2007 01:46	17.36	52.096	34.34	7.8	8.02	3.9	2.63
632	8/17/2007 02:01	17.05	51.911	34.2	7.74	8.02	3.8	2.68
633	8/17/2007 02:16	16.91	52.039	34.3	7.69	8.01	4.0	2.73
634	8/17/2007 02:31	16.46	52.015	34.27	7.69	8.01	3.6	2.78
635	8/17/2007 02:46	16.18	52.034	34.28	7.68	8	2.9	2.82
636	8/17/2007 03:01	16.11	52.025	34.27	7.64	8	3.0	2.85
637	8/17/2007 03:16	16.66	51.835	34.14	7.31	7.99	1.3	2.85
638	8/17/2007 03:31	16.17	52.062	34.3	7.38	7.99	2.1	2.86
639	8/17/2007 03:46	16.05	52.007	34.26	7.31	7.98	1.2	2.86
640	8/17/2007 04:01	16.04	52.062	34.3	7.45	7.99	2.1	2.80
641	8/17/2007 04:16	16.55	52.065	34.31	7.44	8	2.3	2.75
642	8/17/2007 04:31	17.41	52.119	34.36	7.3	8.01	3.4	2.71
643	8/17/2007 04:46	17.33	52.151	34.38	7.32	8	3.8	2.62
644	8/17/2007 05:01	17.53	52.136	34.37	7.2	8	4.6	2.53
645	8/17/2007 05:16	17.74	52.19	34.42	6.99	7.99	4.6	2.44
646	8/17/2007 05:31	17.89	52.079	34.34	6.64	7.98	4.5	2.36
647	8/17/2007 05:46	18.02	52.147	34.39	6.66	7.97	4.7	2.29
648	8/17/2007 06:01	18.2	52.111	34.36	6.5	7.97	5.5	2.18
649	8/17/2007 06:16	18.19	52.185	34.42	6.38	7.96	4.6	2.09
650	8/17/2007 06:31	18.45	52.066	34.33	6.78	8	6.1	2.02
651	8/17/2007 06:46	18.24	51.858	34.17	6.82	7.99	4.7	1.92
652	8/17/2007 07:01	18.17	51.937	34.23	6.81	8	4.5	1.84
653	8/17/2007 07:16	18.37	52.035	34.31	7.09	8.02	3.8	1.74
654	8/17/2007 07:31	18.56	51.883	34.19	7.24	8.04	3.3	1.67
655	8/17/2007 07:46	18.75	51.91	34.21	7.38	8.05	2.6	1.60
656	8/17/2007 08:01	18.76	52.062	34.33	7.36	8.05	2.9	1.51
657	8/17/2007 08:16	18.97	52.005	34.29	7.43	8.06	2.1	1.49
658	8/17/2007 08:31	19.09	52.064	34.33	7.47	8.07	2.3	1.43
659	8/17/2007 08:46	19.19	52.009	34.29	7.33	8.07	2.1	1.43
660	8/17/2007 09:01	19.17	51.912	34.22	7.46	8.07	2.7	1.41
661	8/17/2007 09:16	19.18	52.008	34.29	7.54	8.08	2.6	1.42
662	8/17/2007 09:31	19.32	51.985	34.27	7.62	8.08	2.0	1.46
663	8/17/2007 09:46	19.32	52.027	34.3	7.57	8.08	2.1	1.49
664	8/17/2007 10:01	19.36	52.075	34.34	7.58	8.08	2.8	1.58
665	8/17/2007 10:16	19.34	51.911	34.22	7.61	8.08	3.1	1.59
666	8/17/2007 10:31	19.4	51.982	34.27	7.56	8.08	3.8	1.69
667	8/17/2007 10:46	19.45	51.909	34.21	7.33	8.06	5.6	1.77
668	8/17/2007 11:01	19.35	51.978	34.27	7.22	8.05	5.7	1.84
669	8/17/2007 11:16	19.15	51.984	34.27	7.44	8.06	4.8	1.92
670	8/17/2007 11:31	19.01	52.046	34.32	7.44	8.05	3.7	1.98
671	8/17/2007 11:46	18.74	52.197	34.43	7.3	8.04	4.6	2.08

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	8/17/2007 12:01	18.61	52.174	34.41	7.27	8.03	6.2	2.15
673	8/17/2007 12:16	18.46	52.261	34.47	7.41	8.03		2.22
674	8/17/2007 12:31	18.36	52.085	34.34	7.48	8.03	9.4	2.30
675	8/17/2007 12:46	18.22	52.075	34.33	7.49	8.02	5.9	2.37
676	8/17/2007 13:01	17.96	51.987	34.27	7.51	8.02	9.2	2.47
677	8/17/2007 13:16	17.78	52.06	34.32	7.49	8.01	8.7	2.53
678	8/17/2007 13:31	17.54	51.971	34.25	7.5	8.01	8.4	2.61
679	8/17/2007 13:46	17.22	51.976	34.25	7.48	8	11.2	2.70
680	8/17/2007 14:01	16.73	51.972	34.24	7.59	8	8.5	2.76
681	8/17/2007 14:16	16.35	51.903	34.19	7.64	7.99	7.3	2.85
682	8/17/2007 14:31	15.97	51.844	34.14	7.66	7.99	6.2	2.89
683	8/17/2007 14:46	15.49	51.947	34.2	7.78	7.99	6.5	2.98
684	8/17/2007 15:01	15.1	51.994	34.23	7.84	7.99	5.3	3.03
685	8/17/2007 15:16	14.87	51.912	34.16	7.92	7.99	3.2	3.05
686	8/17/2007 15:31	14.67	51.955	34.19	8.08	8	2.5	3.11
687	8/17/2007 15:46	15.34	51.694	34.01	7.97	8.01	1.6	3.10
688	8/17/2007 16:01	14.73	51.958	34.19	7.91	7.99	1.2	3.11
689	8/17/2007 16:16	14.68	51.873	34.13	7.98	7.99	1.1	3.08
690	8/17/2007 16:31	14.91	51.941	34.18	7.9	7.99	1.7	3.02
691	8/17/2007 16:46	16.05	51.964	34.23	7.98	8.02	2.3	2.97
692	8/17/2007 17:01	16.69	52.03	34.29	8.02	8.02	5.3	2.89
693	8/17/2007 17:16	17.48	51.991	34.27	8.3	8.05	5.9	2.81
694	8/17/2007 17:31	17.66	51.988	34.27	8.33	8.06	7.0	2.72
695	8/17/2007 17:46	18.08	52.017	34.29	8.66	8.08	7.1	2.62
696	8/17/2007 18:01	18.31	51.259	33.73	8.87	8.1	5.5	2.55
697	8/17/2007 18:16	18.49	52.041	34.31	8.86	8.1	6.2	2.44
698	8/17/2007 18:31	18.49	52.051	34.32	9.06	8.12	5.3	2.37
699	8/17/2007 18:46	18.5	52.079	34.34	9.24	8.12	5.4	2.27
700	8/17/2007 19:01	18.71	52.133	34.38	9.28	8.13	5.7	2.18
701	8/17/2007 19:16	18.94	52.172	34.41	9.27	8.13	5.1	2.09
702	8/17/2007 19:31	19.03	52.152	34.39	9.43	8.15	5.3	2.00
703	8/17/2007 19:46	19.06	52.141	34.39	9.51	8.16	3.9	1.92
704	8/17/2007 20:01	19.42	52.228	34.45	9.6	8.18	4.3	1.83
705	8/17/2007 20:16	19.42	52.437	34.6	9.55	8.18	4.2	1.74
706	8/17/2007 20:31	19.58	52.125	34.37	9.44	8.17	4.8	1.68
707	8/17/2007 20:46	19.85	52.228	34.45	9.49	8.18	3.4	1.61
708	8/17/2007 21:01	20.4	52.27	34.48	10.07	8.24	2.9	1.56
709	8/17/2007 21:16	20.45	52.279	34.48	9.97	8.24	2.7	1.51
710	8/17/2007 21:31	20.43	52.214	34.44	9.68	8.22	1.8	1.49
711	8/17/2007 21:46	20.79	52.275	34.48	10.02	8.25	1.8	1.49
712	8/17/2007 22:01	20.81	52.061	34.32	9.81	8.24	9.8	1.47
713	8/17/2007 22:16	20.78	52.282	34.48	10.28	8.26	3.0	1.52
714	8/17/2007 22:31	20.72	52.33	34.52	10.29	8.26	5.4	1.53
715	8/17/2007 22:46	20.58	52.271	34.48	10.13	8.25	3.4	1.58
716	8/17/2007 23:01	20.52	52.254	34.47	10.21	8.24	2.9	1.65
717	8/17/2007 23:16	20.45	52.197	34.42	10.14	8.24	3.4	1.68
718	8/17/2007 23:31	20.66	52.255	34.47	9.31	8.18	5.1	1.78
719	8/17/2007 23:46	20.76	52.204	34.43	8.92	8.16	6.3	1.82

sonde #1	Indian Island Long-Term Deployment 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	8/18/2007 00:01	20.5	52.153	34.39	9.25	8.17	5.7	1.89
721	8/18/2007 00:16	20.3	52.07	34.33	9.45	8.18	4.1	1.96
722	8/18/2007 00:31	20.21	52.182	34.41	9.4	8.18	4.1	2.00
723	8/18/2007 00:46	20.03	52.167	34.4	9.26	8.16	4.2	2.09
724	8/18/2007 01:01	19.65	52.071	34.33	8.96	8.13	5.0	2.13
725	8/18/2007 01:16	19.3	52.033	34.31	8.6	8.1	4.8	2.20
726	8/18/2007 01:31	19.02	51.982	34.27	8.35	8.08	3.7	2.25
727	8/18/2007 01:46	18.81	51.931	34.23	8.23	8.07	3.7	2.31
728	8/18/2007 02:01	18.66	52.04	34.31	8.2	8.06	3.6	2.37
729	8/18/2007 02:16	18.56	51.932	34.23	8.16	8.06	3.5	2.41
730	8/18/2007 02:31	18.44	52.073	34.33	8.14	8.06	4.0	2.46
731	8/18/2007 02:46	18.14	52.09	34.34	8.07	8.05	3.6	2.51
732	8/18/2007 03:01	17.92	52.067	34.33	8.02	8.05	3.4	2.56
733	8/18/2007 03:16	17.71	51.915	34.21	7.97	8.04	3.2	2.60
734	8/18/2007 03:31	17.67	51.951	34.24	7.92	8.04	4.2	2.62
735	8/18/2007 03:46	17.48	51.906	34.2	7.9	8.03	3.1	2.66
736	8/18/2007 04:01	17.17	51.995	34.27	7.82	8.02	2.2	2.66
737	8/18/2007 04:16	17.33	52.05	34.31	7.67	8.02	2.6	2.66
738	8/18/2007 04:31	17.14	51.934	34.22	7.6	8.01	1.6	2.66
739	8/18/2007 04:46	17.22	51.992	34.26	7.54	8.01	1.1	2.61
740	8/18/2007 05:01	17.47	51.838	34.15	7.63	8.02	2.1	2.59
741	8/18/2007 05:16	18.07	51.959	34.25	7.48	8.03	2.9	2.52
742	8/18/2007 05:31	18.4	51.988	34.27	7.5	8.04	4.0	2.47
743	8/18/2007 05:46	18.46	52.124	34.37	7.28	8.03	6.6	2.40
744	8/18/2007 06:01	18.57	51.972	34.26	6.79	8	5.0	2.33
745	8/18/2007 06:16	18.55	51.923	34.22	6.64	7.99	4.8	2.26
746	8/18/2007 06:31	18.46	52.033	34.3	6.26	7.97	7.2	2.17
747	8/18/2007 06:46	18.55	52.05	34.32	6.36	7.97	4.2	2.14
748	8/18/2007 07:01	18.78	52.152	34.39	6.43	7.98	4.2	2.05
749	8/18/2007 07:16	18.69	52.104	34.36	6.48	7.98	4.6	1.98
750	8/18/2007 07:31	18.92	52.226	34.45	6.98	8.02	3.8	1.93
751	8/18/2007 07:46	19.04	52.14	34.39	7.05	8.04	3.2	1.85
752	8/18/2007 08:01	19.07	52.039	34.31	7.22	8.05	3.5	1.80
753	8/18/2007 08:16	19.28	52.159	34.4	7.43	8.07	2.7	1.75
754	8/18/2007 08:31	19.34	52.119	34.37	7.47	8.07	3.3	1.70
755	8/18/2007 08:46	19.39	52.038	34.31	7.48	8.08	2.4	1.66
756	8/18/2007 09:01	19.48	52.279	34.49	7.48	8.08	1.9	1.62
757	8/18/2007 09:16	19.59	52.111	34.36	7.26	8.08	1.2	1.63
758	8/18/2007 09:31	19.62	52.114	34.37	7.64	8.1	2.3	1.62
759	8/18/2007 09:46	19.64	52.124	34.37	7.71	8.1	2.0	1.62
760	8/18/2007 10:01	19.62	52.032	34.31	7.73	8.09	2.4	1.65
761	8/18/2007 10:16	19.58	51.928	34.23	7.71	8.09	3.0	1.68
762	8/18/2007 10:31	19.54	51.973	34.26	7.71	8.09	3.1	1.74
763	8/18/2007 10:46	19.57	52.006	34.29	7.75	8.09	3.5	1.78
764	8/18/2007 11:01	19.52	51.869	34.18	7.68	8.08	3.7	1.84
765	8/18/2007 11:16	19.5	51.803	34.14	7.6	8.07	3.7	1.91
766	8/18/2007 11:31	19.53	51.838	34.16	7.49	8.06	4.0	1.97
767	8/18/2007 11:46	19.35	51.778	34.12	7.46	8.06	3.9	2.04

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
768	8/18/2007 12:01	19.2	51.845	34.17	7.39	8.05	4.2	2.09
769	8/18/2007 12:16	19	51.906	34.21	7.37	8.04	4.8	2.17
770	8/18/2007 12:31	18.85	51.908	34.21	7.4	8.04	5.2	2.25
771	8/18/2007 12:46	18.62	51.908	34.21	7.56	8.04	5.6	2.31
772	8/18/2007 13:01	18.35	51.947	34.24	7.75	8.04	4.3	2.38
773	8/18/2007 13:16	18.2	52.139	34.38	7.77	8.04	4.4	2.45
774	8/18/2007 13:31	17.9	51.914	34.21	7.84	8.03	5.1	2.52
775	8/18/2007 13:46	17.56	51.854	34.17	7.86	8.03	5.1	2.58
776	8/18/2007 14:01	17.53	51.768	34.1	7.95	8.03	5.7	2.66
777	8/18/2007 14:16	17.21	51.805	34.13	8.15	8.04	7.0	2.74
778	8/18/2007 14:31	16.65	51.735	34.07	8.32	8.04	5.4	2.80
779	8/18/2007 14:46	16.4	51.687	34.03	8.37	8.04	5.5	2.86
780	8/18/2007 15:01	16.17	51.741	34.06	8.52	8.04	4.5	2.93
781	8/18/2007 15:16	15.88	51.731	34.05	8.67	8.05	2.8	2.98
782	8/18/2007 15:31	15.71	51.832	34.12	8.76	8.05	6.6	3.01
783	8/18/2007 15:46	15.5	51.801	34.1	8.94	8.06	2.8	3.07
784	8/18/2007 16:01	15.31	51.747	34.05	8.97	8.06	1.9	3.08
785	8/18/2007 16:16	15.66	51.754	34.06	8.74	8.05	3.0	3.08
786	8/18/2007 16:31	15.39	51.943	34.2	8.73	8.05	1.4	3.08
787	8/18/2007 16:46	15.36	51.819	34.11	8.81	8.06	3.1	3.06
788	8/18/2007 17:01	15.81	51.111	33.59	8.77	8.05	7.2	3.01
789	8/18/2007 17:16	16.52	51.448	33.85	8.79	8.07	13.8	2.94
790	8/18/2007 17:31	17.43	51.721	34.07	8.84	8.09	4.1	2.88
791	8/18/2007 17:46	17.85	51.797	34.13	8.81	8.09	4.4	2.82
792	8/18/2007 18:01	17.73	51.812	34.14	8.81	8.09	3.4	2.73
793	8/18/2007 18:16	18.13	51.774	34.11	8.98	8.1	4.3	2.64
794	8/18/2007 18:31	18.52	51.947	34.24	9.1	8.12	5.4	2.56
795	8/18/2007 18:46	18.62	51.842	34.16	9.11	8.12	4.9	2.48
796	8/18/2007 19:01	18.78	51.982	34.27	8.94	8.11	5.0	2.40
797	8/18/2007 19:16	18.87	51.972	34.26	8.84	8.11	4.0	2.31
798	8/18/2007 19:31	18.97	51.966	34.26	9.01	8.12	4.6	2.22
799	8/18/2007 19:46	19.01	51.806	34.14	9.05	8.12	4.5	2.14
800	8/18/2007 20:01	18.95	51.85	34.17	8.91	8.12	4.3	2.05
801	8/18/2007 20:16	19.25	52.102	34.36	9	8.13	4.5	1.97
802	8/18/2007 20:31	19.61	52.112	34.36	9.13	8.15	4.5	1.88
803	8/18/2007 20:46	19.59	52.128	34.38	9.1	8.15	4.6	1.80
804	8/18/2007 21:01	19.89	51.275	33.75	9.22	8.17	3.6	1.72
805	8/18/2007 21:16	20.05	52.195	34.42	9.21	8.18	2.8	1.64
806	8/18/2007 21:31	20.35	52.251	34.46	9.41	8.2	2.5	1.58
807	8/18/2007 21:46	20.4	52.165	34.4	9.35	8.2	2.2	1.53
808	8/18/2007 22:01	20.5	52.223	34.44	9.36	8.2	2.1	1.49
809	8/18/2007 22:16	20.67	52.258	34.47	9.28	8.21	1.8	1.48
810	8/18/2007 22:31	20.75	52.393	34.57	9.09	8.2	1.3	1.45
811	8/18/2007 22:46	20.79	52.324	34.52	8.92	8.2	1.0	1.44
812	8/18/2007 23:01	20.71	52.25	34.46	9.52	8.22	2.6	1.48
813	8/18/2007 23:16	20.6	52.268	34.48	9.41	8.21	2.6	1.49
814	8/18/2007 23:31	20.5	52.305	34.5	9.34	8.2	2.7	1.53
815	8/18/2007 23:46	20.44	52.254	34.47	9.29	8.19	2.4	1.57

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	8/19/2007 00:01	20.37	52.23	34.45	9.25	8.19	2.9	1.64
817	8/19/2007 00:16	20.37	52.286	34.49	9.03	8.17	3.5	1.69
818	8/19/2007 00:31	20.58	52.192	34.42	8.34	8.13	5.5	1.74
819	8/19/2007 00:46	20.61	52.103	34.35	8.14	8.11	6.1	1.81
820	8/19/2007 01:01	20.48	52.139	34.38	8.28	8.12	5.7	1.85
821	8/19/2007 01:16	20.29	52.225	34.45	8.57	8.13	4.3	1.91
822	8/19/2007 01:31	20.18	52.182	34.41	8.65	8.14	4.1	1.96
823	8/19/2007 01:46	19.99	52.012	34.29	8.61	8.13	4.0	2.01
824	8/19/2007 02:01	19.71	52.032	34.3	8.58	8.12	4.3	2.07
825	8/19/2007 02:16	19.47	52.11	34.36	8.45	8.1	4.6	2.11
826	8/19/2007 02:31	19.3	52.082	34.34	8.32	8.09	3.7	2.17
827	8/19/2007 02:46	19.17	52.052	34.32	8.22	8.08	4.0	2.21
828	8/19/2007 03:01	18.99	51.986	34.27	8.14	8.07		2.25
829	8/19/2007 03:16	18.83	51.912	34.22	8.14	8.07	3.3	2.32
830	8/19/2007 03:31	18.7	52.063	34.33	8.14	8.07	7.8	2.34
831	8/19/2007 03:46	18.59	52.203	34.43	8.12	8.06	27.8	2.39
832	8/19/2007 04:01	18.41	52.077	34.34	8.13	8.06	3.4	2.43
833	8/19/2007 04:16	18.19	51.975	34.26	8.11	8.06	3.5	2.44
834	8/19/2007 04:31	18.02	51.837	34.16	8.1	8.05	2.8	2.49
835	8/19/2007 04:46	17.99	52.036	34.3	8.03	8.05	3.4	2.49
836	8/19/2007 05:01	17.83	52.063	34.32	7.99	8.04	2.0	2.52
837	8/19/2007 05:16	18.02	52.105	34.36	7.62	8.04	1.7	2.50
838	8/19/2007 05:31	17.92	52.068	34.33	7.72	8.04	1.7	2.51
839	8/19/2007 05:46	17.9	51.874	34.18	7.7	8.04	1.5	2.48
840	8/19/2007 06:01	18.01	51.854	34.17	7.76	8.04	1.8	2.42
841	8/19/2007 06:16	18.41	52.081	34.34	7.57	8.04	3.1	2.41
842	8/19/2007 06:31	18.96	51.958	34.25	7.13	8.02	3.8	2.34
843	8/19/2007 06:46	18.95	52.009	34.29	7.06	8.02	4.2	2.29
844	8/19/2007 07:01	19.05	52.159	34.4	6.73	8	5.2	2.23
845	8/19/2007 07:16	19.06	51.91	34.22	6.6	7.99	4.2	2.17
846	8/19/2007 07:31	19.1	51.842	34.17	6.32	7.97	4.1	2.14
847	8/19/2007 07:46	19.2	52.017	34.29	6.36	7.98	3.6	2.07
848	8/19/2007 08:01	19.28	52.04	34.31	6.37	7.98	3.4	2.03
849	8/19/2007 08:16	19.44	52.131	34.38	6.55	8	2.9	1.99
850	8/19/2007 08:31	19.56	52.002	34.28	6.78	8.02	2.7	1.93
851	8/19/2007 08:46	19.57	52.109	34.36	6.76	8.02	2.5	1.91
852	8/19/2007 09:01	19.69	51.953	34.25	6.99	8.04	2.4	1.86
853	8/19/2007 09:16	19.73	52.016	34.29	6.94	8.04	2.1	1.85
854	8/19/2007 09:31	19.79	52.106	34.36	6.92	8.05	1.5	1.82
855	8/19/2007 09:46	19.82	52.249	34.46	6.62	8.03	0.8	1.82
856	8/19/2007 10:01	19.8	52.137	34.38	7.22	8.06	2.3	1.82
857	8/19/2007 10:16	19.8	52.062	34.33	7.22	8.06	2.1	1.82
858	8/19/2007 10:31	19.78	52.153	34.39	7.31	8.06	2.3	1.85
859	8/19/2007 10:46	19.75	52.189	34.42	7.28	8.06	2.3	1.86
860	8/19/2007 11:01	19.7	52.043	34.31	7.18	8.05	2.8	1.90
861	8/19/2007 11:16	19.67	52.107	34.36	7.19	8.04	2.8	1.94
862	8/19/2007 11:31	19.59	51.804	34.14	7.17	8.04	5.7	1.99
863	8/19/2007 11:46	19.51	51.897	34.21	7.14	8.03	5.3	2.04

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
864	8/19/2007 12:01	19.43	51.924	34.23	7.32	8.04	4.3	2.09
865	8/19/2007 12:16	19.36	51.736	34.09	7.43	8.04	4.8	2.14
866	8/19/2007 12:31	19.18	51.812	34.14	7.53	8.04	4.2	2.21
867	8/19/2007 12:46	19.11	51.839	34.16	7.49	8.04	4.6	2.27
868	8/19/2007 13:01	18.81	51.887	34.2	7.47	8.03	4.8	2.32
869	8/19/2007 13:16	18.6	51.767	34.11	7.66	8.04	4.8	2.38
870	8/19/2007 13:31	18.34	51.853	34.17	7.94	8.05	4.3	2.45
871	8/19/2007 13:46	18.12	51.659	34.03	8.07	8.05	4.5	2.51
872	8/19/2007 14:01	17.81	51.598	33.98	8.11	8.05	3.9	2.57
873	8/19/2007 14:16	17.59	51.636	34.01	8.21	8.05	4.8	2.64
874	8/19/2007 14:31	17.09	51.564	33.95	8.31	8.05	4.0	2.72
875	8/19/2007 14:46	16.81	51.611	33.98	8.43	8.06	3.8	2.77
876	8/19/2007 15:01	16.59	51.582	33.95	8.63	8.06	3.4	2.84
877	8/19/2007 15:16	16.3	51.657	34	8.83	8.07	6.7	2.89
878	8/19/2007 15:31	16.07	51.865	34.15	9	8.08	3.2	2.94
879	8/19/2007 15:46	15.92	51.801	34.1	9.05	8.08	2.5	2.99
880	8/19/2007 16:01	15.72	51.645	33.99	9.23	8.09	1.7	3.02
881	8/19/2007 16:16	15.68	51.791	34.09	9.17	8.09	2.0	3.06
882	8/19/2007 16:31	15.85	51.647	33.99	8.9	8.08	0.1	3.07
883	8/19/2007 16:46	15.73	51.123	33.6	8.97	8.08	1.5	3.10
884	8/19/2007 17:01	15.75	51.892	34.17	8.93	8.08	0.9	3.08
885	8/19/2007 17:16	15.68	51.794	34.09	9.05	8.09	1.1	3.04
886	8/19/2007 17:31	15.79	51.787	34.09	8.89	8.08	1.4	3.03
887	8/19/2007 17:46	16.51	51.834	34.14	9.17	8.1	1.8	2.98
888	8/19/2007 18:01	16.83	51.714	34.05	9.25	8.11	6.2	2.92
889	8/19/2007 18:16	17.15	51.739	34.08	9.1	8.1	2.6	2.85
890	8/19/2007 18:31	17.65	51.83	34.15	9.04	8.11	3.0	2.78
891	8/19/2007 18:46	18.01	51.913	34.21	9.14	8.12	2.8	2.71
892	8/19/2007 19:01	18.56	51.827	34.15	9.35	8.14	3.8	2.63
893	8/19/2007 19:16	18.84	51.83	34.16	9.3	8.14	3.6	2.55
894	8/19/2007 19:31	18.72	51.902	34.21	9.32	8.14	4.7	2.47
895	8/19/2007 19:46	18.68	51.845	34.17	9.3	8.14	3.4	2.40
896	8/19/2007 20:01	18.87	52.015	34.29	9.26	8.14	3.1	2.33
897	8/19/2007 20:16	18.86	51.944	34.24	9.24	8.14	3.9	2.24
898	8/19/2007 20:31	18.98	51.913	34.22	9.06	8.13	4.2	2.17
899	8/19/2007 20:46	19.05	51.928	34.23	8.84	8.12	3.9	2.09
900	8/19/2007 21:01	19.23	52.041	34.31	8.66	8.12	4.0	2.01
901	8/19/2007 21:16	19.17	52.03	34.3	8.55	8.11	5.3	1.91
902	8/19/2007 21:31	19.47	52.024	34.3	8.47	8.11	9.0	1.84
903	8/19/2007 21:46	19.43	50.883	33.46	8.34	8.1	5.5	1.77
904	8/19/2007 22:01	19.67	51.986	34.27	8.2	8.1	3.4	1.69
905	8/19/2007 22:16	19.65	51.966	34.26	8.11	8.09	3.5	1.62
906	8/19/2007 22:31	19.99	52.002	34.28	8.11	8.11	3.2	1.56
907	8/19/2007 22:46	20.2	51.75	34.09	8.13	8.12	2.5	1.54
908	8/19/2007 23:01	20.4	52.07	34.33	8.17	8.13	1.6	1.50
909	8/19/2007 23:16	20.41	52.183	34.41	8.02	8.11	8.1	1.46
910	8/19/2007 23:31	20.51	52.185	34.41	7.54	8.09	5.4	1.48
911	8/19/2007 23:46	20.6	52.149	34.39	8.36	8.15	1.8	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
912	8/20/2007 00:01	20.59	52.462	34.62	8.41	8.14	15.3	1.48
913	8/20/2007 00:16	20.55	52.273	34.48	8.39	8.14	2.4	1.51
914	8/20/2007 00:31	20.48	52.287	34.49	8.43	8.14	2.2	1.55
915	8/20/2007 00:46	20.48	52.125	34.37	8.46	8.14	2.5	1.59
916	8/20/2007 01:01	20.45	52.185	34.42	8.41	8.14	4.5	1.61
917	8/20/2007 01:16	20.43	52.211	34.43	8.42	8.13	3.1	1.67
918	8/20/2007 01:31	20.55	51.958	34.25	7.99	8.1	4.4	1.73
919	8/20/2007 01:46	20.5	52.13	34.37	7.92	8.09	4.4	1.76
920	8/20/2007 02:01	20.43	52.13	34.37	7.79	8.09	4.6	1.80
921	8/20/2007 02:16	20.33	52.108	34.36	7.93	8.09	4.5	1.87
922	8/20/2007 02:31	20.24	52.054	34.32	8.11	8.1	3.8	1.91
923	8/20/2007 02:46	20.14	52.067	34.33	8.14	8.1	3.9	1.94
924	8/20/2007 03:01	20.06	52.044	34.31	8.15	8.1	3.4	2.00
925	8/20/2007 03:16	19.83	51.948	34.24	8.21	8.1	4.0	2.06
926	8/20/2007 03:31	19.66	51.903	34.21	8.2	8.09	5.1	2.10
927	8/20/2007 03:46	19.47	52.085	34.34	8.15	8.09	3.7	2.15
928	8/20/2007 04:01	19.39	51.873	34.19	8.07	8.08	3.7	2.18
929	8/20/2007 04:16	19.31	52.166	34.4	8.04	8.07	3.1	2.22
930	8/20/2007 04:31	19.22	52.079	34.34	8	8.07	3.6	2.27
931	8/20/2007 04:46	19.18	52.274	34.48	7.93	8.07	3.8	2.29
932	8/20/2007 05:01	19.06	52.056	34.32	7.97	8.07	3.4	2.33
933	8/20/2007 05:16	18.99	52.071	34.33	7.97	8.06	4.2	2.35
934	8/20/2007 05:31	18.91	52.07	34.33	7.9	8.06	3.9	2.38
935	8/20/2007 05:46	18.86	52.207	34.43	7.63	8.05	6.3	2.38
936	8/20/2007 06:01	18.96	52.194	34.43	7.48	8.04	1.7	2.39
937	8/20/2007 06:16	18.84	52.099	34.35	7.08	8.03	1.2	2.40
938	8/20/2007 06:31	18.83	52.132	34.38	7.39	8.03	8.4	2.39
939	8/20/2007 06:46	18.82	52.047	34.32	7.57	8.05	5.7	2.36
940	8/20/2007 07:01	18.89	52.137	34.38	7.51	8.03	3.7	2.35
941	8/20/2007 07:16	19.03	51.684	34.05	7.46	8.03	2.4	2.32
942	8/20/2007 07:31	19.15	52.069	34.33	7.41	8.04	3.5	2.29
943	8/20/2007 07:46	19.28	52.018	34.29	7.2	8.03	3.3	2.24
944	8/20/2007 08:01	19.46	52.146	34.39	6.63	7.99	3.7	2.22
945	8/20/2007 08:16	19.64	51.971	34.26	6.36	7.98	3.4	2.18
946	8/20/2007 08:31	19.68	52.022	34.3	6.32	7.97	3.9	2.12
947	8/20/2007 08:46	19.74	52.117	34.37	6.28	7.97	3.2	2.12
948	8/20/2007 09:01	19.78	51.944	34.24	6.24	7.97	3.4	2.07
949	8/20/2007 09:16	19.87	51.933	34.23	6.47	7.99	2.8	2.04
950	8/20/2007 09:31	19.97	51.91	34.21	6.47	7.98	2.0	2.04
951	8/20/2007 09:46	20.01	52.195	34.42	6.46	8	5.6	2.01
952	8/20/2007 10:01	20.08	52.138	34.38	6.53	8.01	2.3	1.99
953	8/20/2007 10:16	20.11	52.122	34.37	6.27	7.99	2.1	1.99
954	8/20/2007 10:31	20.16	52.122	34.37	6.14	8.01	1.4	2.01
955	8/20/2007 10:46	20.15	51.925	34.22	6.53	8	3.0	1.99
956	8/20/2007 11:01	20.08	52.052	34.32	6.71	8.01	4.8	2.01
957	8/20/2007 11:16	20	52.057	34.32	6.84	8.01	3.6	2.03
958	8/20/2007 11:31	19.91	52.084	34.34	6.7	8	3.7	2.04
959	8/20/2007 11:46	19.87	51.857	34.18	6.72	8	5.1	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
960	8/20/2007 12:01	19.86	51.965	34.25	6.81	8.01	6.0	2.10
961	8/20/2007 12:16	19.81	51.961	34.25	6.86	8.01	6.2	2.14
962	8/20/2007 12:31	19.63	51.846	34.17	7.14	8.02	4.9	2.17
963	8/20/2007 12:46	19.62	51.751	34.1	7.25	8.03	4.3	2.21
964	8/20/2007 13:01	19.68	51.846	34.17	7.41	8.04	3.8	2.26
965	8/20/2007 13:16	19.46	51.913	34.22	7.46	8.04	3.6	2.32
966	8/20/2007 13:31	19.28	51.868	34.18	7.53	8.04	3.9	2.35
967	8/20/2007 13:46	18.97	51.55	33.95	7.66	8.04	4.1	2.42
968	8/20/2007 14:01	18.74	51.516	33.92	7.8	8.05	4.6	2.47
969	8/20/2007 14:16	18.45	51.591	33.98	8.02	8.05	3.7	2.53
970	8/20/2007 14:31	17.99	51.716	34.07	8.28	8.06	3.2	2.58
971	8/20/2007 14:46	17.66	51.643	34.01	8.36	8.07	3.4	2.64
972	8/20/2007 15:01	17.41	51.743	34.08	8.47	8.07	3.4	2.70
973	8/20/2007 15:16	17.28	51.486	33.89	8.52	8.07	3.5	2.75
974	8/20/2007 15:31	17.07	51.38	33.81	8.6	8.07	2.7	2.79
975	8/20/2007 15:46	16.84	51.438	33.85	8.66	8.08	2.3	2.84
976	8/20/2007 16:01	16.71	50.685	33.3	8.8	8.08	2.1	2.90
977	8/20/2007 16:16	16.6	51.403	33.82	8.89	8.09	1.6	2.94
978	8/20/2007 16:31	16.59	51.527	33.91	9.04	8.1	1.8	2.96
979	8/20/2007 16:46	16.37	51.329	33.76	9.03	8.1	1.5	3.00
980	8/20/2007 17:01	16.36	51.236	33.7	9.01	8.1	1.1	3.03
981	8/20/2007 17:16	16.33	51.335	33.77	8.81	8.09	12.9	3.04
982	8/20/2007 17:31	16.44	51.301	33.74	8.61	8.08	0.6	3.03
983	8/20/2007 17:46	16.43	51.319	33.76	8.66	8.08	0.9	3.04
984	8/20/2007 18:01	16.45	51.429	33.84	8.75	8.08	0.7	3.03
985	8/20/2007 18:16	16.59	51.372	33.8	8.72	8.08	1.6	2.98
986	8/20/2007 18:31	16.92	51.515	33.91	8.98	8.1	1.7	2.94
987	8/20/2007 18:46	17.22	51.359	33.8	9.23	8.12	2.0	2.89
988	8/20/2007 19:01	17.69	51.517	33.92	9.08	8.11	2.3	2.83
989	8/20/2007 19:16	18.16	51.656	34.02	9.08	8.12	2.9	2.76
990	8/20/2007 19:31	18.52	51.401	33.84	9.04	8.12	2.4	2.70
991	8/20/2007 19:46	18.68	51.637	34.01	9.02	8.12	3.4	2.63
992	8/20/2007 20:01	19.15	51.741	34.09	9.08	8.13	3.6	2.54
993	8/20/2007 20:16	19.15	51.791	34.13	8.88	8.12	3.9	2.48
994	8/20/2007 20:31	19.26	51.845	34.17	8.99	8.13	12.3	2.41
995	8/20/2007 20:46	19.33	51.913	34.22	8.96	8.13	5.1	2.33
996	8/20/2007 21:01	19.45	52.056	34.32	8.78	8.12	3.9	2.25
997	8/20/2007 21:16	19.38	51.75	34.1	8.68	8.11	3.9	2.19
998	8/20/2007 21:31	19.34	51.755	34.1	8.47	8.1	4.2	2.11
999	8/20/2007 21:46	19.63	52.075	34.34	8.37	8.1	5.5	2.02
1000	8/20/2007 22:01	19.51	52.05	34.32	8.2	8.09	3.7	1.93
1001	8/20/2007 22:16	19.66	52.142	34.39	8.06	8.08		1.87
1002	8/20/2007 22:31	19.95	51.588	33.98	7.99	8.09	3.0	1.78
1003	8/20/2007 22:46	19.97	52.061	34.33	7.83	8.08	3.4	1.70
1004	8/20/2007 23:01	20.08	52.116	34.37	7.66	8.07	3.2	1.63
1005	8/20/2007 23:16	20.09	52.046	34.31	7.52	8.06	2.6	1.58
1006	8/20/2007 23:31	20.35	52.23	34.45	7.59	8.07	3.2	1.53
1007	8/20/2007 23:46	20.37	51.047	33.58	7.56	8.07	2.3	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
1008	8/21/2007 00:01	20.56	51.477	33.89	7.51	8.07	22.0	1.45
1009	8/21/2007 00:16	20.66	52.247	34.46	7.36	8.07		1.45
1010	8/21/2007 00:31	20.73	51.79	34.12	6.45	8.02	0.3	1.45
1011	8/21/2007 00:46	20.66	51.262	33.73	7.3	8.07	1.8	1.42
1012	8/21/2007 01:01	20.73	51.306	33.76	7.75	8.09	2.3	1.45
1013	8/21/2007 01:16	20.72	52.364	34.55	7.78	8.1	2.0	1.48
1014	8/21/2007 01:31	20.65	52.352	34.54	7.71	8.09		1.49
1015	8/21/2007 01:46	20.69	52.36	34.54	7.82	8.1		1.53
1016	8/21/2007 02:01	20.69	51.962	34.25	7.87	8.1	13.9	1.55
1017	8/21/2007 02:16	20.67	52.234	34.45	7.8	8.1	10.5	1.61
1018	8/21/2007 02:31	20.64	51.85	34.17	7.8	8.1	4.8	1.63
1019	8/21/2007 02:46	20.67	52.132	34.37	7.61	8.08	5.8	1.67
1020	8/21/2007 03:01	20.65	51.792	34.12	7.6	8.07	5.1	1.74
1021	8/21/2007 03:16	20.66	51.837	34.16	7.43	8.06	6.7	1.77
1022	8/21/2007 03:31	20.63	51.199	33.69	7.38	8.06	5.9	1.81
1023	8/21/2007 03:46	20.56	51.225	33.71	7.57	8.06	4.2	1.86
1024	8/21/2007 04:01	20.47	51.956	34.25	7.66	8.07	12.3	1.91
1025	8/21/2007 04:16	20.4	51.062	33.59	7.69	8.07	7.6	1.96
1026	8/21/2007 04:31	20.29	51.311	33.77	7.74	8.07	8.3	1.99
1027	8/21/2007 04:46	20.14	51.748	34.09	7.83	8.07	6.5	2.05
1028	8/21/2007 05:01	19.92	51.033	33.57	7.91	8.07	3.2	2.09
1029	8/21/2007 05:16	19.82	51.016	33.56	7.87	8.07	4.8	2.12
1030	8/21/2007 05:31	19.73	51.514	33.92	7.87	8.07	3.3	2.16
1031	8/21/2007 05:46	19.53	51.741	34.09	7.94	8.07		2.20
1032	8/21/2007 06:01	19.38	51.679	34.04	7.99	8.07	3.1	2.24
1033	8/21/2007 06:16	19.3	52.046	34.32	7.94	8.07	3.4	2.25
1034	8/21/2007 06:31	19.28	51.513	33.92	7.95	8.07	4.3	2.29
1035	8/21/2007 06:46	19.19	51.741	34.09	7.98	8.07	2.6	2.32
1036	8/21/2007 07:01	19.17	51.434	33.86	7.91	8.06	3.2	2.32
1037	8/21/2007 07:16	19.19	51.169	33.67	7.37	8.03	1.2	2.34
1038	8/21/2007 07:31	19.22	51.768	34.11	7.22	8.04	2.4	2.35
1039	8/21/2007 07:46	19.16	51.55	33.95	7.33	8.04	2.1	2.35
1040	8/21/2007 08:01	19.14	51.405	33.84	7.5	8.05	2.8	2.35
1041	8/21/2007 08:16	19.14	51.348	33.8	7.48	8.03	2.3	2.33
1042	8/21/2007 08:31	19.14	51.903	34.21	7.61	8.05	2.9	2.31
1043	8/21/2007 08:46	19.19	51.948	34.24	7.47	8.04	2.3	2.31
1044	8/21/2007 09:01	19.23	51.794	34.13	7.46	8.04	1.3	2.28
1045	8/21/2007 09:16	19.34	51.767	34.11	7.35	8.04	2.1	2.24
1046	8/21/2007 09:31	19.51	51.756	34.1	7.18	8.03	2.6	2.22
1047	8/21/2007 09:46	19.72	51.88	34.19	6.72	7.99	3.7	2.19
1048	8/21/2007 10:01	19.79	51.93	34.23	6.56	7.99	4.1	2.17
1049	8/21/2007 10:16	19.83	52.099	34.35	6.64	7.98	4.5	2.14
1050	8/21/2007 10:31	19.91	51.97	34.26	6.73	8	3.1	2.12
1051	8/21/2007 10:46	19.99	51.928	34.23	6.86	8.01	3.9	2.12
1052	8/21/2007 11:01	20.08	51.898	34.2	6.98	8.02	2.9	2.10
1053	8/21/2007 11:16	20.14	51.827	34.15	6.8	8.02	1.8	2.11
1054	8/21/2007 11:31	20.17	51.882	34.19	6.65	8.01	2.7	2.10
1055	8/21/2007 11:46	20.12	51.922	34.22	7	8.02	3.6	2.12

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
1056	8/21/2007 12:01	19.97	52.02	34.3	7.03	8.01	4.0	2.13
1057	8/21/2007 12:16	19.94	51.666	34.03	7.02	8.01	5.1	2.14
1058	8/21/2007 12:31	19.92	51.35	33.8	7.14	8.02	4.3	2.17
1059	8/21/2007 12:46	19.89	51.858	34.18	7.07	8.02	4.7	2.19
1060	8/21/2007 13:01	19.84	51.848	34.17	7.18	8.03	4.0	2.22
1061	8/21/2007 13:16	19.74	51.493	33.91	7.25	8.03	4.5	2.24
1062	8/21/2007 13:31	19.69	51.663	34.03	7.34	8.04	4.3	2.28
1063	8/21/2007 13:46	19.6	51.587	33.98	7.52	8.05	4.5	2.32
1064	8/21/2007 14:01	19.46	51.521	33.93	7.61	8.05	3.7	2.35
1065	8/21/2007 14:16	19.41	51.518	33.93	7.77	8.06	3.0	2.39
1066	8/21/2007 14:31	19.28	51.493	33.91	7.86	8.06	4.0	2.43
1067	8/21/2007 14:46	19.26	51.523	33.93	8.1	8.07	3.2	2.48
1068	8/21/2007 15:01	18.97	51.377	33.82	8.07	8.07	3.7	2.52
1069	8/21/2007 15:16	19.2	51.414	33.85	8.45	8.09	3.6	2.57
1070	8/21/2007 15:31	18.99	51.633	34.01	8.59	8.09	3.4	2.63
1071	8/21/2007 15:46	18.56	51.596	33.98	8.69	8.09	2.6	2.67
1072	8/21/2007 16:01	18.27	50.995	33.54	8.82	8.1	2.5	2.71
1073	8/21/2007 16:16	18.09	51.393	33.83	9.05	8.11	2.3	2.77
1074	8/21/2007 16:31	18.11	51.213	33.7	9.14	8.12	1.8	2.82
1075	8/21/2007 16:46	17.91	51.318	33.77	9.24	8.13	1.8	2.86
1076	8/21/2007 17:01	17.87	51.418	33.85	9.37	8.14	1.8	2.90
1077	8/21/2007 17:16	17.76	51.588	33.97	9.43	8.14	2.0	2.94
1078	8/21/2007 17:31	17.34	51.472	33.88	9.2	8.12	1.2	2.97
1079	8/21/2007 17:46	16.98	51.471	33.88	8.97	8.11	1.2	2.99
1080	8/21/2007 18:01	16.82	51.516	33.91	7.81	8.05	0.0	2.99
1081	8/21/2007 18:16	16.67	51.264	33.72	8.57	8.09	0.3	3.01
1082	8/21/2007 18:31	16.76	51.249	33.71	8.67	8.09	0.6	3.00
1083	8/21/2007 18:46	17.48	51.195	33.68	9.05	8.12	1.8	2.98
1084	8/21/2007 19:01	17.75	51.256	33.73	8.93	8.12	1.4	2.96
1085	8/21/2007 19:16	17.88	51.438	33.86	8.9	8.11	1.7	2.92
1086	8/21/2007 19:31	18.14	51.31	33.77	8.84	8.11	2.6	2.88
1087	8/21/2007 19:46	18.46	51.339	33.79	8.73	8.11	2.7	2.83
1088	8/21/2007 20:01	18.92	51.717	34.07	8.55	8.12	5.1	2.77
1089	8/21/2007 20:16	18.95	51.524	33.93	8.45	8.12	4.2	2.70
1090	8/21/2007 20:31	18.71	51.411	33.85	8.4	8.11		2.64
1091	8/21/2007 20:46	18.8	51.508	33.92	8.36	8.1	25.2	2.57
1092	8/21/2007 21:01	19.1	51.663	34.03	8.3	8.1	4.8	2.49
1093	8/21/2007 21:16	19.2	51.559	33.96	8.21	8.1	23.0	2.43
1094	8/21/2007 21:31	19.16	51.576	33.97	8.03	8.09	3.9	2.36
1095	8/21/2007 21:46	19.38	51.657	34.03	7.94	8.09	7.1	2.29
1096	8/21/2007 22:01	19.28	51.649	34.02	7.9	8.09	10.0	2.19
1097	8/21/2007 22:16	19.4	51.568	33.96	7.74	8.08	5.2	2.13
1098	8/21/2007 22:31	19.62	51.723	34.08	7.71	8.08	5.9	2.05
1099	8/21/2007 22:46	19.36	51.784	34.12	7.62	8.07	5.4	1.97
1100	8/21/2007 23:01	19.63	51.763	34.11	7.51	8.07	5.5	1.88
1101	8/21/2007 23:16	19.62	51.806	34.14	7.39	8.07	6.2	1.80
1102	8/21/2007 23:31	19.69	51.728	34.08	7.27	8.06	5.9	1.72
1103	8/21/2007 23:46	19.57	51.877	34.19	7.1	8.05	5.4	1.63

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
1104	8/22/2007 00:01	19.82	51.952	34.25	7.05	8.05	10.3	1.57
1105	8/22/2007 00:16	19.9	51.801	34.13	6.96	8.05	5.1	1.51
1106	8/22/2007 00:31	20.05	51.802	34.13	6.9	8.05	4.6	1.45
1107	8/22/2007 00:46	20.14	51.695	34.05	6.88	8.05	5.8	1.41
1108	8/22/2007 01:01	20.21	51.855	34.17	6.82	8.05	6.8	1.36
1109	8/22/2007 01:16	20.35	51.982	34.27	6.82	8.06	7.5	1.33
1110	8/22/2007 01:31	20.35	51.906	34.21	6.11	8.03	4.1	1.34
1111	8/22/2007 01:46	20.3	52.098	34.35	5.52	7.98	14.9	1.31
1112	8/22/2007 02:01	20.27	52.091	34.35	6.4	8.04	5.0	1.31
1113	8/22/2007 02:16	20.4	51.701	34.06	6.84	8.07	6.0	1.35
1114	8/22/2007 02:31	20.38	52.065	34.33	6.88	8.08	7.6	1.37
1115	8/22/2007 02:46	20.32	51.819	34.15	6.89	8.08	5.4	1.39
1116	8/22/2007 03:01	20.35	51.632	34.01	6.93	8.08	6.2	1.43
1117	8/22/2007 03:16	20.35	50.672	33.3	7.05	8.09	5.5	1.49
1118	8/22/2007 03:31	20.34	52.124	34.37	6.99	8.09	6.7	1.53
1119	8/22/2007 03:46	20.32	52.155	34.39	6.92	8.08	7.0	1.56
1120	8/22/2007 04:01	20.3	52.093	34.35	6.9	8.08	5.7	1.61
1121	8/22/2007 04:16	20.38	51.878	34.19	6.81	8.06	8.0	1.66
1122	8/22/2007 04:31	20.45	51.241	33.72	6.73	8.04	19.6	1.72
1123	8/22/2007 04:46	20.44	51.773	34.11	6.7	8.05	7.3	1.75
1124	8/22/2007 05:01	20.38	51.974	34.26	6.76	8.05	10.9	1.81
1125	8/22/2007 05:16	20.32	51.948	34.24	6.85	8.06	6.4	1.86
1126	8/22/2007 05:31	20.27	51.905	34.21	6.84	8.06	8.9	1.90
1127	8/22/2007 05:46	20.2	52.095	34.35	6.91	8.06	6.3	1.96
1128	8/22/2007 06:01	20.14	51.43	33.86	6.94	8.06	10.1	2.01
1129	8/22/2007 06:16	20.04	51.591	33.98	7.06	8.06		2.05
1130	8/22/2007 06:31	19.82	51.57	33.96	7.26	8.07	4.4	2.10
1131	8/22/2007 06:46	19.61	51.477	33.9	7.43	8.07	5.1	2.15
1132	8/22/2007 07:01	19.47	51.368	33.82	7.54	8.07	3.3	2.18
1133	8/22/2007 07:16	19.35	51.235	33.72	7.64	8.07	3.6	2.22
1134	8/22/2007 07:31	19.28	51.026	33.56	7.67	8.08	4.1	2.26
1135	8/22/2007 07:46	19.2	51.084	33.61	7.72	8.08	5.1	2.28
1136	8/22/2007 08:01	19.15	51.044	33.58	7.71	8.08	3.2	2.32
1137	8/22/2007 08:16	19.05	51.243	33.72	7.63	8.07	3.4	2.33
1138	8/22/2007 08:31	18.88	51.126	33.64	7.71	8.07	2.6	2.36
1139	8/22/2007 08:46	18.81	51.2	33.69	7.61	8.07	2.8	2.38
1140	8/22/2007 09:01	18.97	51.115	33.63	7.2	8.05	2.1	2.37
1141	8/22/2007 09:16	18.8	51.128	33.64	7.44	8.06	2.6	2.38
1142	8/22/2007 09:31	18.82	51.097	33.61	7.4	8.06	2.8	2.38
1143	8/22/2007 09:46	18.83	51.119	33.63	7.28	8.06	2.7	2.37
1144	8/22/2007 10:01	18.82	51.075	33.6	7.14	8.04	15.7	2.36
1145	8/22/2007 10:16	18.89	51.123	33.63	7.28	8.06	3.9	2.34
1146	8/22/2007 10:31	18.98	51.222	33.71	7.05	8.04	2.8	2.32
1147	8/22/2007 10:46	19.07	51.166	33.67	7.2	8.05	9.4	2.30
1148	8/22/2007 11:01	19.19	51.171	33.67	7.08	8.05	3.4	2.27
1149	8/22/2007 11:16	19.38	51.214	33.7	6.62	8.02	4.0	2.26
1150	8/22/2007 11:31	19.56	51.284	33.75	6.44	8.01	4.2	2.23
1151	8/22/2007 11:46	19.65	51.413	33.85	6.12	7.99	2.0	2.21

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	8/22/2007 12:01	19.75	51.275	33.75	6.31	7.99	5.7	2.20
1153	8/22/2007 12:16	19.84	51.361	33.81	6.49	8.02	4.3	2.18
1154	8/22/2007 12:31	19.94	51.446	33.87	6.47	8	5.0	2.18
1155	8/22/2007 12:46	20.07	51.351	33.8	6.48	8.02	0.7	2.18
1156	8/22/2007 13:01	19.91	51.347	33.8	7.02	8.04	4.8	2.18
1157	8/22/2007 13:16	19.74	51.166	33.67	7.09	8.04	6.5	2.19
1158	8/22/2007 13:31	19.59	51.395	33.83	7.14	8.04	4.8	2.20
1159	8/22/2007 13:46	19.61	51.298	33.76	7.37	8.06	5.0	2.22
1160	8/22/2007 14:01	19.81	51.327	33.78	7.44	8.06	5.4	2.25
1161	8/22/2007 14:16	19.66	51.142	33.65	7.4	8.06	6.6	2.27
1162	8/22/2007 14:31	19.46	51.24	33.72	7.42	8.06	3.5	2.30
1163	8/22/2007 14:46	19.49	51.17	33.67	7.7	8.07	7.7	2.34
1164	8/22/2007 15:01	19.3	51.229	33.71	7.73	8.07	3.7	2.37
1165	8/22/2007 15:16	19.52	51.247	33.73	7.95	8.09	3.4	2.40
1166	8/22/2007 15:31	19.26	51.296	33.76	7.97	8.08	3.4	2.45
1167	8/22/2007 15:46	19.31	51.31	33.77	8.2	8.1	3.3	2.49
1168	8/22/2007 16:01	18.87	51.15	33.65	8.28	8.1	3.7	2.53
1169	8/22/2007 16:16	18.85	51.112	33.63	8.55	8.11	3.8	2.58
1170	8/22/2007 16:31	18.81	51.143	33.65	8.69	8.12	4.0	2.62
1171	8/22/2007 16:46	18.78	50.9	33.47	8.83	8.12	4.2	2.67
1172	8/22/2007 17:01	18.56	50.903	33.47	8.93	8.13	3.1	2.72
1173	8/22/2007 17:16	18.26	51.016	33.55	8.96	8.13	3.5	2.76
1174	8/22/2007 17:31	17.64	51.004	33.54	9.07	8.13	2.2	2.81
1175	8/22/2007 17:46	17.37	50.396	33.09	8.98	8.12		2.85
1176	8/22/2007 18:01	17.33	50.975	33.52	9.11	8.13		2.88
1177	8/22/2007 18:16	17.49	50.828	33.41	9.05	8.14	3.1	2.93
1178	8/22/2007 18:31	16.79	50.819	33.4	8.62	8.1	8.0	2.94
1179	8/22/2007 18:46	16.4	50.871	33.43	8.29	8.09	5.1	2.96
1180	8/22/2007 19:01	16.2	51.024	33.54	8.08	8.07	3.4	2.99
1181	8/22/2007 19:16	16.12	50.883	33.43	7.56	8.06	4.0	2.99
1182	8/22/2007 19:31	16.25	50.912	33.46	8.32	8.08	1.2	2.98
1183	8/22/2007 19:46	17.24	51.128	33.63	8.81	8.13	6.5	2.97
1184	8/22/2007 20:01	17.59	51.182	33.67	8.7	8.13	5.8	2.96
1185	8/22/2007 20:16	17.48	51.419	33.84	8.49	8.11	53.0	2.92
1186	8/22/2007 20:31	17.45	51.321	33.77	8.42	8.1	15.9	2.87
1187	8/22/2007 20:46	18.17	51.412	33.85	8.2	8.12	5.8	2.83
1188	8/22/2007 21:01	18.55	51.499	33.91	8.51	8.13	4.3	2.77
1189	8/22/2007 21:16	18.41	51.217	33.7	8.43	8.13	6.1	2.70
1190	8/22/2007 21:31	18.72	51.384	33.83	8.34	8.12	3.7	2.63
1191	8/22/2007 21:46	18.68	51.179	33.68	8.32	8.12	6.4	2.56
1192	8/22/2007 22:01	18.93	51.216	33.7	8.33	8.12	10.8	2.50
1193	8/22/2007 22:16	18.4	50.999	33.54	8.24	8.11	3.9	2.41
1194	8/22/2007 22:31	18.55	51.111	33.62	8.14	8.1	4.6	2.34
1195	8/22/2007 22:46	18.66	51.269	33.74	8.05	8.1	3.9	2.26
1196	8/22/2007 23:01	18.63	51.197	33.69	8.01	8.1	13.0	2.18
1197	8/22/2007 23:16	19.01	51.305	33.77	7.94	8.1	8.1	2.10
1198	8/22/2007 23:31	19.02	51.325	33.78	7.92	8.1	7.7	2.01
1199	8/22/2007 23:46	19.15	51.046	33.58	7.84	8.1	6.0	1.93

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	8/23/2007 00:01	19.22	51.32	33.78	7.72	8.1	4.4	1.84
1201	8/23/2007 00:16	19.3	51.103	33.62	7.57	8.09	3.9	1.74
1202	8/23/2007 00:31	19.46	50.991	33.54	7.33	8.08	4.6	1.66
1203	8/23/2007 00:46	19.58	51.133	33.64	7.24	8.07	5.3	1.58
1204	8/23/2007 01:01	19.69	51.18	33.68	7.13	8.07	18.0	1.49
1205	8/23/2007 01:16	19.84	51.34	33.79	7.04	8.06	3.7	1.41
1206	8/23/2007 01:31	20.01	51.251	33.73	6.97	8.06	11.8	1.36
1207	8/23/2007 01:46	20.12	51.361	33.81	6.9	8.06	3.5	1.29
1208	8/23/2007 02:01	20.28	51.517	33.92	6.89	8.06	4.3	1.24
1209	8/23/2007 02:16	20.31	51.328	33.78	6.81	8.06	8.7	1.23
1210	8/23/2007 02:31	20.43	51.351	33.8	6.74	8.07	3.5	1.20
1211	8/23/2007 02:46	20.52	51.408	33.84	6.07	8.03	1.0	1.20
1212	8/23/2007 03:01	20.48	51.139	33.64	6.76	8.07	2.6	1.20
1213	8/23/2007 03:16	20.55	51.19	33.68	7.02	8.1	5.0	1.21
1214	8/23/2007 03:31	20.57	51.016	33.55	7.17	8.1	23.7	1.25
1215	8/23/2007 03:46	20.52	50.968	33.52	7.2	8.1	15.0	1.27
1216	8/23/2007 04:01	20.53	50.963	33.51	7.24	8.11	3.7	1.31
1217	8/23/2007 04:16	20.49	51.092	33.61	7.21	8.11	11.4	1.36
1218	8/23/2007 04:31	20.48	50.626	33.27	7.13	8.1	9.7	1.40
1219	8/23/2007 04:46	20.46	50.782	33.38	7.18	8.1	15.9	1.46
1220	8/23/2007 05:01	20.55	50.718	33.33	6.98	8.07	9.7	1.51
1221	8/23/2007 05:16	20.55	50.696	33.32	6.9	8.06	9.9	1.56
1222	8/23/2007 05:31	20.46	50.35	33.06	6.99	8.07	29.4	1.61
1223	8/23/2007 05:46	20.37	50.131	32.9	7.11	8.08	61.0	1.68
1224	8/23/2007 06:01	20.3	50.619	33.26	7.16	8.08	14.5	1.73
1225	8/23/2007 06:16	20.24	50.483	33.16	7.14	8.08	4.2	1.79
1226	8/23/2007 06:31	20.09	50.053	32.85	7.23	8.08	13.1	1.85
1227	8/23/2007 06:46	19.92	49.753	32.63	7.31	8.08	8.4	1.90
1228	8/23/2007 07:01	19.6	49.652	32.55	7.48	8.08	4.2	1.98
1229	8/23/2007 07:16	19.39	49.756	32.63	7.51	8.08	5.1	2.03
1230	8/23/2007 07:31	19.22	49.55	32.48	7.55	8.08	3.8	2.08
1231	8/23/2007 07:46	19.14	48.666	31.83	7.61	8.08	6.0	2.13
1232	8/23/2007 08:01	19.09	49.763	32.64	7.6	8.08	4.3	2.18
1233	8/23/2007 08:16	19.04	49.411	32.38	7.61	8.08	6.9	2.23
1234	8/23/2007 08:31	18.98	49.369	32.35	7.64	8.09	3.4	2.26
1235	8/23/2007 08:46	18.83	49.602	32.52	7.68	8.09	3.5	2.30
1236	8/23/2007 09:01	18.71	49.743	32.62	7.68	8.08		2.34
1237	8/23/2007 09:16	18.58	49.444	32.4	7.72	8.09	3.2	2.38
1238	8/23/2007 09:31	18.51	49.426	32.39	7.74	8.09		2.39
1239	8/23/2007 09:46	18.56	49.55	32.48	7.59	8.08	4.5	2.41
1240	8/23/2007 10:01	18.46	49.629	32.54	7.57	8.08	5.4	2.45
1241	8/23/2007 10:16	18.32	49.711	32.6	7.34	8.06	2.7	2.45
1242	8/23/2007 10:31	18.35	49.662	32.56	7.48	8.07	2.6	2.44
1243	8/23/2007 10:46	18.29	49.513	32.45	7.19	8.06	3.1	2.45
1244	8/23/2007 11:01	18.29	49.42	32.38	7.36	8.07	2.6	2.43
1245	8/23/2007 11:16	18.33	49.303	32.3	7.36	8.06	3.4	2.42
1246	8/23/2007 11:31	18.41	49.374	32.35	7.38	8.07	3.1	2.38
1247	8/23/2007 11:46	18.58	49.652	32.55	7.49	8.07	2.6	2.36

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
1248	8/23/2007 12:01	18.78	49.458	32.41	7.44	8.07	5.1	2.32
1249	8/23/2007 12:16	18.98	49.622	32.53	7.41	8.07	3.2	2.30
1250	8/23/2007 12:31	19.04	49.822	32.68	7.27	8.05	12.8	2.27
1251	8/23/2007 12:46	19.04	49.767	32.64	7.16	8.06	1.8	2.24
1252	8/23/2007 13:01	19.12	50.098	32.88	7.18	8.06	1.8	2.21
1253	8/23/2007 13:16	19.26	49.858	32.71	7.37	8.07	1.8	2.21
1254	8/23/2007 13:31	19.56	49.586	32.51	7.1	8.06	1.0	2.20
1255	8/23/2007 13:46	19.78	49.669	32.57	7.33	8.06	0.0	2.18
1256	8/23/2007 14:01	19.82	49.615	32.53	7.08	8.05	0.4	2.17
1257	8/23/2007 14:16	19.82	49.592	32.51	7.94	8.1	3.1	2.18
1258	8/23/2007 14:31	19.6	49.445	32.4	7.98	8.09	3.5	2.18
1259	8/23/2007 14:46	19.47	49.711	32.6	7.73	8.08	2.7	2.19
1260	8/23/2007 15:01	19.65	49.214	32.23	7.98	8.1	2.2	2.21
1261	8/23/2007 15:16	19.66	49.708	32.59	8.05	8.1	3.3	2.23
1262	8/23/2007 15:31	19.43	49.887	32.73	7.89	8.09	4.6	2.26
1263	8/23/2007 15:46	19.33	49.895	32.73	7.81	8.09	2.6	2.29
1264	8/23/2007 16:01	19.58	50.034	32.83	8.28	8.11	2.8	2.32
1265	8/23/2007 16:16	19.48	49.815	32.67	8.29	8.11	3.0	2.37
1266	8/23/2007 16:31	19.37	49.824	32.68	8.28	8.11	3.0	2.42
1267	8/23/2007 16:46	19.05	49.825	32.68	7.96	8.1	3.1	2.46
1268	8/23/2007 17:01	18.62	49.851	32.7	8.26	8.11	2.9	2.50
1269	8/23/2007 17:16	18.61	49.839	32.69	8.46	8.12	4.1	2.55
1270	8/23/2007 17:31	18.5	49.762	32.63	8.74	8.13	2.8	2.61
1271	8/23/2007 17:46	18.3	49.782	32.65	8.83	8.13	2.3	2.65
1272	8/23/2007 18:01	17.88	49.591	32.51	8.98	8.13	2.0	2.70
1273	8/23/2007 18:16	17.06	49.733	32.6	8.64	8.11	2.4	2.76
1274	8/23/2007 18:31	16.76	49.876	32.7	8.75	8.11	2.6	2.81
1275	8/23/2007 18:46	16.52	49.39	32.35	8.94	8.12	2.1	2.86
1276	8/23/2007 19:01	16.87	49.423	32.37	9.13	8.15	1.9	2.90
1277	8/23/2007 19:16	16.93	49.173	32.19	9.55	8.17	2.1	2.95
1278	8/23/2007 19:31	16.79	49.408	32.36	9.62	8.16	1.8	2.97
1279	8/23/2007 19:46	16.66	49.524	32.45	9.49	8.16	2.1	3.01
1280	8/23/2007 20:01	16	49.686	32.55	9.09	8.12	1.8	3.03
1281	8/23/2007 20:16	15.79	49.884	32.69	8.66	8.11	1.8	3.04
1282	8/23/2007 20:31	15.81	50.275	32.98	8.59	8.1		3.04
1283	8/23/2007 20:46	15.81	50.191	32.92	8.49	8.09	25.8	3.04
1284	8/23/2007 21:01	15.78	50.249	32.96	8.51	8.09	3.7	3.02
1285	8/23/2007 21:16	15.9	50.19	32.92	8.4	8.09	1.0	2.98
1286	8/23/2007 21:31	16.63	50.347	33.05	8.45	8.1	2.3	2.95
1287	8/23/2007 21:46	16.86	50.585	33.23	8.72	8.12	1.7	2.89
1288	8/23/2007 22:01	17.41	50.466	33.14	8.76	8.13	2.1	2.83
1289	8/23/2007 22:16	17.87	50.463	33.15	8.57	8.12	6.2	2.75
1290	8/23/2007 22:31	18.17	50.682	33.31	8.26	8.11	19.4	2.68
1291	8/23/2007 22:46	18.26	50.577	33.23	8.3	8.11	24.6	2.60
1292	8/23/2007 23:01	18.47	50.661	33.29	8.03	8.1	6.2	2.52
1293	8/23/2007 23:16	18.41	50.395	33.1	7.97	8.09	3.7	2.43
1294	8/23/2007 23:31	18.48	50.298	33.03	7.87	8.09	4.4	2.34
1295	8/23/2007 23:46	18.64	50.367	33.08	7.88	8.09	38.3	2.25

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	8/24/2007 00:01	18.86	50.053	32.85	7.93	8.1		2.16
1297	8/24/2007 00:16	19.13	50.013	32.82	8.04	8.11	15.1	2.07
1298	8/24/2007 00:31	19.05	50.066	32.86	8	8.11	14.5	1.96
1299	8/24/2007 00:46	19.21	50.028	32.83	8	8.11	8.4	1.86
1300	8/24/2007 01:01	19.19	50.004	32.81	7.94	8.1	79.4	1.77
1301	8/24/2007 01:16	19.24	49.951	32.77	7.84	8.1	27.4	1.66
1302	8/24/2007 01:31	19.59	50.172	32.93	7.76	8.1	4.4	1.55
1303	8/24/2007 01:46	19.6	49.004	32.08	7.57	8.09	19.6	1.46
1304	8/24/2007 02:01	19.67	50.069	32.86	7.43	8.08	12.1	1.36
1305	8/24/2007 02:16	19.86	50.339	33.06	7.4	8.08	39.6	1.26
1306	8/24/2007 02:31	20.02	50.201	32.95	7.36	8.08	12.0	1.21
1307	8/24/2007 02:46	20.2	50.004	32.81	7.33	8.08		1.14
1308	8/24/2007 03:01	20.41	49.935	32.76	7.41	8.09	8.4	1.10
1309	8/24/2007 03:16	20.67	50.155	32.92	7.42	8.09	3.7	1.06
1310	8/24/2007 03:31	20.74	50.174	32.93	7.25	8.07	3.2	1.03
1311	8/24/2007 03:46	20.78	49.686	32.57	6.9	8.06	1.0	1.05
1312	8/24/2007 04:01	20.85	50.176	32.93	7.7	8.12	6.1	1.06
1313	8/24/2007 04:16	20.8	50.162	32.92	7.88	8.13	2.9	1.08
1314	8/24/2007 04:31	20.73	50.078	32.86	7.83	8.12	12.0	1.12
1315	8/24/2007 04:46	20.69	49.232	32.24	7.92	8.13	45.0	1.17
1316	8/24/2007 05:01	20.72	49.868	32.71	7.93	8.13		1.20
1317	8/24/2007 05:16	20.68	49.717	32.6	7.86	8.12	4.6	1.26
1318	8/24/2007 05:31	20.71	49.538	32.46	7.74	8.11	16.4	1.32
1319	8/24/2007 05:46	20.83	49.952	32.77	7.46	8.09	9.0	1.38
1320	8/24/2007 06:01	20.81	49.844	32.69	7.38	8.09	12.8	1.44
1321	8/24/2007 06:16	20.68	49.758	32.63	7.48	8.09	5.5	1.50
1322	8/24/2007 06:31	20.57	48.903	32	7.58	8.1	6.1	1.58
1323	8/24/2007 06:46	20.41	48.904	32	7.64	8.1	4.2	1.66
1324	8/24/2007 07:01	20.31	49.07	32.12	7.6	8.1	5.0	1.71
1325	8/24/2007 07:16	20.13	48.891	31.99	7.66	8.1	8.6	1.79
1326	8/24/2007 07:31	19.84	48.493	31.7	7.69	8.1	4.9	1.87
1327	8/24/2007 07:46	19.62	48.721	31.87	7.65	8.09	4.3	1.94
1328	8/24/2007 08:01	19.48	48.532	31.73	7.61	8.09	4.6	2.00
1329	8/24/2007 08:16	19.28	48.501	31.71	7.62	8.08	3.8	2.06
1330	8/24/2007 08:31	19.15	48.346	31.6	7.66	8.09	4.1	2.13
1331	8/24/2007 08:46	19.09	48.058	31.39	7.69	8.09	4.0	2.19
1332	8/24/2007 09:01	18.92	48.331	31.59	7.71	8.09	4.0	2.24
1333	8/24/2007 09:16	18.73	48.377	31.62	7.73	8.09	3.9	2.30
1334	8/24/2007 09:31	18.57	47.95	31.31	7.78	8.09	4.3	2.35
1335	8/24/2007 09:46	18.42	47.87	31.25	7.8	8.08	4.9	2.39
1336	8/24/2007 10:01	18.17	47.884	31.26	7.81	8.08	4.3	2.44
1337	8/24/2007 10:16	17.99	47.527	31	7.86	8.08	14.4	2.48
1338	8/24/2007 10:31	17.84	48.273	31.54	7.92	8.09	3.0	2.52
1339	8/24/2007 10:46	17.76	48.361	31.61	7.85	8.08	4.4	2.53
1340	8/24/2007 11:01	17.7	48.01	31.35	7.55	8.06	3.6	2.55
1341	8/24/2007 11:16	17.75	47.766	31.17	7.55	8.07	2.8	2.55
	Mean	17.92	51.62	33.99	7.91	8.06	5.4	2.21
	Standard Dev.	1.96	0.74	0.54	0.96	0.08	4.6	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

Values in bold red type indicate exceedance of established applicable criteria

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

sonde #4		Indian Island Long-Term Deployment				Water Quality Data		TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	8/24/2007 11:31	17.69	50.784	33.38	7.32	8.04		2.63
1	8/24/2007 11:46	17.64	50.895	33.46	7.52	8.06	3.8	2.63
2	8/24/2007 12:01	17.8	50.763	33.37	7.53	8.06	3.6	2.59
3	8/24/2007 12:16	18.04	50.842	33.42	7.56	8.07	4.2	2.55
4	8/24/2007 12:31	18.42	50.596	33.25	7.59	8.07	4.5	2.52
5	8/24/2007 12:46	18.63	50.683	33.31	7.54	8.07	4.9	2.47
6	8/24/2007 13:01	18.82	50.95	33.51	7.47	8.07	4.9	2.42
7	8/24/2007 13:16	18.92	51.019	33.56	7.47	8.07	5.2	2.39
8	8/24/2007 13:31	19.08	50.943	33.5	7.46	8.06	4.9	2.36
9	8/24/2007 13:46	19.13	51.018	33.56	7.66	8.06	4.9	2.31
10	8/24/2007 14:01	19.23	51.117	33.63	7.44	8.06	4.4	2.28
11	8/24/2007 14:16	19.36	50.959	33.51	7.49	8.06	4.0	2.26
12	8/24/2007 14:31	19.41	51.336	33.79	7.35	8.06	3.8	2.24
13	8/24/2007 14:46	19.46	51.035	33.57	7.28	8.05	3.3	2.22
14	8/24/2007 15:01	19.52	51.155	33.66	7.16	8.06	2.5	2.22
15	8/24/2007 15:16	19.49	50.88	33.46	7.79	8.08	4.3	2.22
16	8/24/2007 15:31	19.53	50.914	33.48	7.76	8.08	3.9	2.21
17	8/24/2007 15:46	19.54	50.92	33.49	7.84	8.08	3.8	2.23
18	8/24/2007 16:01	19.43	51.066	33.59	7.76	8.08	4.1	2.25
19	8/24/2007 16:16	19.36	50.919	33.48	7.86	8.08	3.7	2.28
20	8/24/2007 16:31	19.28	50.887	33.46	7.92	8.08	4.3	2.31
21	8/24/2007 16:46	19.18	51.341	33.8	7.77	8.07	3.9	2.34
22	8/24/2007 17:01	19.05	51.364	33.81	7.82	8.07	4.5	2.39
23	8/24/2007 17:16	18.88	51.305	33.77	7.78	8.07	4.8	2.43
24	8/24/2007 17:31	18.65	51.016	33.56	7.6	8.06	4.1	2.50
25	8/24/2007 17:46	18.17	51.189	33.68	7.55	8.05	5.1	2.55
26	8/24/2007 18:01	17.76	51.206	33.69	7.55	8.04	5.7	2.60
27	8/24/2007 18:16	17.39	51.125	33.63	7.69	8.05	5.5	2.66
28	8/24/2007 18:31	17.07	51.106	33.61	7.98	8.06	4.9	2.72
29	8/24/2007 18:46	16.74	51.066	33.58	8.1	8.06	5.3	2.79
30	8/24/2007 19:01	16.47	50.678	33.29	8.02	8.05	4.4	2.84
31	8/24/2007 19:16	16.19	50.836	33.4	7.94	8.04	4.4	2.92
32	8/24/2007 19:31	16.01	50.725	33.31	8.11	8.05	5.0	2.98
33	8/24/2007 19:46	15.61	50.734	33.31	8.23	8.05	4.6	3.03
34	8/24/2007 20:01	15.39	50.613	33.22	8.25	8.04	4.6	3.10
35	8/24/2007 20:16	15.12	50.868	33.4	8.23	8.04	5.0	3.14
36	8/24/2007 20:31	14.98	50.672	33.25	8.21	8.03	4.6	3.20
37	8/24/2007 20:46	14.92	50.799	33.35	8.17	8.03	4.3	3.23
38	8/24/2007 21:01	14.86	50.811	33.35	8.16	8.03	4.3	3.26
39	8/24/2007 21:16	14.71	50.806	33.34	8.16	8.02	3.8	3.29
40	8/24/2007 21:31	14.74	50.576	33.18	7.97	8.01	4.2	3.29
41	8/24/2007 21:46	14.72	50.787	33.33	7.99	8.01	3.4	3.28
42	8/24/2007 22:01	14.68	50.707	33.27	8	8.01	3.3	3.25
43	8/24/2007 22:16	14.73	50.691	33.26	8.04	8.01	3.4	3.21
44	8/24/2007 22:31	14.95	50.809	33.35	7.96	8.01	3.3	3.16
45	8/24/2007 22:46	15.81	51.091	33.58	7.78	8.03	4.8	3.09
46	8/24/2007 23:01	16.15	50.894	33.44	7.81	8.03	4.8	3.01
47	8/24/2007 23:16	16.54	51.124	33.62	7.74	8.04	5.8	2.92

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	8/24/2007 23:31	16.84	50.827	33.4	7.7	8.04	6.0	2.84
49	8/24/2007 23:46	17.44	51.242	33.71	7.58	8.05	5.8	2.75
50	8/25/2007 00:01	17.58	51.113	33.62	7.54	8.06	5.5	2.65
51	8/25/2007 00:16	17.84	51.13	33.63	7.65	8.07	5.0	2.56
52	8/25/2007 00:31	17.9	51.151	33.65	7.53	8.07	5.5	2.45
53	8/25/2007 00:46	18.26	51.238	33.72	7.59	8.08	6.4	2.36
54	8/25/2007 01:01	18.2	51.24	33.72	7.46	8.08	6.6	2.25
55	8/25/2007 01:16	18	51.77	34.11	7.27	8.05	6.5	2.13
56	8/25/2007 01:31	18.12	51.249	33.72	7.22	8.04	7.5	2.02
57	8/25/2007 01:46	18.06	51.272	33.74	7.1	8.03	6.8	1.92
58	8/25/2007 02:01	18.13	51.341	33.79	6.93	8.02	7.0	1.80
59	8/25/2007 02:16	18.26	51.146	33.65	6.87	8.01	7.9	1.68
60	8/25/2007 02:31	18.33	51.371	33.82	6.72	8	7.3	1.56
61	8/25/2007 02:46	18.54	51.398	33.84	6.69	8	6.7	1.45
62	8/25/2007 03:01	18.74	51.507	33.92	6.65	8	6.9	1.34
63	8/25/2007 03:16	18.91	51.413	33.85	6.62	8.01	6.1	1.25
64	8/25/2007 03:31	19.07	51.653	34.03	6.61	8.01	6.3	1.18
65	8/25/2007 03:46	19.3	51.638	34.01	6.69	8.02	6.0	1.11
66	8/25/2007 04:01	19.47	51.428	33.86	6.7	8.02	6.6	1.06
67	8/25/2007 04:16	19.74	51.77	34.11	6.72	8.04	6.6	1.01
68	8/25/2007 04:31	19.77	51.47	33.89	6.43	8.02	4.5	1.03
69	8/25/2007 04:46	19.68	51.383	33.83	6.72	8.04	5.9	1.04
70	8/25/2007 05:01	19.83	51.664	34.03	6.86	8.05	7.7	1.07
71	8/25/2007 05:16	19.69	51.789	34.13	6.81	8.04	6.0	1.11
72	8/25/2007 05:31	19.75	51.839	34.16	6.89	8.05	5.2	1.17
73	8/25/2007 05:46	19.77	51.876	34.19	6.96	8.06	4.9	1.25
74	8/25/2007 06:01	19.72	51.784	34.12	6.92	8.05	5.0	1.29
75	8/25/2007 06:16	19.62	51.703	34.06	6.86	8.04	5.6	1.37
76	8/25/2007 06:31	19.63	51.611	33.99	6.75	8.03	7.5	1.44
77	8/25/2007 06:46	19.62	51.702	34.06	6.68	8.02	7.7	1.51
78	8/25/2007 07:01	19.51	51.724	34.08	6.77	8.03	7.2	1.59
79	8/25/2007 07:16	19.37	51.18	33.68	6.77	8.02	6.5	1.66
80	8/25/2007 07:31	19.25	51.195	33.69	6.77	8.02	6.0	1.75
81	8/25/2007 07:46	19.1	51.642	34.02	6.72	8.02	7.2	1.83
82	8/25/2007 08:01	18.97	51.619	34	6.72	8.01	6.0	1.91
83	8/25/2007 08:16	18.9	51.585	33.98	6.74	8.01	6.5	2.00
84	8/25/2007 08:31	18.77	51.299	33.76	6.79	8.01	6.5	2.08
85	8/25/2007 08:46	18.69	51.435	33.86	6.78	8.01	6.9	2.15
86	8/25/2007 09:01	18.61	51.325	33.78	6.78	8	6.7	2.24
87	8/25/2007 09:16	18.5	51.338	33.79	6.8	8	7.7	2.31
88	8/25/2007 09:31	18.29	51.382	33.82	6.82	8	7.0	2.37
89	8/25/2007 09:46	18.1	51.282	33.75	6.87	8	6.8	2.44
90	8/25/2007 10:01	18.05	51.327	33.78	6.88	8	6.6	2.51
91	8/25/2007 10:16	17.66	51.1	33.61	6.95	7.99	6.9	2.57
92	8/25/2007 10:31	17.38	51.274	33.74	7.01	7.99	6.1	2.62
93	8/25/2007 10:46	17.08	51.076	33.59	7.07	7.99	5.4	2.68
94	8/25/2007 11:01	16.86	50.914	33.47	7.11	7.98	5.3	2.73
95	8/25/2007 11:16	16.48	51.635	33.99	7.12	7.98	5.2	2.76

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
96	8/25/2007 11:31	16.26	51.038	33.55	7.09	7.97	4.4	2.79
97	8/25/2007 11:46	15.91	50.916	33.45	7.05	7.96	3.8	2.81
98	8/25/2007 12:01	16	50.796	33.37	7	7.95	4.1	2.81
99	8/25/2007 12:16	16.02	51.436	33.84	6.9	7.95	3.6	2.79
100	8/25/2007 12:31	16.22	50.828	33.39	7.02	7.96	3.9	2.77
101	8/25/2007 12:46	16.56	51.553	33.93	6.97	7.97	4.6	2.73
102	8/25/2007 13:01	17.2	51.701	34.05	7.1	7.99	5.0	2.66
103	8/25/2007 13:16	17.71	51.703	34.06	7.32	8.01	6.0	2.61
104	8/25/2007 13:31	17.98	51.327	33.78	7.41	8.02	5.1	2.55
105	8/25/2007 13:46	18.07	51.83	34.15	7.54	8.02	4.8	2.50
106	8/25/2007 14:01	18.36	51.645	34.02	7.53	7.99	6.0	2.43
107	8/25/2007 14:16	18.8	51.749	34.1	7.89	8.05	4.9	2.37
108	8/25/2007 14:31	18.9	51.88	34.19	7.92	8.05	4.4	2.33
109	8/25/2007 14:46	19.07	51.757	34.1	8	8.06	4.1	2.28
110	8/25/2007 15:01	19.04	51.767	34.11	7.78	8.05	4.4	2.23
111	8/25/2007 15:16	19.16	51.703	34.06	7.58	8.04	4.2	2.19
112	8/25/2007 15:31	19.18	51.654	34.03	7.45	8.03	3.6	2.17
113	8/25/2007 15:46	19.24	51.701	34.06	7.59	8.04	3.6	2.15
114	8/25/2007 16:01	19.37	51.73	34.08	7.87	8.07	3.6	2.12
115	8/25/2007 16:16	19.41	51.724	34.08	8.17	8.08	4.7	2.13
116	8/25/2007 16:31	19.4	51.755	34.1	8.17	8.07	4.1	2.13
117	8/25/2007 16:46	19.36	51.677	34.04	8.03	8.07	4.4	2.15
118	8/25/2007 17:01	19.25	51.722	34.08	8.03	8.06	5.4	2.18
119	8/25/2007 17:16	19.33	51.875	34.19	8.05	8.07	5.3	2.21
120	8/25/2007 17:31	19.19	51.869	34.19	7.77	8.05	5.0	2.26
121	8/25/2007 17:46	19.08	51.821	34.15	7.59	8.03	5.1	2.31
122	8/25/2007 18:01	19.01	51.797	34.13	7.52	8.03	4.8	2.37
123	8/25/2007 18:16	18.76	51.862	34.18	7.48	8.02	5.5	2.43
124	8/25/2007 18:31	18.55	51.731	34.08	7.48	8.02	5.4	2.49
125	8/25/2007 18:46	18.26	51.709	34.06	7.19	8	5.4	2.56
126	8/25/2007 19:01	17.73	51.75	34.09	7.13	7.98	5.2	2.63
127	8/25/2007 19:16	17.54	51.603	33.98	7.22	7.99	6.3	2.70
128	8/25/2007 19:31	16.66	51.51	33.9	7.39	7.98	5.2	2.77
129	8/25/2007 19:46	16.24	51.619	33.98	7.18	7.96	4.9	2.84
130	8/25/2007 20:01	16.13	51.492	33.88	7.12	7.95	5.1	2.92
131	8/25/2007 20:16	15.42	51.57	33.92	7.23	7.94	5.8	2.99
132	8/25/2007 20:31	15	51.436	33.81	7.32	7.94	5.2	3.06
133	8/25/2007 20:46	14.75	51.609	33.94	7.4	7.94	5.6	3.13
134	8/25/2007 21:01	14.58	51.502	33.85	7.58	7.95	4.9	3.20
135	8/25/2007 21:16	14.37	51.578	33.9	7.8	7.96	5.0	3.26
136	8/25/2007 21:31	14.11	51.565	33.88	7.83	7.96	5.6	3.30
137	8/25/2007 21:46	14.07	51.553	33.87	7.8	7.95	4.4	3.35
138	8/25/2007 22:01	13.84	51.667	33.95	7.79	7.95	3.6	3.39
139	8/25/2007 22:16	13.83	51.445	33.79	7.74	7.95	3.6	3.40
140	8/25/2007 22:31	13.99	51.692	33.97	7.62	7.94	3.1	3.39
141	8/25/2007 22:46	13.95	51.574	33.88	7.62	7.94	3.1	3.39
142	8/25/2007 23:01	13.84	51.545	33.86	7.66	7.94	3.1	3.36
143	8/25/2007 23:16	13.93	51.628	33.92	7.62	7.94	3.0	3.29

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	8/25/2007 23:31	15.43	51.626	33.97	6.86	7.92	6.1	3.23
145	8/25/2007 23:46	15.15	51.701	34.01	6.96	7.92	5.9	3.15
146	8/26/2007 00:01	15.25	51.687	34.01	7.06	7.92	6.0	3.06
147	8/26/2007 00:16	15.17	51.662	33.99	7.15	7.93	6.0	2.96
148	8/26/2007 00:31	15.56	51.653	33.99	7.16	7.94	6.3	2.85
149	8/26/2007 00:46	16.42	51.599	33.96	7.13	7.96	6.1	2.75
150	8/26/2007 01:01	17.03	51.674	34.03	7.04	7.97	6.3	2.63
151	8/26/2007 01:16	17.48	51.797	34.12	6.87	7.97	7.5	2.52
152	8/26/2007 01:31	17.62	51.915	34.21	6.8	7.97	8.7	2.41
153	8/26/2007 01:46	17.66	51.77	34.1	6.78	7.96	7.5	2.29
154	8/26/2007 02:01	17.06	51.712	34.06	6.87	7.95	7.8	2.16
155	8/26/2007 02:16	17.56	51.936	34.23	6.82	7.97	7.3	2.03
156	8/26/2007 02:31	17.73	51.763	34.1	6.82	7.97	6.9	1.91
157	8/26/2007 02:46	17.87	51.954	34.24	6.73	7.96	7.0	1.77
158	8/26/2007 03:01	18.15	51.962	34.25	6.68	7.96	8.1	1.64
159	8/26/2007 03:16	18.17	51.996	34.28	6.6	7.95	7.0	1.51
160	8/26/2007 03:31	18.16	51.936	34.23	6.43	7.94	7.1	1.36
161	8/26/2007 03:46	18.49	51.877	34.19	6.45	7.95	7.2	1.26
162	8/26/2007 04:01	18.8	51.922	34.22	6.54	7.97	7.2	1.16
163	8/26/2007 04:16	19.1	52.087	34.35	6.6	7.98	7.3	1.05
164	8/26/2007 04:31	19.18	52.117	34.37	6.6	7.99	6.1	0.99
165	8/26/2007 04:46	19.19	51.969	34.26	6.51	7.98	5.8	0.95
166	8/26/2007 05:01	19.38	52.068	34.33	6.43	7.99	5.1	0.91
167	8/26/2007 05:16	19.2	52.065	34.33	6.53	7.98	6.3	0.93
168	8/26/2007 05:31	19.15	52.048	34.32	6.61	7.99	6.0	0.96
169	8/26/2007 05:46	19.22	52.123	34.37	6.69	7.99	5.3	1.00
170	8/26/2007 06:01	19.53	52.057	34.32	6.89	8.02	5.6	1.07
171	8/26/2007 06:16	19.6	52.019	34.3	7.05	8.03	5.3	1.13
172	8/26/2007 06:31	19.66	52.065	34.33	7.23	8.04	5.4	1.20
173	8/26/2007 06:46	19.6	52.017	34.29	7.09	8.03	6.3	1.27
174	8/26/2007 07:01	19.71	51.837	34.16	6.9	8.01	8.6	1.34
175	8/26/2007 07:16	19.68	51.759	34.1	6.87	8.01	8.4	1.42
176	8/26/2007 07:31	19.65	51.878	34.19	6.93	8.02	7.8	1.49
177	8/26/2007 07:46	19.39	52.042	34.31	6.91	8.01	6.7	1.58
178	8/26/2007 08:01	19.25	52.05	34.32	6.84	8	6.8	1.67
179	8/26/2007 08:16	19.14	52.048	34.32	6.83	8	6.1	1.77
180	8/26/2007 08:31	19.09	51.971	34.26	6.84	8	7.2	1.85
181	8/26/2007 08:46	18.92	51.888	34.2	6.82	7.99	7.0	1.96
182	8/26/2007 09:01	18.75	51.796	34.13	6.76	7.98	7.8	2.06
183	8/26/2007 09:16	18.59	51.932	34.23	6.69	7.98	8.2	2.14
184	8/26/2007 09:31	18.4	51.892	34.2	6.64	7.97	7.9	2.23
185	8/26/2007 09:46	18.22	51.947	34.24	6.62	7.96	8.5	2.32
186	8/26/2007 10:01	18.04	51.919	34.22	6.63	7.96	8.3	2.38
187	8/26/2007 10:16	17.78	51.787	34.12	6.62	7.95	7.5	2.47
188	8/26/2007 10:31	17.5	51.698	34.05	6.62	7.95	9.1	2.54
189	8/26/2007 10:46	17.2	51.663	34.02	6.64	7.94	7.5	2.61
190	8/26/2007 11:01	16.78	51.622	33.99	6.68	7.93	7.8	2.67
191	8/26/2007 11:16	16.09	51.654	34	6.77	7.92	6.4	2.73

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	8/26/2007 11:31	15.64	51.621	33.97	6.87	7.92	6.4	2.79
193	8/26/2007 11:46	15.32	51.612	33.95	6.99	7.92	4.7	2.82
194	8/26/2007 12:01	15.26	51.588	33.93	7.05	7.92	4.4	2.86
195	8/26/2007 12:16	15.13	51.575	33.92	6.97	7.92	5.0	2.88
196	8/26/2007 12:31	15.25	51.594	33.94	6.94	7.92	3.9	2.89
197	8/26/2007 12:46	15.19	51.317	33.73	7.01	7.92	4.6	2.87
198	8/26/2007 13:01	15.17	51.599	33.94	7.01	7.92	3.6	2.83
199	8/26/2007 13:16	15.4	51.619	33.96	6.95	7.92	4.1	2.79
200	8/26/2007 13:31	16.05	51.658	34	7.09	7.94	5.5	2.71
201	8/26/2007 13:46	17.11	51.57	33.95	7.31	7.98	5.8	2.65
202	8/26/2007 14:01	17.25	51.719	34.06	7.18	7.97	6.5	2.57
203	8/26/2007 14:16	17.64	51.747	34.09	7.35	7.98	6.1	2.48
204	8/26/2007 14:31	17.96	51.732	34.08	7.5	7.99	5.4	2.42
205	8/26/2007 14:46	18.2	51.766	34.11	7.48	8	5.1	2.34
206	8/26/2007 15:01	18.47	51.783	34.12	7.9	8.02	4.7	2.27
207	8/26/2007 15:16	18.77	51.822	34.15	7.94	8.03	5.2	2.21
208	8/26/2007 15:31	18.91	51.832	34.16	8.01	8.03	4.7	2.14
209	8/26/2007 15:46	19.01	51.837	34.16	8.18	8.04	4.4	2.10
210	8/26/2007 16:01	19.08	51.831	34.16	8.31	8.05	4.3	2.04
211	8/26/2007 16:16	19.1	51.833	34.16	8.3	8.05	3.5	2.00
212	8/26/2007 16:31	19.12	51.787	34.12	8.79	8.08	3.5	1.97
213	8/26/2007 16:46	19.26	51.83	34.16	8.81	8.09	3.7	1.94
214	8/26/2007 17:01	19.35	51.786	34.12	8.93	8.1	3.6	1.94
215	8/26/2007 17:16	19.16	51.811	34.14	8.74	8.07	4.1	1.94
216	8/26/2007 17:31	19.29	51.837	34.16	8.62	8.07	3.9	1.97
217	8/26/2007 17:46	19.32	51.858	34.18	8.53	8.07	3.9	2.00
218	8/26/2007 18:01	19.34	51.894	34.2	8.26	8.06	4.9	2.04
219	8/26/2007 18:16	19.37	51.898	34.21	8.18	8.05	5.1	2.11
220	8/26/2007 18:31	19.17	51.894	34.2	8.01	8.04	5.3	2.17
221	8/26/2007 18:46	19.18	51.88	34.19	8.04	8.04	5.6	2.24
222	8/26/2007 19:01	18.96	51.841	34.16	7.95	8.03	6.3	2.31
223	8/26/2007 19:16	18.72	51.805	34.14	7.85	8.02	6.4	2.37
224	8/26/2007 19:31	18.47	51.781	34.12	7.75	8.01	6.0	2.46
225	8/26/2007 19:46	18.08	51.739	34.09	7.61	8	6.0	2.53
226	8/26/2007 20:01	17.4	51.683	34.04	7.47	7.98	5.9	2.60
227	8/26/2007 20:16	16.95	51.753	34.09	7.32	7.96	5.9	2.69
228	8/26/2007 20:31	16.77	51.776	34.1	7.24	7.95	6.6	2.76
229	8/26/2007 20:46	16.38	51.75	34.07	7.29	7.95	7.1	2.84
230	8/26/2007 21:01	15.58	51.7	34.02	7.29	7.93	7.1	2.93
231	8/26/2007 21:16	15.23	51.678	34	7.37	7.93	7.6	3.02
232	8/26/2007 21:31	14.73	51.651	33.97	7.58	7.93	7.8	3.09
233	8/26/2007 21:46	14.3	51.644	33.95	7.64	7.93	7.1	3.17
234	8/26/2007 22:01	13.97	51.632	33.93	7.67	7.92	5.8	3.25
235	8/26/2007 22:16	13.72	51.629	33.92	7.71	7.92	5.2	3.32
236	8/26/2007 22:31	13.67	51.621	33.91	7.71	7.92	5.2	3.38
237	8/26/2007 22:46	13.27	51.644	33.91	7.81	7.92	4.5	3.42
238	8/26/2007 23:01	13.22	51.679	33.94	7.84	7.92	4.0	3.46
239	8/26/2007 23:16	13.16	51.708	33.95	7.81	7.92	5.5	3.48

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	8/26/2007 23:31	13.53	51.661	33.93	7.65	7.91	4.1	3.47
241	8/26/2007 23:46	13.26	51.676	33.93	7.71	7.91	3.4	3.45
242	8/27/2007 00:01	13.23	51.668	33.93	7.74	7.91	3.6	3.40
243	8/27/2007 00:16	14.11	51.761	34.03	7.42	7.92	5.1	3.32
244	8/27/2007 00:31	15.06	51.929	34.18	7.2	7.93	6.7	3.24
245	8/27/2007 00:46	15.2	51.725	34.03	7	7.93	6.9	3.14
246	8/27/2007 01:01	14.94	51.771	34.06	7.18	7.95	6.7	3.02
247	8/27/2007 01:16	14.73	51.784	34.06	7.13	7.92	6.1	2.92
248	8/27/2007 01:31	15.51	51.898	34.17	7.14	7.94	6.9	2.79
249	8/27/2007 01:46	16.25	51.91	34.19	6.98	7.95	7.4	2.67
250	8/27/2007 02:01	16.88	51.892	34.19	6.88	7.95	8.0	2.55
251	8/27/2007 02:16	17.07	51.921	34.21	6.91	7.95	9.1	2.42
252	8/27/2007 02:31	16.78	51.905	34.19	6.86	7.94	8.5	2.29
253	8/27/2007 02:46	16.82	51.933	34.22	7	7.95	9.2	2.16
254	8/27/2007 03:01	17.09	51.962	34.24	7.03	7.96	9.4	2.02
255	8/27/2007 03:16	16.99	51.962	34.24	6.97	7.95	8.0	1.88
256	8/27/2007 03:31	16.98	51.968	34.24	6.83	7.94	8.0	1.75
257	8/27/2007 03:46	17.34	51.997	34.27	6.72	7.94	7.9	1.60
258	8/27/2007 04:01	17.46	52.016	34.28	6.62	7.94	7.5	1.46
259	8/27/2007 04:16	17.84	52.033	34.3	6.61	7.95	7.6	1.32
260	8/27/2007 04:31	18.44	52.122	34.37	6.75	7.98	7.6	1.18
261	8/27/2007 04:46	18.43	52.135	34.38	6.69	7.97	6.8	1.07
262	8/27/2007 05:01	18.55	52.155	34.39	6.66	7.97	7.3	0.95
263	8/27/2007 05:16	18.6	52.16	34.4	6.53	7.96	7.2	0.87
264	8/27/2007 05:31	18.85	52.231	34.45	6.57	7.98	6.2	0.82
265	8/27/2007 05:46	18.88	52.238	34.46	6.48	7.97	5.7	0.80
266	8/27/2007 06:01	18.83	52.195	34.43	6.66	7.98	6.0	0.81
267	8/27/2007 06:16	19.05	52.186	34.42	6.83	8	5.4	0.87
268	8/27/2007 06:31	19.03	52.154	34.4	6.84	8	5.2	0.93
269	8/27/2007 06:46	19.12	52.144	34.39	6.96	8.02	5.3	1.00
270	8/27/2007 07:01	19.13	52.137	34.38	7.04	8.02	6.1	1.08
271	8/27/2007 07:16	19.06	52.127	34.38	7.02	8.02	5.8	1.17
272	8/27/2007 07:31	19.3	51.942	34.24	6.75	7.99	9.4	1.26
273	8/27/2007 07:46	19.28	51.957	34.25	6.7	7.98	9.1	1.33
274	8/27/2007 08:01	19.21	51.985	34.27	6.79	8	7.9	1.42
275	8/27/2007 08:16	18.98	51.988	34.27	6.93	8	7.9	1.51
276	8/27/2007 08:31	18.84	51.981	34.27	6.91	8	7.1	1.60
277	8/27/2007 08:46	18.78	51.983	34.27	6.93	8	6.7	1.71
278	8/27/2007 09:01	18.57	51.968	34.26	6.93	7.99	7.8	1.82
279	8/27/2007 09:16	18.38	51.931	34.23	6.86	7.98	8.0	1.93
280	8/27/2007 09:31	18.21	51.932	34.23	6.8	7.97	8.2	2.03
281	8/27/2007 09:46	18.1	51.921	34.22	6.74	7.96	8.6	2.14
282	8/27/2007 10:01	17.88	51.882	34.19	6.72	7.95	9.1	2.23
283	8/27/2007 10:16	17.7	51.872	34.18	6.72	7.95	8.7	2.32
284	8/27/2007 10:31	17.52	51.842	34.16	6.72	7.94	9.3	2.41
285	8/27/2007 10:46	17.21	51.788	34.11	6.74	7.94	11.0	2.50
286	8/27/2007 11:01	16.73	51.743	34.07	6.83	7.93	10.1	2.58
287	8/27/2007 11:16	16.3	51.69	34.03	6.88	7.92	9.8	2.66

sonde #4		Indian Island Long-Term Deployment				Water Quality Data			TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	
288	8/27/2007 11:31	15.58	51.535	33.9	6.98	7.9	8.8	2.73	
289	8/27/2007 11:46	15.06	51.431	33.81	7.05	7.9	7.5	2.79	
290	8/27/2007 12:01	14.79	51.359	33.75	7.12	7.9	7.5	2.86	
291	8/27/2007 12:16	14.62	51.42	33.79	7.14	7.89	7.4	2.91	
292	8/27/2007 12:31	14.56	51.321	33.72	7.14	7.89	13.8	2.95	
293	8/27/2007 12:46	14.55	51.209	33.64	7.11	7.9	4.8	2.99	
294	8/27/2007 13:01	15.17	51.174	33.63	7.22	7.91	5.1	2.99	
295	8/27/2007 13:16	14.65	51.164	33.61	7	7.89	4.6	2.98	
296	8/27/2007 13:31	14.54	51.1	33.56	7.02	7.88	5.1	2.94	
297	8/27/2007 13:46	14.69	51.048	33.52	7.05	7.89	5.2	2.89	
298	8/27/2007 14:01	15.01	51.146	33.6	7.21	7.91	6.5	2.81	
299	8/27/2007 14:16	16.14	51.207	33.67	7.7	7.96	8.5	2.72	
300	8/27/2007 14:31	16.36	51.286	33.73	7.74	7.97	8.4	2.63	
301	8/27/2007 14:46	16.83	51.207	33.68	7.93	7.99	7.7	2.54	
302	8/27/2007 15:01	17.25	51.302	33.76	8.28	8.01	6.4	2.45	
303	8/27/2007 15:16	17.5	51.321	33.77	8.4	8.02	6.4	2.36	
304	8/27/2007 15:31	17.77	51.328	33.78	8.96	8.05	5.8	2.28	
305	8/27/2007 15:46	17.97	51.337	33.79	8.91	8.05	5.8	2.19	
306	8/27/2007 16:01	18.22	51.346	33.8	9	8.06	5.5	2.11	
307	8/27/2007 16:16	18.34	51.38	33.82	9.2	8.08	5.2	2.03	
308	8/27/2007 16:31	18.26	51.341	33.79	9.48	8.1	4.8	1.96	
309	8/27/2007 16:46	18.17	51.384	33.82	9.97	8.11	4.4	1.89	
310	8/27/2007 17:01	18.46	51.424	33.85	9.88	8.12	4.2	1.84	
311	8/27/2007 17:16	18.79	51.445	33.87	9.54	8.11	4.2	1.78	
312	8/27/2007 17:31	18.93	51.501	33.91	9.54	8.12	4.1	1.75	
313	8/27/2007 17:46	19.08	51.716	34.07	9.64	8.13	3.8	1.74	
314	8/27/2007 18:01	19.13	51.686	34.05	9.71	8.13	3.7	1.74	
315	8/27/2007 18:16	19.24	51.692	34.05	9.6	8.13	3.7	1.75	
316	8/27/2007 18:31	19.3	51.812	34.14	9.46	8.12	3.7	1.79	
317	8/27/2007 18:46	19.43	51.782	34.12	9.25	8.12	4.2	1.84	
318	8/27/2007 19:01	19.54	51.729	34.08	9.12	8.11	4.7	1.90	
319	8/27/2007 19:16	19.33	52.085	34.34	8.95	8.09	5.8	1.98	
320	8/27/2007 19:31	19.62	52.054	34.32	8.58	8.07	9.6	2.06	
321	8/27/2007 19:46	19.32	52.029	34.3	8.42	8.05	8.1	2.15	
322	8/27/2007 20:01	18.91	52.01	34.29	8.36	8.04	7.4	2.23	
323	8/27/2007 20:16	18.55	51.97	34.26	8.12	8.02	7.3	2.32	
324	8/27/2007 20:31	17.99	51.929	34.23	7.81	7.99	7.7	2.40	
325	8/27/2007 20:46	17.44	51.883	34.19	7.48	7.96	8.0	2.50	
326	8/27/2007 21:01	17.06	51.864	34.17	7.3	7.95	7.7	2.58	
327	8/27/2007 21:16	16.88	51.858	34.16	7.21	7.94	9.7	2.67	
328	8/27/2007 21:31	16.36	51.82	34.13	7.26	7.93	9.5	2.76	
329	8/27/2007 21:46	15.8	51.788	34.09	7.18	7.91	10.5	2.86	
330	8/27/2007 22:01	15.17	51.758	34.06	7.22	7.9	15.1	2.94	
331	8/27/2007 22:16	14.39	51.74	34.02	7.18	7.89	10.3	3.04	
332	8/27/2007 22:31	13.91	51.732	34	7.14	7.88	9.9	3.13	
333	8/27/2007 22:46	13.36	51.733	33.98	7.25	7.87	9.3	3.22	
334	8/27/2007 23:01	13.14	51.735	33.97	7.3	7.87	9.4	3.29	
335	8/27/2007 23:16	12.94	51.724	33.96	7.37	7.87	8.0	3.36	

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	8/27/2007 23:31	12.77	51.724	33.95	7.44	7.88	6.1	3.42
337	8/27/2007 23:46	12.88	51.745	33.97	7.43	7.88	5.8	3.46
338	8/28/2007 00:01	12.77	51.775	33.99	7.35	7.88	4.1	3.48
339	8/28/2007 00:16	13.15	51.707	33.95	7.24	7.87	5.5	3.49
340	8/28/2007 00:31	12.88	51.72	33.95	7.29	7.87	4.5	3.47
341	8/28/2007 00:46	12.8	51.708	33.94	7.35	7.87	5.0	3.41
342	8/28/2007 01:01	14.05	51.715	33.99	7.07	7.88	6.7	3.33
343	8/28/2007 01:16	14.6	51.792	34.07	6.89	7.88	7.8	3.25
344	8/28/2007 01:31	14.99	51.816	34.09	6.75	7.89	9.6	3.13
345	8/28/2007 01:46	14.91	51.798	34.08	6.84	7.88	8.4	3.02
346	8/28/2007 02:01	15.18	51.818	34.1	6.9	7.92	9.3	2.90
347	8/28/2007 02:16	15.83	51.854	34.14	6.9	7.92	8.1	2.78
348	8/28/2007 02:31	16.33	51.855	34.15	6.84	7.93	7.9	2.65
349	8/28/2007 02:46	16.58	51.887	34.18	6.83	7.93	8.8	2.52
350	8/28/2007 03:01	16.62	51.896	34.19	6.97	7.93	9.1	2.40
351	8/28/2007 03:16	16.63	51.893	34.18	6.95	7.93	8.6	2.26
352	8/28/2007 03:31	16.3	51.883	34.17	6.93	7.92	9.9	2.12
353	8/28/2007 03:46	16.42	51.903	34.19	6.9	7.93	8.6	1.97
354	8/28/2007 04:01	16.39	51.913	34.19	6.89	7.92	8.5	1.83
355	8/28/2007 04:16	16.73	51.932	34.21	6.81	7.93	8.5	1.69
356	8/28/2007 04:31	16.77	51.943	34.22	6.76	7.92	9.3	1.54
357	8/28/2007 04:46	17.08	51.971	34.25	6.77	7.93	9.1	1.39
358	8/28/2007 05:01	17.28	51.994	34.27	6.73	7.93	9.2	1.24
359	8/28/2007 05:16	17.86	52.047	34.31	6.9	7.96	16.3	1.11
360	8/28/2007 05:31	18.14	52.088	34.34	6.93	7.97	9.7	0.99
361	8/28/2007 05:46	18.3	52.099	34.35	6.9	7.97	9.4	0.89
362	8/28/2007 06:01	18.35	52.131	34.38	6.85	7.97	8.5	0.83
363	8/28/2007 06:16	18.44	52.14	34.38	6.78	7.97	7.2	0.77
364	8/28/2007 06:31	18.26	51.962	34.25	6.89	7.98	7.4	0.76
365	8/28/2007 06:46	18.46	52.007	34.29	6.97	7.99	6.5	0.82
366	8/28/2007 07:01	18.52	52.038	34.31	7.03	8	9.4	0.88
367	8/28/2007 07:16	18.63	52.059	34.32	7.12	8.01	5.6	0.95
368	8/28/2007 07:31	18.71	52.082	34.34	7.22	8.02	5.4	1.06
369	8/28/2007 07:46	18.6	52.042	34.31	7.18	8.01	5.8	1.15
370	8/28/2007 08:01	18.75	51.969	34.26	7.01	7.99	8.6	1.24
371	8/28/2007 08:16	18.78	51.938	34.24	6.9	7.99	9.7	1.33
372	8/28/2007 08:31	18.74	51.943	34.24	6.93	7.99	9.4	1.41
373	8/28/2007 08:46	18.54	51.958	34.25	7.12	8	8.0	1.51
374	8/28/2007 09:01	18.42	51.945	34.24	7.1	8	7.4	1.62
375	8/28/2007 09:16	18.36	51.949	34.24	7.13	8	7.3	1.72
376	8/28/2007 09:31	18.18	51.919	34.22	7.08	7.99	9.4	1.83
377	8/28/2007 09:46	18.02	51.898	34.2	7.04	7.98	8.4	1.96
378	8/28/2007 10:01	17.93	51.886	34.19	6.94	7.96	8.4	2.07
379	8/28/2007 10:16	17.77	51.873	34.18	6.9	7.95	9.4	2.17
380	8/28/2007 10:31	17.49	51.838	34.15	6.85	7.94	10.5	2.28
381	8/28/2007 10:46	17.3	51.813	34.13	6.84	7.93	11.1	2.38
382	8/28/2007 11:01	17.02	51.769	34.1	6.85	7.93	11.0	2.47
383	8/28/2007 11:16	16.54	51.704	34.04	6.88	7.91	13.2	2.57

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
384	8/28/2007 11:31	16.03	51.668	34.01	6.94	7.9	14.3	2.66
385	8/28/2007 11:46	15.2	51.604	33.94	7.08	7.89	16.1	2.75
386	8/28/2007 12:01	14.67	51.582	33.91	7.19	7.89	13.2	2.83
387	8/28/2007 12:16	14.46	51.574	33.9	7.24	7.89	11.6	2.91
388	8/28/2007 12:31	14.37	51.577	33.9	7.25	7.89	10.6	2.98
389	8/28/2007 12:46	14.22	51.569	33.89	7.26	7.89	8.8	3.04
390	8/28/2007 13:01	14.08	51.534	33.86	7.42	7.9	6.9	3.09
391	8/28/2007 13:16	13.94	51.532	33.85	7.47	7.9	5.4	3.13
392	8/28/2007 13:31	14.5	51.695	33.99	7.42	7.9	5.7	3.14
393	8/28/2007 13:46	14.06	51.537	33.86	7.32	7.89	5.8	3.12
394	8/28/2007 14:01	13.84	51.526	33.85	7.42	7.89	7.1	3.09
395	8/28/2007 14:16	14.08	51.539	33.86	7.39	7.89	7.9	3.02
396	8/28/2007 14:31	15.65	51.657	33.99	8.03	7.98	10.2	2.93
397	8/28/2007 14:46	16.13	51.632	33.98	8.31	7.98	12.2	2.84
398	8/28/2007 15:01	15.97	51.618	33.97	8.06	7.97	14.1	2.72
399	8/28/2007 15:16	16.3	51.627	33.98	8.24	7.98	11.3	2.61
400	8/28/2007 15:31	16.68	51.687	34.03	8.15	7.98	12.7	2.51
401	8/28/2007 15:46	17.19	51.699	34.05	8.48	8.01	10.3	2.40
402	8/28/2007 16:01	17.6	51.73	34.08	8.57	8.02	10.8	2.30
403	8/28/2007 16:16	17.63	51.718	34.07	8.95	8.04	8.1	2.20
404	8/28/2007 16:31	17.77	51.731	34.08	8.81	8.04	7.1	2.11
405	8/28/2007 16:46	17.9	51.732	34.08	9.3	8.07	6.4	2.02
406	8/28/2007 17:01	17.91	51.753	34.09	9.58	8.08	6.0	1.90
407	8/28/2007 17:16	18.15	51.771	34.11	9.77	8.11	6.1	1.83
408	8/28/2007 17:31	18.3	51.755	34.1	9.98	8.12	6.7	1.77
409	8/28/2007 17:46	18.46	51.758	34.1	10.08	8.13	4.7	1.68
410	8/28/2007 18:01	18.88	51.823	34.15	10.34	8.16	4.7	1.61
411	8/28/2007 18:16	19.17	51.918	34.22	9.68	8.13	4.4	1.59
412	8/28/2007 18:31	19.18	51.927	34.23	9.84	8.14	4.2	1.57
413	8/28/2007 18:46	19.62	51.874	34.19	9.69	8.15	3.6	1.55
414	8/28/2007 19:01	19.83	51.993	34.28	10.06	8.17	4.3	1.57
415	8/28/2007 19:16	19.61	51.989	34.27	10.06	8.16	4.4	1.62
416	8/28/2007 19:31	19.39	51.929	34.23	9.9	8.14	5.8	1.67
417	8/28/2007 19:46	19.45	51.965	34.26	9.6	8.13	5.5	1.74
418	8/28/2007 20:01	19.43	51.928	34.23	9.23	8.1	8.5	1.83
419	8/28/2007 20:16	19.86	51.9	34.21	8.64	8.06	12.6	1.93
420	8/28/2007 20:31	19.32	52.018	34.29	8.77	8.07	9.3	2.03
421	8/28/2007 20:46	18.96	52.005	34.29	8.77	8.06	7.8	2.11
422	8/28/2007 21:01	18.61	51.966	34.26	8.49	8.04	8.6	2.20
423	8/28/2007 21:16	17.99	51.921	34.22	8.04	8	7.7	2.30
424	8/28/2007 21:31	17.75	51.902	34.2	7.8	7.98	9.4	2.38
425	8/28/2007 21:46	17.35	51.881	34.18	7.67	7.96	9.2	2.48
426	8/28/2007 22:01	17.17	51.874	34.18	7.64	7.96	9.0	2.57
427	8/28/2007 22:16	16.64	51.824	34.13	7.64	7.95	10.5	2.65
428	8/28/2007 22:31	16.22	51.785	34.1	7.66	7.94	11.4	2.75
429	8/28/2007 22:46	15.75	51.744	34.06	7.76	7.94	13.6	2.85
430	8/28/2007 23:01	15.08	51.71	34.02	7.84	7.93	13.2	2.94
431	8/28/2007 23:16	14.51	51.68	33.98	7.87	7.93	12.8	3.03

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
432	8/28/2007 23:31	13.86	51.661	33.95	7.86	7.92	12.8	3.13
433	8/28/2007 23:46	13.54	51.644	33.92	7.96	7.92	11.0	3.21
434	8/29/2007 00:01	13.37	51.636	33.91	8.02	7.93	10.5	3.29
435	8/29/2007 00:16	13.26	51.631	33.9	8	7.93	6.7	3.36
436	8/29/2007 00:31	13.14	51.632	33.9	7.95	7.92	6.0	3.42
437	8/29/2007 00:46	13.01	51.633	33.89	7.87	7.92	4.9	3.46
438	8/29/2007 01:01	13.85	51.782	34.03	7.72	7.91	7.7	3.46
439	8/29/2007 01:16	13.31	51.66	33.92	7.72	7.91	4.9	3.45
440	8/29/2007 01:31	12.98	51.628	33.89	7.74	7.91	5.0	3.43
441	8/29/2007 01:46	13.18	51.656	33.92	7.69	7.91	5.3	3.36
442	8/29/2007 02:01	14.74	51.719	34.02	7.36	7.91	8.2	3.26
443	8/29/2007 02:16	14.82	51.731	34.03	7.2	7.89	9.1	3.16
444	8/29/2007 02:31	14.21	51.685	33.98	7.35	7.89	8.1	3.05
445	8/29/2007 02:46	14.23	51.689	33.98	7.35	7.89	7.5	2.92
446	8/29/2007 03:01	15.5	51.741	34.05	7.23	7.91	9.8	2.78
447	8/29/2007 03:16	16.27	51.833	34.13	7.08	7.92	9.0	2.66
448	8/29/2007 03:31	16.52	51.847	34.15	7.06	7.92	9.7	2.54
449	8/29/2007 03:46	16.69	51.863	34.16	7.03	7.91	10.3	2.40
450	8/29/2007 04:01	16.53	51.842	34.14	7.06	7.92	8.8	2.27
451	8/29/2007 04:16	16.23	51.818	34.12	7.22	7.92	8.8	2.13
452	8/29/2007 04:31	16.37	51.838	34.14	7.17	7.92	8.3	1.99
453	8/29/2007 04:46	16.61	51.852	34.15	7.1	7.93	7.8	1.86
454	8/29/2007 05:01	16.92	51.897	34.19	7.12	7.94	8.7	1.71
455	8/29/2007 05:16	16.87	51.898	34.19	6.97	7.92	8.8	1.57
456	8/29/2007 05:31	17.22	51.929	34.22	6.91	7.92	8.5	1.43
457	8/29/2007 05:46	17.52	51.97	34.25	6.94	7.93	7.4	1.28
458	8/29/2007 06:01	17.99	52.005	34.28	7	7.95	7.8	1.16
459	8/29/2007 06:16	18.15	52.005	34.28	6.97	7.95	7.4	1.06
460	8/29/2007 06:31	18.44	52.024	34.3	6.96	7.97	6.5	0.97
461	8/29/2007 06:46	18.62	52.066	34.33	6.97	7.97	6.4	0.91
462	8/29/2007 07:01	18.58	52.033	34.3	6.83	7.96	6.1	0.89
463	8/29/2007 07:16	18.62	52.093	34.35	6.95	7.97	6.3	0.90
464	8/29/2007 07:31	18.79	52.054	34.32	7.11	7.99	5.5	0.95
465	8/29/2007 07:46	18.81	52.09	34.35	7.18	7.99	5.1	1.01
466	8/29/2007 08:01	18.89	52.098	34.35	7.28	8	5.5	1.09
467	8/29/2007 08:16	18.85	52.083	34.34	7.33	8.01	5.3	1.20
468	8/29/2007 08:31	18.92	52.048	34.32	7.19	7.99	7.4	1.30
469	8/29/2007 08:46	19.04	52.006	34.29	6.95	7.98	10.0	1.40
470	8/29/2007 09:01	18.93	52.002	34.28	7.02	7.98	9.6	1.51
471	8/29/2007 09:16	18.7	52.005	34.28	7.11	7.98	8.5	1.61
472	8/29/2007 09:31	18.49	51.986	34.27	7.12	7.98		1.73
473	8/29/2007 09:46	18.35	51.976	34.26	7.13	7.98	7.8	1.84
474	8/29/2007 10:01	18.09	51.945	34.24	7.12	7.96	8.6	1.94
475	8/29/2007 10:16	17.96	51.921	34.22	7.11	7.96	9.7	2.06
476	8/29/2007 10:31	17.9	51.909	34.21	7.08	7.95	11.0	2.18
477	8/29/2007 10:46	17.61	51.879	34.18	7.09	7.94	11.4	2.28
478	8/29/2007 11:01	17.27	51.847	34.16	7.09	7.93	11.9	2.38
479	8/29/2007 11:16	17.05	51.822	34.14	7.13	7.93	14.9	2.49

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
			SpCond	Salinity	DO Conc		Turbidity+	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	Depth meters
480	8/29/2007 11:31	16.71	51.748	34.08	7.17	7.92	17.2	2.59
481	8/29/2007 11:46	16.04	51.704	34.03	7.19	7.91	18.6	2.69
482	8/29/2007 12:01	14.99	51.672	33.99	7.08	7.88	15.3	2.79
483	8/29/2007 12:16	14.42	51.644	33.95	7.09	7.88	15.3	2.88
484	8/29/2007 12:31	14.09	51.628	33.93	7.12	7.87	16.6	2.98
485	8/29/2007 12:46	13.86	51.629	33.92	7.14	7.87	14.1	3.06
486	8/29/2007 13:01	13.53	51.624	33.91	7.19	7.87	12.4	3.14
487	8/29/2007 13:16	13.22	51.623	33.89	7.33	7.88	8.6	3.22
488	8/29/2007 13:31	13.03	51.624	33.89	7.44	7.89	7.1	3.28
489	8/29/2007 13:46	13.03	51.631	33.89	7.53	7.89	5.3	3.31
490	8/29/2007 14:01	13.87	51.69	33.97	7.51	7.9	6.4	3.33
491	8/29/2007 14:16	13.27	51.615	33.89	7.34	7.88	5.4	3.31
492	8/29/2007 14:31	13.13	51.622	33.89	7.43	7.88	5.7	3.28
493	8/29/2007 14:46	13.23	51.628	33.9	7.36	7.88	6.3	3.20
494	8/29/2007 15:01	14.98	51.667	33.98	7.94	7.95	11.1	3.10
495	8/29/2007 15:16	15.5	51.669	34	8.31	7.97	13.8	2.99
496	8/29/2007 15:31	15.59	51.667	34	8.39	7.97	12.2	2.88
497	8/29/2007 15:46	15.75	51.646	33.99	8.32	7.97	10.5	2.76
498	8/29/2007 16:01	16.36	51.683	34.02	8.35	7.98	11.0	2.63
499	8/29/2007 16:16	16.83	51.723	34.06	8.45	7.99	11.0	2.53
500	8/29/2007 16:31	17.13	51.744	34.08	8.27	7.99	10.1	2.41
501	8/29/2007 16:46	17.37	51.756	34.09	8.52	8.01	10.2	2.30
502	8/29/2007 17:01	17.59	51.762	34.1	8.99	8.04	7.8	2.19
503	8/29/2007 17:16	17.65	51.769	34.1	8.9	8.04	8.0	2.08
504	8/29/2007 17:31	17.66	51.754	34.09	9.2	8.06	6.3	1.98
505	8/29/2007 17:46	18.11	51.806	34.14	9.32	8.07	6.9	1.86
506	8/29/2007 18:01	18.28	51.838	34.16	9.74	8.1	6.5	1.76
507	8/29/2007 18:16	18.62	51.883	34.19	9.75	8.11	7.3	1.66
508	8/29/2007 18:31	18.66	51.878	34.19	10	8.14	6.2	1.57
509	8/29/2007 18:46	19.06	51.938	34.24	9.76	8.13	5.5	1.49
510	8/29/2007 19:01	19.49	51.962	34.25	9.69	8.13	5.1	1.44
511	8/29/2007 19:16	20.07	52.072	34.33	9.79	8.15	4.7	1.41
512	8/29/2007 19:31	20.09	52.092	34.35	9.67	8.14	5.1	1.39
513	8/29/2007 19:46	20.09	52.082	34.34	9.65	8.15	5.1	1.42
514	8/29/2007 20:01	20.13	52.099	34.35	9.83	8.15	4.9	1.45
515	8/29/2007 20:16	19.83	52.089	34.35	9.64	8.13	5.1	1.51
516	8/29/2007 20:31	19.75	52.081	34.34	9.52	8.12	5.8	1.60
517	8/29/2007 20:46	19.75	52.062	34.33	9.28	8.1	7.2	1.69
518	8/29/2007 21:01	20.34	52.028	34.3	8.5	8.05	10.3	1.79
519	8/29/2007 21:16	19.87	52.01	34.29	8.73	8.06	8.3	1.90
520	8/29/2007 21:31	19.45	51.988	34.27	8.86	8.07	7.1	2.00
521	8/29/2007 21:46	19.13	51.953	34.25	8.75	8.05	7.8	2.09
522	8/29/2007 22:01	18.58	51.899	34.21	8.46	8.02	7.4	2.18
523	8/29/2007 22:16	18.18	51.872	34.18	8.06	7.99	7.5	2.28
524	8/29/2007 22:31	18.02	51.854	34.17	7.86	7.98	7.9	2.37
525	8/29/2007 22:46	17.76	51.839	34.16	7.73	7.96	8.6	2.46
526	8/29/2007 23:01	17.29	51.801	34.12	7.68	7.95	9.6	2.55
527	8/29/2007 23:16	16.82	51.77	34.1	7.62	7.94	9.9	2.64

sonde #4		Indian Island Long-Term Deployment				Water Quality Data		TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	8/29/2007 23:31	16.54	51.736	34.07	7.6	7.94	13.1	2.74
529	8/29/2007 23:46	15.78	51.693	34.02	7.62	7.93	14.4	2.83
530	8/30/2007 00:01	15.09	51.657	33.98	7.66	7.92	12.3	2.92
531	8/30/2007 00:16	14.43	51.637	33.95	7.72	7.91	11.0	3.02
532	8/30/2007 00:31	14.05	51.628	33.93	7.82	7.92	11.1	3.11
533	8/30/2007 00:46	13.83	51.613	33.91	7.93	7.93	9.0	3.18
534	8/30/2007 01:01	13.66	51.609	33.9	7.98	7.93	6.9	3.26
535	8/30/2007 01:16	13.38	51.615	33.89	8.07	7.93	6.3	3.32
536	8/30/2007 01:31	13.43	51.599	33.88	8.09	7.93	4.3	3.36
537	8/30/2007 01:46	13.23	51.612	33.89	8.12	7.93	4.2	3.38
538	8/30/2007 02:01	13.74	51.629	33.92	7.91	7.92	4.9	3.38
539	8/30/2007 02:16	13.49	51.62	33.9	7.97	7.92	5.3	3.36
540	8/30/2007 02:31	13.38	51.603	33.89	8.01	7.92	4.6	3.30
541	8/30/2007 02:46	14.15	51.581	33.9	7.71	7.91	6.4	3.23
542	8/30/2007 03:01	14.74	51.727	34.02	7.31	7.89	8.1	3.12
543	8/30/2007 03:16	14.57	51.658	33.97	7.27	7.88	9.1	3.01
544	8/30/2007 03:31	14.92	51.668	33.98	7.3	7.89	10.3	2.89
545	8/30/2007 03:46	15.57	51.727	34.04	7.18	7.9	10.0	2.77
546	8/30/2007 04:01	16.23	51.776	34.09	7.07	7.9	9.6	2.64
547	8/30/2007 04:16	16.71	51.83	34.14	6.9	7.9	11.1	2.51
548	8/30/2007 04:31	16.74	51.799	34.12	6.91	7.9	9.1	2.39
549	8/30/2007 04:46	16.53	51.79	34.11	6.9	7.89	8.3	2.26
550	8/30/2007 05:01	16.58	51.784	34.1	7.15	7.91	10.7	2.12
551	8/30/2007 05:16	16.81	51.83	34.14	7.11	7.92	10.0	1.99
552	8/30/2007 05:31	16.92	51.827	34.14	6.56	7.83	6.9	1.86
553	8/30/2007 05:46	17.29	51.887	34.19	6.54	7.84	6.9	1.73
554	8/30/2007 06:01	17.29	51.87	34.18	6.48	7.84	6.4	1.60
555	8/30/2007 06:16	17.69	51.893	34.2	6.41	7.86	6.5	1.46
556	8/30/2007 06:31	17.85	51.911	34.21	6.19	7.82	5.8	1.35
557	8/30/2007 06:46	18.17	51.937	34.23	6.24	7.86	5.3	1.24
558	8/30/2007 07:01	18.31	51.957	34.25	6.15	7.85	5.1	1.15
559	8/30/2007 07:16	18.47	51.98	34.27	6.1	7.86	4.9	1.08
560	8/30/2007 07:31	18.97	52.078	34.34	6.13	7.86	4.6	1.06
561	8/30/2007 07:46	19.09	52.08	34.34	6	7.86	3.4	1.05
562	8/30/2007 08:01	18.89	52.055	34.32	6.72	7.95	5.0	1.08
563	8/30/2007 08:16	19.31	52.107	34.36	6.91	7.98	5.1	1.13
564	8/30/2007 08:31	19.11	52.077	34.34	6.56	7.95	5.1	1.19
565	8/30/2007 08:46	19.19	52.081	34.34	6.88	7.97	6.0	1.29
566	8/30/2007 09:01	19.1	52.068	34.33	6.95	7.97	6.6	1.40
567	8/30/2007 09:16	19.26	52.001	34.28	6.64	7.94	9.6	1.48
568	8/30/2007 09:31	19.12	52	34.28	6.41	7.95	8.7	1.60
569	8/30/2007 09:46	18.8	51.982	34.27	6.67	7.95	7.5	1.72
570	8/30/2007 10:01	18.63	51.982	34.27	6.7	7.94	6.6	1.82
571	8/30/2007 10:16	18.52	51.938	34.23	6.78	7.94	7.4	1.93
572	8/30/2007 10:31	18.24	51.863	34.18	6.83	7.94	7.2	2.04
573	8/30/2007 10:46	18.09	51.815	34.14	6.91	7.93	9.2	2.15
574	8/30/2007 11:01	17.92	51.789	34.12	6.95	7.92	8.8	2.25
575	8/30/2007 11:16	17.63	51.771	34.11	6.99	7.91	9.6	2.35

sonde #4		Indian Island Long-Term Deployment				Water Quality Data			TP #4
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	
576	8/30/2007 11:31	17.27	51.723	34.07	7.01	7.91	10.2	2.46	
577	8/30/2007 11:46	17.1	51.686	34.04	7.06	7.91	13.6	2.56	
578	8/30/2007 12:01	16.56	51.641	34	7.18	7.91	14.7	2.66	
579	8/30/2007 12:16	16	51.612	33.97	7.31	7.9	14.7	2.77	
580	8/30/2007 12:31	15.11	51.568	33.91	7.41	7.9	15.8	2.87	
581	8/30/2007 12:46	14.5	51.549	33.88	7.46	7.89	12.5	2.97	
582	8/30/2007 13:01	14.17	51.523	33.85	7.59	7.89	13.2	3.07	
583	8/30/2007 13:16	13.81	51.477	33.81	7.7	7.9	11.4	3.16	
584	8/30/2007 13:31	13.44	51.516	33.82	7.89	7.9	10.7	3.26	
585	8/30/2007 13:46	13.24	51.572	33.86	8.04	7.91	7.6	3.33	
586	8/30/2007 14:01	13.19	51.44	33.76	8.17	7.92	6.1	3.39	
587	8/30/2007 14:16	13.19	51.436	33.76	8.23	7.91	5.0	3.43	
588	8/30/2007 14:31	13.22	51.401	33.73	8.07	7.92	4.3	3.45	
589	8/30/2007 14:46	13.51	51.378	33.73	8.09	7.92	5.8	3.44	
590	8/30/2007 15:01	13.17	51.4	33.73	8.22	7.92	5.5	3.39	
591	8/30/2007 15:16	13.26	51.253	33.62	8.22	7.92	6.0	3.33	
592	8/30/2007 15:31	15.03	51.281	33.7	8.63	7.98	9.3	3.24	
593	8/30/2007 15:46	15.19	51.397	33.79	8.64	7.97	14.0	3.11	
594	8/30/2007 16:01	15.11	51.305	33.72	8.79	7.98	11.3	3.00	
595	8/30/2007 16:16	15.36	51.324	33.74	8.69	7.97	10.3	2.88	
596	8/30/2007 16:31	16.14	51.357	33.78	8.48	7.98	11.3	2.76	
597	8/30/2007 16:46	16.58	51.388	33.81	8.5	7.98	12.2	2.63	
598	8/30/2007 17:01	16.96	51.473	33.88	8.52	7.99	10.6	2.50	
599	8/30/2007 17:16	17.12	51.511	33.91	8.53	7.99	9.0	2.40	
600	8/30/2007 17:31	17.33	51.467	33.88	8.73	8.01	8.3	2.27	
601	8/30/2007 17:46	17.41	51.457	33.87	8.78	8.02	9.0	2.14	
602	8/30/2007 18:01	17.4	51.484	33.89	8.95	8.03	7.4	2.01	
603	8/30/2007 18:16	17.7	51.661	34.03	9.09	8.04	8.1	1.90	
604	8/30/2007 18:31	17.97	51.499	33.91	9.06	8.05	7.5	1.78	
605	8/30/2007 18:46	18.15	51.584	33.97	9.24	8.06	8.4	1.65	
606	8/30/2007 19:01	18.34	51.588	33.98	9.05	8.06	30.4	1.54	
607	8/30/2007 19:16	18.61	51.643	34.02	8.91	8.05	37.2	1.44	
608	8/30/2007 19:31	18.65	51.638	34.01	8.71	8.04	53.9	1.36	
609	8/30/2007 19:46	19.16	51.81	34.14	8.6	8.05	47.0	1.30	
610	8/30/2007 20:01	19.24	51.808	34.14	8.45	8.04		1.25	
611	8/30/2007 20:16	19.87	52.071	34.33	8.61	8.07		1.25	
612	8/30/2007 20:31	19.96	51.979	34.26	8.61	8.06	4.5	1.26	
613	8/30/2007 20:46	20.05	52.081	34.34	9.01	8.1		1.29	
614	8/30/2007 21:01	19.87	51.974	34.26	8.97	8.08	5.4	1.36	
615	8/30/2007 21:16	19.99	52.089	34.35	9.22	8.1		1.44	
616	8/30/2007 21:31	19.87	51.971	34.26	9.17	8.1	6.4	1.53	
617	8/30/2007 21:46	20.22	51.932	34.23	8.41	8.04	9.9	1.63	
618	8/30/2007 22:01	20.34	51.9	34.21	8.11	8.02	14.9	1.72	
619	8/30/2007 22:16	19.62	51.88	34.19	8.54	8.04	11.6	1.83	
620	8/30/2007 22:31	19.43	51.889	34.2	8.57	8.04	9.4	1.93	
621	8/30/2007 22:46	19.24	51.853	34.17	8.58	8.04	11.6	2.02	
622	8/30/2007 23:01	18.76	51.816	34.15	8.39	8.01	10.4	2.11	
623	8/30/2007 23:16	18.45	51.713	34.07	8.15	7.99	8.0	2.20	

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	8/30/2007 23:31	18.24	51.843	34.16	7.98	7.98		2.29
625	8/30/2007 23:46	17.97	51.742	34.09	7.92	7.97	8.5	2.39
626	8/31/2007 00:01	17.6	51.633	34	7.91	7.96	8.4	2.47
627	8/31/2007 00:16	17.32	51.62	33.99	7.89	7.96	9.6	2.56
628	8/31/2007 00:31	17.04	51.572	33.95	7.88	7.95	10.6	2.65
629	8/31/2007 00:46	16.48	51.512	33.9	7.97	7.95	11.0	2.74
630	8/31/2007 01:01	15.97	51.508	33.89	8.05	7.94	11.1	2.82
631	8/31/2007 01:16	15.46	51.413	33.81	8.15	7.94	11.0	2.90
632	8/31/2007 01:31	14.75	51.27	33.69	8.31	7.94	11.7	2.98
633	8/31/2007 01:46	14.45	51.393	33.77	8.41	7.95	9.2	3.05
634	8/31/2007 02:01	14.43	51.422	33.79	8.43	7.95	7.5	3.11
635	8/31/2007 02:16	14.15	51.472	33.82	8.57	7.95	6.4	3.16
636	8/31/2007 02:31	14.11	51.511	33.84	8.57	7.96	6.2	3.19
637	8/31/2007 02:46	14.54	51.682	33.98	8.38	7.95	24.6	3.21
638	8/31/2007 03:01	14.39	51.528	33.87	8.29	7.94	5.2	3.20
639	8/31/2007 03:16	14.11	51.486	33.83	8.49	7.95	4.7	3.16
640	8/31/2007 03:31	14.21	51.522	33.86	8.45	7.95	5.5	3.10
641	8/31/2007 03:46	15.65	51.752	34.06	7.65	7.91	8.3	3.01
642	8/31/2007 04:01	15.37	51.58	33.93	7.87	7.92	10.3	2.93
643	8/31/2007 04:16	15.66	51.565	33.93	7.63	7.91	12.2	2.81
644	8/31/2007 04:31	16.15	51.499	33.89	7.35	7.9		2.69
645	8/31/2007 04:46	16.5	51.579	33.95	7.21	7.9		2.58
646	8/31/2007 05:01	16.88	51.584	33.96	7	7.89		2.46
647	8/31/2007 05:16	17.05	51.618	33.99	7.11	7.9		2.35
648	8/31/2007 05:31	17.41	51.705	34.05	6.75	7.89		2.23
649	8/31/2007 05:46	16.93	51.364	33.8	7.06	7.89		2.12
650	8/31/2007 06:01	17.11	51.716	34.06	7.21	7.92		2.00
651	8/31/2007 06:16	17.17	51.606	33.98	7.01	7.9		1.89
652	8/31/2007 06:31	17.44	51.751	34.09	6.91	7.9		1.77
653	8/31/2007 06:46	17.61	51.708	34.06	6.84	7.9		1.66
654	8/31/2007 07:01	17.71	51.269	33.74	6.79	7.9		1.55
655	8/31/2007 07:16	17.74	51.275	33.74	6.71	7.89		1.46
656	8/31/2007 07:31	18.08	51.361	33.81	6.69	7.9		1.37
657	8/31/2007 07:46	18.3	51.384	33.82	6.69	7.91		1.31
658	8/31/2007 08:01	18.51	51.388	33.83	6.63	7.92		1.27
659	8/31/2007 08:16	18.68	51.335	33.79	6.55	7.92		1.25
660	8/31/2007 08:31	18.87	51.389	33.83	6.44	7.92		1.28
661	8/31/2007 08:46	18.91	51.236	33.72	6.67	7.93		1.30
662	8/31/2007 09:01	18.8	51.287	33.75	6.7	7.93		1.37
663	8/31/2007 09:16	18.87	51.256	33.73	6.63	7.93		1.44
664	8/31/2007 09:31	18.78	51.075	33.6	6.72	7.93		1.54
665	8/31/2007 09:46	18.79	51.315	33.78	6.65	7.92		1.64
666	8/31/2007 10:01	18.83	51.209	33.7	6.58	7.91		1.74
667	8/31/2007 10:16	18.53	51.255	33.73	6.73	7.92		1.85
668	8/31/2007 10:31	18.37	51.291	33.76	6.79	7.92		1.96
669	8/31/2007 10:46	18.28	51.249	33.73	6.83	7.92		2.05
670	8/31/2007 11:01	18.06	51.172	33.67	6.92	7.92		2.15
671	8/31/2007 11:16	17.85	51.354	33.8	7.07	7.92		2.26

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #4
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	8/31/2007 11:31	17.7	51.363	33.81	7.15	7.92		2.35
673	8/31/2007 11:46	17.49	51.341	33.79	7.25	7.92		2.45
674	8/31/2007 12:01	17.04	51.257	33.72	7.36	7.92		2.56
675	8/31/2007 12:16	16.81	51.545	33.93	7.45	7.92		2.66
676	8/31/2007 12:31	16.39	51.369	33.79	7.67	7.93		2.76
677	8/31/2007 12:46	15.66	51.397	33.8	8.02	7.94		2.87
678	8/31/2007 13:01	14.92	51.348	33.75	8.34	7.95		2.97
679	8/31/2007 13:16	14.35	51.217	33.64	8.72	7.96		3.07
680	8/31/2007 13:31	14.11	51.358	33.73	8.96	7.97		3.16
681	8/31/2007 13:46	13.9	51.335	33.71	9.09	7.98		3.25
682	8/31/2007 14:01	13.6	51.204	33.6	9.23	7.99		3.33
683	8/31/2007 14:16	13.37	51.279	33.65	9.39	7.99		3.40
684	8/31/2007 14:31	13.21	51.063	33.48	9.56	8		3.47
685	8/31/2007 14:46	13.11	51.062	33.48	9.63	8.01		3.50
686	8/31/2007 15:01	13.13	50.884	33.35	8.85	8.01		3.53
687	8/31/2007 15:16	13.45	51.193	33.59	9.37	8		3.54
688	8/31/2007 15:31	13.16	51.337	33.68	9.55	8.01		3.51
689	8/31/2007 15:46	13.21	51.298	33.66	9.5	8		3.44
690	8/31/2007 16:01	14.19	51.317	33.7	9.74	8.03		3.35
691	8/31/2007 16:16	14.64	51.313	33.71	9.92	8.04		3.25
692	8/31/2007 16:31	14.54	51.403	33.78	9.98	8.04		3.12
693	8/31/2007 16:46	14.43	51.368	33.75	9.93	8.04		2.99
694	8/31/2007 17:01	15.37	51.336	33.75	9.48	8.02		2.86
695	8/31/2007 17:16	16.01	51.304	33.74	9.33	8.02		2.73
696	8/31/2007 17:31	16.46	51.371	33.8	9.01	8.01		2.61
697	8/31/2007 17:46	16.5	51.367	33.79	8.94	8		2.49
698	8/31/2007 18:01	17.1	51.412	33.84	8.99	8.02		2.35
699	8/31/2007 18:16	16.87	51.412	33.83	9.29	8.03		2.24
700	8/31/2007 18:31	16.84	51.271	33.73	9.4	8.04		2.11
701	8/31/2007 18:46	16.94	51.362	33.8	9.54	8.05		1.98
702	8/31/2007 19:01	17.12	51.341	33.78	9.54	8.06		1.85
703	8/31/2007 19:16	17.6	51.584	33.97	9.19	8.05		1.72
704	8/31/2007 19:31	18.12	51.598	33.98	8.79	8.02		1.60
705	8/31/2007 19:46	18.02	51.658	34.03	8.92	8.04		1.46
706	8/31/2007 20:01	18.33	51.543	33.94	8.57	8.03		1.36
707	8/31/2007 20:16	18.41	51.886	34.2	8.4	8.02		1.27
708	8/31/2007 20:31	18.65	51.963	34.25	8.21	8.01		1.19
709	8/31/2007 20:46	18.79	51.957	34.25	8.05	8		1.15
710	8/31/2007 21:01	19.13	51.968	34.26	7.99	8.01		1.12
711	8/31/2007 21:16	19.36	51.984	34.27	7.69	7.99		1.15
712	8/31/2007 21:31	19.31	51.979	34.27	8.21	8.02		1.18
713	8/31/2007 21:46	19.36	51.993	34.28	8.44	8.03		1.21
714	8/31/2007 22:01	19.42	52.023	34.3	8.55	8.05		1.31
715	8/31/2007 22:16	19.37	51.991	34.28	8.62	8.05		1.39
716	8/31/2007 22:31	19.53	51.956	34.25	8.18	8.01		1.48
717	8/31/2007 22:46	19.7	51.921	34.22	7.76	7.98		1.58
718	8/31/2007 23:01	19.52	51.921	34.22	7.92	7.99		1.67
719	8/31/2007 23:16	19.11	51.889	34.2	8.17	8.01		1.76

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
720	8/31/2007 23:31	18.97	51.885	34.2	8.23	8.01		1.86
721	8/31/2007 23:46	18.85	51.885	34.2	8.27	8.01		1.94
722	9/1/2007 00:01	18.56	51.859	34.18	8.31	8		2.03
723	9/1/2007 00:16	18.3	51.832	34.16	8.18	7.99		2.12
724	9/1/2007 00:31	18.21	51.827	34.15	8.07	7.98		2.21
725	9/1/2007 00:46	17.99	51.803	34.13	8.03	7.97		2.30
726	9/1/2007 01:01	17.72	51.765	34.1	8.06	7.97		2.37
727	9/1/2007 01:16	17.46	51.775	34.11	8.11	7.97		2.46
728	9/1/2007 01:31	17.23	51.743	34.08	8.15	7.97		2.54
729	9/1/2007 01:46	16.97	51.708	34.05	8.21	7.97		2.62
730	9/1/2007 02:01	16.44	51.666	34.01	8.39	7.97		2.69
731	9/1/2007 02:16	16.09	51.659	34	8.52	7.97		2.77
732	9/1/2007 02:31	15.65	51.589	33.94	8.7	7.98		2.83
733	9/1/2007 02:46	15.14	51.603	33.94	8.91	7.99		2.89
734	9/1/2007 03:01	14.91	51.608	33.94	8.99	7.99		2.95
735	9/1/2007 03:16	14.7	51.579	33.91	9.08	8		2.99
736	9/1/2007 03:31	14.75	51.593	33.92	8.97	8		3.02
737	9/1/2007 03:46	15.25	51.633	33.97	8.71	7.98		3.03
738	9/1/2007 04:01	14.9	51.586	33.92	8.78	7.98		3.02
739	9/1/2007 04:16	14.6	51.577	33.91	9.1	8		2.97
740	9/1/2007 04:31	14.85	51.61	33.94	8.93	7.99		2.92
741	9/1/2007 04:46	16.12	51.732	34.06	7.99	7.94		2.84
742	9/1/2007 05:01	16.09	51.747	34.07	7.82	7.93		2.75
743	9/1/2007 05:16	16.22	51.707	34.04	7.76	7.92		2.64
744	9/1/2007 05:31	16.4	51.728	34.06	7.47	7.9		2.54
745	9/1/2007 05:46	16.66	51.802	34.12	7.32	7.9		2.44
746	9/1/2007 06:01	16.93	51.775	34.1	7.18	7.89		2.34
747	9/1/2007 06:16	17.24	51.683	34.04	7	7.89		2.25
748	9/1/2007 06:31	17.34	51.695	34.05	6.79	7.87		2.15
749	9/1/2007 06:46	17.34	51.666	34.03	6.74	7.87		2.06
750	9/1/2007 07:01	17.2	51.604	33.98	7.02	7.89		1.97
751	9/1/2007 07:16	17.06	51.589	33.97	7.06	7.89		1.87
752	9/1/2007 07:31	17.25	51.607	33.98	7.04	7.9		1.77
753	9/1/2007 07:46	17.35	51.638	34	7.01	7.9		1.69
754	9/1/2007 08:01	17.31	51.642	34.01	7.05	7.9		1.63
755	9/1/2007 08:16	17.59	51.67	34.03	7.07	7.91		1.56
756	9/1/2007 08:31	17.88	51.685	34.04	6.99	7.91		1.51
757	9/1/2007 08:46	18.04	51.693	34.05	6.88	7.91		1.50
758	9/1/2007 09:01	18.25	51.801	34.13	6.59	7.89		1.50
759	9/1/2007 09:16	18.2	51.714	34.07	6.82	7.92		1.52
760	9/1/2007 09:31	18.33	51.756	34.1	6.82	7.92		1.56
761	9/1/2007 09:46	18.3	51.754	34.1	6.82	7.92		1.63
762	9/1/2007 10:01	18.31	51.736	34.08	6.84	7.92		1.70
763	9/1/2007 10:16	18.23	51.718	34.07	6.88	7.92		1.79
764	9/1/2007 10:31	18.15	51.699	34.06	6.95	7.91		1.88
765	9/1/2007 10:46	18.07	51.679	34.04	6.98	7.91		1.98
766	9/1/2007 11:01	17.89	51.658	34.02	7.11	7.92		2.06
767	9/1/2007 11:16	17.73	51.629	34	7.15	7.92		2.16

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	9/1/2007 11:31	17.66	51.615	33.99	7.21	7.92		2.24
769	9/1/2007 11:46	17.36	51.575	33.96	7.52	7.93		2.33
770	9/1/2007 12:01	17.26	51.548	33.94	7.65	7.94		2.43
771	9/1/2007 12:16	17.18	51.532	33.92	7.79	7.94		2.53
772	9/1/2007 12:31	16.97	51.489	33.89	7.92	7.95		2.62
773	9/1/2007 12:46	16.58	51.449	33.86	8.1	7.95		2.72
774	9/1/2007 13:01	16.3	51.442	33.85	8.24	7.96		2.82
775	9/1/2007 13:16	15.65	51.397	33.8	8.54	7.97		2.92
776	9/1/2007 13:31	14.97	51.333	33.74	8.89	7.98		3.02
777	9/1/2007 13:46	14.33	51.37	33.75	9.09	7.99		3.11
778	9/1/2007 14:01	13.87	51.328	33.7	9.56	8.02		3.21
779	9/1/2007 14:16	13.62	51.339	33.7	9.75	8.03		3.30
780	9/1/2007 14:31	13.43	51.344	33.7	9.79	8.03		3.38
781	9/1/2007 14:46	13.34	51.333	33.69	9.82	8.04		3.45
782	9/1/2007 15:01	13.32	51.234	33.61	9.88	8.05		3.50
783	9/1/2007 15:16	13.13	51.335	33.68	9.91	8.04		3.54
784	9/1/2007 15:31	13.25	51.295	33.65	9.87	8.05		3.57
785	9/1/2007 15:46	13.6	51.441	33.78	9.85	8.04		3.57
786	9/1/2007 16:01	13.32	51.393	33.73	9.79	8.04		3.53
787	9/1/2007 16:16	13.25	51.403	33.73	9.83	8.04		3.49
788	9/1/2007 16:31	14	51.439	33.79	9.93	8.06		3.42
789	9/1/2007 16:46	15.22	51.481	33.85	10.46	8.09		3.33
790	9/1/2007 17:01	15.15	51.432	33.82	10.6	8.09		3.21
791	9/1/2007 17:16	14.99	51.445	33.82	10.8	8.1		3.10
792	9/1/2007 17:31	15.49	51.475	33.86	10.35	8.08		2.99
793	9/1/2007 17:46	15.74	51.471	33.86	10.32	8.08		2.87
794	9/1/2007 18:01	16.24	51.499	33.89	10.18	8.07		2.75
795	9/1/2007 18:16	16.48	51.518	33.91	9.91	8.05		2.63
796	9/1/2007 18:31	16.89	51.561	33.94	9.87	8.07		2.51
797	9/1/2007 18:46	17.02	51.551	33.94	10.11	8.08		2.38
798	9/1/2007 19:01	17.01	51.578	33.96	10.04	8.08		2.25
799	9/1/2007 19:16	17.13	51.581	33.96	10.09	8.08		2.11
800	9/1/2007 19:31	17.37	51.571	33.96	9.74	8.07		2.00
801	9/1/2007 19:46	17.21	51.557	33.94	9.73	8.07		1.86
802	9/1/2007 20:01	17.43	51.564	33.95	9.62	8.07		1.72
803	9/1/2007 20:16	17.73	51.758	34.1	9.31	8.05		1.60
804	9/1/2007 20:31	17.96	51.856	34.17	9.05	8.04		1.49
805	9/1/2007 20:46	18.07	51.868	34.18	8.88	8.03		1.36
806	9/1/2007 21:01	18.48	51.907	34.21	8.68	8.02		1.25
807	9/1/2007 21:16	18.5	51.882	34.19	8.52	8.01		1.20
808	9/1/2007 21:31	18.65	51.945	34.24	8.38	8		1.12
809	9/1/2007 21:46	18.97	51.947	34.24	8.34	8.01		1.08
810	9/1/2007 22:01	19.21	51.989	34.27	8.27	8.01		1.09
811	9/1/2007 22:16	19.29	51.977	34.26	8.18	8.02		1.10
812	9/1/2007 22:31	19.47	52.038	34.31	8.77	8.05		1.12
813	9/1/2007 22:46	19.37	51.973	34.26	8.82	8.05		1.20
814	9/1/2007 23:01	19.43	51.909	34.21	9.08	8.06		1.26
815	9/1/2007 23:16	19.33	51.909	34.21	9.03	8.06		1.34

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	9/1/2007 23:31	19.48	51.911	34.22	8.65	8.03		1.44
817	9/1/2007 23:46	19.74	51.852	34.17	8.07	7.98		1.51
818	9/2/2007 00:01	19.69	51.857	34.18	8.11	7.98		1.59
819	9/2/2007 00:16	19.26	51.885	34.2	8.57	8.02		1.67
820	9/2/2007 00:31	19.09	51.862	34.18	8.69	8.02		1.76
821	9/2/2007 00:46	18.98	51.855	34.17	8.74	8.03		1.84
822	9/2/2007 01:01	18.86	51.857	34.18	8.82	8.03		1.93
823	9/2/2007 01:16	18.58	51.811	34.14	8.79	8.02		2.02
824	9/2/2007 01:31	18.42	51.805	34.14	8.68	8.01		2.09
825	9/2/2007 01:46	18.28	51.784	34.12	8.61	8		2.18
826	9/2/2007 02:01	18.16	51.769	34.11	8.52	7.99		2.25
827	9/2/2007 02:16	17.93	51.738	34.08	8.58	7.99		2.33
828	9/2/2007 02:31	17.66	51.717	34.07	8.62	7.99		2.40
829	9/2/2007 02:46	17.43	51.7	34.05	8.66	8		2.47
830	9/2/2007 03:01	17.23	51.691	34.04	8.68	8		2.55
831	9/2/2007 03:16	16.94	51.689	34.04	8.73	8		2.59
832	9/2/2007 03:31	16.56	51.594	33.96	8.82	8		2.65
833	9/2/2007 03:46	16.26	51.651	34	8.88	8		2.72
834	9/2/2007 04:01	16.01	51.638	33.99	8.9	8		2.75
835	9/2/2007 04:16	15.75	51.639	33.98	8.89	8		2.79
836	9/2/2007 04:31	15.63	51.673	34	8.78	8		2.81
837	9/2/2007 04:46	15.32	51.634	33.97	8.61	7.99		2.83
838	9/2/2007 05:01	15.41	51.612	33.95	8.84	7.99		2.81
839	9/2/2007 05:16	15.48	51.621	33.96	8.87	8		2.78
840	9/2/2007 05:31	15.8	51.579	33.94	8.76	7.99		2.74
841	9/2/2007 05:46	17	51.748	34.08	7.53	7.92		2.67
842	9/2/2007 06:01	17.03	51.771	34.1	7.26	7.9		2.60
843	9/2/2007 06:16	17.07	51.809	34.13	6.72	7.86		2.52
844	9/2/2007 06:31	17.01	51.754	34.09	7.14	7.88		2.45
845	9/2/2007 06:46	17.07	51.72	34.06	7.16	7.89		2.37
846	9/2/2007 07:01	17.11	51.743	34.08	7.16	7.89		2.29
847	9/2/2007 07:16	17.33	51.63	34	7.02	7.88		2.22
848	9/2/2007 07:31	17.41	51.703	34.05	6.93	7.88		2.14
849	9/2/2007 07:46	17.34	51.668	34.03	7.14	7.89		2.06
850	9/2/2007 08:01	17.36	51.665	34.03	7.17	7.9		2.00
851	9/2/2007 08:16	17.35	51.721	34.07	7.34	7.91		1.94
852	9/2/2007 08:31	17.4	51.651	34.01	7.48	7.92		1.87
853	9/2/2007 08:46	17.58	51.637	34.01	7.54	7.93		1.83
854	9/2/2007 09:01	17.82	51.677	34.04	7.45	7.93		1.79
855	9/2/2007 09:16	17.9	51.708	34.06	7.51	7.94		1.77
856	9/2/2007 09:31	18.05	51.731	34.08	7.16	7.92		1.76
857	9/2/2007 09:46	18.19	51.811	34.14	7.18	7.93		1.76
858	9/2/2007 10:01	18.27	51.781	34.12	7.49	7.95		1.78
859	9/2/2007 10:16	18.2	51.691	34.05	7.61	7.95		1.82
860	9/2/2007 10:31	18.14	51.705	34.06	7.7	7.96		1.87
861	9/2/2007 10:46	18.1	51.7	34.06	7.74	7.96		1.93
862	9/2/2007 11:01	18.08	51.697	34.05	7.71	7.95		2.00
863	9/2/2007 11:16	17.99	51.679	34.04	7.7	7.95		2.08

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
864	9/2/2007 11:31	17.9	51.631	34	7.64	7.94		2.15
865	9/2/2007 11:46	17.84	51.681	34.04	7.63	7.94		2.22
866	9/2/2007 12:01	17.59	51.648	34.01	7.76	7.94		2.30
867	9/2/2007 12:16	17.42	51.623	33.99	7.82	7.95		2.37
868	9/2/2007 12:31	17.18	51.595	33.97	8.09	7.96		2.46
869	9/2/2007 12:46	17.02	51.548	33.93	8.3	7.97		2.54
870	9/2/2007 13:01	16.9	51.534	33.92	8.39	7.97		2.62
871	9/2/2007 13:16	16.69	51.438	33.85	8.47	7.98		2.70
872	9/2/2007 13:31	16.34	51.4	33.82	8.53	7.98		2.79
873	9/2/2007 13:46	15.85	51.36	33.78	8.61	7.98		2.88
874	9/2/2007 14:01	15.3	51.398	33.79	8.86	7.99		2.97
875	9/2/2007 14:16	14.7	51.371	33.76	9.22	8.01		3.06
876	9/2/2007 14:31	14.29	51.357	33.74	9.37	8.02		3.15
877	9/2/2007 14:46	13.88	51.364	33.73	9.49	8.02		3.23
878	9/2/2007 15:01	13.53	51.317	33.68	9.55	8.02		3.30
879	9/2/2007 15:16	13.38	51.338	33.69	9.68	8.03		3.38
880	9/2/2007 15:31	13.2	51.332	33.68	9.73	8.03		3.44
881	9/2/2007 15:46	13.18	51.321	33.67	9.71	8.03		3.47
882	9/2/2007 16:01	13.25	51.197	33.58	9.69	8.04		3.51
883	9/2/2007 16:16	14.01	51.213	33.62	9.63	8.03		3.53
884	9/2/2007 16:31	13.3	51.303	33.66	9.5	8.02		3.52
885	9/2/2007 16:46	13.13	51.235	33.61	9.67	8.03		3.48
886	9/2/2007 17:01	13.2	51.21	33.59	9.59	8.02		3.44
887	9/2/2007 17:16	14.16	51.319	33.71	9.78	8.04		3.37
888	9/2/2007 17:31	15.21	51.265	33.69	10.14	8.07		3.29
889	9/2/2007 17:46	15.45	51.274	33.71	10.36	8.08		3.19
890	9/2/2007 18:01	15.37	51.213	33.66	10.44	8.08		3.08
891	9/2/2007 18:16	15.91	51.343	33.77	10.31	8.08		2.98
892	9/2/2007 18:31	16.02	51.296	33.73	10.07	8.07		2.87
893	9/2/2007 18:46	16.42	51.352	33.78	10.02	8.06		2.75
894	9/2/2007 19:01	16.69	51.614	33.98	9.88	8.06		2.64
895	9/2/2007 19:16	16.88	51.659	34.02	9.73	8.05		2.52
896	9/2/2007 19:31	17.08	51.676	34.03	9.79	8.06		2.41
897	9/2/2007 19:46	17.36	51.642	34.01	9.67	8.06		2.29
898	9/2/2007 20:01	17.25	51.705	34.05	9.63	8.06		2.16
899	9/2/2007 20:16	17.59	51.643	34.01	9.57	8.05		2.05
900	9/2/2007 20:31	17.63	51.687	34.04	9.42	8.05		1.93
901	9/2/2007 20:46	17.91	51.725	34.07	9.3	8.05		1.80
902	9/2/2007 21:01	17.7	51.716	34.07	9.07	8.03		1.69
903	9/2/2007 21:16	18.1	51.748	34.09	8.96	8.03		1.57
904	9/2/2007 21:31	18.24	51.771	34.11	8.88	8.03		1.44
905	9/2/2007 21:46	18.34	51.8	34.13	8.67	8.02		1.34
906	9/2/2007 22:01	18.69	51.832	34.16	8.72	8.02		1.27
907	9/2/2007 22:16	18.71	51.756	34.1	8.56	8.01		1.19
908	9/2/2007 22:31	19.05	51.825	34.15	8.61	8.02		1.12
909	9/2/2007 22:46	19.28	51.846	34.17	8.39	8.02		1.10
910	9/2/2007 23:01	19.58	51.884	34.2	8.42	8.02		1.10
911	9/2/2007 23:16	19.42	51.934	34.23	8.58	8.04		1.10

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	9/2/2007 23:31	19.56	51.98	34.27	9	8.06		1.13
913	9/2/2007 23:46	19.4	51.24	33.72	9.13	8.06		1.19
914	9/3/2007 00:01	19.55	51.273	33.75	9.45	8.08		1.25
915	9/3/2007 00:16	19.48	51.277	33.75	9.42	8.08		1.32
916	9/3/2007 00:31	19.47	51.34	33.79	9.27	8.07		1.40
917	9/3/2007 00:46	19.76	51.264	33.74	8.45	8.01		1.46
918	9/3/2007 01:01	19.75	51.427	33.86	8.32	8		1.53
919	9/3/2007 01:16	19.53	49.972	32.79	8.79	8.02		1.62
920	9/3/2007 01:31	19.31	49.977	32.79	8.88	8.03		1.68
921	9/3/2007 01:46	19.21	50.111	32.89	8.88	8.03		1.76
922	9/3/2007 02:01	19.11	50.186	32.95	8.92	8.03		1.85
923	9/3/2007 02:16	19.03	50.173	32.94	8.96	8.04		1.91
924	9/3/2007 02:31	18.76	50.153	32.92	9.03	8.04		1.99
925	9/3/2007 02:46	18.55	50.195	32.95	8.92	8.02		2.06
926	9/3/2007 03:01	18.4	50.108	32.89	8.83	8.01		2.14
927	9/3/2007 03:16	18.31	50.032	32.83	8.75	8.01		2.20
928	9/3/2007 03:31	18.14	49.921	32.75	8.76	8.01		2.27
929	9/3/2007 03:46	17.95	49.813	32.67	8.79	8.01		2.34
930	9/3/2007 04:01	17.71	49.963	32.78	8.82	8		2.40
931	9/3/2007 04:16	17.51	49.944	32.76	8.83	8		2.46
932	9/3/2007 04:31	17.26	49.886	32.72	8.84	8		2.51
933	9/3/2007 04:46	17.07	49.804	32.66	8.85	8		2.57
934	9/3/2007 05:01	16.78	49.737	32.6	8.91	8.01		2.60
935	9/3/2007 05:16	16.62	49.699	32.57	8.93	8.01		2.64
936	9/3/2007 05:31	16.55	49.661	32.54	8.86	7.99		2.67
937	9/3/2007 05:46	16.55	49.689	32.56	8.69	8		2.68
938	9/3/2007 06:01	16.66	49.661	32.55	8.66	7.99		2.69
939	9/3/2007 06:16	16.46	48.805	31.92	8.73	7.99		2.70
940	9/3/2007 06:31	16.45	48.915	32	8.67	7.99		2.67
941	9/3/2007 06:46	16.62	49.109	32.14	8.63	7.99		2.63
942	9/3/2007 07:01	17.39	49.027	32.09	7.86	7.94		2.59
943	9/3/2007 07:16	17.51	49.515	32.45	7.6	7.93		2.54
944	9/3/2007 07:31	17.5	49.601	32.51	7.37	7.91		2.47
945	9/3/2007 07:46	17.55	49.701	32.58	7.19	7.9		2.41
946	9/3/2007 08:01	17.6	49.722	32.6	7.14	7.89		2.35
947	9/3/2007 08:16	17.62	49.517	32.45	7.07	7.88		2.29
948	9/3/2007 08:31	17.79	48.571	31.76	7.17	7.89		2.23
949	9/3/2007 08:46	17.83	48.854	31.97	7.15	7.89		2.17
950	9/3/2007 09:01	17.91	48.916	32.01	7.18	7.89		2.13
951	9/3/2007 09:16	17.95	48.869	31.98	7.24	7.9		2.09
952	9/3/2007 09:31	18.03	48.447	31.67	7.42	7.91		2.05
953	9/3/2007 09:46	18.04	49.301	32.29	7.58	7.93		2.01
954	9/3/2007 10:01	18.16	49.253	32.26	7.7	7.94		2.00
955	9/3/2007 10:16	18.31	49.25	32.26	7.43	7.94		1.99
956	9/3/2007 10:31	18.39	49.266	32.27	7.77	7.95		1.99
957	9/3/2007 10:46	18.38	49.326	32.31	7.84	7.96		2.00
958	9/3/2007 11:01	18.4	49.093	32.14	8.02	7.96		2.02
959	9/3/2007 11:16	18.3	48.636	31.81	7.9	7.95		2.06

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
960	9/3/2007 11:31	18.24	48.697	31.85	7.92	7.95		2.11
961	9/3/2007 11:46	18.19	48.66	31.83	7.78	7.94		2.16
962	9/3/2007 12:01	18.1	49.856	32.7	7.76	7.94		2.21
963	9/3/2007 12:16	18.03	49.876	32.72	7.79	7.95		2.27
964	9/3/2007 12:31	17.89	49.993	32.8	7.96	7.95		2.34
965	9/3/2007 12:46	17.74	49.912	32.74	7.99	7.96		2.40
966	9/3/2007 13:01	17.45	49.911	32.74	8.16	7.96		2.46
967	9/3/2007 13:16	17.17	49.885	32.72	8.35	7.97		2.53
968	9/3/2007 13:31	16.95	49.797	32.65	8.64	7.99		2.60
969	9/3/2007 13:46	16.54	49.718	32.59	8.86	8		2.66
970	9/3/2007 14:01	16.3	49.769	32.62	8.9	8		2.74
971	9/3/2007 14:16	16.1	49.666	32.54	8.93	8		2.81
972	9/3/2007 14:31	15.73	49.669	32.54	8.9	8		2.89
973	9/3/2007 14:46	15.55	49.682	32.54	8.87	7.99		2.97
974	9/3/2007 15:01	15.36	49.669	32.53	8.88	7.99		3.04
975	9/3/2007 15:16	14.97	49.349	32.29	9.12	8.01		3.11
976	9/3/2007 15:31	14.62	49.701	32.53	9.38	8.02		3.19
977	9/3/2007 15:46	14.25	49.73	32.55	9.49	8.02		3.25
978	9/3/2007 16:01	14.08	49.73	32.54	9.53	8.03		3.31
979	9/3/2007 16:16	14	49.629	32.46	9.57	8.03		3.37
980	9/3/2007 16:31	13.67	49.75	32.54	9.64	8.03		3.41
981	9/3/2007 16:46	13.52	49.748	32.54	9.67	8.04		3.44
982	9/3/2007 17:01	13.53	49.746	32.53	9.56	8.03		3.46
983	9/3/2007 17:16	13.81	49.789	32.58	9.64	8.03		3.46
984	9/3/2007 17:31	13.62	49.766	32.55	9.6	8.03		3.45
985	9/3/2007 17:46	13.6	49.763	32.55	9.69	8.03		3.41
986	9/3/2007 18:01	14.59	49.809	32.61	9.51	8.03		3.35
987	9/3/2007 18:16	15.45	49.837	32.65	9.73	8.06		3.28
988	9/3/2007 18:31	15.73	49.818	32.65	9.91	8.06		3.21
989	9/3/2007 18:46	16.61	49.663	32.55	10.26	8.09		3.12
990	9/3/2007 19:01	16.33	49.644	32.53	10.11	8.07		3.02
991	9/3/2007 19:16	16.61	49.567	32.48	10.07	8.07		2.92
992	9/3/2007 19:31	16.46	49.831	32.67	9.74	8.05		2.83
993	9/3/2007 19:46	16.83	49.95	32.76	9.71	8.05		2.72
994	9/3/2007 20:01	16.98	49.707	32.58	9.5	8.04		2.62
995	9/3/2007 20:16	17.21	49.76	32.62	9.45	8.04		2.51
996	9/3/2007 20:31	17.31	49.733	32.61	9.4	8.04		2.40
997	9/3/2007 20:46	17.49	50.031	32.83	9.34	8.04		2.29
998	9/3/2007 21:01	17.69	49.974	32.79	9.28	8.04		2.17
999	9/3/2007 21:16	17.51	49.777	32.64	9.19	8.03		2.06
1000	9/3/2007 21:31	18.08	49.837	32.69	9.27	8.04		1.94
1001	9/3/2007 21:46	18.08	49.857	32.7	9.1	8.03		1.83
1002	9/3/2007 22:01	18.29	49.841	32.69	8.94	8.02		1.72
1003	9/3/2007 22:16	18.35	50.081	32.87	8.79	8.01		1.61
1004	9/3/2007 22:31	18.6	50.291	33.02	8.71	8.01		1.49
1005	9/3/2007 22:46	18.92	49.941	32.77	8.72	8.02		1.39
1006	9/3/2007 23:01	19	49.041	32.11	8.58	8.01		1.31
1007	9/3/2007 23:16	19.23	48.098	31.42	8.63	8.01		1.24

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	9/3/2007 23:31	19.44	50.321	33.04	8.54	8.02		1.18
1009	9/3/2007 23:46	19.93	50.274	33.01	8.82	8.05		1.15
1010	9/4/2007 00:01	20.01	50.318	33.04	8.28	8.03		1.13
1011	9/4/2007 00:16	20.04	51.778	34.12	7.36	8		1.14
1012	9/4/2007 00:31	19.99	51.73	34.08	8.77	8.06		1.15
1013	9/4/2007 00:46	20.05	51.776	34.12	9.14	8.08		1.18
1014	9/4/2007 01:01	19.91	51.751	34.1	9.17	8.08		1.23
1015	9/4/2007 01:16	19.97	51.725	34.08	9.46	8.09		1.28
1016	9/4/2007 01:31	19.9	51.088	33.61	9.38	8.09		1.35
1017	9/4/2007 01:46	19.99	51.015	33.55	9.15	8.07		1.39
1018	9/4/2007 02:01	20.15	51.196	33.69	8.65	8.03		1.45
1019	9/4/2007 02:16	20.06	50.136	32.91	8.72	8.03		1.53
1020	9/4/2007 02:31	20.05	50.739	33.35	8.54	8.02		1.57
1021	9/4/2007 02:46	19.94	50.218	32.97	8.59	8.02		1.65
1022	9/4/2007 03:01	19.77	50.245	32.99	8.81	8.04		1.73
1023	9/4/2007 03:16	19.61	50.61	33.26	8.9	8.04		1.80
1024	9/4/2007 03:31	19.5	50.363	33.08	8.91	8.04		1.87
1025	9/4/2007 03:46	19.27	50.505	33.18	8.98	8.05		1.95
1026	9/4/2007 04:01	19.05	50.396	33.1	8.91	8.03		2.02
1027	9/4/2007 04:16	18.84	50.498	33.17	8.81	8.02		2.09
1028	9/4/2007 04:31	18.73	50.87	33.45	8.68	8.01		2.16
1029	9/4/2007 04:46	18.6	50.585	33.24	8.64	8.01		2.22
1030	9/4/2007 05:01	18.45	50.556	33.22	8.66	8.01		2.29
1031	9/4/2007 05:16	18.3	50.64	33.28	8.68	8.01		2.34
1032	9/4/2007 05:31	18.05	46.184	30.03	8.86	8.01		2.39
1033	9/4/2007 05:46	17.85	47.97	31.32	8.8	8.01		2.45
1034	9/4/2007 06:01	17.66	48.61	31.79	8.77	8.01		2.49
1035	9/4/2007 06:16	17.54	48.247	31.52	8.77	8		2.53
1036	9/4/2007 06:31	17.33	49.246	32.25	8.74	8		2.57
1037	9/4/2007 06:46	17.25	48.107	31.42	8.73	8		2.59
1038	9/4/2007 07:01	17.18	47.806	31.2	8.53	8		2.63
1039	9/4/2007 07:16	17.09	48.097	31.41	8.24	7.99		2.64
1040	9/4/2007 07:31	17.28	47.863	31.24	8.46	7.98		2.64
1041	9/4/2007 07:46	17.09	48.191	31.48	8.55	7.99		2.63
1042	9/4/2007 08:01	17.07	47.943	31.3	8.49	7.98		2.62
1043	9/4/2007 08:16	17.13	49.674	32.56	8.27	7.98		2.58
1044	9/4/2007 08:31	17.49	49.152	32.18	8.2	7.98		2.54
1045	9/4/2007 08:46	17.74	49.239	32.25	8.02	7.96		2.50
1046	9/4/2007 09:01	17.92	49.647	32.55	7.78	7.94		2.45
1047	9/4/2007 09:16	18.02	49.507	32.44	7.84	7.95		2.40
1048	9/4/2007 09:31	18.18	48.809	31.93	7.54	7.92		2.36
1049	9/4/2007 09:46	18.28	48.472	31.69	7.59	7.92		2.30
1050	9/4/2007 10:01	18.33	49.916	32.75	7.51	7.93		2.27
1051	9/4/2007 10:16	18.45	49.004	32.08	7.64	7.93		2.24
1052	9/4/2007 10:31	18.55	49.73	32.61	7.4	7.92		2.21
1053	9/4/2007 10:46	18.6	48.738	31.88	7.6	7.93		2.18
1054	9/4/2007 11:01	18.74	48.5	31.71	7.5	7.93		2.17
1055	9/4/2007 11:16	18.76	48.236	31.52	7	7.89		2.16

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	9/4/2007 11:31	18.68	47.852	31.24	7.53	7.92		2.17
1057	9/4/2007 11:46	18.84	47.748	31.16	7.7	7.95		2.16
1058	9/4/2007 12:01	18.93	47.797	31.2	7.95	7.97		2.18
1059	9/4/2007 12:16	18.76	47.795	31.2	8	7.96		2.22
1060	9/4/2007 12:31	18.74	47.806	31.21	7.96	7.96		2.23
1061	9/4/2007 12:46	18.69	47.769	31.18	8.06	7.97		2.28
1062	9/4/2007 13:01	18.58	47.849	31.24	8.12	7.96		2.33
1063	9/4/2007 13:16	18.48	48.118	31.43	8.11	7.96		2.37
1064	9/4/2007 13:31	18.32	47.961	31.32	8.14	7.96		2.43
1065	9/4/2007 13:46	18.06	49.051	32.11	8.11	7.97		2.47
1066	9/4/2007 14:01	17.71	48.138	31.44	8.38	7.98		2.53
1067	9/4/2007 14:16	17.25	48.418	31.64	8.56	7.99		2.59
1068	9/4/2007 14:31	16.88	47.736	31.14	8.78	8		2.65
1069	9/4/2007 14:46	16.7	47.721	31.13	8.88	8		2.70
1070	9/4/2007 15:01	16.55	47.763	31.16	9.04	8.01		2.77
1071	9/4/2007 15:16	16.24	47.538	30.99	9.13	8.02		2.84
1072	9/4/2007 15:31	16.24	47.698	31.11	9.18	8.02		2.90
1073	9/4/2007 15:46	16.15	47.716	31.12	9.14	8.02		2.96
1074	9/4/2007 16:01	15.84	47.71	31.11	9.13	8.01		3.02
1075	9/4/2007 16:16	15.77	47.665	31.08	9.11	8.01		3.09
1076	9/4/2007 16:31	15.41	47.712	31.1	8.99	8		3.14
1077	9/4/2007 16:46	15.02	47.771	31.14	8.92	8		3.19
1078	9/4/2007 17:01	14.6	47.723	31.1	9.08	8		3.25
1079	9/4/2007 17:16	14.46	47.825	31.17	9.11	8.01		3.30
1080	9/4/2007 17:31	14.46	47.864	31.19	9.05	8.01		3.33
1081	9/4/2007 17:46	14.37	47.98	31.28	9.02	8.01		3.36
1082	9/4/2007 18:01	14.33	47.912	31.23	8.92	8		3.38
1083	9/4/2007 18:16	14.32	47.823	31.16	8.4	7.98		3.38
1084	9/4/2007 18:31	14.32	47.892	31.21	9.03	7.99		3.37
1085	9/4/2007 18:46	14.38	47.919	31.23	8.95	7.99		3.35
1086	9/4/2007 19:01	14.77	47.995	31.3	8.96	8		3.31
1087	9/4/2007 19:16	16.08	48.984	32.04	8.56	8		3.24
1088	9/4/2007 19:31	15.99	48.564	31.73	8.46	7.98		3.18
1089	9/4/2007 19:46	15.7	48.363	31.58	8.51	7.98		3.10
1090	9/4/2007 20:01	15.56	48.597	31.75	8.46	7.98		3.02
1091	9/4/2007 20:16	15.68	48.303	31.54	8.47	7.98		2.92
1092	9/4/2007 20:31	16.24	48.188	31.46	8.58	8		2.84
1093	9/4/2007 20:46	16.45	48.357	31.59	8.61	8		2.74
1094	9/4/2007 21:01	16.75	48.633	31.8	8.54	8		2.64
1095	9/4/2007 21:16	16.93	48.766	31.89	8.41	8		2.56
1096	9/4/2007 21:31	17.1	48.347	31.59	8.34	8		2.45
1097	9/4/2007 21:46	16.95	48.406	31.63	8.29	7.99		2.33
1098	9/4/2007 22:01	17.28	48.091	31.41	8.26	7.99		2.23
1099	9/4/2007 22:16	17.19	47.982	31.33	8.16	7.98		2.12
1100	9/4/2007 22:31	17.86	47.914	31.28	8.17	8		2.01
1101	9/4/2007 22:46	17.8	48.005	31.35	7.98	7.98		1.89
1102	9/4/2007 23:01	17.73	48.008	31.35	7.86	7.97		1.78
1103	9/4/2007 23:16	17.95	47.998	31.34	7.75	7.97		1.67

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	9/4/2007 23:31	18.15	48.503	31.71	7.68	7.96		1.54
1105	9/4/2007 23:46	18.3	48.29	31.56	7.62	7.96		1.44
1106	9/5/2007 00:01	18.85	48.856	31.97	7.54	7.97		1.34
1107	9/5/2007 00:16	18.99	48.861	31.98	7.49	7.98		1.25
1108	9/5/2007 00:31	19.48	48.833	31.95	7.55	8		1.20
1109	9/5/2007 00:46	19.68	48.79	31.92	7.49	8.01		1.14
1110	9/5/2007 01:01	19.8	48.927	32.02	7.36	8.01		1.11
1111	9/5/2007 01:16	20.08	50.305	33.03	6.61	7.99		1.10
1112	9/5/2007 01:31	20.14	50.497	33.17	4.94	7.94		1.09
1113	9/5/2007 01:46	20.17	49.018	32.09	7.32	8.04		1.13
1114	9/5/2007 02:01	20.1	49.119	32.16	7.53	8.05		1.14
1115	9/5/2007 02:16	20.05	48.918	32.01	7.63	8.05		1.18
1116	9/5/2007 02:31	20.08	49.174	32.2	7.69	8.06		1.24
1117	9/5/2007 02:46	20.07	49.547	32.47	7.71	8.06		1.29
1118	9/5/2007 03:01	20.04	49.112	32.16	7.68	8.06		1.35
1119	9/5/2007 03:16	20.27	49.316	32.3	7.42	8.01		1.39
1120	9/5/2007 03:31	20.35	49.135	32.17	7.19	8		1.47
1121	9/5/2007 03:46	20.21	49.105	32.15	7.29	8		1.54
1122	9/5/2007 04:01	20.23	49.168	32.2	7.28	8.01		1.59
1123	9/5/2007 04:16	20.07	49.177	32.2	7.48	8.02		1.67
1124	9/5/2007 04:31	19.93	49.021	32.09	7.55	8.03		1.75
1125	9/5/2007 04:46	19.85	48.806	31.93	7.56	8.02		1.83
1126	9/5/2007 05:01	19.64	49.068	32.13	7.65	8.02		1.90
1127	9/5/2007 05:16	19.41	49.037	32.1	7.7	8.02		1.95
1128	9/5/2007 05:31	18.94	49.416	32.38	7.87	8.01		2.05
1129	9/5/2007 05:46	18.7	49.669	32.57	7.87	8		2.11
1130	9/5/2007 06:01	18.55	49.222	32.24	7.89	8		2.17
1131	9/5/2007 06:16	18.47	49.432	32.39	7.91	8		2.23
1132	9/5/2007 06:31	18.42	49.205	32.23	7.95	8		2.31
1133	9/5/2007 06:46	18.31	49.004	32.08	7.97	8		2.36
1134	9/5/2007 07:01	18.11	48.857	31.97	8.02	8		2.41
1135	9/5/2007 07:16	17.87	49.028	32.09	8.04	8		2.46
1136	9/5/2007 07:31	17.66	49.077	32.13	8.06	8		2.51
1137	9/5/2007 07:46	17.44	49.15	32.18	8.11	7.99		2.55
1138	9/5/2007 08:01	17.32	48.852	31.96	8.08	7.99		2.59
1139	9/5/2007 08:16	17.19	48.322	31.57	8.13	7.99		2.62
1140	9/5/2007 08:31	17.17	48.751	31.89	7.99	7.99		2.64
1141	9/5/2007 08:46	17.01	48.467	31.68	7.78	7.98		2.66
1142	9/5/2007 09:01	17.08	49.04	32.1	7.79	7.97		2.66
1143	9/5/2007 09:16	17	49.257	32.25	7.66	7.97		2.66
1144	9/5/2007 09:31	17.03	48.749	31.88	7.81	7.98		2.65
1145	9/5/2007 09:46	17.09	48.733	31.87	7.64	7.97		2.61
1146	9/5/2007 10:01	17.45	48.997	32.07	7.65	7.97		2.58
1147	9/5/2007 10:16	17.8	48.782	31.91	7.66	7.97		2.55
1148	9/5/2007 10:31	17.82	48.808	31.93	7.68	7.98		2.50
1149	9/5/2007 10:46	17.9	48.73	31.88	7.63	7.97		2.46
1150	9/5/2007 11:01	17.98	48.778	31.91	7.66	7.97		2.41
1151	9/5/2007 11:16	18.08	48.805	31.93	7.58	7.97		2.38

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1152	9/5/2007 11:31	18.23	48.94	32.03	7.44	7.97		2.33
1153	9/5/2007 11:46	18.3	48.916	32.01	7.51	7.97		2.29
1154	9/5/2007 12:01	18.46	48.848	31.96	7.32	7.96		2.26
1155	9/5/2007 12:16	18.53	48.829	31.95	7.09	7.96		2.24
1156	9/5/2007 12:31	18.62	49.79	32.65	6.73	7.94		2.22
1157	9/5/2007 12:46	18.71	48.662	31.83	6.85	7.95		2.21
1158	9/5/2007 13:01	18.83	49.163	32.2	7.9	7.99		2.21
1159	9/5/2007 13:16	18.9	48.778	31.91	7.88	7.99		2.22
1160	9/5/2007 13:31	18.9	48.561	31.76	7.7	7.99		2.22
1161	9/5/2007 13:46	18.8	48.649	31.82	7.68	7.99		2.25
1162	9/5/2007 14:01	18.79	46.506	30.26	7.78	7.99		2.27
1163	9/5/2007 14:16	18.74	46.577	30.31	7.73	7.99		2.30
1164	9/5/2007 14:31	18.61	49.3	32.3	7.66	7.98		2.34
1165	9/5/2007 14:46	18.55	48.921	32.02	7.74	7.98		2.38
1166	9/5/2007 15:01	18.43	48.877	31.99	7.75	7.98		2.43
1167	9/5/2007 15:16	18.2	48.717	31.87	7.74	7.98		2.48
1168	9/5/2007 15:31	18.19	48.774	31.91	7.9	7.99		2.53
1169	9/5/2007 15:46	17.72	48.694	31.85	7.9	7.98		2.59
1170	9/5/2007 16:01	17.53	48.48	31.69	7.92	7.98		2.66
1171	9/5/2007 16:16	17.03	49.165	32.19	8.04	7.98		2.71
1172	9/5/2007 16:31	16.59	49.101	32.13	8.23	7.99		2.78
1173	9/5/2007 16:46	16.63	50.25	32.98	8.23	7.99		2.84
1174	9/5/2007 17:01	16.17	48.25	31.51	8.25	7.98		2.90
1175	9/5/2007 17:16	15.99	47.993	31.32	8.27	7.98		2.96
1176	9/5/2007 17:31	15.61	48.626	31.77	8.22	7.98		3.03
1177	9/5/2007 17:46	15.43	50.239	32.95	7.99	7.96		3.09
1178	9/5/2007 18:01	15.09	48.975	32.02	7.78	7.94		3.13
1179	9/5/2007 18:16	14.9	48.705	31.82	7.83	7.94		3.17
1180	9/5/2007 18:31	14.88	48.564	31.71	7.93	7.95		3.22
1181	9/5/2007 18:46	14.7	48.477	31.65	7.91	7.95		3.24
1182	9/5/2007 19:01	14.66	48.488	31.65	7.98	7.95		3.27
1183	9/5/2007 19:16	14.63	48.63	31.75	7.36	7.91		3.28
1184	9/5/2007 19:31	14.63	49.007	32.03	7.33	7.92		3.29
1185	9/5/2007 19:46	14.63	49.053	32.06	7.56	7.92		3.27
1186	9/5/2007 20:01	14.69	48.856	31.92	7.82	7.93		3.25
1187	9/5/2007 20:16	14.85	48.461	31.64	7.85	7.94		3.22
1188	9/5/2007 20:31	15.04	49.275	32.23	7.76	7.94		3.16
1189	9/5/2007 20:46	14.89	49.178	32.16	7.8	7.94		3.09
1190	9/5/2007 21:01	15.26	48.989	32.03	7.72	7.94		3.03
1191	9/5/2007 21:16	15.74	47.953	31.29	7.77	7.95		2.96
1192	9/5/2007 21:31	16.01	44.635	28.89	7.91	7.96		2.88
1193	9/5/2007 21:46	15.82	44.635	28.89	7.91	7.95		2.79
1194	9/5/2007 22:01	16.1	44.864	29.06	7.87	7.95		2.69
1195	9/5/2007 22:16	16.5	43.109	27.8	8	7.97		2.59
1196	9/5/2007 22:31	16.45	43.218	27.88	7.92	7.97		2.50
1197	9/5/2007 22:46	16.69	43.977	28.43	7.77	7.96		2.41
1198	9/5/2007 23:01	17.41	43.573	28.14	7.68	7.97		2.30
1199	9/5/2007 23:16	17.47	43.437	28.04	7.61	7.97		2.18

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1200	9/5/2007 23:31	17.46	43.079	27.79	7.57	7.97		2.09
1201	9/5/2007 23:46	17.78	41.98	27	7.48	7.97		1.97
1202	9/6/2007 00:01	17.87	44.934	29.12	7.28	7.96		1.86
1203	9/6/2007 00:16	18.06	43.131	27.83	7.27	7.96		1.76
1204	9/6/2007 00:31	18.22	47.198	30.76	7.05	7.96		1.64
1205	9/6/2007 00:46	18.31	48.052	31.38	7.01	7.96		1.51
1206	9/6/2007 01:01	18.41	46.349	30.15	6.95	7.96		1.41
1207	9/6/2007 01:16	18.73	45.418	29.47	6.99	7.97		1.32
1208	9/6/2007 01:31	18.91	43.201	27.88	6.96	7.97		1.24
1209	9/6/2007 01:46	19.2	43.645	28.2	7.03	7.98		1.16
1210	9/6/2007 02:01	19.29	48.702	31.86	6.56	7.97		1.10
1211	9/6/2007 02:16	19.53	48.655	31.82	6.31	7.98		1.06
1212	9/6/2007 02:31	19.61	48.573	31.76	5.31	7.95		1.05
1213	9/6/2007 02:46	19.68	48.794	31.92	6.38	8		1.03
1214	9/6/2007 03:01	19.56	48.758	31.9	6.49	8		1.05
1215	9/6/2007 03:16	19.74	48.793	31.92	6.81	8.02		1.10
1216	9/6/2007 03:31	19.66	48.632	31.81	6.85	8.01		1.14
1217	9/6/2007 03:46	19.65	48.291	31.56	6.88	8.02		1.19
1218	9/6/2007 04:01	19.61	47.854	31.24	6.87	8.02		1.25
1219	9/6/2007 04:16	19.56	48.625	31.8	6.81	8.01		1.31
1220	9/6/2007 04:31	19.6	48.922	32.02	6.78	8		1.37
1221	9/6/2007 04:46	19.71	48.542	31.74	6.67	7.98		1.43
1222	9/6/2007 05:01	19.71	48.475	31.69	6.63	7.98		1.50
1223	9/6/2007 05:16	19.65	48.413	31.65	6.6	7.98		1.58
1224	9/6/2007 05:31	19.4	47.991	31.34	6.74	7.99		1.65
1225	9/6/2007 05:46	19.3	47.681	31.11	6.7	7.99		1.72
1226	9/6/2007 06:01	19.21	47.742	31.16	6.73	7.99		1.80
1227	9/6/2007 06:16	19.07	47.683	31.12	6.74	7.98		1.89
1228	9/6/2007 06:31	18.63	47.538	31.01	6.86	7.97		1.96
1229	9/6/2007 06:46	18.42	47.559	31.02	7	7.96		2.04
1230	9/6/2007 07:01	18.23	46.381	30.17	7.03	7.96		2.12
1231	9/6/2007 07:16	18.12	45.065	29.22	7.11	7.96		2.20
1232	9/6/2007 07:31	18.01	44.969	29.15	7.14	7.96		2.26
1233	9/6/2007 07:46	17.91	40.76	26.14	7.26	7.96		2.32
1234	9/6/2007 08:01	17.76	40.444	25.91	7.38	7.96		2.40
1235	9/6/2007 08:16	17.48	46.756	30.44	7.24	7.96		2.44
1236	9/6/2007 08:31	17.32	46.944	30.57	7.26	7.96		2.50
1237	9/6/2007 08:46	17.06	46.311	30.11	7.36	7.96		2.55
1238	9/6/2007 09:01	16.84	45.745	29.7	7.41	7.96		2.60
1239	9/6/2007 09:16	16.68	45.97	29.86	7.45	7.96		2.65
1240	9/6/2007 09:31	16.56	45.856	29.78	7.38	7.95		2.67
1241	9/6/2007 09:46	16.55	46.861	30.5	7.27	7.94		2.69
1242	9/6/2007 10:01	16.34	47.53	30.99	7.12	7.93		2.71
1243	9/6/2007 10:16	16.3	46.061	29.92	7.28	7.94		2.71
1244	9/6/2007 10:31	16.43	46.449	30.21	7.18	7.93		2.70
1245	9/6/2007 10:46	16.42	46.516	30.25	7.28	7.93		2.68
1246	9/6/2007 11:01	16.55	46.634	30.34	7.11	7.93		2.64
1247	9/6/2007 11:16	16.87	46.787	30.45	7.06	7.94		2.61

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1248	9/6/2007 11:31	17.12	46.585	30.31	7.18	7.94		2.55
1249	9/6/2007 11:46	17.4	46.573	30.3	7.2	7.95		2.50
1250	9/6/2007 12:01	17.59	47.158	30.73	7.31	7.95		2.45
1251	9/6/2007 12:16	17.77	46.215	30.05	7.34	7.95		2.38
1252	9/6/2007 12:31	17.92	45.504	29.53	7.18	7.95		2.34
1253	9/6/2007 12:46	18.03	46.125	29.98	7.13	7.95		2.28
1254	9/6/2007 13:01	18.12	45.872	29.8	6.94	7.95		2.24
1255	9/6/2007 13:16	18.23	44.364	28.71	6.89	7.94		2.21
1256	9/6/2007 13:31	18.39	44.197	28.59	6.85	7.94		2.18
1257	9/6/2007 13:46	18.53	39.377	25.16	6.74	7.93		2.16
1258	9/6/2007 14:01	18.62	44.768	29	6.19	7.91		2.13
1259	9/6/2007 14:16	18.74	44.628	28.9	5.7	7.9		2.12
1260	9/6/2007 14:31	18.82	45.663	29.65	6.83	7.96		2.12
1261	9/6/2007 14:46	18.83	45.095	29.24	7.65	7.99		2.13
1262	9/6/2007 15:01	18.77	44.133	28.55	7.48	7.98		2.15
1263	9/6/2007 15:16	18.8	44.763	29	7.54	7.98		2.17
1264	9/6/2007 15:31	18.78	44.969	29.15	7.68	7.99		2.20
1265	9/6/2007 15:46	18.83	45.758	29.72	7.66	7.99		2.24
1266	9/6/2007 16:01	18.64	43.69	28.23	7.74	7.98		2.29
1267	9/6/2007 16:16	18.53	40.929	26.26	7.8	7.98		2.35
1268	9/6/2007 16:31	18.47	41.021	26.32	7.7	7.97		2.41
1269	9/6/2007 16:46	18.2	40.361	25.85	7.73	7.97		2.46
1270	9/6/2007 17:01	17.78	40.637	26.05	7.5	7.95		2.53
1271	9/6/2007 17:16	17.28	39.577	25.3	7.47	7.94		2.59
1272	9/6/2007 17:31	16.94	39.524	25.26	7.59	7.94		2.65
1273	9/6/2007 17:46	16.69	39.405	25.17	7.75	7.95		2.72
1274	9/6/2007 18:01	16.17	45.725	29.68	7.71	7.94		2.78
1275	9/6/2007 18:16	16.11	40.556	25.98	7.91	7.94		2.85
1276	9/6/2007 18:31	15.8	39.99	25.58	7.98	7.94		2.92
1277	9/6/2007 18:46	15.5	39.418	25.17	8.09	7.94		2.98
1278	9/6/2007 19:01	15.32	39.064	24.92	8.11	7.94		3.05
1279	9/6/2007 19:16	15.03	39.158	24.98	8.3	7.94		3.11
1280	9/6/2007 19:31	14.68	39.8	25.43	8.4	7.93		3.16
1281	9/6/2007 19:46	14.59	39.02	24.88	8.48	7.93		3.21
1282	9/6/2007 20:01	14.42	39.305	25.07	8.62	7.93		3.25
1283	9/6/2007 20:16	14.31	39.331	25.09	8.58	7.92		3.29
1284	9/6/2007 20:31	14.32	41.44	26.58	8.38	7.92		3.30
1285	9/6/2007 20:46	14.52	41.391	26.55	8.41	7.92		3.31
1286	9/6/2007 21:01	14.39	41.732	26.79	8.36	7.92		3.30
1287	9/6/2007 21:16	14.25	42.995	27.69	8.33	7.92		3.27
1288	9/6/2007 21:31	14.35	43.121	27.78	8.27	7.92		3.22
1289	9/6/2007 21:46	15.33	41.768	26.83	7.72	7.91		3.17
1290	9/6/2007 22:01	15.88	43.453	28.04	7.25	7.9		3.11
1291	9/6/2007 22:16	15.54	42.383	27.27	7.39	7.9		3.03
1292	9/6/2007 22:31	15.59	44.849	29.04	7.31	7.9		2.94
1293	9/6/2007 22:46	15.97	45.794	29.73	7.31	7.91		2.83
1294	9/6/2007 23:01	16.39	47.842	31.22	7.27	7.92		2.75
1295	9/6/2007 23:16	16.59	43.733	28.25	7.35	7.92		2.65

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #4	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	9/6/2007 23:31	16.78	43.025	27.75	7.22	7.92		2.55
1297	9/6/2007 23:46	17.35	43.082	27.79	7.12	7.93		2.45
1298	9/7/2007 00:01	17.59	45.083	29.23	7	7.93		2.34
1299	9/7/2007 00:16	17.2	43.318	27.96	7.14	7.92		2.23
1300	9/7/2007 00:31	17.5	42.337	27.26	7.4	7.96		2.11
1301	9/7/2007 00:46	17.67	41.249	26.48	7.54	7.97		2.01
1302	9/7/2007 01:01	17.44	44.205	28.6	7.26	7.95		1.88
1303	9/7/2007 01:16	17.66	43.01	27.74	7.23	7.95		1.75
1304	9/7/2007 01:31	17.9	41.894	26.94	7.27	7.96		1.63
1305	9/7/2007 01:46	18.07	41.161	26.42	7.15	7.95		1.50
1306	9/7/2007 02:01	18.19	41.61	26.74	7.08	7.95		1.40
1307	9/7/2007 02:16	18.39	42.918	27.68	7.02	7.96		1.29
1308	9/7/2007 02:31	18.69	43.724	28.25	7.06	7.97		1.21
1309	9/7/2007 02:46	18.9	44.023	28.47	7.09	7.99		1.13
1310	9/7/2007 03:01	19.14	43.955	28.42	7.12	7.99		1.07
1311	9/7/2007 03:16	19.26	43.613	28.17	7.22	8.01		1.03
1312	9/7/2007 03:31	19.35	43.547	28.12	7.03	8		0.99
1313	9/7/2007 03:46	19.36	43.532	28.11	6.09	7.96		1.01
1314	9/7/2007 04:01	19.31	43.282	27.93	7.34	8.01		1.02
1315	9/7/2007 04:16	19.38	44.388	28.73	7.52	8.03		1.05
1316	9/7/2007 04:31	19.26	44.617	28.89	7.46	8.03		1.09
1317	9/7/2007 04:46	19.36	43.863	28.35	7.69	8.05		1.17
1318	9/7/2007 05:01	19.31	46.04	29.92	7.64	8.05		1.21
1319	9/7/2007 05:16	19.25	45.456	29.5	7.58	8.04		1.27
1320	9/7/2007 05:31	19.39	46.392	30.18	7.37	8.02		1.35
1321	9/7/2007 05:46	19.48	48.002	31.35	7.18	8.01		1.43
1322	9/7/2007 06:01	19.46	48.215	31.5	7.11	8		1.49
1323	9/7/2007 06:16	19.29	47.446	30.94	7.23	8.01		1.58
1324	9/7/2007 06:31	19.22	47.769	31.18	7.2	8.01		1.67
1325	9/7/2007 06:46	19.08	47.781	31.19	7.22	8.01		1.75
1326	9/7/2007 07:01	18.98	47.327	30.86	7.19	8.01		1.84
1327	9/7/2007 07:16	18.72	47.647	31.09	7.18	8		1.93
1328	9/7/2007 07:31	18.52	48.035	31.37	7.06	7.98		2.01
1329	9/7/2007 07:46	18.23	48.445	31.67	7	7.97		2.11
1330	9/7/2007 08:01	18.06	44.156	28.56	7.11	7.96		2.19
1331	9/7/2007 08:16	17.85	47.413	30.92	6.99	7.95		2.26
1332	9/7/2007 08:31	17.67	46.651	30.36	7.06	7.95		2.35
1333	9/7/2007 08:46	17.46	46.601	30.32	7.06	7.94		2.42
1334	9/7/2007 09:01	17.28	44.738	28.98	7.12	7.94		2.50
1335	9/7/2007 09:16	17.07	45.651	29.64	7.11	7.93		2.56
1336	9/7/2007 09:31	16.64	46.777	30.45	7.23	7.93		2.62
1337	9/7/2007 09:46	16.23	49.469	32.4	7.3	7.93		2.67
1338	9/7/2007 10:01	16.08	49.285	32.26	7.33	7.93		2.72
1339	9/7/2007 10:16	15.77	49.397	32.34	7.49	7.93		2.76
1340	9/7/2007 10:31	15.53	49.099	32.12	7.55	7.92		2.80
	Mean	17.24	50.38	33.08	7.86	7.98	7.4	2.29
	Standard Dev.	1.86	2.43	1.76	0.94	0.06	4.0	0.69

sonde #4

Indian Island Long-Term Deployment Water Quality Data

TP #4

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

Values in bold red type indicate exceedance of established applicable criteria

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

Note: turbidity probe malfunction caused data distortion in some turbidity samples

sonde #1	Indian Island Long-Term Deployment 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	9/7/2007 11:01	15.41	50.984	33.49	7.41	7.97	3.5	2.80
1	9/7/2007 11:16	15.15	51.229	33.67	7.34	7.97	4.3	2.81
2	9/7/2007 11:31	15.21	51.234	33.67	7.3	7.98	3.7	2.79
3	9/7/2007 11:46	15.52	51.209	33.66	7.21	7.99	3.2	2.74
4	9/7/2007 12:01	16.37	51.047	33.56	7.18	8.02	3.9	2.69
5	9/7/2007 12:16	16.76	51.294	33.74	7.1	8.03	3.6	2.64
6	9/7/2007 12:31	17.04	51.182	33.67	7.17	8.04	3.9	2.57
7	9/7/2007 12:46	17.03	51.27	33.73	7.13	8.03	4.0	2.51
8	9/7/2007 13:01	17.38	51.187	33.67	7.27	8.04	3.9	2.43
9	9/7/2007 13:16	17.7	51.239	33.71	7.35	8.06	3.9	2.36
10	9/7/2007 13:31	17.86	51.247	33.72	7.17	8.05	3.8	2.31
11	9/7/2007 13:46	18.09	50.91	33.47	7.46	8.07	4.0	2.25
12	9/7/2007 14:01	18.24	51.227	33.71	7.63	8.08	3.7	2.20
13	9/7/2007 14:16	18.47	51.284	33.75	7.26	8.07	3.4	2.14
14	9/7/2007 14:31	18.59	50.939	33.5	7.74	8.09	3.0	2.10
15	9/7/2007 14:46	18.64	51.266	33.74	7.87	8.1	2.9	2.06
16	9/7/2007 15:01	18.71	51.125	33.64	7.47	8.07	2.4	2.04
17	9/7/2007 15:16	18.79	51.226	33.71	7.55	8.08	3.1	2.01
18	9/7/2007 15:31	18.79	51.141	33.65	8.09	8.1	12.2	2.00
19	9/7/2007 15:46	18.79	51.213	33.7	7.98	8.1	3.3	2.01
20	9/7/2007 16:01	18.83	51.324	33.78	7.82	8.1	3.0	2.02
21	9/7/2007 16:16	18.78	51.26	33.74	7.68	8.09	3.2	2.04
22	9/7/2007 16:31	18.78	51.221	33.71	7.57	8.08	3.5	2.08
23	9/7/2007 16:46	18.66	50.942	33.5	7.48	8.07	3.9	2.13
24	9/7/2007 17:01	18.54	51.131	33.64	7.33	8.05	4.3	2.18
25	9/7/2007 17:16	18.38	51.118	33.63	7.21	8.04	4.5	2.24
26	9/7/2007 17:31	18.2	51.181	33.67	7.19	8.03	4.2	2.29
27	9/7/2007 17:46	18.06	51.152	33.65	7.12	8.03	3.8	2.36
28	9/7/2007 18:01	17.77	51.005	33.54	7	8.01	4.6	2.42
29	9/7/2007 18:16	17.35	51.132	33.63	7.07	8.01	4.3	2.48
30	9/7/2007 18:31	17.06	51.013	33.54	7.17	8	4.8	2.56
31	9/7/2007 18:46	16.58	50.95	33.49	7.29	8	4.8	2.62
32	9/7/2007 19:01	16.33	51.08	33.58	7.28	7.99	4.1	2.69
33	9/7/2007 19:16	16.07	51.124	33.61	7.35	7.99	3.9	2.76
34	9/7/2007 19:31	15.85	50.964	33.49	7.41	7.99	5.0	2.84
35	9/7/2007 19:46	15.14	50.96	33.47	7.58	7.98	5.3	2.91
36	9/7/2007 20:01	14.63	51.116	33.57	7.71	7.97	5.5	2.98
37	9/7/2007 20:16	14.3	51.063	33.52	7.88	7.97	6.6	3.04
38	9/7/2007 20:31	14.06	50.945	33.43	8	7.97	5.1	3.11
39	9/7/2007 20:46	13.79	51.011	33.47	8.05	7.96	4.8	3.16
40	9/7/2007 21:01	13.53	50.976	33.43	8.08	7.96	4.2	3.21
41	9/7/2007 21:16	13.27	51.151	33.55	8.12	7.96	3.7	3.26
42	9/7/2007 21:31	13.26	50.955	33.41	8.07	7.96	3.3	3.29
43	9/7/2007 21:46	13.47	51.01	33.45	7.95	7.96	3.5	3.30
44	9/7/2007 22:01	13.47	51.061	33.49	7.92	7.95	4.1	3.30
45	9/7/2007 22:16	13.36	51.121	33.53	7.94	7.95	3.3	3.28
46	9/7/2007 22:31	13.26	50.897	33.36	8.01	7.95	4.1	3.25
47	9/7/2007 22:46	13.42	50.981	33.43	7.88	7.95	3.2	3.19

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	9/7/2007 23:01	14.78	51.195	33.63	7.41	7.98	6.2	3.13
49	9/7/2007 23:16	14.79	51.062	33.53	7.17	7.96	5.6	3.05
50	9/7/2007 23:31	14.9	51.165	33.61	7.21	7.96	6.5	2.95
51	9/7/2007 23:46	15.03	51.032	33.52	7.19	7.97	5.8	2.86
52	9/8/2007 00:01	15.5	51.197	33.65	7.15	7.99	5.4	2.77
53	9/8/2007 00:16	15.91	51.137	33.62	7.23	8.01	5.6	2.66
54	9/8/2007 00:31	16.38	51.185	33.66	7.23	8.02	7.7	2.55
55	9/8/2007 00:46	16.59	51.236	33.7	7.06	8.02	7.0	2.44
56	9/8/2007 01:01	16.61	51.077	33.58	6.89	8	6.6	2.33
57	9/8/2007 01:16	16.35	51.059	33.57	7.01	8	8.9	2.21
58	9/8/2007 01:31	16.64	51.19	33.67	7.02	8.01	8.0	2.08
59	9/8/2007 01:46	16.6	51.129	33.62	7.01	8.01	8.0	1.96
60	9/8/2007 02:01	16.75	51.24	33.71	6.9	8.01	7.6	1.82
61	9/8/2007 02:16	16.81	51.181	33.66	6.83	8	7.1	1.70
62	9/8/2007 02:31	16.97	51.228	33.7	6.69	8	6.4	1.58
63	9/8/2007 02:46	17.34	51.181	33.67	6.65	8.01	5.6	1.44
64	9/8/2007 03:01	17.56	51.334	33.78	6.62	8.01	5.5	1.33
65	9/8/2007 03:16	17.83	51.284	33.75	6.6	8.02	5.3	1.22
66	9/8/2007 03:31	17.98	51.554	33.95	6.57	8.02	5.5	1.10
67	9/8/2007 03:46	18.16	51.487	33.9	6.61	8.03	4.4	1.03
68	9/8/2007 04:01	18.39	51.391	33.83	6.68	8.05	6.2	0.97
69	9/8/2007 04:16	18.47	51.376	33.82	6.6	8.05	4.8	0.94
70	9/8/2007 04:31	18.55	51.494	33.91	6.47	8.04	1.4	0.92
71	9/8/2007 04:46	18.43	51.358	33.81	6.7	8.05	3.9	0.95
72	9/8/2007 05:01	18.58	51.406	33.84	6.94	8.07	2.9	1.00
73	9/8/2007 05:16	18.66	51.439	33.87	7.13	8.09	3.3	1.05
74	9/8/2007 05:31	18.79	51.496	33.91	7.4	8.12	3.1	1.11
75	9/8/2007 05:46	18.77	51.483	33.9	7.48	8.12	3.0	1.18
76	9/8/2007 06:01	18.68	51.567	33.96	7.38	8.11	3.3	1.25
77	9/8/2007 06:16	18.74	51.132	33.64	7.14	8.08	5.6	1.33
78	9/8/2007 06:31	18.79	51.48	33.9	6.97	8.07	6.3	1.41
79	9/8/2007 06:46	18.72	51.355	33.81	7.08	8.08	6.5	1.50
80	9/8/2007 07:01	18.49	51.398	33.84	7.14	8.07	5.3	1.57
81	9/8/2007 07:16	18.36	51.351	33.8	7.09	8.06	5.3	1.67
82	9/8/2007 07:31	18.31	51.464	33.88	7.07	8.06	5.0	1.76
83	9/8/2007 07:46	18.22	51.369	33.81	7.03	8.05	5.6	1.84
84	9/8/2007 08:01	18.07	51.386	33.83	6.97	8.04	6.3	1.94
85	9/8/2007 08:16	17.84	51.408	33.84	6.85	8.02	6.7	2.05
86	9/8/2007 08:31	17.66	51.374	33.81	6.76	8.01	6.7	2.13
87	9/8/2007 08:46	17.43	51.393	33.83	6.73	8	6.9	2.22
88	9/8/2007 09:01	17.24	51.403	33.83	6.73	7.99	6.8	2.30
89	9/8/2007 09:16	17.02	51.195	33.68	6.75	7.98	7.2	2.38
90	9/8/2007 09:31	16.82	51.275	33.73	6.76	7.98	8.0	2.47
91	9/8/2007 09:46	16.38	51.11	33.6	6.87	7.97	8.7	2.53
92	9/8/2007 10:01	15.98	51.3	33.74	7	7.96	9.4	2.61
93	9/8/2007 10:16	15.6	51.061	33.55	7.16	7.96	9.7	2.67
94	9/8/2007 10:31	15.15	51.258	33.69	7.35	7.95	8.0	2.74
95	9/8/2007 10:46	14.53	51.251	33.67	7.58	7.94	7.8	2.81

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	9/8/2007 11:01	14.17	51.242	33.65	7.68	7.94	5.7	2.85
97	9/8/2007 11:16	14.08	51.086	33.53	7.71	7.94	4.6	2.90
98	9/8/2007 11:31	13.94	51.265	33.66	7.68	7.94	3.9	2.93
99	9/8/2007 11:46	14.36	50.963	33.45	7.64	7.95	4.3	2.93
100	9/8/2007 12:01	14.09	50.992	33.46	7.59	7.94	4.6	2.93
101	9/8/2007 12:16	13.99	51.113	33.55	7.65	7.94	4.5	2.89
102	9/8/2007 12:31	14.09	51.082	33.53	7.61	7.94	4.9	2.85
103	9/8/2007 12:46	14.72	51.106	33.57	7.59	7.96	5.1	2.79
104	9/8/2007 13:01	15.65	51.175	33.64	7.68	8	5.9	2.72
105	9/8/2007 13:16	16.14	51.244	33.7	7.82	8.02	5.5	2.64
106	9/8/2007 13:31	16.37	51.329	33.76	7.87	8.03	5.1	2.56
107	9/8/2007 13:46	16.64	51.296	33.74	7.88	8.04	4.5	2.48
108	9/8/2007 14:01	16.87	51.208	33.68	8.24	8.06	4.9	2.40
109	9/8/2007 14:16	17.13	51.258	33.72	8.1	8.06	4.4	2.33
110	9/8/2007 14:31	17.39	51.298	33.75	8.37	8.08	4.1	2.26
111	9/8/2007 14:46	17.6	51.34	33.79	8.05	8.06	4.2	2.19
112	9/8/2007 15:01	17.73	51.34	33.79	8.49	8.09	3.2	2.14
113	9/8/2007 15:16	17.95	51.369	33.81	8.53	8.1	3.5	2.08
114	9/8/2007 15:31	18.01	51.25	33.72	8.85	8.12	3.1	2.02
115	9/8/2007 15:46	18.06	51.273	33.74	9.18	8.13	2.9	1.97
116	9/8/2007 16:01	18.27	51.369	33.81	9.39	8.15	2.4	1.94
117	9/8/2007 16:16	18.4	51.432	33.86	9.4	8.16	2.4	1.90
118	9/8/2007 16:31	18.56	51.43	33.86	9.2	8.15	2.6	1.89
119	9/8/2007 16:46	18.63	51.446	33.87	9.29	8.15	2.5	1.91
120	9/8/2007 17:01	18.67	51.396	33.84	9.05	8.14	2.3	1.91
121	9/8/2007 17:16	18.62	51.354	33.8	8.93	8.13	2.8	1.94
122	9/8/2007 17:31	18.61	51.397	33.84	8.71	8.12	3.7	1.99
123	9/8/2007 17:46	18.61	51.403	33.84	8.46	8.11	4.9	2.05
124	9/8/2007 18:01	18.54	51.471	33.89	8.21	8.08	5.7	2.11
125	9/8/2007 18:16	18.54	51.332	33.79	8.05	8.07	7.8	2.17
126	9/8/2007 18:31	18.17	51.382	33.82	8	8.06	5.8	2.24
127	9/8/2007 18:46	17.99	51.233	33.71	7.92	8.05	5.7	2.31
128	9/8/2007 19:01	17.67	51.355	33.8	7.72	8.02	5.7	2.38
129	9/8/2007 19:16	17.16	51.238	33.71	7.63	8	5.7	2.45
130	9/8/2007 19:31	16.58	51.094	33.6	7.55	7.98	5.7	2.53
131	9/8/2007 19:46	16.23	51.25	33.7	7.52	7.97	5.5	2.60
132	9/8/2007 20:01	16.1	51.212	33.67	7.52	7.97	5.9	2.68
133	9/8/2007 20:16	15.57	51.11	33.59	7.7	7.96	6.5	2.75
134	9/8/2007 20:31	15.02	51.121	33.58	7.79	7.95	7.6	2.83
135	9/8/2007 20:46	14.66	51.079	33.54	7.91	7.95	7.8	2.91
136	9/8/2007 21:01	14.27	51.231	33.64	8.05	7.95	7.8	2.99
137	9/8/2007 21:16	13.76	51.227	33.62	8.18	7.94	7.0	3.06
138	9/8/2007 21:31	13.46	51.049	33.48	8.26	7.94	6.6	3.13
139	9/8/2007 21:46	13.23	51.207	33.59	8.3	7.94	5.1	3.20
140	9/8/2007 22:01	13.01	51.032	33.45	8.39	7.94	6.1	3.25
141	9/8/2007 22:16	13.01	51.26	33.62	8.38	7.95	3.4	3.29
142	9/8/2007 22:31	12.82	51.247	33.6	8.41	7.95	3.1	3.32
143	9/8/2007 22:46	12.82	51.066	33.47	8.32	7.94	2.1	3.34

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
144	9/8/2007 23:01	13.12	50.959	33.4	8.22	7.94	3.6	3.34
145	9/8/2007 23:16	13.08	51.233	33.6	8.29	7.95	3.4	3.32
146	9/8/2007 23:31	12.86	51.221	33.59	8.44	7.95	4.0	3.28
147	9/8/2007 23:46	12.94	51.065	33.47	8.35	7.95	3.5	3.22
148	9/9/2007 00:01	14.44	51.185	33.62	7.52	7.94	7.0	3.14
149	9/9/2007 00:16	14.3	51.234	33.65	7.49	7.93	6.6	3.05
150	9/9/2007 00:31	14.72	51.046	33.52	7.47	7.95	6.7	2.96
151	9/9/2007 00:46	15	51.035	33.52	7.62	7.97	7.8	2.84
152	9/9/2007 01:01	15.25	51.347	33.76	7.63	7.99	6.4	2.73
153	9/9/2007 01:16	15.77	51.349	33.77	7.55	8	6.0	2.62
154	9/9/2007 01:31	16.11	51.325	33.76	7.47	8	7.1	2.50
155	9/9/2007 01:46	16.46	51.229	33.69	7.46	8.02	9.4	2.37
156	9/9/2007 02:01	16.31	51.399	33.81	7.32	7.99	6.2	2.26
157	9/9/2007 02:16	15.89	51.094	33.58	7.24	7.97	6.7	2.14
158	9/9/2007 02:31	16.19	51.215	33.68	7.34	7.99	9.1	1.99
159	9/9/2007 02:46	16.43	51.248	33.71	7.37	8	7.3	1.87
160	9/9/2007 03:01	16.67	51.354	33.79	7.32	8	8.3	1.75
161	9/9/2007 03:16	16.8	51.352	33.79	7.29	8	5.8	1.63
162	9/9/2007 03:31	16.96	51.228	33.7	7.11	8	7.3	1.49
163	9/9/2007 03:46	17.18	51.242	33.71	7.02	8	6.1	1.37
164	9/9/2007 04:01	17.44	51.387	33.82	6.95	8	5.2	1.25
165	9/9/2007 04:16	17.8	51.418	33.85	7.04	8.03	4.8	1.16
166	9/9/2007 04:31	17.89	51.441	33.86	7.01	8.02	4.0	1.07
167	9/9/2007 04:46	18.09	51.377	33.82	6.93	8.03	2.1	1.00
168	9/9/2007 05:01	18.09	51.505	33.91	6.91	8.03	3.1	0.97
169	9/9/2007 05:16	18.34	51.34	33.79	6.94	8.05	2.5	0.95
170	9/9/2007 05:31	18.02	51.34	33.79	7.05	8.03	3.4	0.97
171	9/9/2007 05:46	18.16	51.421	33.85	7.17	8.05	3.5	1.02
172	9/9/2007 06:01	18.47	51.595	33.98	7.45	8.09	3.2	1.06
173	9/9/2007 06:16	18.54	51.391	33.83	7.67	8.1	3.1	1.14
174	9/9/2007 06:31	18.57	51.576	33.97	7.77	8.11	3.4	1.23
175	9/9/2007 06:46	18.43	51.493	33.91	7.66	8.09	3.9	1.31
176	9/9/2007 07:01	18.53	51.322	33.78	7.45	8.08	5.7	1.39
177	9/9/2007 07:16	18.61	51.468	33.89	7.29	8.07	7.2	1.48
178	9/9/2007 07:31	18.42	51.412	33.85	7.46	8.07	5.9	1.58
179	9/9/2007 07:46	18.21	51.426	33.86	7.43	8.06	6.0	1.66
180	9/9/2007 08:01	18.1	51.432	33.86	7.44	8.06	5.3	1.76
181	9/9/2007 08:16	18	51.393	33.83	7.45	8.05	5.3	1.86
182	9/9/2007 08:31	17.74	51.474	33.89	7.39	8.04	5.8	1.96
183	9/9/2007 08:46	17.51	51.368	33.81	7.25	8.01	6.5	2.05
184	9/9/2007 09:01	17.35	51.416	33.84	7.15	8	6.8	2.14
185	9/9/2007 09:16	17.09	51.325	33.77	7.11	7.99	7.1	2.24
186	9/9/2007 09:31	16.82	51.393	33.82	7.12	7.98	8.7	2.33
187	9/9/2007 09:46	16.57	51.196	33.67	7.17	7.97	9.5	2.42
188	9/9/2007 10:01	16.41	51.197	33.67	7.19	7.97	9.5	2.51
189	9/9/2007 10:16	16	51.294	33.73	7.29	7.96	11.7	2.59
190	9/9/2007 10:31	15.49	51.306	33.73	7.46	7.95	10.6	2.67
191	9/9/2007 10:46	15.09	51.134	33.6	7.63	7.95	9.9	2.75

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
192	9/9/2007 11:01	14.54	51.168	33.61	7.9	7.95	10.0	2.82
193	9/9/2007 11:16	14.27	51.065	33.52	8.02	7.96	9.7	2.88
194	9/9/2007 11:31	14.14	50.995	33.47	8.05	7.96	7.3	2.94
195	9/9/2007 11:46	14.01	51.108	33.55	8.08	7.96	7.5	3.00
196	9/9/2007 12:01	14.03	51.075	33.52	8.11	7.96	3.5	3.03
197	9/9/2007 12:16	14.5	51.167	33.6	8	7.97	3.7	3.05
198	9/9/2007 12:31	14.16	51.211	33.63	7.93	7.96	4.0	3.05
199	9/9/2007 12:46	14.05	51.187	33.6	8	7.96	4.0	3.02
200	9/9/2007 13:01	14.04	51.101	33.54	7.99	7.96	5.1	2.97
201	9/9/2007 13:16	14.38	51.265	33.67	8.01	7.97	6.5	2.89
202	9/9/2007 13:31	15.18	51.092	33.57	8.26	8.01	5.9	2.83
203	9/9/2007 13:46	15.39	51.203	33.65	8.21	8.01	6.8	2.74
204	9/9/2007 14:01	15.6	51.208	33.66	8.45	8.02	7.5	2.65
205	9/9/2007 14:16	15.74	51.105	33.59	8.55	8.03	5.1	2.55
206	9/9/2007 14:31	15.82	51.278	33.72	8.67	8.05	4.6	2.46
207	9/9/2007 14:46	16.23	51.264	33.71	8.5	8.05	5.4	2.38
208	9/9/2007 15:01	16.33	51.226	33.69	8.68	8.06	5.7	2.29
209	9/9/2007 15:16	16.59	51.271	33.73	8.82	8.07	5.3	2.21
210	9/9/2007 15:31	16.74	51.253	33.71	8.77	8.08	4.7	2.12
211	9/9/2007 15:46	16.78	51.414	33.83	8.88	8.09	4.6	2.05
212	9/9/2007 16:01	16.75	51.361	33.79	9.05	8.1	4.1	1.98
213	9/9/2007 16:16	16.88	51.343	33.78	9.18	8.11	4.1	1.89
214	9/9/2007 16:31	16.98	51.408	33.83	9.3	8.12	3.7	1.85
215	9/9/2007 16:46	17.35	51.271	33.73	8.99	8.12	3.4	1.80
216	9/9/2007 17:01	17.55	51.519	33.92	9.06	8.13	2.6	1.76
217	9/9/2007 17:16	17.85	51.42	33.85	8.6	8.11	1.9	1.75
218	9/9/2007 17:31	18.09	51.49	33.9	8.15	8.1	1.0	1.74
219	9/9/2007 17:46	18.2	51.539	33.94	8.64	8.13	2.6	1.78
220	9/9/2007 18:01	18.13	51.407	33.84	8.65	8.12	2.8	1.79
221	9/9/2007 18:16	18.01	51.45	33.87	8.55	8.11	3.2	1.84
222	9/9/2007 18:31	17.97	51.368	33.81	8.51	8.1	4.2	1.90
223	9/9/2007 18:46	17.88	51.338	33.79	8.38	8.09	4.8	1.97
224	9/9/2007 19:01	18.12	51.29	33.75	8.11	8.07	8.1	2.06
225	9/9/2007 19:16	17.89	51.315	33.77	8.07	8.06	7.0	2.12
226	9/9/2007 19:31	17.57	51.32	33.77	8.08	8.05	6.3	2.20
227	9/9/2007 19:46	17.32	51.434	33.85	8	8.03	6.5	2.28
228	9/9/2007 20:01	16.88	51.297	33.75	7.95	8.01	6.2	2.35
229	9/9/2007 20:16	16.52	51.348	33.78	7.82	8	6.2	2.43
230	9/9/2007 20:31	16.3	51.346	33.78	7.73	7.99	6.1	2.51
231	9/9/2007 20:46	16.12	51.317	33.75	7.72	7.98	7.0	2.59
232	9/9/2007 21:01	15.82	51.134	33.61	7.8	7.98	6.7	2.67
233	9/9/2007 21:16	15.4	51.101	33.58	7.97	7.98	6.9	2.75
234	9/9/2007 21:31	15.18	51.06	33.54	8.07	7.98	7.9	2.83
235	9/9/2007 21:46	14.98	51.266	33.69	8.14	7.99	7.2	2.91
236	9/9/2007 22:01	14.61	51.199	33.63	8.36	7.99	9.1	2.99
237	9/9/2007 22:16	14.22	51.181	33.61	8.51	8	8.8	3.07
238	9/9/2007 22:31	13.75	51.142	33.56	8.72	8.01	7.1	3.15
239	9/9/2007 22:46	13.44	51.049	33.48	8.93	8.02	4.8	3.20

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
240	9/9/2007 23:01	13.4	51.179	33.58	8.95	8.03	3.6	3.26
241	9/9/2007 23:16	13.33	51.22	33.6	8.97	8.03	3.3	3.31
242	9/9/2007 23:31	13.27	51.107	33.52	8.99	8.04	2.8	3.33
243	9/9/2007 23:46	13.63	51.168	33.58	8.69	8.03	3.5	3.35
244	9/10/2007 00:01	13.56	51.139	33.55	8.72	8.02	3.2	3.34
245	9/10/2007 00:16	13.3	51.073	33.49	8.94	8.03	2.6	3.31
246	9/10/2007 00:31	13.3	51.068	33.49	8.94	8.04	4.3	3.24
247	9/10/2007 00:46	13.94	51.232	33.63	8.44	8.01	4.6	3.17
248	9/10/2007 01:01	14.45	51.099	33.55	7.94	7.98	6.7	3.08
249	9/10/2007 01:16	14.51	51.201	33.63	7.9	7.98	7.0	2.97
250	9/10/2007 01:31	14.73	51.256	33.68	7.83	7.98	6.6	2.86
251	9/10/2007 01:46	15.31	51.271	33.7	7.58	7.98	9.0	2.75
252	9/10/2007 02:01	15.79	51.234	33.68	7.39	7.98	9.6	2.63
253	9/10/2007 02:16	16.24	51.365	33.79	7.13	7.98	7.8	2.51
254	9/10/2007 02:31	16.32	51.347	33.78	7.15	7.98	8.0	2.39
255	9/10/2007 02:46	16.43	51.413	33.83	6.99	7.97	8.7	2.26
256	9/10/2007 03:01	16	51.295	33.73	7.3	7.97	8.1	2.13
257	9/10/2007 03:16	15.94	51.227	33.68	7.37	7.98	7.4	2.02
258	9/10/2007 03:31	16.11	51.223	33.68	7.28	7.98	7.2	1.89
259	9/10/2007 03:46	16.26	51.24	33.7	7.19	7.97	7.0	1.77
260	9/10/2007 04:01	16.43	51.217	33.68	7.11	7.98	7.1	1.63
261	9/10/2007 04:16	16.53	51.456	33.86	6.97	7.97	5.7	1.51
262	9/10/2007 04:31	16.65	51.458	33.86	6.85	7.96	5.9	1.40
263	9/10/2007 04:46	16.88	51.361	33.8	6.83	7.97	5.4	1.28
264	9/10/2007 05:01	17.13	51.37	33.81	6.79	7.98	5.9	1.19
265	9/10/2007 05:16	17.29	51.323	33.77	6.74	7.98	3.7	1.13
266	9/10/2007 05:31	17.43	50.066	32.85	6.68	7.98	3.4	1.08
267	9/10/2007 05:46	17.57	49.69	32.58	6.64	7.98	3.1	1.04
268	9/10/2007 06:01	17.74	49.789	32.65	6.45	7.99	1.4	1.06
269	9/10/2007 06:16	17.47	49.803	32.66	6.86	8	4.0	1.08
270	9/10/2007 06:31	17.63	49.498	32.44	6.95	8.01	3.4	1.13
271	9/10/2007 06:46	17.69	49.848	32.69	6.96	8.01	4.0	1.21
272	9/10/2007 07:01	17.89	49.811	32.67	7.01	8.03	4.2	1.28
273	9/10/2007 07:16	17.8	50.08	32.86	6.99	8.02	4.2	1.37
274	9/10/2007 07:31	17.81	49.874	32.71	6.91	8.01	5.6	1.46
275	9/10/2007 07:46	17.87	50	32.81	6.79	8	7.8	1.55
276	9/10/2007 08:01	17.73	50.19	32.94	6.84	8	6.8	1.64
277	9/10/2007 08:16	17.49	49.773	32.64	6.93	7.99	5.9	1.73
278	9/10/2007 08:31	17.38	49.704	32.58	6.95	7.99	5.9	1.83
279	9/10/2007 08:46	17.39	49.331	32.31	6.95	7.99	5.8	1.92
280	9/10/2007 09:01	17.23	49.959	32.77	6.98	7.99	5.4	2.02
281	9/10/2007 09:16	17.04	50.084	32.86	7.03	7.98	6.9	2.12
282	9/10/2007 09:31	16.89	50.408	33.1	7.04	7.97	7.6	2.22
283	9/10/2007 09:46	16.68	50.37	33.06	7.1	7.97	7.1	2.30
284	9/10/2007 10:01	16.45	50.277	32.99	7.19	7.96	8.4	2.40
285	9/10/2007 10:16	16.25	50.264	32.98	7.26	7.96	8.0	2.49
286	9/10/2007 10:31	16.1	50.14	32.89	7.33	7.96	9.4	2.58
287	9/10/2007 10:46	15.78	49.631	32.51	7.46	7.96	10.0	2.66

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
288	9/10/2007 11:01	15.34	49.51	32.41	7.58	7.96	10.6	2.75
289	9/10/2007 11:16	14.81	50.058	32.8	7.65	7.96	11.7	2.82
290	9/10/2007 11:31	14.48	49.973	32.73	7.8	7.96	8.5	2.90
291	9/10/2007 11:46	14.28	49.799	32.6	7.85	7.96	7.9	2.97
292	9/10/2007 12:01	14.12	49.945	32.7	7.82	7.96	6.4	3.03
293	9/10/2007 12:16	14.06	49.901	32.66	7.83	7.97	5.6	3.08
294	9/10/2007 12:31	14.01	49.775	32.57	7.84	7.97	4.0	3.12
295	9/10/2007 12:46	13.88	49.761	32.56	7.87	7.97	2.9	3.14
296	9/10/2007 13:01	14.24	49.657	32.49	7.65	7.96	3.9	3.13
297	9/10/2007 13:16	14.11	49.684	32.51	7.78	7.97	3.7	3.11
298	9/10/2007 13:31	13.99	49.557	32.41	7.92	7.98	3.9	3.05
299	9/10/2007 13:46	15.04	49.748	32.58	7.87	7.99	5.4	2.98
300	9/10/2007 14:01	15.05	49.703	32.55	7.82	7.99	7.3	2.90
301	9/10/2007 14:16	15.08	49.848	32.65	7.83	7.99	9.8	2.80
302	9/10/2007 14:31	15.2	49.822	32.64	7.9	7.99	7.3	2.70
303	9/10/2007 14:46	15.57	49.621	32.5	7.88	7.99	8.4	2.59
304	9/10/2007 15:01	16.01	49.661	32.54	7.76	7.99	9.3	2.50
305	9/10/2007 15:16	16.32	49.703	32.57	7.95	8.01	8.0	2.40
306	9/10/2007 15:31	16.72	49.692	32.57	7.73	8.01	9.5	2.29
307	9/10/2007 15:46	16.68	49.722	32.59	7.79	8.01	6.8	2.22
308	9/10/2007 16:01	16.62	49.631	32.52	8.1	8.03	5.1	2.11
309	9/10/2007 16:16	16.49	49.827	32.66	8.45	8.05	4.6	2.02
310	9/10/2007 16:31	16.51	50.001	32.79	8.35	8.04	4.7	1.94
311	9/10/2007 16:46	16.6	49.994	32.79	8.44	8.05	4.3	1.86
312	9/10/2007 17:01	16.7	49.69	32.57	8.86	8.07	4.8	1.79
313	9/10/2007 17:16	16.76	49.587	32.49	8.75	8.08	3.6	1.71
314	9/10/2007 17:31	16.91	49.942	32.75	8.86	8.08	3.7	1.67
315	9/10/2007 17:46	16.93	49.97	32.77	8.38	8.06	1.8	1.64
316	9/10/2007 18:01	16.84	49.951	32.76	8.89	8.08	2.5	1.63
317	9/10/2007 18:16	16.97	49.937	32.75	8.33	8.05	3.5	1.63
318	9/10/2007 18:31	17.45	50.01	32.81	8.03	8.05	2.9	1.65
319	9/10/2007 18:46	17.34	49.729	32.6	8.07	8.05	3.9	1.71
320	9/10/2007 19:01	17.61	49.875	32.71	7.82	8.04	4.6	1.75
321	9/10/2007 19:16	17.56	49.949	32.77	7.77	8.04	4.8	1.82
322	9/10/2007 19:31	17.54	49.873	32.71	7.64	8.02	6.1	1.90
323	9/10/2007 19:46	17.56	49.763	32.63	7.41	8	9.1	1.99
324	9/10/2007 20:01	17.34	49.973	32.78	7.45	8	8.2	2.07
325	9/10/2007 20:16	17.13	49.782	32.64	7.53	8	6.0	2.15
326	9/10/2007 20:31	17.08	49.83	32.67	7.49	7.99	6.7	2.23
327	9/10/2007 20:46	16.81	50.006	32.8	7.47	7.98	6.6	2.32
328	9/10/2007 21:01	16.46	49.711	32.58	7.41	7.97	6.0	2.40
329	9/10/2007 21:16	16.26	49.844	32.67	7.32	7.96	5.9	2.47
330	9/10/2007 21:31	16.08	49.683	32.55	7.29	7.95	6.3	2.57
331	9/10/2007 21:46	15.72	49.604	32.49	7.28	7.95	9.2	2.65
332	9/10/2007 22:01	15.43	49.686	32.54	7.3	7.94	7.3	2.74
333	9/10/2007 22:16	15.25	49.789	32.61	7.35	7.95	7.9	2.82
334	9/10/2007 22:31	14.92	49.77	32.59	7.54	7.95	8.1	2.90
335	9/10/2007 22:46	14.5	49.607	32.46	7.73	7.95	8.4	2.99

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
336	9/10/2007 23:01	14.05	49.69	32.51	7.88	7.96	8.2	3.06
337	9/10/2007 23:16	13.52	49.497	32.35	8.13	7.96	6.0	3.14
338	9/10/2007 23:31	13.33	48.652	31.73	8.27	7.97	4.6	3.20
339	9/10/2007 23:46	13.23	49.457	32.31	8.29	7.97	3.4	3.25
340	9/11/2007 00:01	13.28	49.633	32.44	8.27	7.98	2.6	3.29
341	9/11/2007 00:16	13.29	49.876	32.62	8.16	7.98	2.6	3.32
342	9/11/2007 00:31	13.71	49.781	32.57	7.82	7.96	2.2	3.33
343	9/11/2007 00:46	13.48	49.993	32.71	7.99	7.97	3.5	3.31
344	9/11/2007 01:01	13.15	49.955	32.67	8.27	7.98	2.9	3.27
345	9/11/2007 01:16	13.28	49.39	32.27	8.2	7.97	3.3	3.21
346	9/11/2007 01:31	14.17	49.353	32.27	7.59	7.95	5.4	3.12
347	9/11/2007 01:46	14.39	49.519	32.4	7.47	7.95	5.8	3.02
348	9/11/2007 02:01	14.47	49.684	32.52	7.32	7.94	6.9	2.91
349	9/11/2007 02:16	14.8	49.739	32.57	7.17	7.93	6.1	2.81
350	9/11/2007 02:31	15.42	49.794	32.62	6.89	7.93	6.6	2.69
351	9/11/2007 02:46	15.99	49.239	32.23	6.6	7.92	7.0	2.57
352	9/11/2007 03:01	15.84	49.256	32.24	6.78	7.93	6.2	2.46
353	9/11/2007 03:16	16.48	50.801	33.38	6.27	7.92	7.3	2.34
354	9/11/2007 03:31	15.95	49.413	32.35	6.73	7.93	6.7	2.23
355	9/11/2007 03:46	15.98	49.534	32.44	6.61	7.92	7.1	2.10
356	9/11/2007 04:01	15.92	50.305	33.01	6.68	7.92	6.7	1.99
357	9/11/2007 04:16	15.84	50.18	32.91	6.67	7.92	6.6	1.86
358	9/11/2007 04:31	15.97	50.278	32.99	6.52	7.91	7.1	1.74
359	9/11/2007 04:46	16.22	49.689	32.56	6.48	7.92	6.7	1.61
360	9/11/2007 05:01	16.42	49.767	32.62	6.45	7.92	6.3	1.50
361	9/11/2007 05:16	16.42	49.649	32.53	6.37	7.91	5.7	1.39
362	9/11/2007 05:31	16.62	49.284	32.27	6.32	7.91	10.1	1.30
363	9/11/2007 05:46	16.8	49.342	32.31	6.32	7.92	6.3	1.24
364	9/11/2007 06:01	16.92	50.155	32.91	6.25	7.92	5.2	1.18
365	9/11/2007 06:16	17.03	49.903	32.73	6.11	7.92	4.5	1.14
366	9/11/2007 06:31	17.11	49.753	32.62	6	7.91	2.8	1.15
367	9/11/2007 06:46	17.03	49.737	32.61	6.31	7.93	4.5	1.17
368	9/11/2007 07:01	17.21	50.106	32.88	6.41	7.94	4.2	1.21
369	9/11/2007 07:16	17.25	50.139	32.9	6.45	7.95	3.9	1.27
370	9/11/2007 07:31	17.41	50.248	32.98	6.45	7.96	3.9	1.34
371	9/11/2007 07:46	17.32	50.175	32.93	6.47	7.95	4.5	1.44
372	9/11/2007 08:01	17.31	50.134	32.9	6.39	7.94	6.3	1.52
373	9/11/2007 08:16	17.38	50.191	32.94	6.23	7.92	7.6	1.62
374	9/11/2007 08:31	17.26	50.113	32.88	6.26	7.92	8.0	1.71
375	9/11/2007 08:46	17.08	50.044	32.83	6.34	7.92	6.4	1.80
376	9/11/2007 09:01	16.99	50.1	32.87	6.34	7.92	5.9	1.90
377	9/11/2007 09:16	16.96	49.932	32.75	6.35	7.92	5.4	1.99
378	9/11/2007 09:31	16.84	50.02	32.81	6.38	7.92	6.7	2.09
379	9/11/2007 09:46	16.6	49.993	32.79	6.49	7.92	6.1	2.18
380	9/11/2007 10:01	16.51	50.02	32.81	6.51	7.91	7.3	2.27
381	9/11/2007 10:16	16.35	49.983	32.78	6.55	7.91	7.2	2.37
382	9/11/2007 10:31	16.11	49.972	32.76	6.6	7.91	7.5	2.45
383	9/11/2007 10:46	15.9	50.138	32.88	6.68	7.91	7.3	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
384	9/11/2007 11:01	15.77	50.044	32.81	6.72	7.91	9.1	2.64
385	9/11/2007 11:16	15.38	49.912	32.71	6.87	7.91	11.1	2.72
386	9/11/2007 11:31	14.88	49.853	32.65	7.06	7.91	10.5	2.82
387	9/11/2007 11:46	14.36	49.749	32.56	7.23	7.91	8.5	2.90
388	9/11/2007 12:01	14.17	49.708	32.53	7.42	7.93	7.6	2.97
389	9/11/2007 12:16	14.04	49.446	32.33	7.59	7.94	7.1	3.04
390	9/11/2007 12:31	13.91	49.523	32.38	7.7	7.94	4.8	3.11
391	9/11/2007 12:46	13.82	49.593	32.43	7.76	7.95	3.9	3.16
392	9/11/2007 13:01	13.89	49.594	32.44	7.7	7.95	2.6	3.19
393	9/11/2007 13:16	14.12	49.456	32.34	7.64	7.94	2.5	3.21
394	9/11/2007 13:31	14.17	50.216	32.9	7.47	7.94	3.5	3.21
395	9/11/2007 13:46	13.9	50.119	32.82	7.62	7.95	2.6	3.18
396	9/11/2007 14:01	13.7	49.468	32.34	7.66	7.94	2.9	3.12
397	9/11/2007 14:16	14.18	49.682	32.51	7.6	7.95	5.6	3.03
398	9/11/2007 14:31	14.74	49.475	32.37	7.72	7.96	6.7	2.95
399	9/11/2007 14:46	14.83	49.3	32.25	7.68	7.96	8.6	2.85
400	9/11/2007 15:01	15.07	49.459	32.37	7.65	7.96	7.0	2.74
401	9/11/2007 15:16	15.26	49.461	32.37	7.52	7.96	7.6	2.63
402	9/11/2007 15:31	15.78	49.896	32.7	7.32	7.95	9.0	2.51
403	9/11/2007 15:46	16.24	49.865	32.69	7.23	7.96	11.1	2.41
404	9/11/2007 16:01	16.51	49.837	32.67	7.38	7.97	8.7	2.31
405	9/11/2007 16:16	16.3	49.543	32.45	7.35	7.97	6.4	2.20
406	9/11/2007 16:31	16.32	49.601	32.5	7.76	7.99	6.9	2.11
407	9/11/2007 16:46	16.38	49.555	32.46	7.78	7.99	6.7	2.01
408	9/11/2007 17:01	16.42	49.538	32.45	8.01	8.01	5.7	1.91
409	9/11/2007 17:16	16.45	49.543	32.46	8.07	8.01	5.3	1.82
410	9/11/2007 17:31	16.6	49.474	32.41	8.03	8.01	5.6	1.73
411	9/11/2007 17:46	16.65	49.455	32.39	8.19	8.03	5.0	1.66
412	9/11/2007 18:01	16.81	49.54	32.46	7.87	8.01	4.3	1.59
413	9/11/2007 18:16	16.83	49.554	32.47	8.28	8.04	2.8	1.55
414	9/11/2007 18:31	16.94	50.005	32.8	7.36	7.98	1.5	1.52
415	9/11/2007 18:46	16.56	49.55	32.46	8.58	8.04	3.8	1.52
416	9/11/2007 19:01	17.19	49.178	32.2	7.88	8.01	5.0	1.52
417	9/11/2007 19:16	16.95	49.568	32.48	7.92	8.01	4.0	1.56
418	9/11/2007 19:31	17.07	49.94	32.75	7.62	7.99	4.5	1.62
419	9/11/2007 19:46	17.48	49.548	32.47	7.56	8	5.3	1.68
420	9/11/2007 20:01	17.33	49.944	32.76	7.46	7.99	5.4	1.76
421	9/11/2007 20:16	17.48	49.614	32.52	7.15	7.96	7.6	1.85
422	9/11/2007 20:31	17.54	49.688	32.57	6.96	7.94	9.5	1.94
423	9/11/2007 20:46	17.14	49.804	32.66	7.11	7.94	7.7	2.03
424	9/11/2007 21:01	16.95	49.612	32.51	7.16	7.95	6.2	2.11
425	9/11/2007 21:16	16.9	49.644	32.54	7.15	7.95	6.7	2.19
426	9/11/2007 21:31	16.55	49.848	32.68	7.09	7.94	7.0	2.28
427	9/11/2007 21:46	16.33	49.546	32.46	6.98	7.93	5.9	2.35
428	9/11/2007 22:01	16.23	49.836	32.67	6.91	7.92	6.8	2.44
429	9/11/2007 22:16	16.08	50.507	33.16	6.89	7.92	6.7	2.52
430	9/11/2007 22:31	15.75	49.648	32.52	6.95	7.91	8.0	2.61
431	9/11/2007 22:46	15.51	50.458	33.11	6.96	7.91	19.2	2.69

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
432	9/11/2007 23:01	15.38	50.28	32.98	6.95	7.91	8.1	2.77
433	9/11/2007 23:16	14.99	50.166	32.88	7.18	7.92	9.5	2.85
434	9/11/2007 23:31	14.67	50.146	32.86	7.3	7.92	8.6	2.93
435	9/11/2007 23:46	14.23	50.146	32.85	7.45	7.93	7.6	3.01
436	9/12/2007 00:01	13.81	49.951	32.69	7.68	7.94	6.3	3.08
437	9/12/2007 00:16	13.57	50.071	32.77	7.8	7.94	5.0	3.14
438	9/12/2007 00:31	13.54	49.669	32.48	7.79	7.95	3.3	3.20
439	9/12/2007 00:46	13.48	49.605	32.43	7.83	7.95	3.1	3.24
440	9/12/2007 01:01	13.6	50.831	33.33	7.65	7.95	5.0	3.25
441	9/12/2007 01:16	13.81	50.829	33.33	7.52	7.94	2.9	3.25
442	9/12/2007 01:31	13.83	50.861	33.36	7.53	7.94	2.3	3.24
443	9/12/2007 01:46	13.52	50.789	33.29	7.76	7.95	2.8	3.19
444	9/12/2007 02:01	13.94	50.926	33.41	7.48	7.94	3.5	3.11
445	9/12/2007 02:16	14.32	50.958	33.45	7.27	7.93	6.1	3.03
446	9/12/2007 02:31	14.78	51.003	33.49	6.95	7.91	7.6	2.94
447	9/12/2007 02:46	14.79	50.982	33.48	6.92	7.91	7.0	2.83
448	9/12/2007 03:01	14.97	50.983	33.48	6.84	7.9	7.4	2.71
449	9/12/2007 03:16	15.58	51.073	33.56	6.5	7.89	7.5	2.61
450	9/12/2007 03:31	15.92	51.184	33.65	6.32	7.89	6.4	2.50
451	9/12/2007 03:46	15.99	51.187	33.65	6.34	7.89	8.2	2.39
452	9/12/2007 04:01	16.01	51.206	33.67	6.35	7.89	6.6	2.29
453	9/12/2007 04:16	16.13	51.135	33.62	6.1	7.87	7.0	2.17
454	9/12/2007 04:31	15.71	51.144	33.62	6.25	7.86	5.9	2.06
455	9/12/2007 04:46	15.89	51.158	33.63	6.37	7.89	6.7	1.95
456	9/12/2007 05:01	15.89	51.101	33.59	6.3	7.88	5.7	1.84
457	9/12/2007 05:16	15.95	51.115	33.6	6.24	7.87	5.3	1.73
458	9/12/2007 05:31	16.19	51.158	33.64	6.2	7.88	5.9	1.62
459	9/12/2007 05:46	16.14	51.041	33.55	6.08	7.87	5.6	1.52
460	9/12/2007 06:01	16.33	51.285	33.73	6.05	7.87	5.0	1.44
461	9/12/2007 06:16	16.46	51.239	33.7	6	7.87	5.9	1.36
462	9/12/2007 06:31	16.57	51.335	33.77	5.98	7.87	3.7	1.31
463	9/12/2007 06:46	16.59	51.2	33.67	5.96	7.87	5.4	1.28
464	9/12/2007 07:01	16.9	51.317	33.76	6.06	7.88	3.0	1.28
465	9/12/2007 07:16	16.64	51.381	33.81	6.06	7.88	4.5	1.30
466	9/12/2007 07:31	17.13	51.523	33.92	6.3	7.91	3.5	1.32
467	9/12/2007 07:46	16.97	51.46	33.87	6.27	7.91	3.7	1.40
468	9/12/2007 08:01	17.22	51.46	33.87	6.34	7.92	4.0	1.47
469	9/12/2007 08:16	17.14	51.347	33.79	6.34	7.92	6.5	1.55
470	9/12/2007 08:31	17.13	51.378	33.81	6.21	7.89	6.4	1.63
471	9/12/2007 08:46	17.17	51.397	33.83	6.09	7.88	7.5	1.73
472	9/12/2007 09:01	16.89	51.366	33.8	6.14	7.88	7.4	1.81
473	9/12/2007 09:16	16.72	51.291	33.74	6.14	7.87	6.3	1.91
474	9/12/2007 09:31	16.65	51.369	33.8	6.14	7.87	6.2	2.00
475	9/12/2007 09:46	16.67	51.233	33.7	6.16	7.87	6.3	2.09
476	9/12/2007 10:01	16.54	51.338	33.77	6.21	7.88	6.4	2.18
477	9/12/2007 10:16	16.35	51.258	33.71	6.27	7.88	6.5	2.27
478	9/12/2007 10:31	16.26	51.316	33.75	6.32	7.88	7.5	2.36
479	9/12/2007 10:46	16.03	51.184	33.65	6.39	7.88	7.4	2.45

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
480	9/12/2007 11:01	15.79	51.176	33.64	6.46	7.88	8.3	2.55
481	9/12/2007 11:16	15.66	51.159	33.63	6.5	7.88	8.7	2.63
482	9/12/2007 11:31	15.37	51.055	33.54	6.64	7.89	10.3	2.72
483	9/12/2007 11:46	14.83	50.984	33.48	6.9	7.89	9.9	2.82
484	9/12/2007 12:01	14.44	50.889	33.4	6.97	7.89	8.9	2.90
485	9/12/2007 12:16	14.13	50.866	33.37	7.22	7.91	7.8	2.98
486	9/12/2007 12:31	13.98	50.844	33.35	7.29	7.91	6.5	3.06
487	9/12/2007 12:46	13.92	50.83	33.34	7.43	7.92	5.1	3.13
488	9/12/2007 13:01	13.87	50.827	33.34	7.5	7.93	4.7	3.19
489	9/12/2007 13:16	13.87	50.851	33.35	7.56	7.94	3.0	3.23
490	9/12/2007 13:31	14.15	50.858	33.37	7.5	7.94	2.2	3.26
491	9/12/2007 13:46	14.37	50.907	33.41	7.29	7.93	3.0	3.26
492	9/12/2007 14:01	14.31	50.914	33.41	7.17	7.92	3.6	3.24
493	9/12/2007 14:16	14.05	50.878	33.38	7.42	7.93	3.1	3.20
494	9/12/2007 14:31	14.2	50.895	33.4	7.28	7.92	3.4	3.13
495	9/12/2007 14:46	14.42	50.913	33.41	7.35	7.93	5.6	3.05
496	9/12/2007 15:01	14.65	51	33.49	7.37	7.93	7.9	2.94
497	9/12/2007 15:16	14.64	51.048	33.52	7.31	7.93	8.7	2.84
498	9/12/2007 15:31	14.81	51.032	33.51	7.21	7.92	7.6	2.73
499	9/12/2007 15:46	15.34	51.155	33.62	6.99	7.92	9.2	2.62
500	9/12/2007 16:01	15.86	50.861	33.41	6.89	7.91	9.2	2.51
501	9/12/2007 16:16	16.03	51.149	33.63	6.73	7.91	9.6	2.41
502	9/12/2007 16:31	16.14	51.303	33.74	6.75	7.91	7.2	2.30
503	9/12/2007 16:46	16.1	51.254	33.7	6.76	7.91	6.6	2.19
504	9/12/2007 17:01	16.03	50.899	33.44	6.9	7.92	5.9	2.09
505	9/12/2007 17:16	15.96	51.25	33.7	7.06	7.93	5.5	2.00
506	9/12/2007 17:31	15.97	51.224	33.68	7.24	7.94	5.7	1.89
507	9/12/2007 17:46	16	50.912	33.45	7.16	7.93	5.1	1.79
508	9/12/2007 18:01	16.09	51.279	33.72	7.23	7.94	5.1	1.70
509	9/12/2007 18:16	16.28	51.272	33.72	6.89	7.92	4.8	1.62
510	9/12/2007 18:31	16.26	51.279	33.73	7.18	7.94	5.3	1.52
511	9/12/2007 18:46	16.29	51.272	33.72	7.1	7.94	4.6	1.48
512	9/12/2007 19:01	16.5	51.337	33.77	6.76	7.92	4.0	1.45
513	9/12/2007 19:16	16.54	51.37	33.8	6.6	7.91	3.2	1.41
514	9/12/2007 19:31	16.22	51.036	33.55	7.18	7.94	4.0	1.42
515	9/12/2007 19:46	16.83	51.486	33.89	6.79	7.93	4.0	1.43
516	9/12/2007 20:01	16.78	51.224	33.69	6.76	7.92	4.8	1.48
517	9/12/2007 20:16	16.97	51.342	33.78	6.74	7.92	4.8	1.55
518	9/12/2007 20:31	17.11	51.407	33.83	6.75	7.93	5.2	1.61
519	9/12/2007 20:46	17.02	51.298	33.75	6.7	7.92	5.9	1.70
520	9/12/2007 21:01	17.15	51.303	33.76	6.53	7.89	8.0	1.80
521	9/12/2007 21:16	16.95	51.334	33.78	6.57	7.89	9.3	1.89
522	9/12/2007 21:31	16.7	51.208	33.68	6.62	7.89	7.1	1.96
523	9/12/2007 21:46	16.62	51.268	33.72	6.65	7.89	6.7	2.05
524	9/12/2007 22:01	16.65	51.263	33.72	6.62	7.89	6.5	2.13
525	9/12/2007 22:16	16.58	51.221	33.69	6.61	7.89	6.8	2.22
526	9/12/2007 22:31	16.34	51.248	33.7	6.56	7.89	6.4	2.30
527	9/12/2007 22:46	16.17	51.056	33.56	6.54	7.88	7.0	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
528	9/12/2007 23:01	16.05	51.176	33.65	6.55	7.88	7.1	2.47
529	9/12/2007 23:16	15.75	51.137	33.61	6.62	7.88	7.3	2.55
530	9/12/2007 23:31	15.63	51.127	33.6	6.63	7.88	7.0	2.63
531	9/12/2007 23:46	15.47	51.076	33.56	6.66	7.88	7.8	2.72
532	9/13/2007 00:01	15.19	51.003	33.5	6.81	7.89	10.5	2.80
533	9/13/2007 00:16	15.02	50.979	33.48	6.87	7.89	7.8	2.87
534	9/13/2007 00:31	14.64	50.891	33.41	7.14	7.91	6.8	2.94
535	9/13/2007 00:46	14.34	50.799	33.33	7.45	7.93	4.3	3.02
536	9/13/2007 01:01	14.25	50.781	33.31	7.48	7.93	4.0	3.07
537	9/13/2007 01:16	14.21	50.807	33.33	7.43	7.93	2.6	3.11
538	9/13/2007 01:31	14.72	50.874	33.4	7.02	7.9	3.3	3.15
539	9/13/2007 01:46	14.94	50.961	33.47	6.81	7.89	3.7	3.16
540	9/13/2007 02:01	14.63	50.906	33.42	7.03	7.91	4.2	3.15
541	9/13/2007 02:16	14.77	50.967	33.46	6.86	7.89	3.1	3.12
542	9/13/2007 02:31	14.39	50.864	33.38	7.21	7.92	3.2	3.07
543	9/13/2007 02:46	14.85	50.954	33.46	6.79	7.89	5.0	3.01
544	9/13/2007 03:01	15.32	51	33.5	6.34	7.86	5.6	2.92
545	9/13/2007 03:16	15.5	51.097	33.58	6.14	7.85	6.2	2.81
546	9/13/2007 03:31	15.62	51.116	33.59	6.08	7.84	6.1	2.72
547	9/13/2007 03:46	15.62	51.069	33.56	6.07	7.84	5.9	2.62
548	9/13/2007 04:01	15.94	51.203	33.66	5.74	7.81	5.4	2.52
549	9/13/2007 04:16	16.13	51.268	33.72	5.47	7.8	5.3	2.42
550	9/13/2007 04:31	16.15	51.239	33.69	5.43	7.79	5.2	2.32
551	9/13/2007 04:46	16.18	51.295	33.74	5.38	7.78	6.3	2.23
552	9/13/2007 05:01	16.17	51.296	33.74	5.44	7.79	5.7	2.13
553	9/13/2007 05:16	15.92	51.205	33.67	5.84	7.82	5.7	2.03
554	9/13/2007 05:31	15.82	51.139	33.62	5.89	7.83	5.4	1.94
555	9/13/2007 05:46	15.83	51.107	33.59	5.82	7.82	5.6	1.83
556	9/13/2007 06:01	15.96	51.18	33.65	5.84	7.83	5.7	1.73
557	9/13/2007 06:16	15.97	51.221	33.68	5.64	7.8	4.8	1.66
558	9/13/2007 06:31	16.02	51.23	33.69	5.55	7.81	5.3	1.58
559	9/13/2007 06:46	16.13	51.261	33.71	5.57	7.8	4.7	1.50
560	9/13/2007 07:01	16.12	51.261	33.71	5.51	7.8	4.6	1.47
561	9/13/2007 07:16	16.16	51.268	33.72	5.38	7.79	2.8	1.46
562	9/13/2007 07:31	16.1	51.267	33.71	5.44	7.79	3.9	1.44
563	9/13/2007 07:46	16.22	51.28	33.73	5.62	7.82	3.8	1.45
564	9/13/2007 08:01	16.36	51.283	33.73	5.75	7.83	4.1	1.50
565	9/13/2007 08:16	16.39	51.31	33.75	5.77	7.83	3.9	1.55
566	9/13/2007 08:31	16.61	51.338	33.78	5.72	7.84	3.7	1.61
567	9/13/2007 08:46	16.53	51.272	33.73	5.76	7.83	4.2	1.69
568	9/13/2007 09:01	16.57	51.35	33.78	5.74	7.83	4.9	1.78
569	9/13/2007 09:16	16.58	51.216	33.68	5.7	7.81	7.5	1.87
570	9/13/2007 09:31	16.36	51.244	33.7	5.77	7.82	6.4	1.95
571	9/13/2007 09:46	16.23	51.21	33.67	5.78	7.81	6.0	2.04
572	9/13/2007 10:01	16.18	51.257	33.71	5.82	7.82	5.4	2.13
573	9/13/2007 10:16	16.2	51.254	33.71	5.85	7.82	6.0	2.22
574	9/13/2007 10:31	16.17	51.171	33.65	5.91	7.83	6.3	2.30
575	9/13/2007 10:46	16.1	51.253	33.7	5.99	7.84	6.3	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
576	9/13/2007 11:01	15.97	51.077	33.57	6.09	7.84	7.3	2.47
577	9/13/2007 11:16	15.74	51.152	33.62	6.17	7.85	7.1	2.55
578	9/13/2007 11:31	15.57	51.197	33.65	6.29	7.85	8.2	2.64
579	9/13/2007 11:46	15.45	51.03	33.53	6.37	7.86	8.1	2.72
580	9/13/2007 12:01	15.12	50.976	33.48	6.64	7.87	8.7	2.81
581	9/13/2007 12:16	14.77	50.864	33.39	6.96	7.89	8.9	2.90
582	9/13/2007 12:31	14.43	50.768	33.31	7.27	7.91	9.5	2.98
583	9/13/2007 12:46	14.15	50.746	33.28	7.53	7.93	7.0	3.06
584	9/13/2007 13:01	14.03	50.671	33.23	7.69	7.94	5.0	3.14
585	9/13/2007 13:16	13.94	50.673	33.23	7.78	7.95	4.0	3.20
586	9/13/2007 13:31	13.97	50.734	33.27	7.82	7.95	2.7	3.25
587	9/13/2007 13:46	14.11	50.79	33.32	7.78	7.96	2.2	3.29
588	9/13/2007 14:01	14.06	50.733	33.27	7.57	7.94	1.5	3.30
589	9/13/2007 14:16	14.44	50.766	33.31	7.49	7.94	2.4	3.30
590	9/13/2007 14:31	14.03	50.687	33.24	7.76	7.95	2.3	3.27
591	9/13/2007 14:46	13.97	50.719	33.26	7.79	7.95	2.7	3.20
592	9/13/2007 15:01	14.33	50.763	33.3	7.74	7.95	4.9	3.14
593	9/13/2007 15:16	14.6	50.771	33.32	7.79	7.96	5.1	3.06
594	9/13/2007 15:31	14.71	50.853	33.38	7.76	7.95	7.2	2.95
595	9/13/2007 15:46	15.05	50.85	33.39	7.65	7.95	7.6	2.84
596	9/13/2007 16:01	15.3	50.942	33.46	7.49	7.94	7.9	2.73
597	9/13/2007 16:16	15.85	50.966	33.49	7.39	7.93	8.6	2.64
598	9/13/2007 16:31	16.18	51.123	33.61	7.23	7.93	7.8	2.53
599	9/13/2007 16:46	16.26	51.106	33.6	7.09	7.91	7.5	2.42
600	9/13/2007 17:01	16.24	51.106	33.6	7.16	7.92	7.2	2.33
601	9/13/2007 17:16	16.36	51.1	33.6	7.29	7.93	6.5	2.22
602	9/13/2007 17:31	16.32	50.967	33.5	7.53	7.94	6.2	2.11
603	9/13/2007 17:46	16.28	51.08	33.58	7.79	7.97	4.6	2.01
604	9/13/2007 18:01	16.4	51.086	33.59	7.65	7.95	5.2	1.91
605	9/13/2007 18:16	16.51	51.169	33.65	7.44	7.94	9.5	1.80
606	9/13/2007 18:31	16.55	51.106	33.6	7.57	7.95	4.7	1.69
607	9/13/2007 18:46	16.64	51.167	33.65	7.34	7.94	4.8	1.61
608	9/13/2007 19:01	16.68	51.157	33.64	7.24	7.93	5.1	1.52
609	9/13/2007 19:16	16.65	51.163	33.65	7.31	7.94	4.8	1.44
610	9/13/2007 19:31	16.72	51.209	33.68	7.31	7.93	4.4	1.40
611	9/13/2007 19:46	16.75	51.108	33.61	6.84	7.91	4.0	1.38
612	9/13/2007 20:01	16.57	51.051	33.56	7.63	7.96	6.3	1.37
613	9/13/2007 20:16	16.65	51.187	33.66	7.4	7.94	5.0	1.38
614	9/13/2007 20:31	16.63	51.122	33.62	7.4	7.94	4.8	1.42
615	9/13/2007 20:46	16.79	51.189	33.67	7.3	7.93	5.4	1.47
616	9/13/2007 21:01	17.14	51.218	33.69	7.48	7.95	4.9	1.54
617	9/13/2007 21:16	17.18	51.267	33.73	7.46	7.94	5.3	1.62
618	9/13/2007 21:31	17.38	51.293	33.75	7.15	7.9	7.9	1.71
619	9/13/2007 21:46	17.49	51.173	33.66	6.95	7.88	8.9	1.80
620	9/13/2007 22:01	17.1	51.232	33.7	7.05	7.89	6.9	1.87
621	9/13/2007 22:16	16.95	51.133	33.63	7.1	7.9	6.2	1.96
622	9/13/2007 22:31	16.91	51.202	33.68	7.11	7.9	6.6	2.04
623	9/13/2007 22:46	16.91	51.182	33.66	7.07	7.9	5.8	2.12

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
624	9/13/2007 23:01	16.79	51.224	33.69	6.99	7.9	5.8	2.20
625	9/13/2007 23:16	16.66	51.152	33.64	6.8	7.88	6.0	2.28
626	9/13/2007 23:31	16.56	51.116	33.61	6.73	7.88	6.0	2.36
627	9/13/2007 23:46	16.45	51.169	33.65	6.7	7.87	6.0	2.43
628	9/14/2007 00:01	16.24	51.145	33.63	6.74	7.88	5.9	2.51
629	9/14/2007 00:16	16.05	51.032	33.54	6.78	7.88	7.2	2.59
630	9/14/2007 00:31	15.99	51.034	33.54	6.74	7.88	7.0	2.66
631	9/14/2007 00:46	15.69	51.021	33.53	6.92	7.89	7.2	2.73
632	9/14/2007 01:01	15.54	50.927	33.45	6.96	7.89	5.6	2.80
633	9/14/2007 01:16	15.16	50.921	33.44	7.16	7.9	6.0	2.87
634	9/14/2007 01:31	14.83	50.767	33.32	7.34	7.92	5.1	2.93
635	9/14/2007 01:46	14.64	50.758	33.31	7.44	7.93	3.5	2.97
636	9/14/2007 02:01	14.65	50.717	33.28	7.45	7.92	3.1	3.01
637	9/14/2007 02:16	15.11	51.008	33.5	7.11	7.91	3.6	3.04
638	9/14/2007 02:31	15.29	50.916	33.44	6.87	7.89	3.5	3.04
639	9/14/2007 02:46	15.09	50.884	33.41	6.92	7.89	1.5	3.03
640	9/14/2007 03:01	14.87	50.936	33.44	7.22	7.91	2.9	2.99
641	9/14/2007 03:16	15.42	51	33.5	6.53	7.84	5.7	2.94
642	9/14/2007 03:31	15.55	51.114	33.59	6.06	7.82	6.4	2.87
643	9/14/2007 03:46	15.69	51.034	33.54	5.9	7.8	6.3	2.80
644	9/14/2007 04:01	15.95	51.136	33.62	5.79	7.79	7.1	2.71
645	9/14/2007 04:16	16.01	51.227	33.68	5.82	7.79	7.9	2.61
646	9/14/2007 04:31	16.01	51.136	33.62	5.95	7.81	6.2	2.53
647	9/14/2007 04:46	15.97	51.22	33.68	5.85	7.8	5.6	2.44
648	9/14/2007 05:01	16.12	51.119	33.61	5.75	7.79	6.2	2.35
649	9/14/2007 05:16	16.15	51.144	33.62	5.86	7.8	5.6	2.26
650	9/14/2007 05:31	16.21	51.236	33.69	5.75	7.79	5.5	2.17
651	9/14/2007 05:46	16.23	51.288	33.73	5.85	7.8	6.1	2.10
652	9/14/2007 06:01	16.06	51.13	33.61	5.97	7.81	6.7	2.01
653	9/14/2007 06:16	16.02	51.162	33.64	5.94	7.81	6.7	1.93
654	9/14/2007 06:31	16.02	51.221	33.68	5.96	7.81	6.4	1.85
655	9/14/2007 06:46	15.99	51.205	33.67	5.89	7.8	7.1	1.79
656	9/14/2007 07:01	15.96	51.227	33.68	5.87	7.8	7.3	1.73
657	9/14/2007 07:16	16.03	51.239	33.69	5.9	7.8	5.0	1.67
658	9/14/2007 07:31	16.08	51.21	33.67	5.88	7.81	5.4	1.64
659	9/14/2007 07:46	16.18	51.239	33.69	5.96	7.82	3.9	1.62
660	9/14/2007 08:01	16.25	51.161	33.64	6.01	7.83	3.2	1.63
661	9/14/2007 08:16	16.25	51.218	33.68	6.12	7.83	3.9	1.64
662	9/14/2007 08:31	16.25	51.186	33.66	6.13	7.83	3.9	1.66
663	9/14/2007 08:46	16.37	51.154	33.64	6.19	7.84	4.6	1.72
664	9/14/2007 09:01	16.39	51.276	33.73	6.25	7.84	4.3	1.78
665	9/14/2007 09:16	16.43	51.204	33.67	6.26	7.85	4.7	1.84
666	9/14/2007 09:31	16.46	51.279	33.73	6.29	7.85	5.1	1.93
667	9/14/2007 09:46	16.44	51.272	33.72	6.29	7.85	5.4	2.01
668	9/14/2007 10:01	16.3	51.211	33.68	6.2	7.83	6.2	2.09
669	9/14/2007 10:16	16.24	51.221	33.68	6.17	7.83	6.2	2.17
670	9/14/2007 10:31	16.23	51.229	33.69	6.19	7.83	5.2	2.24
671	9/14/2007 10:46	16.21	51.194	33.66	6.24	7.83	5.7	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
672	9/14/2007 11:01	16.23	51.187	33.66	6.29	7.84	5.7	2.40
673	9/14/2007 11:16	16.17	51.143	33.62	6.39	7.84	6.2	2.49
674	9/14/2007 11:31	15.94	51.051	33.55	6.54	7.86	6.7	2.57
675	9/14/2007 11:46	15.74	50.996	33.51	6.68	7.86	7.8	2.64
676	9/14/2007 12:01	15.48	50.942	33.46	6.82	7.87	7.1	2.73
677	9/14/2007 12:16	15.39	50.888	33.42	6.89	7.88	8.5	2.81
678	9/14/2007 12:31	15.13	50.862	33.4	7.06	7.89	8.6	2.90
679	9/14/2007 12:46	14.92	50.777	33.33	7.27	7.91	8.5	2.97
680	9/14/2007 13:01	14.63	50.681	33.25	7.57	7.93	7.0	3.05
681	9/14/2007 13:16	14.47	50.703	33.26	7.74	7.94	5.1	3.12
682	9/14/2007 13:31	14.4	50.611	33.19	7.86	7.95	4.1	3.18
683	9/14/2007 13:46	14.29	50.642	33.21	7.98	7.96	3.3	3.23
684	9/14/2007 14:01	14.33	50.564	33.16	8.03	7.97	2.4	3.27
685	9/14/2007 14:16	14.35	50.609	33.19	7.98	7.97	1.7	3.29
686	9/14/2007 14:31	14.86	50.684	33.26	7.57	7.94	1.4	3.30
687	9/14/2007 14:46	14.59	50.566	33.17	7.81	7.96	2.3	3.28
688	9/14/2007 15:01	14.3	50.611	33.19	7.98	7.97	2.5	3.24
689	9/14/2007 15:16	14.35	50.643	33.22	8	7.97	4.5	3.19
690	9/14/2007 15:31	14.53	50.668	33.24	8.02	7.97	3.7	3.11
691	9/14/2007 15:46	14.99	50.71	33.28	8.08	7.97	6.5	3.01
692	9/14/2007 16:01	15.31	50.758	33.33	8.12	7.98	7.6	2.91
693	9/14/2007 16:16	15.68	50.808	33.37	8.08	7.97	7.1	2.82
694	9/14/2007 16:31	15.81	50.813	33.38	7.91	7.96	7.5	2.71
695	9/14/2007 16:46	16.16	51.02	33.53	7.86	7.96	7.3	2.61
696	9/14/2007 17:01	16.56	50.994	33.52	7.87	7.96	7.8	2.50
697	9/14/2007 17:16	16.76	51.033	33.55	7.8	7.95	10.1	2.41
698	9/14/2007 17:31	16.76	51.038	33.56	7.66	7.94	8.1	2.29
699	9/14/2007 17:46	16.8	51.079	33.59	7.95	7.96	7.5	2.19
700	9/14/2007 18:01	16.82	51.017	33.54	8.24	7.99	5.6	2.10
701	9/14/2007 18:16	16.82	51.022	33.55	8.35	7.99	6.2	1.98
702	9/14/2007 18:31	16.81	51.028	33.55	8.26	7.98	6.4	1.88
703	9/14/2007 18:46	16.94	51.072	33.58	8.19	7.98	6.5	1.77
704	9/14/2007 19:01	16.99	51.073	33.59	8.1	7.97	5.9	1.68
705	9/14/2007 19:16	17.02	51.101	33.61	8.02	7.97	6.1	1.58
706	9/14/2007 19:31	17.17	51.122	33.62	7.94	7.96	6.5	1.49
707	9/14/2007 19:46	17.13	51.06	33.58	7.89	7.96	5.1	1.43
708	9/14/2007 20:01	17.14	51.159	33.65	7.72	7.95	4.9	1.38
709	9/14/2007 20:16	17.34	51.068	33.58	7.69	7.95	2.5	1.35
710	9/14/2007 20:31	17.09	51.114	33.62	8.06	7.98	4.8	1.34
711	9/14/2007 20:46	17.12	51.124	33.62	8.01	7.97	5.1	1.34
712	9/14/2007 21:01	17.49	51.247	33.72	8.34	7.99	4.8	1.38
713	9/14/2007 21:16	17.25	51.194	33.68	8.15	7.97	5.1	1.42
714	9/14/2007 21:31	17.45	51.198	33.68	8.46	7.99	5.5	1.48
715	9/14/2007 21:46	17.86	51.28	33.75	9.05	8.04	4.8	1.55
716	9/14/2007 22:01	17.88	51.272	33.74	8.57	7.99	5.6	1.63
717	9/14/2007 22:16	18.2	51.143	33.65	7.98	7.94	8.4	1.72
718	9/14/2007 22:31	18.11	51.093	33.61	7.84	7.93	7.9	1.78
719	9/14/2007 22:46	17.71	51.145	33.64	7.99	7.95	6.6	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
720	9/14/2007 23:01	17.57	51.128	33.63	7.95	7.95	6.4	1.94
721	9/14/2007 23:16	17.53	51.126	33.63	7.94	7.95	6.0	2.01
722	9/14/2007 23:31	17.48	51.146	33.64	7.93	7.95	5.6	2.09
723	9/14/2007 23:46	17.27	51.119	33.62	7.71	7.93	5.4	2.16
724	9/15/2007 00:01	17.22	51.156	33.65	7.61	7.92	5.7	2.24
725	9/15/2007 00:16	17.17	51.105	33.61	7.4	7.91	6.1	2.31
726	9/15/2007 00:31	17.06	51.152	33.64	7.35	7.91	6.3	2.38
727	9/15/2007 00:46	16.96	50.998	33.53	7.35	7.9	6.4	2.44
728	9/15/2007 01:01	16.74	51.025	33.55	7.36	7.91	6.5	2.52
729	9/15/2007 01:16	16.63	50.947	33.49	7.34	7.9	5.8	2.58
730	9/15/2007 01:31	16.51	50.967	33.5	7.34	7.9	6.8	2.64
731	9/15/2007 01:46	16.3	50.935	33.47	7.4	7.91	5.7	2.70
732	9/15/2007 02:01	16.11	50.832	33.39	7.45	7.92	5.0	2.75
733	9/15/2007 02:16	15.98	50.772	33.35	7.46	7.92	4.4	2.81
734	9/15/2007 02:31	15.85	50.752	33.33	7.51	7.92	4.0	2.84
735	9/15/2007 02:46	15.65	50.799	33.36	7.55	7.93	3.1	2.87
736	9/15/2007 03:01	15.67	50.754	33.33	7.44	7.92	2.1	2.90
737	9/15/2007 03:16	15.98	50.945	33.48	7.23	7.91	3.5	2.90
738	9/15/2007 03:31	16.06	50.828	33.39	7.19	7.91	2.1	2.88
739	9/15/2007 03:46	15.49	50.599	33.21	7.55	7.93	2.9	2.85
740	9/15/2007 04:01	16.13	50.963	33.49	7.08	7.89	4.2	2.80
741	9/15/2007 04:16	16.55	51.046	33.56	6.31	7.82	6.1	2.74
742	9/15/2007 04:31	16.56	51.114	33.61	6.2	7.8	8.2	2.65
743	9/15/2007 04:46	16.66	51.168	33.65	6.04	7.79	7.4	2.59
744	9/15/2007 05:01	16.69	51.13	33.62	6.16	7.8	7.3	2.50
745	9/15/2007 05:16	16.8	51.11	33.61	6.21	7.81	7.3	2.42
746	9/15/2007 05:31	16.88	51.159	33.65	6.16	7.81	5.9	2.35
747	9/15/2007 05:46	16.94	51.132	33.63	6.07	7.8	6.1	2.27
748	9/15/2007 06:01	16.96	51.14	33.63	6.25	7.82	6.8	2.20
749	9/15/2007 06:16	16.93	51.069	33.58	6.18	7.81	6.5	2.13
750	9/15/2007 06:31	16.96	51.161	33.65	6.16	7.81	5.7	2.06
751	9/15/2007 06:46	16.85	51.049	33.57	6.27	7.82	6.9	1.99
752	9/15/2007 07:01	16.84	51.035	33.56	6.42	7.84	5.4	1.93
753	9/15/2007 07:16	16.77	51.067	33.58	6.26	7.82	5.4	1.88
754	9/15/2007 07:31	16.82	51.119	33.62	6.28	7.83	3.9	1.83
755	9/15/2007 07:46	16.83	51.089	33.6	6.34	7.83	4.7	1.79
756	9/15/2007 08:01	16.94	51.149	33.64	6.46	7.84	4.2	1.77
757	9/15/2007 08:16	16.97	51.139	33.63	6.17	7.83	2.0	1.77
758	9/15/2007 08:31	16.95	51.121	33.62	6.51	7.85	4.3	1.76
759	9/15/2007 08:46	17.09	51.184	33.67	6.69	7.87	3.6	1.79
760	9/15/2007 09:01	17.02	51.107	33.61	6.67	7.86	4.3	1.82
761	9/15/2007 09:16	17.2	51.142	33.64	6.89	7.88	3.5	1.87
762	9/15/2007 09:31	17.21	51.236	33.71	6.96	7.89	4.2	1.92
763	9/15/2007 09:46	17.19	51.207	33.69	6.93	7.88	4.8	1.98
764	9/15/2007 10:01	17.18	51.147	33.64	6.89	7.88	5.4	2.06
765	9/15/2007 10:16	17.16	51.051	33.57	6.83	7.87	7.1	2.13
766	9/15/2007 10:31	17.08	51.135	33.63	6.71	7.86	6.4	2.19
767	9/15/2007 10:46	17.01	51.112	33.61	6.61	7.85	5.5	2.27

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
768	9/15/2007 11:01	16.98	51.134	33.63	6.61	7.85	5.0	2.33
769	9/15/2007 11:16	16.93	51.083	33.59	6.7	7.85	5.0	2.40
770	9/15/2007 11:31	16.77	51.052	33.57	6.85	7.87	5.7	2.48
771	9/15/2007 11:46	16.63	51.001	33.53	7	7.88	6.2	2.55
772	9/15/2007 12:01	16.4	51.003	33.53	7.15	7.89	5.4	2.62
773	9/15/2007 12:16	16.26	50.838	33.4	7.26	7.9	6.1	2.70
774	9/15/2007 12:31	16.06	50.888	33.44	7.35	7.91	6.4	2.78
775	9/15/2007 12:46	15.87	50.796	33.36	7.45	7.92	6.7	2.85
776	9/15/2007 13:01	15.75	50.772	33.34	7.54	7.93	6.5	2.93
777	9/15/2007 13:16	15.51	50.709	33.29	7.69	7.94	6.3	3.01
778	9/15/2007 13:31	15.3	50.622	33.22	7.89	7.95	5.3	3.08
779	9/15/2007 13:46	15.15	50.563	33.18	7.99	7.96	4.3	3.14
780	9/15/2007 14:01	14.96	50.555	33.17	8.15	7.98	2.9	3.20
781	9/15/2007 14:16	14.81	50.469	33.1	8.23	7.99	2.6	3.24
782	9/15/2007 14:31	14.72	50.459	33.09	8.29	7.99	1.9	3.28
783	9/15/2007 14:46	14.8	50.499	33.12	8.09	7.98	1.3	3.29
784	9/15/2007 15:01	14.95	50.503	33.13	8.16	7.98	2.6	3.29
785	9/15/2007 15:16	14.7	50.462	33.09	8.29	7.99	1.9	3.26
786	9/15/2007 15:31	14.71	50.496	33.12	8.22	7.99	1.9	3.22
787	9/15/2007 15:46	14.92	50.498	33.12	8.15	7.99	2.7	3.15
788	9/15/2007 16:01	15.26	50.568	33.18	8.25	7.99	5.4	3.08
789	9/15/2007 16:16	15.72	50.721	33.31	8.27	7.99	4.8	2.99
790	9/15/2007 16:31	15.98	50.638	33.25	8.29	7.99	6.2	2.89
791	9/15/2007 16:46	16.26	50.673	33.28	8.29	7.98	6.2	2.80
792	9/15/2007 17:01	16.46	50.789	33.37	8.23	7.98	6.0	2.70
793	9/15/2007 17:16	16.86	50.89	33.45	8.2	7.98	8.2	2.60
794	9/15/2007 17:31	17.28	50.955	33.5	8.25	7.98	7.7	2.50
795	9/15/2007 17:46	17.49	50.968	33.51	8.26	7.98	8.2	2.41
796	9/15/2007 18:01	17.36	50.951	33.5	8.24	7.98	6.8	2.32
797	9/15/2007 18:16	17.28	50.984	33.52	8.32	7.98	5.8	2.21
798	9/15/2007 18:31	17.26	50.938	33.49	8.53	8	4.6	2.11
799	9/15/2007 18:46	17.4	50.932	33.49	8.45	7.99	5.0	2.01
800	9/15/2007 19:01	17.44	50.972	33.52	8.7	8.01	5.7	1.91
801	9/15/2007 19:16	17.29	50.927	33.48	8.56	8	5.9	1.80
802	9/15/2007 19:31	17.36	50.94	33.49	8.44	7.99	5.2	1.70
803	9/15/2007 19:46	17.35	51.038	33.56	8.36	7.99	4.5	1.61
804	9/15/2007 20:01	17.42	51.081	33.6	8.31	7.99	8.1	1.53
805	9/15/2007 20:16	17.54	51.014	33.55	8.18	7.98	8.0	1.45
806	9/15/2007 20:31	17.68	51.059	33.58	8.26	7.98	9.6	1.39
807	9/15/2007 20:46	17.8	51.006	33.54	8.31	7.99	7.9	1.36
808	9/15/2007 21:01	17.87	51.117	33.63	8.13	7.97	6.8	1.34
809	9/15/2007 21:16	18.14	51.029	33.56	8.5	8	5.3	1.32
810	9/15/2007 21:31	18.07	51.001	33.54	8.73	8.02	7.3	1.36
811	9/15/2007 21:46	18.26	51.204	33.69	8.96	8.03	8.0	1.39
812	9/15/2007 22:01	18.18	51.13	33.64	8.9	8.02	10.1	1.42
813	9/15/2007 22:16	18.43	51.265	33.74	9.36	8.06		1.48
814	9/15/2007 22:31	18.36	51.072	33.6	9.33	8.05	9.7	1.55
815	9/15/2007 22:46	18.54	51.015	33.55	8.61	7.99	13.9	1.62

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
816	9/15/2007 23:01	18.76	51.096	33.61	8.09	7.95	14.2	1.69
817	9/15/2007 23:16	18.71	51.074	33.6	8.02	7.95	12.5	1.76
818	9/15/2007 23:31	18.41	51.114	33.63	8.27	7.97	11.7	1.83
819	9/15/2007 23:46	18.17	51.128	33.64	8.32	7.97	12.8	1.91
820	9/16/2007 00:01	18.1	51.075	33.6	8.3	7.97	10.1	1.97
821	9/16/2007 00:16	18.09	51.135	33.64	8.31	7.97	6.9	2.04
822	9/16/2007 00:31	17.86	51.09	33.61	8.19	7.96	7.6	2.11
823	9/16/2007 00:46	17.78	51.106	33.62	8.04	7.95	7.0	2.17
824	9/16/2007 01:01	17.73	50.935	33.49	7.94	7.94	8.9	2.25
825	9/16/2007 01:16	17.65	50.956	33.51	7.86	7.94	6.9	2.31
826	9/16/2007 01:31	17.58	50.953	33.5	7.82	7.94	5.1	2.38
827	9/16/2007 01:46	17.39	50.908	33.47	7.81	7.93	4.8	2.43
828	9/16/2007 02:01	17.24	50.9	33.46	7.79	7.93	4.6	2.49
829	9/16/2007 02:16	17.13	50.936	33.49	7.8	7.94	4.2	2.55
830	9/16/2007 02:31	17.08	50.877	33.44	7.77	7.94	4.3	2.59
831	9/16/2007 02:46	17.02	50.893	33.45	7.76	7.94	4.2	2.65
832	9/16/2007 03:01	16.85	50.751	33.35	7.77	7.94	4.0	2.68
833	9/16/2007 03:16	16.62	50.842	33.41	7.76	7.94	3.2	2.71
834	9/16/2007 03:31	16.5	50.722	33.32	7.81	7.95	3.0	2.75
835	9/16/2007 03:46	16.98	50.923	33.47	7.39	7.92	3.5	2.75
836	9/16/2007 04:01	16.64	50.806	33.38	7.64	7.94	11.2	2.76
837	9/16/2007 04:16	16.62	50.797	33.38	7.6	7.93	3.4	2.74
838	9/16/2007 04:31	16.49	50.769	33.35	7.7	7.94	2.9	2.72
839	9/16/2007 04:46	16.94	50.873	33.44	7.39	7.92	2.7	2.68
840	9/16/2007 05:01	17.04	50.915	33.47	7.32	7.91	4.6	2.61
841	9/16/2007 05:16	17.32	51.025	33.55	6.99	7.88	6.0	2.56
842	9/16/2007 05:31	17.41	51.097	33.61	6.64	7.85	6.9	2.50
843	9/16/2007 05:46	17.35	51.086	33.6	6.52	7.83	7.6	2.43
844	9/16/2007 06:01	17.24	51.066	33.58	6.29	7.8	8.1	2.36
845	9/16/2007 06:16	17.36	51.17	33.66	6.37	7.82	6.5	2.30
846	9/16/2007 06:31	17.29	51.052	33.57	6.24	7.8	7.1	2.25
847	9/16/2007 06:46	17.4	51.061	33.58	6.31	7.81	6.4	2.18
848	9/16/2007 07:01	17.35	51.069	33.59	6.32	7.81	6.2	2.13
849	9/16/2007 07:16	17.46	51.122	33.63	6.48	7.83	5.4	2.09
850	9/16/2007 07:31	17.54	50.957	33.51	6.79	7.86	5.1	2.04
851	9/16/2007 07:46	17.48	51.117	33.62	6.69	7.85	4.9	1.99
852	9/16/2007 08:01	17.56	51.123	33.63	6.87	7.87	4.5	1.96
853	9/16/2007 08:16	17.58	51.155	33.65	6.81	7.87	4.1	1.94
854	9/16/2007 08:31	17.68	51.113	33.62	6.89	7.88	2.1	1.93
855	9/16/2007 08:46	17.75	51.167	33.66	6.66	7.87	1.1	1.91
856	9/16/2007 09:01	17.76	51.128	33.63	7.04	7.9	3.2	1.93
857	9/16/2007 09:16	17.82	51.124	33.63	7.26	7.91	3.5	1.95
858	9/16/2007 09:31	17.78	51.198	33.68	7.21	7.9	3.6	1.97
859	9/16/2007 09:46	17.81	51.12	33.63	7.3	7.91	3.7	2.01
860	9/16/2007 10:01	17.85	51.033	33.56	7.4	7.92	4.4	2.07
861	9/16/2007 10:16	17.82	51.196	33.68	7.34	7.91	4.3	2.12
862	9/16/2007 10:31	17.81	51.122	33.63	7.28	7.9	4.8	2.18
863	9/16/2007 10:46	17.79	51.199	33.69	7.31	7.9	5.7	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
864	9/16/2007 11:01	17.73	51.185	33.67	7.23	7.9	5.4	2.30
865	9/16/2007 11:16	17.6	50.982	33.52	7.14	7.89	5.1	2.36
866	9/16/2007 11:31	17.46	51.083	33.6	7.16	7.89	4.8	2.42
867	9/16/2007 11:46	17.34	51.007	33.54	7.26	7.9	4.5	2.49
868	9/16/2007 12:01	17.1	50.925	33.48	7.45	7.91	4.3	2.55
869	9/16/2007 12:16	16.93	50.995	33.53	7.61	7.93	5.1	2.62
870	9/16/2007 12:31	16.79	50.923	33.47	7.7	7.93	4.3	2.69
871	9/16/2007 12:46	16.59	50.663	33.28	7.81	7.94	4.4	2.76
872	9/16/2007 13:01	16.41	50.632	33.25	7.85	7.95	4.2	2.82
873	9/16/2007 13:16	16.2	50.646	33.26	7.95	7.95	4.5	2.90
874	9/16/2007 13:31	16	50.642	33.25	8.06	7.96	3.9	2.96
875	9/16/2007 13:46	15.85	50.547	33.18	8.13	7.97	3.5	3.02
876	9/16/2007 14:01	15.6	50.631	33.24	8.28	7.98	3.5	3.08
877	9/16/2007 14:16	15.42	50.543	33.17	8.38	7.99	2.5	3.13
878	9/16/2007 14:31	15.3	50.568	33.19	8.43	8	2.4	3.17
879	9/16/2007 14:46	15.26	50.514	33.14	8.42	8	1.7	3.20
880	9/16/2007 15:01	15.25	50.506	33.14	8.4	8	1.2	3.23
881	9/16/2007 15:16	15.38	50.625	33.23	8.28	7.99	1.2	3.24
882	9/16/2007 15:31	15.22	50.555	33.17	8.35	8	1.8	3.22
883	9/16/2007 15:46	15.18	50.54	33.16	8.36	8	1.6	3.20
884	9/16/2007 16:01	15.24	50.493	33.13	8.38	8	2.2	3.16
885	9/16/2007 16:16	15.37	50.499	33.14	8.39	8	3.2	3.11
886	9/16/2007 16:31	15.71	50.624	33.23	8.45	8.01	3.3	3.03
887	9/16/2007 16:46	16.29	50.571	33.21	8.52	8.01	4.3	2.95
888	9/16/2007 17:01	16.59	50.767	33.35	8.55	8.02	4.0	2.87
889	9/16/2007 17:16	16.66	50.708	33.31	8.48	8.01	5.2	2.78
890	9/16/2007 17:31	16.98	50.784	33.37	8.59	8.02	5.3	2.69
891	9/16/2007 17:46	17.26	50.829	33.41	8.71	8.03	5.5	2.61
892	9/16/2007 18:01	17.58	50.938	33.49	8.79	8.03	6.1	2.51
893	9/16/2007 18:16	17.77	50.922	33.48	8.67	8.02	7.0	2.42
894	9/16/2007 18:31	17.73	50.926	33.48	8.42	8	6.8	2.33
895	9/16/2007 18:46	17.49	50.865	33.44	8.58	8.01	5.6	2.23
896	9/16/2007 19:01	17.42	50.865	33.44	8.71	8.02	5.3	2.13
897	9/16/2007 19:16	17.49	50.901	33.46	8.58	8.01	4.9	2.04
898	9/16/2007 19:31	17.4	50.903	33.46	8.64	8.01	6.2	1.93
899	9/16/2007 19:46	17.44	50.943	33.49	8.47	8	5.8	1.84
900	9/16/2007 20:01	17.41	50.852	33.43	8.32	8	5.6	1.75
901	9/16/2007 20:16	17.22	50.852	33.43	8.33	8.01	7.9	1.66
902	9/16/2007 20:31	17.6	51.024	33.55	8.12	7.99	20.2	1.57
903	9/16/2007 20:46	17.67	51.045	33.57	8.05	7.98	41.8	1.49
904	9/16/2007 21:01	17.84	51.046	33.57	8.08	7.99	34.9	1.45
905	9/16/2007 21:16	17.88	51.07	33.59	8.01	7.98	39.3	1.40
906	9/16/2007 21:31	18.15	51.148	33.65	8.16	8	41.3	1.36
907	9/16/2007 21:46	18.24	51.138	33.64	7.84	7.98	34.1	1.36
908	9/16/2007 22:01	17.86	50.964	33.51	8.09	8	43.8	1.37
909	9/16/2007 22:16	18.38	51.225	33.71	8.57	8.03	34.0	1.39
910	9/16/2007 22:31	18.53	51.248	33.73	8.78	8.05	27.2	1.41
911	9/16/2007 22:46	18.48	51.155	33.66	8.73	8.04	9.9	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
912	9/16/2007 23:01	18.57	51.069	33.59	9	8.06	12.6	1.52
913	9/16/2007 23:16	18.53	51.247	33.73	8.96	8.05	6.1	1.56
914	9/16/2007 23:31	18.48	51.341	33.79	8.82	8.04	4.2	1.62
915	9/16/2007 23:46	18.77	50.95	33.51	8.09	7.97	6.8	1.68
916	9/17/2007 00:01	18.8	51.087	33.61	7.94	7.96	7.1	1.75
917	9/17/2007 00:16	18.72	51.111	33.63	8.13	7.97	6.0	1.81
918	9/17/2007 00:31	18.46	51.124	33.63	8.27	7.98	27.1	1.86
919	9/17/2007 00:46	18.37	51.062	33.59	8.23	7.98	5.4	1.93
920	9/17/2007 01:01	18.27	51.047	33.58	8.25	7.98	4.5	1.99
921	9/17/2007 01:16	18.26	51.047	33.58	8.29	7.99	5.3	2.05
922	9/17/2007 01:31	18.19	51.045	33.58	8.32	7.99	5.1	2.11
923	9/17/2007 01:46	18.1	51.025	33.56	8.28	7.99	4.5	2.17
924	9/17/2007 02:01	18.03	51.031	33.56	8.16	7.97	5.4	2.23
925	9/17/2007 02:16	17.96	51.061	33.59	8.09	7.97	4.4	2.28
926	9/17/2007 02:31	17.91	50.899	33.47	8.05	7.97	4.5	2.33
927	9/17/2007 02:46	17.81	50.963	33.51	8.05	7.96	4.3	2.39
928	9/17/2007 03:01	17.62	50.853	33.43	8.05	7.96	4.5	2.44
929	9/17/2007 03:16	17.53	50.913	33.47	8.02	7.96	4.3	2.49
930	9/17/2007 03:31	17.41	50.866	33.44	8.02	7.97	6.5	2.52
931	9/17/2007 03:46	17.32	50.896	33.46	8	7.97	16.5	2.55
932	9/17/2007 04:01	17.23	50.886	33.45	7.99	7.97	10.7	2.59
933	9/17/2007 04:16	17.22	50.831	33.41	7.96	7.97	16.4	2.62
934	9/17/2007 04:31	17.18	50.841	33.42	7.64	7.94	1.2	2.62
935	9/17/2007 04:46	17.44	50.933	33.49	7.21	7.92	11.7	2.63
936	9/17/2007 05:01	17.56	50.985	33.53	7.61	7.95	22.3	2.62
937	9/17/2007 05:16	17.33	50.835	33.41	7.82	7.95	26.9	2.61
938	9/17/2007 05:31	17.44	50.937	33.49	7.61	7.94	74.6	2.58
939	9/17/2007 05:46	17.43	50.891	33.46	7.51	7.94	13.7	2.53
940	9/17/2007 06:01	17.39	50.912	33.47	7.5	7.93	21.2	2.49
941	9/17/2007 06:16	17.34	51.142	33.64	7.15	7.88	42.6	2.44
942	9/17/2007 06:31	17.43	51.166	33.66	7.15	7.9	4.7	2.39
943	9/17/2007 06:46	17.41	51.202	33.68	7.08	7.9	4.6	2.34
944	9/17/2007 07:01	17.43	51.172	33.66	7.18	7.9	5.0	2.30
945	9/17/2007 07:16	17.5	51.032	33.56	7.28	7.92	4.0	2.25
946	9/17/2007 07:31	17.52	51.108	33.62	7.27	7.91	4.9	2.21
947	9/17/2007 07:46	17.55	51.079	33.6	7.21	7.91	4.4	2.18
948	9/17/2007 08:01	17.5	51.105	33.61	7.05	7.9	5.0	2.13
949	9/17/2007 08:16	17.56	51.157	33.65	7.11	7.91	3.9	2.11
950	9/17/2007 08:31	17.65	51.165	33.66	7.18	7.92	3.6	2.09
951	9/17/2007 08:46	17.74	51.135	33.64	7.2	7.92	2.9	2.07
952	9/17/2007 09:01	17.79	51.158	33.66	7.02	7.91	1.0	2.06
953	9/17/2007 09:16	17.83	51.166	33.66	6.57	7.89	1.9	2.06
954	9/17/2007 09:31	17.8	51.096	33.61	7.48	7.94	3.1	2.08
955	9/17/2007 09:46	17.81	51.136	33.64	7.57	7.95	3.1	2.09
956	9/17/2007 10:01	17.75	51.118	33.63	7.5	7.94	3.3	2.11
957	9/17/2007 10:16	17.72	51.073	33.59	7.54	7.94	3.6	2.15
958	9/17/2007 10:31	17.71	51.091	33.61	7.56	7.94	4.2	2.18
959	9/17/2007 10:46	17.68	51.087	33.6	7.53	7.93	4.6	2.22

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
960	9/17/2007 11:01	17.65	51.015	33.55	7.55	7.93	4.0	2.27
961	9/17/2007 11:16	17.62	50.93	33.49	7.56	7.93	4.6	2.33
962	9/17/2007 11:31	17.63	51.019	33.55	7.6	7.94	4.5	2.37
963	9/17/2007 11:46	17.59	51.023	33.55	7.55	7.93	4.2	2.43
964	9/17/2007 12:01	17.5	50.937	33.49	7.59	7.94	4.1	2.49
965	9/17/2007 12:16	17.38	50.953	33.5	7.68	7.94	4.3	2.54
966	9/17/2007 12:31	17.12	50.869	33.44	7.83	7.95	4.2	2.60
967	9/17/2007 12:46	16.9	50.765	33.36	7.95	7.96	3.4	2.66
968	9/17/2007 13:01	16.74	50.722	33.32	8.04	7.97	3.1	2.72
969	9/17/2007 13:16	16.63	50.747	33.34	8.11	7.97	3.1	2.78
970	9/17/2007 13:31	16.55	50.691	33.3	8.14	7.98	2.6	2.83
971	9/17/2007 13:46	16.46	50.708	33.31	8.19	7.98	2.8	2.89
972	9/17/2007 14:01	16.27	50.618	33.24	8.23	7.99	2.4	2.95
973	9/17/2007 14:16	16.12	50.582	33.21	8.33	7.99	2.5	2.99
974	9/17/2007 14:31	16.03	50.613	33.23	8.4	8	2.0	3.05
975	9/17/2007 14:46	15.94	50.597	33.22	8.43	8	2.0	3.08
976	9/17/2007 15:01	15.87	50.506	33.15	8.41	8.01	1.2	3.12
977	9/17/2007 15:16	15.82	50.527	33.17	8.38	8.01	1.1	3.14
978	9/17/2007 15:31	15.75	50.47	33.12	8.31	8	0.6	3.16
979	9/17/2007 15:46	15.75	50.51	33.15	8.32	8	1.7	3.16
980	9/17/2007 16:01	15.75	50.49	33.14	8.13	7.99	1.4	3.14
981	9/17/2007 16:16	15.78	50.529	33.17	8.3	8	1.3	3.12
982	9/17/2007 16:31	15.93	50.525	33.17	8.47	8.01	2.0	3.09
983	9/17/2007 16:46	16.21	50.572	33.21	8.42	8.01	3.1	3.05
984	9/17/2007 17:01	16.57	50.639	33.26	8.43	8.02	5.6	2.97
985	9/17/2007 17:16	16.83	50.69	33.3	8.31	8.01	7.2	2.92
986	9/17/2007 17:31	16.82	50.682	33.3	8.22	8.01	7.6	2.85
987	9/17/2007 17:46	16.75	50.71	33.32	8.19	8	8.9	2.77
988	9/17/2007 18:01	16.77	50.599	33.23	8.25	8	10.1	2.69
989	9/17/2007 18:16	16.85	50.647	33.27	8.25	8	8.6	2.62
990	9/17/2007 18:31	16.84	50.611	33.24	8.28	8.01	7.7	2.54
991	9/17/2007 18:46	16.98	50.689	33.3	8.25	8.01	8.7	2.44
992	9/17/2007 19:01	16.91	50.683	33.3	8.19	8	8.3	2.38
993	9/17/2007 19:16	16.97	50.813	33.39	8.11	8	8.4	2.29
994	9/17/2007 19:31	16.77	50.661	33.28	8.02	7.99	7.6	2.20
995	9/17/2007 19:46	16.85	50.763	33.36	7.86	7.98	8.8	2.10
996	9/17/2007 20:01	17.1	50.749	33.35	7.83	7.97	8.8	2.02
997	9/17/2007 20:16	17.09	50.919	33.47	7.76	7.97	8.5	1.95
998	9/17/2007 20:31	17.01	50.808	33.39	7.7	7.97	8.2	1.83
999	9/17/2007 20:46	17.36	50.972	33.51	7.63	7.97	8.6	1.74
1000	9/17/2007 21:01	17.38	51.024	33.55	7.57	7.96	7.2	1.67
1001	9/17/2007 21:16	17.52	51.167	33.66	7.55	7.97	7.9	1.59
1002	9/17/2007 21:31	17.68	51.079	33.6	7.51	7.97	7.4	1.51
1003	9/17/2007 21:46	17.74	51.236	33.71	7.55	7.98	7.1	1.46
1004	9/17/2007 22:01	17.96	51.278	33.74	7.54	7.98	7.2	1.43
1005	9/17/2007 22:16	18.11	51.314	33.77	7.57	7.99	6.5	1.39
1006	9/17/2007 22:31	18.2	51.337	33.79	7.51	7.99	5.1	1.36
1007	9/17/2007 22:46	18.2	51.347	33.8	6.76	7.94	2.4	1.37

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
1008	9/17/2007 23:01	18.23	51.358	33.81	7.7	8.01	5.8	1.38
1009	9/17/2007 23:16	18.26	51.275	33.74	7.86	8.02	15.1	1.40
1010	9/17/2007 23:31	18.21	51.294	33.76	7.79	8.01	6.4	1.42
1011	9/17/2007 23:46	18.2	51.307	33.77	7.82	8.01	6.1	1.47
1012	9/18/2007 00:01	18.19	51.265	33.74	7.84	8.01	6.5	1.52
1013	9/18/2007 00:16	18.17	51.272	33.74	7.84	8.01	6.7	1.57
1014	9/18/2007 00:31	18.14	51.331	33.79	7.84	8.01	7.0	1.62
1015	9/18/2007 00:46	18.35	51.288	33.75	7.55	7.97	8.1	1.67
1016	9/18/2007 01:01	18.36	51.257	33.73	7.5	7.96	7.8	1.73
1017	9/18/2007 01:16	18.34	51.28	33.75	7.49	7.96	7.6	1.78
1018	9/18/2007 01:31	18.3	51.269	33.74	7.47	7.96	7.5	1.82
1019	9/18/2007 01:46	18.16	51.247	33.72	7.57	7.97	7.5	1.88
1020	9/18/2007 02:01	18.11	51.223	33.71	7.57	7.97	6.8	1.93
1021	9/18/2007 02:16	18.1	51.208	33.69	7.54	7.97	7.0	1.99
1022	9/18/2007 02:31	18.05	51.229	33.71	7.53	7.97	7.2	2.04
1023	9/18/2007 02:46	18.02	51.23	33.71	7.57	7.97	6.7	2.09
1024	9/18/2007 03:01	17.99	51.207	33.69	7.61	7.97	6.4	2.14
1025	9/18/2007 03:16	17.95	51.216	33.7	7.68	7.98	6.4	2.19
1026	9/18/2007 03:31	17.94	51.199	33.69	7.77	7.98	6.2	2.24
1027	9/18/2007 03:46	17.91	51.2	33.69	7.78	7.98	5.3	2.29
1028	9/18/2007 04:01	17.86	51.146	33.65	7.75	7.98	5.4	2.33
1029	9/18/2007 04:16	17.81	51.017	33.55	7.8	7.98	4.6	2.37
1030	9/18/2007 04:31	17.67	50.993	33.53	7.86	7.99	4.8	2.40
1031	9/18/2007 04:46	17.51	51.072	33.59	7.9	7.99		2.42
1032	9/18/2007 05:01	17.45	51.06	33.58	7.9	7.99	3.4	2.44
1033	9/18/2007 05:16	17.41	50.837	33.42	7.87	7.99	3.6	2.46
1034	9/18/2007 05:31	17.35	50.84	33.42	7.78	7.98	1.7	2.47
1035	9/18/2007 05:46	17.32	50.905	33.46	7.52	7.96	1.6	2.47
1036	9/18/2007 06:01	17.32	50.962	33.51	7.03	7.94	1.5	2.48
1037	9/18/2007 06:16	17.32	50.924	33.48	7.38	7.96	7.2	2.47
1038	9/18/2007 06:31	17.39	50.968	33.51	7.64	7.97	4.7	2.45
1039	9/18/2007 06:46	17.34	50.998	33.53	7.54	7.96	14.1	2.43
1040	9/18/2007 07:01	17.4	50.919	33.48	7.5	7.96	20.7	2.40
1041	9/18/2007 07:16	17.42	51.036	33.56	7.35	7.95	16.5	2.36
1042	9/18/2007 07:31	17.44	51.082	33.6	7.33	7.95	17.3	2.34
1043	9/18/2007 07:46	17.34	51.02	33.55	7.23	7.94	18.4	2.30
1044	9/18/2007 08:01	17.51	51.032	33.56	7.41	7.95	17.7	2.27
1045	9/18/2007 08:16	17.51	51.078	33.59	7.28	7.95	19.2	2.24
1046	9/18/2007 08:31	17.55	51.031	33.56	7.29	7.95	18.3	2.20
1047	9/18/2007 08:46	17.6	51.142	33.64	7.28	7.95	17.2	2.19
1048	9/18/2007 09:01	17.63	51.053	33.58	7.25	7.95	19.3	2.17
1049	9/18/2007 09:16	17.63	51.185	33.67	7.14	7.94	7.3	2.16
1050	9/18/2007 09:31	17.68	51.178	33.67	6.88	7.93	11.1	2.13
1051	9/18/2007 09:46	17.7	51.076	33.59	6.69	7.91	11.8	2.14
1052	9/18/2007 10:01	17.65	51.085	33.6	7.35	7.96	17.3	2.16
1053	9/18/2007 10:16	17.5	51.092	33.6	7.08	7.93	18.1	2.15
1054	9/18/2007 10:31	17.55	51.065	33.59	7.24	7.94	20.0	2.16
1055	9/18/2007 10:46	17.53	51.112	33.62	7.3	7.95	26.7	2.19

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	9/18/2007 11:01	17.54	51.05	33.57	7.4	7.95	27.3	2.22
1057	9/18/2007 11:16	17.75	51.009	33.55	7.48	7.96	26.9	2.25
1058	9/18/2007 11:31	17.85	51.077	33.6	7.55	7.96	18.2	2.28
1059	9/18/2007 11:46	17.81	51.028	33.56	7.65	7.97	24.5	2.33
1060	9/18/2007 12:01	17.62	50.93	33.49	7.64	7.97	15.5	2.37
1061	9/18/2007 12:16	17.56	50.986	33.53	7.61	7.97	22.9	2.40
1062	9/18/2007 12:31	17.49	51.007	33.54	7.68	7.97	23.8	2.45
1063	9/18/2007 12:46	17.43	50.957	33.5	7.76	7.98	22.4	2.50
1064	9/18/2007 13:01	17.37	50.99	33.53	7.81	7.98	23.1	2.54
1065	9/18/2007 13:16	17.26	50.904	33.46	7.84	7.98	23.6	2.59
1066	9/18/2007 13:31	17.03	50.829	33.41	7.93	7.99	23.9	2.64
1067	9/18/2007 13:46	16.82	50.8	33.38	8.08	7.99	26.9	2.68
1068	9/18/2007 14:01	16.68	50.774	33.36	8.15	8	26.0	2.72
1069	9/18/2007 14:16	16.58	50.696	33.3	8.2	8	21.1	2.77
1070	9/18/2007 14:31	16.5	50.734	33.33	8.26	8.01	17.6	2.82
1071	9/18/2007 14:46	16.49	50.674	33.29	8.26	8.01	21.0	2.86
1072	9/18/2007 15:01	16.47	50.685	33.29	8.31	8.01	20.1	2.91
1073	9/18/2007 15:16	16.39	50.679	33.29	8.3	8.01	20.6	2.95
1074	9/18/2007 15:31	16.35	50.722	33.32	8.31	8.01	18.8	2.98
1075	9/18/2007 15:46	16.34	50.693	33.3	8.23	8.02	15.3	3.00
1076	9/18/2007 16:01	16.28	50.62	33.24	8.06	8	12.6	3.02
1077	9/18/2007 16:16	16.29	50.349	33.04	7.84	7.99	10.5	3.03
1078	9/18/2007 16:31	16.3	50.399	33.08	7.98	8	11.5	3.03
1079	9/18/2007 16:46	16.33	50.627	33.25	7.93	7.99	15.5	3.01
1080	9/18/2007 17:01	16.39	50.713	33.31	8.05	8	16.9	2.99
1081	9/18/2007 17:16	16.51	50.661	33.28	8.3	8.02	17.1	2.96
1082	9/18/2007 17:31	16.72	50.666	33.28	8.25	8.02	17.7	2.91
1083	9/18/2007 17:46	17	50.742	33.34	8.25	8.03	20.0	2.87
1084	9/18/2007 18:01	17.11	50.813	33.4	8.25	8.03	21.9	2.80
1085	9/18/2007 18:16	17.15	50.761	33.36	8.17	8.02	18.6	2.76
1086	9/18/2007 18:31	17.21	50.776	33.37	8.13	8.02	21.9	2.69
1087	9/18/2007 18:46	17.1	50.797	33.38	8.1	8.02	15.5	2.62
1088	9/18/2007 19:01	17.14	50.823	33.4	8.08	8.01	21.9	2.54
1089	9/18/2007 19:16	17.27	50.966	33.51	8	8.01	22.8	2.48
1090	9/18/2007 19:31	17.2	50.843	33.42	8.01	8.01	25.7	2.41
1091	9/18/2007 19:46	17.34	50.916	33.47	7.9	8.01	13.8	2.33
1092	9/18/2007 20:01	17.23	50.882	33.45	7.83	8	12.2	2.25
1093	9/18/2007 20:16	17.12	50.919	33.47	7.65	7.99	9.5	2.18
1094	9/18/2007 20:31	17.04	50.831	33.41	7.7	7.99	11.7	2.10
1095	9/18/2007 20:46	17.05	50.925	33.48	7.57	7.98	7.8	2.02
1096	9/18/2007 21:01	17.35	50.999	33.53	7.59	7.99	11.0	1.93
1097	9/18/2007 21:16	17.15	50.899	33.46	7.48	7.98	9.2	1.85
1098	9/18/2007 21:31	17.23	51.027	33.55	7.42	7.98	11.6	1.77
1099	9/18/2007 21:46	17.13	51.027	33.55	7.34	7.98	26.4	1.69
1100	9/18/2007 22:01	17.22	51.132	33.63	7.23	7.97	6.3	1.62
1101	9/18/2007 22:16	17.37	51.093	33.6	7.2	7.98	7.8	1.55
1102	9/18/2007 22:31	17.39	51.143	33.64	7.16	7.97	6.4	1.50
1103	9/18/2007 22:46	17.57	51.25	33.72	7.2	7.99	7.2	1.44

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1104	9/18/2007 23:01	17.63	51.219	33.7	7.18	7.98	5.2	1.42
1105	9/18/2007 23:16	17.67	51.246	33.72	6.84	7.96	3.6	1.39
1106	9/18/2007 23:31	17.69	51.248	33.72	6.2	7.92	1.3	1.37
1107	9/18/2007 23:46	17.6	50.929	33.49	7.11	7.99	6.5	1.38
1108	9/19/2007 00:01	17.6	51.318	33.77	7.26	7.99	5.4	1.37
1109	9/19/2007 00:16	17.63	51.265	33.73	7.27	7.99	6.2	1.39
1110	9/19/2007 00:31	17.61	51.2	33.69	7.28	7.99	5.6	1.41
1111	9/19/2007 00:46	17.62	51.292	33.75	7.33	7.99	11.5	1.45
1112	9/19/2007 01:01	17.64	51.269	33.74	7.43	8.01	20.1	1.49
1113	9/19/2007 01:16	17.68	51.217	33.7	7.4	8.01	6.4	1.52
1114	9/19/2007 01:31	17.69	51.239	33.71	7.42	8.01	6.4	1.56
1115	9/19/2007 01:46	17.71	51.276	33.74	7.4	8.01	6.5	1.61
1116	9/19/2007 02:01	17.64	51.272	33.74	7.33	8	6.4	1.64
1117	9/19/2007 02:16	17.67	51.188	33.68	7.42	8	6.4	1.70
1118	9/19/2007 02:31	17.69	51.185	33.67	7.33	7.98	7.3	1.75
1119	9/19/2007 02:46	17.62	51.23	33.71	7.45	7.99	5.8	1.79
1120	9/19/2007 03:01	17.57	51.143	33.64	7.4	7.99	5.9	1.84
1121	9/19/2007 03:16	17.56	51.158	33.65	7.41	7.99	6.2	1.89
1122	9/19/2007 03:31	17.53	51.149	33.65	7.45	7.99	5.7	1.95
1123	9/19/2007 03:46	17.6	51.135	33.64	7.45	7.99	11.7	1.99
1124	9/19/2007 04:01	17.63	51.165	33.66	7.47	7.99	17.4	2.05
1125	9/19/2007 04:16	17.62	51.19	33.68	7.49	7.99	14.2	2.10
1126	9/19/2007 04:31	17.65	51.118	33.63	7.51	7.99	13.7	2.13
1127	9/19/2007 04:46	17.64	51.207	33.69	7.56	8	18.9	2.18
1128	9/19/2007 05:01	17.63	51.164	33.66	7.68	8.01	14.0	2.22
1129	9/19/2007 05:16	17.62	51.18	33.67	7.74	8.01	15.6	2.26
1130	9/19/2007 05:31	17.61	51.083	33.6	7.75	8.01	9.0	2.29
1131	9/19/2007 05:46	17.6	51.16	33.66	7.7	8.01	12.8	2.32
1132	9/19/2007 06:01	17.54	51.06	33.58	7.71	8.01	6.9	2.35
1133	9/19/2007 06:16	17.47	51.045	33.57	7.75	8.01	3.5	2.37
1134	9/19/2007 06:31	17.36	51.06	33.58	7.75	8.01	3.7	2.39
1135	9/19/2007 06:46	17.28	50.955	33.5	7.69	8.01	2.9	2.40
1136	9/19/2007 07:01	17.27	50.886	33.45	7.55	8	2.5	2.41
1137	9/19/2007 07:16	17.18	51.079	33.59	7.37	7.99	2.8	2.41
1138	9/19/2007 07:31	17.23	51.013	33.54	7.21	7.98	1.7	2.42
1139	9/19/2007 07:46	17.2	50.996	33.53	7.19	7.99	1.9	2.41
1140	9/19/2007 08:01	17.08	51.026	33.55	7.25	7.98	3.2	2.40
1141	9/19/2007 08:16	17.07	50.971	33.51	7.34	7.98	3.7	2.39
1142	9/19/2007 08:31	17.21	50.941	33.49	7.43	7.99	3.8	2.37
1143	9/19/2007 08:46	17.14	51.169	33.66	7.38	7.98	3.9	2.34
1144	9/19/2007 09:01	17.2	51.187	33.67	7.4	7.98	3.7	2.33
1145	9/19/2007 09:16	17.2	51.17	33.66	7.28	7.97	3.8	2.31
1146	9/19/2007 09:31	17.15	51.198	33.68	7.22	7.97	6.3	2.27
1147	9/19/2007 09:46	17.2	51.186	33.67	7.23	7.97	6.8	2.27
1148	9/19/2007 10:01	17.22	51.169	33.66	7.25	7.97	6.8	2.25
1149	9/19/2007 10:16	17.19	51.189	33.67	7.27	7.97	8.1	2.23
1150	9/19/2007 10:31	17.24	51.146	33.64	7.19	7.97	7.0	2.23
1151	9/19/2007 10:46	17.29	51.184	33.67	6.99	7.96	5.0	2.23

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
1152	9/19/2007 11:01	17.35	51.182	33.67	7.02	7.96	5.4	2.23
1153	9/19/2007 11:16	17.36	51.257	33.72	7.19	7.97	7.5	2.24
1154	9/19/2007 11:31	17.32	51.244	33.71	7.18	7.97	11.0	2.25
1155	9/19/2007 11:46	17.31	51.21	33.69	7.13	7.97	3.1	2.27
1156	9/19/2007 12:01	17.33	51.211	33.69	7.1	7.97	3.6	2.29
1157	9/19/2007 12:16	17.37	51.269	33.73	7.18	7.98	3.2	2.32
1158	9/19/2007 12:31	17.38	51.077	33.59	7.19	7.98	3.6	2.33
1159	9/19/2007 12:46	17.39	51.238	33.71	7.26	7.98	4.9	2.37
1160	9/19/2007 13:01	17.4	51.213	33.69	7.34	7.99	4.6	2.41
1161	9/19/2007 13:16	17.4	51.033	33.56	7.44	7.99	3.9	2.43
1162	9/19/2007 13:31	17.4	51.121	33.62	7.49	8	3.4	2.47
1163	9/19/2007 13:46	17.4	51.155	33.65	7.58	8	3.1	2.51
1164	9/19/2007 14:01	17.39	50.948	33.5	7.67	8	3.5	2.55
1165	9/19/2007 14:16	17.38	50.978	33.52	7.68	8	3.4	2.58
1166	9/19/2007 14:31	17.36	51.001	33.54	7.63	8	4.5	2.62
1167	9/19/2007 14:46	17.31	50.883	33.45	7.65	8	3.9	2.67
1168	9/19/2007 15:01	17.22	51.013	33.54	7.66	8	4.0	2.70
1169	9/19/2007 15:16	17.11	50.88	33.44	7.62	7.99	3.2	2.74
1170	9/19/2007 15:31	16.84	50.788	33.37	7.74	8	3.0	2.78
1171	9/19/2007 15:46	16.56	50.766	33.35	7.85	8.01	2.5	2.83
1172	9/19/2007 16:01	16.44	50.738	33.33	7.92	8.01	1.6	2.84
1173	9/19/2007 16:16	16.54	50.733	33.33	8.05	8.03	1.6	2.88
1174	9/19/2007 16:31	16.36	50.684	33.29	8.04	8.02	1.5	2.91
1175	9/19/2007 16:46	16.33	50.676	33.28	7.87	8	0.9	2.92
1176	9/19/2007 17:01	16.38	50.703	33.3	7.61	7.99	1.0	2.93
1177	9/19/2007 17:16	16.36	50.698	33.3	7.21	7.97	6.4	2.95
1178	9/19/2007 17:31	16.38	50.649	33.27	7.49	7.98	1.9	2.96
1179	9/19/2007 17:46	16.41	50.727	33.32	7.84	8.01	1.6	2.94
1180	9/19/2007 18:01	16.51	50.688	33.3	7.86	8.01	1.6	2.93
1181	9/19/2007 18:16	16.95	50.82	33.4	7.84	8.03	10.3	2.89
1182	9/19/2007 18:31	16.48	50.733	33.33	7.92	8.02	25.2	2.87
1183	9/19/2007 18:46	16.16	50.683	33.29	7.91	8.02	19.5	2.83
1184	9/19/2007 19:01	15.92	50.673	33.27	7.91	8.02	28.3	2.77
1185	9/19/2007 19:16	15.83	50.635	33.25	7.88	8.01	37.2	2.71
1186	9/19/2007 19:31	15.82	50.633	33.24	7.81	8.01	38.2	2.65
1187	9/19/2007 19:46	15.82	50.717	33.31	7.77	8.01	51.9	2.60
1188	9/19/2007 20:01	15.92	50.775	33.35	7.7	8.01	56.8	2.53
1189	9/19/2007 20:16	16.13	50.856	33.41	7.61	8.01	43.7	2.46
1190	9/19/2007 20:31	16.53	50.984	33.51	7.4	8.01	61.0	2.40
1191	9/19/2007 20:46	16.63	50.978	33.51	7.3	8.01	44.9	2.32
1192	9/19/2007 21:01	16.69	50.999	33.53	7.3	8.02	47.0	2.23
1193	9/19/2007 21:16	16.86	51.143	33.63	7.27	8.03	46.9	2.17
1194	9/19/2007 21:31	16.87	51.176	33.66	7.15	8.02	28.6	2.10
1195	9/19/2007 21:46	16.67	51.112	33.61	7.13	8.02	45.5	2.01
1196	9/19/2007 22:01	16.74	51.028	33.55	7.09	8.01	44.3	1.93
1197	9/19/2007 22:16	16.77	51.203	33.68	7.01	8	52.6	1.85
1198	9/19/2007 22:31	16.73	51.168	33.65	6.94	8	39.4	1.78
1199	9/19/2007 22:46	16.77	51.225	33.69	6.86	7.99	40.4	1.70

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
1200	9/19/2007 23:01	16.76	51.268	33.73	6.78	7.99	38.0	1.62
1201	9/19/2007 23:16	16.65	51.219	33.69	6.5	7.97	35.1	1.57
1202	9/19/2007 23:31	16.7	51.232	33.7	6.51	7.97	34.8	1.52
1203	9/19/2007 23:46	16.7	51.208	33.68	6.39	7.96	26.3	1.45
1204	9/20/2007 00:01	16.74	51.289	33.74	6.28	7.95	31.3	1.41
1205	9/20/2007 00:16	16.79	51.361	33.79	6.25	7.96	9.0	1.38
1206	9/20/2007 00:31	16.84	51.335	33.78	6.1	7.94	6.3	1.36
1207	9/20/2007 00:46	16.87	51.355	33.79	6.6	7.97	14.2	1.36
1208	9/20/2007 01:01	16.74	51.345	33.78	6.59	7.97	10.3	1.34
1209	9/20/2007 01:16	16.69	51.299	33.75	6.64	7.98	12.1	1.35
1210	9/20/2007 01:31	16.71	51.303	33.75	6.73	7.98	13.4	1.39
1211	9/20/2007 01:46	16.74	51.257	33.72	6.77	7.98	14.0	1.38
1212	9/20/2007 02:01	16.8	51.313	33.76	6.72	7.97	15.0	1.41
1213	9/20/2007 02:16	16.76	51.312	33.76	6.73	7.98	14.7	1.45
1214	9/20/2007 02:31	16.82	51.333	33.77	6.74	7.98	15.5	1.49
1215	9/20/2007 02:46	16.85	51.333	33.77	6.67	7.97	35.3	1.52
1216	9/20/2007 03:01	16.83	51.304	33.75	6.71	7.97	28.3	1.58
1217	9/20/2007 03:16	16.83	51.198	33.67	6.69	7.97	30.6	1.63
1218	9/20/2007 03:31	16.85	51.302	33.75	6.69	7.97	14.3	1.67
1219	9/20/2007 03:46	16.8	51.298	33.75	6.68	7.97	15.2	1.72
1220	9/20/2007 04:01	16.69	51.323	33.76	6.86	7.97	12.4	1.77
1221	9/20/2007 04:16	16.67	51.336	33.77	6.92	7.97	13.1	1.84
1222	9/20/2007 04:31	16.68	51.243	33.71	6.99	7.97	12.9	1.87
1223	9/20/2007 04:46	16.67	51.287	33.74	6.98	7.97	11.8	1.93
1224	9/20/2007 05:01	16.7	51.218	33.69	7.04	7.98	12.5	1.99
1225	9/20/2007 05:16	16.72	51.26	33.72	7.06	7.99	12.4	2.03
1226	9/20/2007 05:31	16.72	51.308	33.75	7.1	7.99	16.1	2.08
1227	9/20/2007 05:46	16.74	51.215	33.69	7.23	8.01	10.5	2.13
1228	9/20/2007 06:01	16.73	51.216	33.69	7.36	8.02	9.7	2.18
1229	9/20/2007 06:16	16.72	51.163	33.65	7.4	8.02	16.1	2.22
1230	9/20/2007 06:31	16.72	51.173	33.66	7.39	8.02	20.3	2.26
1231	9/20/2007 06:46	16.72	51.168	33.65	7.38	8.02	8.2	2.31
1232	9/20/2007 07:01	16.7	51.169	33.65	7.39	8.01	8.6	2.34
1233	9/20/2007 07:16	16.67	51.05	33.56	7.38	8.01	7.1	2.37
1234	9/20/2007 07:31	16.65	51.103	33.6	7.37	8.01	7.1	2.40
1235	9/20/2007 07:46	16.63	51.047	33.56	7.32	8.01	6.4	2.43
1236	9/20/2007 08:01	16.59	51.039	33.55	7.35	8.01	6.1	2.46
1237	9/20/2007 08:16	16.52	50.922	33.47	7.38	8.01	5.1	2.47
1238	9/20/2007 08:31	16.38	51.091	33.59	7.07	7.99	5.6	2.46
1239	9/20/2007 08:46	16.47	51.074	33.58	7.09	7.99	5.0	2.48
1240	9/20/2007 09:01	16.47	50.792	33.37	6.96	7.99	3.9	2.48
1241	9/20/2007 09:16	16.41	50.897	33.45	7.07	7.98	5.8	2.45
1242	9/20/2007 09:31	16.42	50.899	33.45	7.18	7.99	5.9	2.44
1243	9/20/2007 09:46	16.52	51.02	33.54	7.18	8	5.4	2.44
1244	9/20/2007 10:01	16.55	51.039	33.55	7.12	7.99	6.4	2.42
1245	9/20/2007 10:16	16.62	50.992	33.52	7.21	7.99	8.6	2.38
1246	9/20/2007 10:31	16.65	51.089	33.59	7.22	8	8.4	2.37
1247	9/20/2007 10:46	16.72	51.142	33.63	7.35	8.01	5.5	2.36

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
1248	9/20/2007 11:01	16.69	51.172	33.65	7.28	8	6.1	2.32
1249	9/20/2007 11:16	16.77	51.056	33.57	7.46	8.01	5.9	2.30
1250	9/20/2007 11:31	16.8	51.144	33.64	7.29	8	5.8	2.31
1251	9/20/2007 11:46	16.81	51.041	33.56	7.1	7.99	4.1	2.29
1252	9/20/2007 12:01	16.84	50.976	33.51	6.38	7.94	3.7	2.27
1253	9/20/2007 12:16	16.83	51.127	33.62	6.06	7.93	3.2	2.26
1254	9/20/2007 12:31	16.8	51.177	33.66	6.01	7.94	2.6	2.27
1255	9/20/2007 12:46	16.69	51.153	33.64	6.78	7.98	5.9	2.28
1256	9/20/2007 13:01	16.67	51.107	33.61	6.7	7.97	5.1	2.28
1257	9/20/2007 13:16	16.74	51.088	33.59	6.99	7.99	6.7	2.31
1258	9/20/2007 13:31	16.77	51.032	33.55	7.08	7.99	7.1	2.31
1259	9/20/2007 13:46	16.82	51.07	33.58	7.16	8	7.0	2.33
1260	9/20/2007 14:01	16.77	51.006	33.53	7.12	8	10.9	2.38
1261	9/20/2007 14:16	16.74	50.997	33.53	7.08	7.99	10.5	2.40
1262	9/20/2007 14:31	16.75	51.049	33.56	7.09	8	9.8	2.44
1263	9/20/2007 14:46	16.76	50.957	33.5	7.17	8	9.6	2.47
1264	9/20/2007 15:01	16.72	50.915	33.47	7.16	8	7.9	2.50
1265	9/20/2007 15:16	16.69	50.966	33.5	7.16	7.99	8.1	2.55
1266	9/20/2007 15:31	16.64	50.898	33.45	7.13	7.99	7.8	2.60
1267	9/20/2007 15:46	16.54	50.724	33.32	7.14	7.99	6.1	2.63
1268	9/20/2007 16:01	16.45	50.771	33.36	7.14	7.99	6.1	2.67
1269	9/20/2007 16:16	16.34	50.789	33.37	7.11	7.98	5.3	2.72
1270	9/20/2007 16:31	16.18	50.69	33.29	7.04	7.98	4.8	2.75
1271	9/20/2007 16:46	16.11	50.727	33.32	6.99	7.97	4.4	2.79
1272	9/20/2007 17:01	15.98	50.716	33.31	6.91	7.97	7.1	2.83
1273	9/20/2007 17:16	15.82	50.668	33.27	7.19	7.98	4.2	2.87
1274	9/20/2007 17:31	15.65	50.673	33.27	7.44	7.99	3.2	2.90
1275	9/20/2007 17:46	15.9	50.709	33.3	7.45	8	3.1	2.92
1276	9/20/2007 18:01	15.83	50.686	33.28	7.34	7.99	1.7	2.96
1277	9/20/2007 18:16	15.92	50.723	33.31	7.22	7.99	3.5	2.97
1278	9/20/2007 18:31	15.86	50.713	33.3	7.04	7.97	3.8	2.98
1279	9/20/2007 18:46	15.87	50.671	33.27	6.98	7.98	3.1	2.97
1280	9/20/2007 19:01	15.83	50.715	33.3	7.08	7.98	4.3	2.96
1281	9/20/2007 19:16	15.92	50.658	33.26	7	7.97	5.6	2.94
1282	9/20/2007 19:31	16.35	50.852	33.41	6.89	7.98	5.3	2.91
1283	9/20/2007 19:46	16.59	50.885	33.44	7.1	8	10.1	2.88
1284	9/20/2007 20:01	16.66	50.791	33.37	7.55	8.03	19.5	2.82
1285	9/20/2007 20:16	16.52	50.834	33.4	7.37	8.01	11.2	2.78
1286	9/20/2007 20:31	16.46	50.863	33.42	7.31	8.01	7.7	2.73
1287	9/20/2007 20:46	16.36	50.834	33.4	7.27	8	7.8	2.65
1288	9/20/2007 21:01	16.3	50.8	33.37	7.37	8.01	19.5	2.58
1289	9/20/2007 21:16	15.98	50.75	33.33	7.4	8	20.0	2.51
1290	9/20/2007 21:31	16.11	50.795	33.37	7.39	8.01	16.5	2.45
1291	9/20/2007 21:46	16.01	50.844	33.4	7.37	8	18.0	2.37
1292	9/20/2007 22:01	15.73	50.765	33.34	7.37	7.99	14.8	2.29
1293	9/20/2007 22:16	15.81	50.729	33.31	7.31	7.99	13.4	2.23
1294	9/20/2007 22:31	15.62	50.656	33.26	7.27	7.98	14.0	2.14
1295	9/20/2007 22:46	15.73	50.797	33.36	7.23	7.99	20.6	2.06

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1296	9/20/2007 23:01	15.76	50.74	33.32	7.16	7.98	15.0	1.98
1297	9/20/2007 23:16	15.9	50.895	33.44	7.06	7.98	20.5	1.91
1298	9/20/2007 23:31	15.87	50.953	33.48	6.96	7.97	44.3	1.81
1299	9/20/2007 23:46	15.98	50.94	33.47	6.85	7.97	35.8	1.72
1300	9/21/2007 00:01	16.12	50.855	33.41	6.76	7.96	12.8	1.64
1301	9/21/2007 00:16	16.16	50.934	33.47	6.68	7.96	12.6	1.57
1302	9/21/2007 00:31	16.29	51.03	33.54	6.58	7.96	15.3	1.50
1303	9/21/2007 00:46	16.4	51.116	33.61	6.45	7.95	16.4	1.43
1304	9/21/2007 01:01	16.46	51.2	33.67	6.34	7.93	15.6	1.39
1305	9/21/2007 01:16	16.59	51.194	33.67	6.31	7.95	16.5	1.34
1306	9/21/2007 01:31	16.56	51.123	33.62	6.23	7.94	16.4	1.30
1307	9/21/2007 01:46	16.6	51.198	33.67	5.98	7.92	4.4	1.29
1308	9/21/2007 02:01	16.52	51.112	33.61	6.45	7.96	7.9	1.30
1309	9/21/2007 02:16	16.54	51.194	33.67	6.62	7.96	7.3	1.31
1310	9/21/2007 02:31	16.47	51.153	33.64	6.62	7.96	7.4	1.31
1311	9/21/2007 02:46	16.53	51.181	33.66	6.61	7.96	11.1	1.35
1312	9/21/2007 03:01	16.6	51.275	33.73	6.59	7.96	36.9	1.39
1313	9/21/2007 03:16	16.46	51.219	33.69	6.69	7.96	8.2	1.44
1314	9/21/2007 03:31	16.66	51.317	33.76	6.56	7.95	10.0	1.47
1315	9/21/2007 03:46	16.63	51.277	33.73	6.57	7.95	9.7	1.53
1316	9/21/2007 04:01	16.64	51.276	33.73	6.54	7.95	9.1	1.59
1317	9/21/2007 04:16	16.58	51.255	33.71	6.55	7.95	8.7	1.63
1318	9/21/2007 04:31	16.57	51.24	33.7	6.58	7.95	14.8	1.69
1319	9/21/2007 04:46	16.52	51.207	33.68	6.65	7.96	7.3	1.73
1320	9/21/2007 05:01	16.45	50.944	33.48	6.68	7.96	7.6	1.81
1321	9/21/2007 05:16	16.41	51.145	33.63	6.75	7.96	7.9	1.85
1322	9/21/2007 05:31	16.38	51.131	33.62	6.76	7.96	7.4	1.91
1323	9/21/2007 05:46	16.54	51.197	33.67	6.68	7.96	9.4	1.98
1324	9/21/2007 06:01	16.59	51.203	33.68	6.78	7.96	9.0	2.03
1325	9/21/2007 06:16	16.58	50.84	33.41	6.89	7.98	8.6	2.10
1326	9/21/2007 06:31	16.56	50.744	33.34	6.99	7.99	8.3	2.15
1327	9/21/2007 06:46	16.53	50.622	33.25	7.06	8	7.8	2.21
1328	9/21/2007 07:01	16.47	50.559	33.2	7.14	8	7.7	2.27
1329	9/21/2007 07:16	16.39	50.532	33.18	7.19	8	7.8	2.32
1330	9/21/2007 07:31	16.26	50.514	33.16	7.19	8	9.7	2.38
1331	9/21/2007 07:46	16.14	50.641	33.26	7.21	8	7.3	2.42
1332	9/21/2007 08:01	16.05	50.56	33.19	7.27	8	6.2	2.47
1333	9/21/2007 08:16	15.89	50.519	33.16	7.35	8	5.3	2.51
1334	9/21/2007 08:31	15.84	50.447	33.11	7.35	8	5.7	2.55
1335	9/21/2007 08:46	15.67	50.365	33.04	7.38	7.99	5.0	2.58
1336	9/21/2007 09:01	15.63	50.389	33.06	7.31	7.99	3.9	2.61
1337	9/21/2007 09:16	15.49	50.637	33.24	7.28	7.98	3.4	2.63
Mean		16.50	50.90	33.45	7.38	7.96	7.7	2.29
Standard Dev.		1.24	0.49	0.36	0.73	0.06	7.1	0.58

Values in bold red type indicate exceedance of established applicable criteria

Parameter	Criteria	Source

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth 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	9/21/2007 09:46	15.85	50.45	33.11	6.52	7.84		2.06
1	9/21/2007 10:01	15.97	50.505	33.15	6.4	7.86		2.04
2	9/21/2007 10:16	16.02	50.507	33.15	6.44	7.88	15.1	2.03
3	9/21/2007 10:31	16.04	50.536	33.18	6.43	7.89	11.0	2.00
4	9/21/2007 10:46	16.04	50.554	33.19	6.34	7.88	12.4	1.97
5	9/21/2007 11:01	16.04	50.561	33.2	6.3	7.88	10.6	1.95
6	9/21/2007 11:16	16.06	50.495	33.15	6.25	7.88	9.1	1.90
7	9/21/2007 11:31	16.11	50.54	33.18	6.24	7.88	9.6	1.87
8	9/21/2007 11:46	16.21	50.599	33.23	6.42	7.89	11.9	1.84
9	9/21/2007 12:01	16.25	50.683	33.29	6.62	7.89	6.6	1.81
10	9/21/2007 12:16	16.31	50.62	33.24	6.44	7.9	5.5	1.77
11	9/21/2007 12:31	16.36	50.671	33.28	6.54	7.91	5.9	1.74
12	9/21/2007 12:46	16.44	50.591	33.22	6.7	7.92	4.0	1.73
13	9/21/2007 13:01	16.47	50.712	33.31	6.57	7.9	5.6	1.71
14	9/21/2007 13:16	16.57	50.573	33.21	6.47	7.9	3.3	1.69
15	9/21/2007 13:31	16.67	50.754	33.35	6.51	7.91	2.7	1.69
16	9/21/2007 13:46	16.7	50.749	33.34	6.25	7.89	6.5	1.68
17	9/21/2007 14:01	16.69	50.751	33.34	6.18	7.87	5.0	1.69
18	9/21/2007 14:16	16.67	50.755	33.35	6.15	7.88	4.7	1.70
19	9/21/2007 14:31	16.65	50.762	33.35	6.06	7.87	1.9	1.71
20	9/21/2007 14:46	16.63	50.77	33.36	6.27	7.89	2.5	1.73
21	9/21/2007 15:01	16.62	50.776	33.36	6.44	7.9	4.5	1.75
22	9/21/2007 15:16	16.64	50.768	33.36	6.65	7.92	2.7	1.78
23	9/21/2007 15:31	16.65	50.755	33.35	6.89	7.93	3.9	1.82
24	9/21/2007 15:46	16.63	50.769	33.36	7.11	7.94	3.6	1.86
25	9/21/2007 16:01	16.59	50.76	33.35	7.1	7.95	2.9	1.90
26	9/21/2007 16:16	16.49	50.699	33.3	6.97	7.93	2.2	1.94
27	9/21/2007 16:31	16.34	50.846	33.41	6.86	7.93	1.9	1.99
28	9/21/2007 16:46	16.23	50.853	33.41	6.73	7.92	1.6	2.03
29	9/21/2007 17:01	16.06	50.801	33.37	6.63	7.91	1.6	2.08
30	9/21/2007 17:16	15.9	50.795	33.36	6.62	7.91	1.3	2.13
31	9/21/2007 17:31	15.61	50.82	33.38	6.68	7.91	1.3	2.19
32	9/21/2007 17:46	15.42	50.757	33.33	6.84	7.91	1.3	2.24
33	9/21/2007 18:01	15.19	50.778	33.34	6.82	7.91	1.2	2.28
34	9/21/2007 18:16	15.04	50.783	33.34	6.8	7.91	1.4	2.33
35	9/21/2007 18:31	14.86	50.731	33.29	6.88	7.91	1.3	2.37
36	9/21/2007 18:46	14.71	50.779	33.33	6.78	7.9	0.8	2.41
37	9/21/2007 19:01	14.6	50.796	33.33	6.8	7.9	0.7	2.44
38	9/21/2007 19:16	14.5	50.74	33.29	6.73	7.89	0.7	2.46
39	9/21/2007 19:31	14.44	50.766	33.31	6.78	7.9	1.1	2.48
40	9/21/2007 19:46	14.5	50.76	33.31	6.89	7.9	1.2	2.49
41	9/21/2007 20:01	14.51	50.763	33.31	6.88	7.9	1.1	2.49
42	9/21/2007 20:16	14.52	50.761	33.31	6.83	7.9	1.2	2.48
43	9/21/2007 20:31	14.46	50.788	33.33	6.66	7.89	1.6	2.45
44	9/21/2007 20:46	14.41	50.816	33.34	6.67	7.89	0.7	2.42
45	9/21/2007 21:01	14.48	50.774	33.32	6.8	7.9	1.1	2.37
46	9/21/2007 21:16	14.92	50.641	33.23	6.77	7.91	1.4	2.33
47	9/21/2007 21:31	15.05	50.75	33.31	6.84	7.91	1.5	2.26

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
48	9/21/2007 21:46	15.18	50.819	33.37	6.71	7.9	2.3	2.19
49	9/21/2007 22:01	15.23	50.867	33.4	6.68	7.9	2.5	2.11
50	9/21/2007 22:16	15.29	50.889	33.42	6.73	7.9	2.6	2.04
51	9/21/2007 22:31	15.47	50.876	33.42	6.88	7.92	3.3	1.96
52	9/21/2007 22:46	15.61	50.913	33.44	6.86	7.92	2.5	1.89
53	9/21/2007 23:01	15.69	50.958	33.48	6.8	7.91	3.2	1.80
54	9/21/2007 23:16	15.73	50.988	33.5	6.74	7.91	2.9	1.72
55	9/21/2007 23:31	15.7	50.967	33.49	6.63	7.9	2.6	1.62
56	9/21/2007 23:46	15.63	50.992	33.5	6.71	7.91	3.9	1.53
57	9/22/2007 00:01	15.65	51.028	33.53	6.64	7.9	4.1	1.45
58	9/22/2007 00:16	15.69	51.021	33.53	6.56	7.89	3.8	1.33
59	9/22/2007 00:31	15.78	51.069	33.56	6.58	7.89	3.5	1.25
60	9/22/2007 00:46	15.79	51.053	33.55	6.43	7.88	3.6	1.15
61	9/22/2007 01:01	15.85	51.069	33.56	6.28	7.88	3.0	1.07
62	9/22/2007 01:16	15.9	51.085	33.58	6.11	7.86	2.8	0.96
63	9/22/2007 01:31	15.95	51.096	33.59	5.89	7.85	8.6	0.88
64	9/22/2007 01:46	15.95	51.101	33.59	5.74	7.83	3.2	0.81
65	9/22/2007 02:01	16	51.134	33.61	5.62	7.82	2.9	0.74
66	9/22/2007 02:16	16.03	51.099	33.59	5.58	7.82	3.4	0.69
67	9/22/2007 02:31	16.09	51.122	33.61	5.53	7.81	3.4	0.62
68	9/22/2007 02:46	16.15	51.072	33.57	5.49	7.81	2.5	0.63
69	9/22/2007 03:01	16.19	51.114	33.6	5.46	7.81	2.9	0.62
70	9/22/2007 03:16	16.22	51.131	33.62	5.43	7.8	3.2	0.61
71	9/22/2007 03:31	16.3	51.071	33.57	5.04	7.79	0.0	0.65
72	9/22/2007 03:46	16.33	51.13	33.62	4.84	7.77	0.0	0.69
73	9/22/2007 04:01	16.38	51.148	33.63	4.69	7.76	0.0	0.74
74	9/22/2007 04:16	16.46	51.167	33.65	5.56	7.83	1.7	0.79
75	9/22/2007 04:31	16.55	51.28	33.73	6.35	7.91	1.2	0.85
76	9/22/2007 04:46	16.57	51.358	33.79	6.72	7.92	1.8	0.91
77	9/22/2007 05:01	16.68	51.348	33.78	6.6	7.91	2.4	0.97
78	9/22/2007 05:16	16.81	51.385	33.81	6.67	7.91	4.3	1.05
79	9/22/2007 05:31	16.81	51.418	33.84	6.55	7.9	2.7	1.11
80	9/22/2007 05:46	16.78	51.421	33.84	6.58	7.9	2.9	1.17
81	9/22/2007 06:01	16.7	51.382	33.81	6.59	7.9	2.5	1.24
82	9/22/2007 06:16	16.61	51.38	33.81	6.63	7.91	2.6	1.33
83	9/22/2007 06:31	16.58	51.385	33.81	6.69	7.91	3.0	1.39
84	9/22/2007 06:46	16.56	51.38	33.81	6.68	7.91	3.1	1.46
85	9/22/2007 07:01	16.51	51.343	33.78	6.68	7.92	2.9	1.54
86	9/22/2007 07:16	16.46	51.349	33.78	6.76	7.92	3.6	1.60
87	9/22/2007 07:31	16.4	51.316	33.76	6.8	7.93	4.3	1.68
88	9/22/2007 07:46	16.29	51.31	33.75	6.84	7.93	3.8	1.74
89	9/22/2007 08:01	16.16	51.314	33.75	6.87	7.94	4.4	1.81
90	9/22/2007 08:16	16.03	51.256	33.71	6.86	7.93	3.3	1.86
91	9/22/2007 08:31	15.86	51.281	33.72	6.87	7.93	3.7	1.93
92	9/22/2007 08:46	15.75	51.204	33.66	6.88	7.92	3.2	1.99
93	9/22/2007 09:01	15.49	51.152	33.62	6.91	7.92	2.9	2.03
94	9/22/2007 09:16	15.32	51.106	33.58	6.92	7.92	2.7	2.08
95	9/22/2007 09:31	15.16	51.132	33.6	6.99	7.92	2.5	2.13

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
96	9/22/2007 09:46	15.06	51.08	33.55	6.96	7.91	1.6	2.17
97	9/22/2007 10:01	14.98	51.072	33.55	6.86	7.91	1.9	2.19
98	9/22/2007 10:16	14.92	51.083	33.55	6.74	7.9	1.5	2.20
99	9/22/2007 10:31	14.92	51.066	33.54	6.72	7.9	1.4	2.22
100	9/22/2007 10:46	14.91	51.057	33.53	6.68	7.89	1.3	2.21
101	9/22/2007 11:01	14.92	51.092	33.56	6.56	7.89	1.4	2.17
102	9/22/2007 11:16	15.15	50.994	33.49	6.56	7.89	1.3	2.15
103	9/22/2007 11:31	15.38	51.022	33.52	6.72	7.91	1.4	2.09
104	9/22/2007 11:46	15.6	51.067	33.56	6.73	7.91	1.9	2.04
105	9/22/2007 12:01	15.77	51.097	33.58	6.78	7.91	2.8	2.00
106	9/22/2007 12:16	15.86	51.153	33.63	6.65	7.9	5.0	1.93
107	9/22/2007 12:31	15.97	51.184	33.65	6.67	7.9	2.1	1.88
108	9/22/2007 12:46	16.11	51.218	33.68	6.53	7.89	3.2	1.83
109	9/22/2007 13:01	16.24	51.23	33.69	6.56	7.89	2.1	1.79
110	9/22/2007 13:16	16.29	51.301	33.74	6.44	7.89	1.9	1.74
111	9/22/2007 13:31	16.45	51.265	33.72	6.4	7.88	1.7	1.71
112	9/22/2007 13:46	16.51	51.314	33.76	6.19	7.88	1.4	1.67
113	9/22/2007 14:01	16.56	51.278	33.73	6.1	7.87	0.9	1.64
114	9/22/2007 14:16	16.55	51.271	33.72	6.04	7.87	1.3	1.61
115	9/22/2007 14:31	16.6	51.261	33.72	5.94	7.86	1.6	1.58
116	9/22/2007 14:46	16.67	51.21	33.68	5.91	7.85	1.0	1.57
117	9/22/2007 15:01	16.74	51.189	33.67	6.04	7.85	0.7	1.56
118	9/22/2007 15:16	16.75	51.253	33.71	5.84	7.85	0.9	1.55
119	9/22/2007 15:31	16.88	51.178	33.66	6.29	7.85	1.1	1.57
120	9/22/2007 15:46	16.91	51.197	33.68	6.29	7.88	0.7	1.58
121	9/22/2007 16:01	16.93	51.235	33.7	6.44	7.89	0.7	1.61
122	9/22/2007 16:16	16.94	51.325	33.77	6.95	7.92	1.6	1.66
123	9/22/2007 16:31	16.94	51.307	33.76	7.3	7.94	1.5	1.69
124	9/22/2007 16:46	16.91	51.356	33.79	7.17	7.94	2.0	1.75
125	9/22/2007 17:01	16.86	51.319	33.76	7.29	7.94	2.2	1.80
126	9/22/2007 17:16	16.73	51.306	33.75	7.29	7.94	2.1	1.86
127	9/22/2007 17:31	16.48	51.371	33.8	7.33	7.94	2.4	1.92
128	9/22/2007 17:46	16.31	51.258	33.71	7.35	7.94	2.2	1.98
129	9/22/2007 18:01	16.21	51.211	33.67	7.22	7.93	1.5	2.04
130	9/22/2007 18:16	15.89	51.224	33.68	7.19	7.92	1.6	2.10
131	9/22/2007 18:31	15.48	51.194	33.65	7.25	7.92	1.5	2.16
132	9/22/2007 18:46	14.96	51.258	33.68	7.32	7.91	1.4	2.22
133	9/22/2007 19:01	14.73	51.152	33.6	7.33	7.91	1.6	2.28
134	9/22/2007 19:16	14.64	51.078	33.54	7.34	7.91	1.4	2.34
135	9/22/2007 19:31	14.44	51.135	33.58	7.31	7.9	1.3	2.39
136	9/22/2007 19:46	14.21	51.107	33.55	7.35	7.9	1.0	2.44
137	9/22/2007 20:01	14.06	51.094	33.54	7.36	7.89	1.0	2.49
138	9/22/2007 20:16	13.95	51.066	33.51	7.29	7.89	0.8	2.53
139	9/22/2007 20:31	13.83	51.075	33.52	7.28	7.88	0.8	2.56
140	9/22/2007 20:46	13.75	51.076	33.51	7.16	7.87	0.4	2.59
141	9/22/2007 21:01	13.74	51.092	33.52	7.02	7.87	0.3	2.59
142	9/22/2007 21:16	13.78	51.024	33.48	7.04	7.87	0.6	2.59
143	9/22/2007 21:31	13.76	51.05	33.49	6.96	7.86	0.3	2.57

sonde #4		Indian Island Long-Term Deployment				Water Quality Data		TP #5
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth
			mS/cm	ppt	mg/L		NTU	meters
144	9/22/2007 21:46	13.75	51.078	33.51	6.75	7.85	0.4	2.53
145	9/22/2007 22:01	13.72	51.139	33.56	6.67	7.86	0.7	2.48
146	9/22/2007 22:16	14.12	50.874	33.38	6.84	7.86	2.1	2.41
147	9/22/2007 22:31	14.49	51.002	33.48	6.72	7.87	2.1	2.34
148	9/22/2007 22:46	14.67	51.047	33.52	6.7	7.87	2.1	2.27
149	9/22/2007 23:01	14.78	51.077	33.55	6.66	7.87	2.2	2.18
150	9/22/2007 23:16	15.01	51.047	33.53	6.68	7.88	2.5	2.09
151	9/22/2007 23:31	15.28	51.102	33.58	6.75	7.89	2.9	1.99
152	9/22/2007 23:46	15.48	51.103	33.58	6.8	7.9	3.0	1.91
153	9/23/2007 00:01	15.75	51.146	33.62	6.74	7.9	3.1	1.81
154	9/23/2007 00:16	15.81	51.206	33.66	6.54	7.89	2.3	1.71
155	9/23/2007 00:31	15.71	51.212	33.67	6.46	7.88	2.7	1.61
156	9/23/2007 00:46	15.62	51.194	33.65	6.47	7.88	2.8	1.51
157	9/23/2007 01:01	15.65	51.19	33.65	6.47	7.87	3.0	1.40
158	9/23/2007 01:16	15.76	51.186	33.65	6.45	7.88	3.2	1.29
159	9/23/2007 01:31	15.8	51.195	33.66	6.33	7.87	2.9	1.17
160	9/23/2007 01:46	15.92	51.157	33.63	6.31	7.87	2.6	1.07
161	9/23/2007 02:01	15.96	51.2	33.66	6.19	7.85	2.9	0.96
162	9/23/2007 02:16	16.04	51.196	33.66	6.07	7.84	1.8	0.86
163	9/23/2007 02:31	16.09	51.194	33.66	5.89	7.84	1.8	0.76
164	9/23/2007 02:46	16.18	51.19	33.66	5.93	7.82	1.6	0.69
165	9/23/2007 03:01	16.21	51.218	33.68	5.7	7.82	1.6	0.62
166	9/23/2007 03:16	16.21	51.242	33.7	5.54	7.81	2.2	0.56
167	9/23/2007 03:31	16.26	51.224	33.69	5.45	7.81	1.9	0.53
168	9/23/2007 03:46	16.33	51.207	33.67	5.43	7.8	1.8	0.53
169	9/23/2007 04:01	16.39	51.23	33.69	5.33	7.8	1.8	0.53
170	9/23/2007 04:16	16.42	51.135	33.62	5.29	7.79	1.7	0.56
171	9/23/2007 04:31	16.48	51.234	33.7	5.41	7.79	1.1	0.61
172	9/23/2007 04:46	16.66	51.243	33.71	6.16	7.87	1.5	0.65
173	9/23/2007 05:01	16.82	51.357	33.79	6.66	7.91	1.8	0.71
174	9/23/2007 05:16	16.79	51.48	33.88	6.79	7.93	3.3	0.79
175	9/23/2007 05:31	16.86	51.414	33.83	6.94	7.93	3.7	0.88
176	9/23/2007 05:46	17.01	51.365	33.8	6.84	7.92	3.7	0.93
177	9/23/2007 06:01	17.04	51.404	33.83	6.81	7.91	3.4	1.01
178	9/23/2007 06:16	17.05	51.419	33.84	6.82	7.91	3.3	1.11
179	9/23/2007 06:31	16.97	51.461	33.87	6.77	7.91	2.5	1.17
180	9/23/2007 06:46	16.83	51.449	33.86	6.85	7.91	2.3	1.25
181	9/23/2007 07:01	16.77	51.405	33.83	6.81	7.91	2.4	1.34
182	9/23/2007 07:16	16.75	51.413	33.83	6.85	7.91	2.5	1.42
183	9/23/2007 07:31	16.74	51.428	33.84	6.91	7.92	3.0	1.51
184	9/23/2007 07:46	16.67	51.423	33.84	6.87	7.92	3.3	1.58
185	9/23/2007 08:01	16.56	51.391	33.81	6.85	7.92	3.6	1.67
186	9/23/2007 08:16	16.44	51.402	33.82	6.84	7.92	3.8	1.75
187	9/23/2007 08:31	16.23	51.356	33.78	6.83	7.92	3.7	1.83
188	9/23/2007 08:46	16.02	51.286	33.73	6.84	7.91	3.5	1.90
189	9/23/2007 09:01	15.91	51.268	33.71	6.85	7.91	3.8	1.97
190	9/23/2007 09:16	15.76	51.263	33.71	6.85	7.91	4.5	2.03
191	9/23/2007 09:31	15.58	51.249	33.69	6.86	7.9	2.9	2.09

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
192	9/23/2007 09:46	15.3	51.228	33.67	6.89	7.9	2.1	2.16
193	9/23/2007 10:01	15.14	51.2	33.64	6.87	7.89	1.6	2.20
194	9/23/2007 10:16	14.97	51.217	33.65	6.87	7.89	1.6	2.26
195	9/23/2007 10:31	14.81	51.185	33.63	6.79	7.88	0.8	2.30
196	9/23/2007 10:46	14.68	51.212	33.64	6.7	7.88	0.4	2.32
197	9/23/2007 11:01	14.55	51.203	33.63	6.68	7.87	1.0	2.33
198	9/23/2007 11:16	14.53	51.181	33.62	6.73	7.87	1.0	2.33
199	9/23/2007 11:31	14.55	51.129	33.58	6.61	7.87	0.5	2.31
200	9/23/2007 11:46	14.51	51.174	33.61	6.6	7.87	0.7	2.27
201	9/23/2007 12:01	14.51	51.145	33.59	6.66	7.87	0.9	2.21
202	9/23/2007 12:16	14.87	51.069	33.54	6.8	7.88	1.5	2.14
203	9/23/2007 12:31	15.17	51.127	33.59	6.92	7.89	1.5	2.08
204	9/23/2007 12:46	15.36	51.175	33.63	6.9	7.89	2.0	2.00
205	9/23/2007 13:01	15.51	51.184	33.64	6.84	7.9	2.2	1.92
206	9/23/2007 13:16	15.74	51.23	33.68	6.88	7.91	3.1	1.85
207	9/23/2007 13:31	15.98	51.201	33.66	7.02	7.91	1.9	1.79
208	9/23/2007 13:46	16.15	51.207	33.67	6.97	7.92	1.9	1.73
209	9/23/2007 14:01	16.26	51.277	33.72	7	7.92	1.8	1.66
210	9/23/2007 14:16	16.4	51.261	33.72	6.99	7.92	1.6	1.59
211	9/23/2007 14:31	16.46	51.283	33.73	7.03	7.92	2.0	1.55
212	9/23/2007 14:46	16.52	51.284	33.73	6.95	7.92	1.6	1.50
213	9/23/2007 15:01	16.62	51.262	33.72	6.93	7.92	1.9	1.45
214	9/23/2007 15:16	16.69	51.315	33.76	6.88	7.92	1.8	1.41
215	9/23/2007 15:31	16.77	51.314	33.76	6.76	7.91	1.4	1.37
216	9/23/2007 15:46	16.85	51.295	33.75	6.68	7.91	1.2	1.36
217	9/23/2007 16:01	16.93	51.312	33.76	6.58	7.9	0.8	1.37
218	9/23/2007 16:16	17.02	51.342	33.78	6.65	7.9	1.1	1.37
219	9/23/2007 16:31	17.09	51.327	33.77	6.82	7.92	1.3	1.39
220	9/23/2007 16:46	17.12	51.35	33.79	7.02	7.93	1.7	1.44
221	9/23/2007 17:01	17.09	51.399	33.83	7.2	7.94	1.8	1.48
222	9/23/2007 17:16	17.05	51.414	33.84	7.26	7.95	1.6	1.54
223	9/23/2007 17:31	17	51.385	33.81	7.43	7.95	2.2	1.59
224	9/23/2007 17:46	16.97	51.386	33.82	7.41	7.95	1.7	1.66
225	9/23/2007 18:01	16.94	51.355	33.79	7.5	7.96	2.4	1.73
226	9/23/2007 18:16	16.9	51.34	33.78	7.53	7.96	2.2	1.79
227	9/23/2007 18:31	16.81	51.389	33.81	7.54	7.95	2.5	1.86
228	9/23/2007 18:46	16.7	51.385	33.81	7.55	7.95	2.1	1.92
229	9/23/2007 19:01	16.63	51.347	33.78	7.53	7.95	1.9	1.99
230	9/23/2007 19:16	16.4	51.367	33.79	7.47	7.94	1.4	2.06
231	9/23/2007 19:31	15.8	51.432	33.83	7.46	7.93	1.9	2.14
232	9/23/2007 19:46	15.48	51.278	33.71	7.46	7.92	2.5	2.21
233	9/23/2007 20:01	15.36	51.221	33.67	7.44	7.92	1.9	2.28
234	9/23/2007 20:16	15.2	51.201	33.65	7.4	7.91	1.4	2.35
235	9/23/2007 20:31	14.92	51.214	33.65	7.39	7.91	1.4	2.42
236	9/23/2007 20:46	14.57	51.227	33.65	7.46	7.9	1.2	2.48
237	9/23/2007 21:01	14.37	51.143	33.58	7.52	7.89	1.3	2.54
238	9/23/2007 21:16	14.22	51.158	33.59	7.46	7.89	1.0	2.59
239	9/23/2007 21:31	14.06	51.156	33.58	7.47	7.89	0.6	2.64

sonde #4		Indian Island Long-Term Deployment Water Quality Data					TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
240	9/23/2007 21:46	13.88	51.176	33.59	7.35	7.88	0.4	2.67
241	9/23/2007 22:01	13.82	51.16	33.58	7.2	7.87	0.5	2.69
242	9/23/2007 22:16	13.94	51.063	33.51	7.2	7.88	1.5	2.69
243	9/23/2007 22:31	14.01	51.149	33.58	7.17	7.88	0.8	2.67
244	9/23/2007 22:46	13.99	51.175	33.59	7.07	7.88	0.8	2.63
245	9/23/2007 23:01	14.05	51.091	33.53	6.99	7.87	0.8	2.58
246	9/23/2007 23:16	14.36	51.083	33.54	6.85	7.87	1.7	2.51
247	9/23/2007 23:31	14.57	51.166	33.61	6.77	7.87	2.9	2.41
248	9/23/2007 23:46	14.43	51.214	33.64	6.83	7.87	3.2	2.32
249	9/24/2007 00:01	14.33	51.24	33.65	6.97	7.87	3.6	2.22
250	9/24/2007 00:16	14.4	51.186	33.61	6.9	7.87	3.8	2.12
251	9/24/2007 00:31	14.65	51.224	33.65	6.84	7.88	4.7	2.01
252	9/24/2007 00:46	15.18	51.232	33.67	6.72	7.88	4.7	1.91
253	9/24/2007 01:01	15.43	51.227	33.67	6.7	7.89	5.7	1.80
254	9/24/2007 01:16	15.46	51.336	33.75	6.65	7.89	4.9	1.68
255	9/24/2007 01:31	15.27	51.288	33.71	6.75	7.88	5.4	1.57
256	9/24/2007 01:46	15.26	51.255	33.69	6.74	7.89	6.1	1.45
257	9/24/2007 02:01	15.3	51.282	33.71	6.66	7.88	6.3	1.33
258	9/24/2007 02:16	15.32	51.297	33.72	6.55	7.88	5.0	1.21
259	9/24/2007 02:31	15.4	51.267	33.7	6.5	7.87	5.5	1.08
260	9/24/2007 02:46	15.45	51.281	33.71	6.46	7.87	4.3	0.96
261	9/24/2007 03:01	15.53	51.338	33.76	6.34	7.87	4.5	0.84
262	9/24/2007 03:16	15.62	51.288	33.72	6.24	7.86	3.9	0.73
263	9/24/2007 03:31	15.64	51.321	33.75	6.07	7.86	1.9	0.64
264	9/24/2007 03:46	15.72	51.312	33.74	6.03	7.85	2.2	0.55
265	9/24/2007 04:01	15.77	51.356	33.77	5.95	7.85	2.4	0.49
266	9/24/2007 04:16	15.83	51.366	33.78	5.88	7.84	2.1	0.46
267	9/24/2007 04:31	15.97	51.337	33.76	5.76	7.84	5.3	0.44
268	9/24/2007 04:46	16.01	51.352	33.78	5.74	7.83	3.2	0.46
269	9/24/2007 05:01	16.08	51.352	33.78	5.6	7.82	1.9	0.50
270	9/24/2007 05:16	16.07	51.345	33.77	5.59	7.82	2.5	0.55
271	9/24/2007 05:31	16.26	51.418	33.83	6.33	7.9	4.7	0.62
272	9/24/2007 05:46	16.24	51.526	33.91	6.43	7.9	5.1	0.71
273	9/24/2007 06:01	16.27	51.526	33.91	6.43	7.9	5.1	0.77
274	9/24/2007 06:16	16.31	51.57	33.94	6.45	7.91	6.1	0.86
275	9/24/2007 06:31	16.26	51.557	33.93	6.45	7.9	5.9	0.96
276	9/24/2007 06:46	16.15	51.591	33.95	6.47	7.9	6.0	1.03
277	9/24/2007 07:01	16.05	51.548	33.92	6.52	7.9	5.4	1.11
278	9/24/2007 07:16	15.97	51.498	33.88	6.56	7.9	6.0	1.23
279	9/24/2007 07:31	15.98	51.454	33.85	6.62	7.9	7.0	1.32
280	9/24/2007 07:46	16.05	51.478	33.87	6.56	7.9	33.3	1.40
281	9/24/2007 08:01	16.13	51.468	33.86	6.61	7.91	9.1	1.50
282	9/24/2007 08:16	16.07	51.504	33.89	6.66	7.91	7.9	1.59
283	9/24/2007 08:31	15.94	51.442	33.84	6.76	7.91	7.2	1.68
284	9/24/2007 08:46	15.76	51.445	33.84	6.82	7.91	7.8	1.78
285	9/24/2007 09:01	15.59	51.409	33.81	6.91	7.91	8.2	1.87
286	9/24/2007 09:16	15.49	51.338	33.75	6.97	7.91	7.2	1.95
287	9/24/2007 09:31	15.36	51.355	33.76	7.03	7.91	7.9	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
288	9/24/2007 09:46	15.01	51.329	33.74	7.14	7.9	9.5	2.11
289	9/24/2007 10:01	14.62	51.345	33.74	7.28	7.9	7.9	2.19
290	9/24/2007 10:16	14.26	51.31	33.7	7.43	7.9	7.2	2.26
291	9/24/2007 10:31	13.98	51.205	33.62	7.51	7.89	3.9	2.33
292	9/24/2007 10:46	13.72	51.251	33.64	7.59	7.89	3.0	2.39
293	9/24/2007 11:01	13.57	51.257	33.64	7.53	7.89	2.2	2.44
294	9/24/2007 11:16	13.48	51.221	33.61	7.37	7.88	1.8	2.47
295	9/24/2007 11:31	13.41	51.233	33.62	7.27	7.87	1.4	2.49
296	9/24/2007 11:46	13.57	51.196	33.59	7.23	7.87	1.4	2.49
297	9/24/2007 12:01	13.58	51.221	33.61	7.11	7.87	1.3	2.46
298	9/24/2007 12:16	13.64	51.174	33.58	6.93	7.87	1.8	2.41
299	9/24/2007 12:31	13.59	51.228	33.62	6.92	7.87	1.9	2.34
300	9/24/2007 12:46	14.03	51.166	33.59	7.14	7.88	3.2	2.27
301	9/24/2007 13:01	14.27	51.198	33.62	7.24	7.89	3.6	2.18
302	9/24/2007 13:16	14.44	51.198	33.62	7.29	7.89	3.6	2.09
303	9/24/2007 13:31	14.63	51.253	33.67	7.26	7.9	3.8	1.99
304	9/24/2007 13:46	14.9	51.283	33.7	7.21	7.9	3.9	1.90
305	9/24/2007 14:01	15.31	51.255	33.69	7.19	7.91	4.4	1.81
306	9/24/2007 14:16	15.68	51.333	33.75	7.2	7.93	4.4	1.72
307	9/24/2007 14:31	15.86	51.39	33.8	7.24	7.93	4.0	1.64
308	9/24/2007 14:46	15.88	51.382	33.8	7.18	7.93	3.4	1.55
309	9/24/2007 15:01	15.91	51.337	33.76	7.31	7.93	3.0	1.46
310	9/24/2007 15:16	15.96	51.354	33.78	7.15	7.92	2.5	1.39
311	9/24/2007 15:31	16.07	51.354	33.78	7.21	7.92	2.4	1.32
312	9/24/2007 15:46	16.12	51.359	33.78	7.17	7.92	2.8	1.25
313	9/24/2007 16:01	16.21	51.337	33.77	7.05	7.92	2.6	1.18
314	9/24/2007 16:16	16.26	51.37	33.79	6.98	7.92	2.1	1.16
315	9/24/2007 16:31	16.33	51.349	33.78	6.85	7.91	2.1	1.13
316	9/24/2007 16:46	16.39	51.358	33.79	6.84	7.91	1.4	1.10
317	9/24/2007 17:01	16.39	51.375	33.8	6.93	7.91	1.6	1.11
318	9/24/2007 17:16	16.42	51.362	33.79	6.96	7.91	1.8	1.15
319	9/24/2007 17:31	16.43	51.381	33.8	6.88	7.91	1.7	1.18
320	9/24/2007 17:46	16.48	51.373	33.8	7.35	7.94	2.3	1.23
321	9/24/2007 18:01	16.54	51.37	33.8	7.69	7.95	3.2	1.30
322	9/24/2007 18:16	16.57	51.392	33.81	7.8	7.96	3.6	1.38
323	9/24/2007 18:31	16.67	51.369	33.8	7.79	7.96	5.0	1.46
324	9/24/2007 18:46	16.63	51.429	33.84	7.77	7.96	3.9	1.54
325	9/24/2007 19:01	16.45	51.444	33.85	7.84	7.96	3.8	1.62
326	9/24/2007 19:16	16.36	51.364	33.79	7.81	7.96	4.4	1.70
327	9/24/2007 19:31	16.35	51.347	33.78	7.72	7.95	3.8	1.77
328	9/24/2007 19:46	16.1	51.446	33.85	7.53	7.94	3.8	1.86
329	9/24/2007 20:01	15.82	51.382	33.79	7.43	7.93	4.1	1.93
330	9/24/2007 20:16	15.56	51.312	33.74	7.41	7.92	4.3	2.01
331	9/24/2007 20:31	15.33	51.3	33.72	7.44	7.92	4.5	2.10
332	9/24/2007 20:46	15.07	51.329	33.74	7.47	7.91	6.2	2.18
333	9/24/2007 21:01	14.7	51.253	33.67	7.54	7.91	6.0	2.27
334	9/24/2007 21:16	14.53	51.295	33.7	7.58	7.91	5.1	2.34
335	9/24/2007 21:31	14.15	51.325	33.71	7.66	7.9	4.2	2.43

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
336	9/24/2007 21:46	13.82	51.283	33.67	7.68	7.89	3.3	2.50
337	9/24/2007 22:01	13.5	51.265	33.64	7.68	7.88	2.5	2.58
338	9/24/2007 22:16	13.27	51.251	33.62	7.67	7.88	1.9	2.64
339	9/24/2007 22:31	13.03	51.252	33.62	7.64	7.87	1.4	2.69
340	9/24/2007 22:46	12.85	51.216	33.58	7.58	7.87	1.1	2.73
341	9/24/2007 23:01	12.82	51.221	33.58	7.47	7.86	1.0	2.74
342	9/24/2007 23:16	13.02	51.183	33.56	7.36	7.86	1.2	2.74
343	9/24/2007 23:31	13.05	51.203	33.58	7.31	7.86	1.0	2.71
344	9/24/2007 23:46	13.07	51.22	33.59	7.13	7.86	0.3	2.66
345	9/25/2007 00:01	13.12	51.188	33.57	7.12	7.86	1.6	2.60
346	9/25/2007 00:16	13.6	51.254	33.64	7.07	7.87	3.7	2.50
347	9/25/2007 00:31	13.77	51.259	33.65	7.07	7.87	3.7	2.40
348	9/25/2007 00:46	13.79	51.228	33.63	7.02	7.87	4.0	2.30
349	9/25/2007 01:01	13.89	51.259	33.65	7.08	7.87	4.9	2.18
350	9/25/2007 01:16	14.39	51.225	33.64	6.99	7.88	5.6	2.07
351	9/25/2007 01:31	14.91	51.251	33.68	6.87	7.89	4.6	1.96
352	9/25/2007 01:46	15.11	51.36	33.76	6.9	7.9	4.3	1.83
353	9/25/2007 02:01	15.11	51.378	33.77	6.92	7.9	4.9	1.71
354	9/25/2007 02:16	14.79	51.319	33.72	6.92	7.89	4.6	1.58
355	9/25/2007 02:31	14.75	51.349	33.74	6.92	7.89	4.8	1.46
356	9/25/2007 02:46	14.82	51.301	33.71	6.87	7.88	4.6	1.33
357	9/25/2007 03:01	14.82	51.354	33.75	6.79	7.88	4.7	1.19
358	9/25/2007 03:16	14.88	51.305	33.72	6.77	7.88	5.1	1.08
359	9/25/2007 03:31	14.96	51.33	33.74	6.69	7.88	4.2	0.93
360	9/25/2007 03:46	15.06	51.342	33.75	6.65	7.88	3.9	0.81
361	9/25/2007 04:01	15.17	51.354	33.76	6.62	7.88	4.1	0.71
362	9/25/2007 04:16	15.26	51.415	33.81	6.56	7.88	2.9	0.60
363	9/25/2007 04:31	15.36	51.391	33.79	6.52	7.88	3.3	0.53
364	9/25/2007 04:46	15.39	51.396	33.8	6.45	7.88	2.4	0.47
365	9/25/2007 05:01	15.48	51.456	33.84	6.32	7.87	3.5	0.42
366	9/25/2007 05:16	15.63	51.478	33.86	6.26	7.86	2.6	0.44
367	9/25/2007 05:31	15.66	51.47	33.86	6.31	7.85	2.0	0.45
368	9/25/2007 05:46	15.71	51.402	33.81	6.39	7.86	3.2	0.49
369	9/25/2007 06:01	15.74	51.492	33.87	6.74	7.89	3.6	0.58
370	9/25/2007 06:16	15.81	51.508	33.89	6.78	7.9	4.4	0.65
371	9/25/2007 06:31	15.87	51.495	33.88	6.9	7.92	4.4	0.74
372	9/25/2007 06:46	15.86	51.517	33.89	6.95	7.92	4.9	0.84
373	9/25/2007 07:01	15.86	51.558	33.92	6.97	7.92	4.6	0.93
374	9/25/2007 07:16	15.71	51.578	33.94	6.93	7.92	4.6	1.03
375	9/25/2007 07:31	15.57	51.518	33.89	6.94	7.91	5.4	1.13
376	9/25/2007 07:46	15.5	51.485	33.86	6.96	7.91	4.8	1.23
377	9/25/2007 08:01	15.53	51.469	33.85	6.96	7.91	6.9	1.34
378	9/25/2007 08:16	15.59	51.495	33.87	7.01	7.91	6.5	1.44
379	9/25/2007 08:31	15.62	51.479	33.86	7	7.91	6.6	1.55
380	9/25/2007 08:46	15.61	51.468	33.85	7.02	7.91	7.4	1.65
381	9/25/2007 09:01	15.51	51.44	33.83	7.05	7.91	8.8	1.74
382	9/25/2007 09:16	15.32	51.473	33.85	7.08	7.91	7.1	1.85
383	9/25/2007 09:31	15.22	51.38	33.78	7.11	7.91	7.9	1.94

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
384	9/25/2007 09:46	15.06	51.392	33.78	7.14	7.9	8.8	2.03
385	9/25/2007 10:01	14.62	51.46	33.82	7.19	7.89	8.5	2.12
386	9/25/2007 10:16	14.14	51.372	33.74	7.24	7.88	7.4	2.22
387	9/25/2007 10:31	13.62	51.375	33.73	7.34	7.87	6.9	2.31
388	9/25/2007 10:46	13.17	51.389	33.72	7.41	7.86	8.9	2.39
389	9/25/2007 11:01	13	51.296	33.65	7.45	7.86	5.0	2.47
390	9/25/2007 11:16	12.82	51.268	33.62	7.43	7.86	3.8	2.54
391	9/25/2007 11:31	12.62	51.3	33.63	7.4	7.85	3.0	2.59
392	9/25/2007 11:46	12.43	51.3	33.62	7.29	7.85	2.0	2.63
393	9/25/2007 12:01	12.34	51.301	33.62	7.2	7.85	1.6	2.65
394	9/25/2007 12:16	12.45	51.221	33.57	7.21	7.85	2.3	2.64
395	9/25/2007 12:31	12.49	51.278	33.61	7.11	7.85	2.6	2.61
396	9/25/2007 12:46	12.51	51.307	33.63	6.94	7.85	2.1	2.56
397	9/25/2007 13:01	12.65	51.216	33.57	7.02	7.85	3.2	2.49
398	9/25/2007 13:16	13.25	51.182	33.57	7.31	7.87	4.3	2.39
399	9/25/2007 13:31	13.53	51.265	33.64	7.43	7.88	4.7	2.29
400	9/25/2007 13:46	13.71	51.274	33.66	7.47	7.89	5.3	2.18
401	9/25/2007 14:01	14	51.27	33.66	7.53	7.9	7.3	2.07
402	9/25/2007 14:16	14.45	51.286	33.69	7.6	7.91	6.8	1.95
403	9/25/2007 14:31	14.91	51.273	33.69	7.57	7.92	7.1	1.85
404	9/25/2007 14:46	14.98	51.336	33.74	7.53	7.92	5.9	1.74
405	9/25/2007 15:01	15.14	51.363	33.76	7.62	7.93	5.0	1.63
406	9/25/2007 15:16	15.19	51.309	33.73	7.89	7.94	4.2	1.52
407	9/25/2007 15:31	15.2	51.297	33.72	7.98	7.94	3.7	1.42
408	9/25/2007 15:46	15.36	51.258	33.69	7.99	7.95	3.0	1.31
409	9/25/2007 16:01	15.47	51.331	33.75	7.94	7.95	2.9	1.22
410	9/25/2007 16:16	15.63	51.316	33.74	7.89	7.95	2.7	1.12
411	9/25/2007 16:31	15.75	51.315	33.74	7.83	7.95	3.3	1.03
412	9/25/2007 16:46	15.85	51.338	33.76	7.64	7.95	2.7	0.95
413	9/25/2007 17:01	15.93	51.319	33.75	7.49	7.94	2.4	0.88
414	9/25/2007 17:16	16	51.334	33.76	7.42	7.94	1.9	0.84
415	9/25/2007 17:31	16.13	51.37	33.79	7.35	7.93	1.8	0.83
416	9/25/2007 17:46	16.17	51.383	33.8	7.43	7.93	1.8	0.83
417	9/25/2007 18:01	16.21	51.378	33.8	7.94	7.95	2.9	0.85
418	9/25/2007 18:16	16.17	51.402	33.81	8.34	7.99	3.3	0.91
419	9/25/2007 18:31	16.22	51.358	33.78	8.37	7.99	2.4	0.98
420	9/25/2007 18:46	16.3	51.376	33.8	8.39	7.99	3.5	1.05
421	9/25/2007 19:01	16.42	51.413	33.83	8.37	8	4.6	1.15
422	9/25/2007 19:16	16.64	51.438	33.85	8.23	7.98	6.2	1.25
423	9/25/2007 19:31	16.7	51.492	33.89	8.13	7.97	6.0	1.34
424	9/25/2007 19:46	16.51	51.497	33.89	8.09	7.96	5.5	1.44
425	9/25/2007 20:01	16.35	51.47	33.87	8.13	7.96	4.6	1.53
426	9/25/2007 20:16	16.33	51.43	33.84	8.06	7.96	5.4	1.62
427	9/25/2007 20:31	16.07	51.487	33.88	7.88	7.95	4.3	1.71
428	9/25/2007 20:46	15.79	51.452	33.84	7.67	7.93	6.0	1.80
429	9/25/2007 21:01	15.59	51.413	33.81	7.61	7.93	7.9	1.89
430	9/25/2007 21:16	15.26	51.411	33.8	7.56	7.92	6.0	1.98
431	9/25/2007 21:31	14.96	51.397	33.79	7.57	7.91	9.0	2.08

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	
432	9/25/2007 21:46	14.75	51.346	33.74	7.59	7.91	8.3	2.17	
433	9/25/2007 22:01	14.4	51.349	33.73	7.6	7.9	9.6	2.26	
434	9/25/2007 22:16	13.88	51.381	33.74	7.62	7.89	7.3	2.35	
435	9/25/2007 22:31	13.24	51.508	33.81	7.63	7.87	8.0	2.43	
436	9/25/2007 22:46	12.82	51.432	33.74	7.61	7.86	5.4	2.52	
437	9/25/2007 23:01	12.69	51.29	33.63	7.57	7.86	3.2	2.60	
438	9/25/2007 23:16	12.51	51.271	33.61	7.55	7.86	2.4	2.66	
439	9/25/2007 23:31	12.37	51.313	33.63	7.55	7.85	1.3	2.72	
440	9/25/2007 23:46	12.35	51.271	33.6	7.46	7.85	1.0	2.75	
441	9/26/2007 00:01	12.38	51.276	33.6	7.31	7.85	1.9	2.77	
442	9/26/2007 00:16	12.54	51.237	33.58	7.31	7.85	1.4	2.76	
443	9/26/2007 00:31	12.59	51.281	33.62	7.21	7.85	1.0	2.72	
444	9/26/2007 00:46	12.65	51.274	33.61	7.1	7.86	1.3	2.66	
445	9/26/2007 01:01	12.71	51.305	33.64	7.11	7.86	2.2	2.58	
446	9/26/2007 01:16	12.97	51.293	33.64	7.16	7.86	5.4	2.48	
447	9/26/2007 01:31	12.99	51.343	33.68	7.15	7.86	5.0	2.36	
448	9/26/2007 01:46	13.13	51.292	33.65	7.15	7.86	5.2	2.25	
449	9/26/2007 02:01	13.69	51.253	33.64	7.1	7.87	5.4	2.13	
450	9/26/2007 02:16	14.3	51.229	33.64	7.04	7.88	5.9	2.01	
451	9/26/2007 02:31	14.65	51.348	33.74	7.03	7.89	5.7	1.88	
452	9/26/2007 02:46	14.68	51.341	33.74	7.05	7.89	5.7	1.76	
453	9/26/2007 03:01	14.4	51.391	33.76	7.08	7.89	5.4	1.63	
454	9/26/2007 03:16	14.3	51.369	33.75	7.13	7.88	5.4	1.49	
455	9/26/2007 03:31	14.25	51.384	33.76	7.12	7.88	5.5	1.36	
456	9/26/2007 03:46	14.3	51.371	33.75	7.08	7.88	4.8	1.24	
457	9/26/2007 04:01	14.36	51.384	33.76	7.01	7.88	4.5	1.12	
458	9/26/2007 04:16	14.45	51.404	33.78	6.95	7.88	3.4	0.98	
459	9/26/2007 04:31	14.53	51.413	33.79	6.89	7.88	3.2	0.86	
460	9/26/2007 04:46	14.64	51.407	33.78	6.86	7.88	2.6	0.74	
461	9/26/2007 05:01	14.81	51.386	33.77	6.81	7.88	2.1	0.66	
462	9/26/2007 05:16	14.88	51.45	33.82	6.79	7.88	3.6	0.58	
463	9/26/2007 05:31	15.03	51.391	33.78	6.71	7.88	3.6	0.51	
464	9/26/2007 05:46	15.2	51.368	33.77	6.64	7.88	2.2	0.49	
465	9/26/2007 06:01	15.3	51.457	33.84	6.59	7.88	1.9	0.52	
466	9/26/2007 06:16	15.31	51.504	33.87	6.7	7.88	3.1	0.54	
467	9/26/2007 06:31	15.46	51.483	33.86	6.92	7.89	2.9	0.59	
468	9/26/2007 06:46	15.6	51.433	33.83	7.16	7.91	3.8	0.67	
469	9/26/2007 07:01	15.63	51.546	33.91	7.26	7.92	4.3	0.78	
470	9/26/2007 07:16	15.63	51.565	33.92	7.33	7.93	7.7	0.87	
471	9/26/2007 07:31	15.61	51.575	33.93	7.32	7.93	5.1	0.96	
472	9/26/2007 07:46	15.46	51.583	33.93	7.3	7.93	4.3	1.08	
473	9/26/2007 08:01	15.25	51.522	33.88	7.26	7.92	5.0	1.19	
474	9/26/2007 08:16	15.18	51.487	33.86	7.3	7.92	5.6	1.29	
475	9/26/2007 08:31	15.24	51.491	33.86	7.29	7.92	6.0	1.39	
476	9/26/2007 08:46	15.29	51.503	33.87	7.25	7.92	5.4	1.50	
477	9/26/2007 09:01	15.28	51.483	33.86	7.22	7.91	6.5	1.62	
478	9/26/2007 09:16	15.23	51.497	33.87	7.2	7.91	7.6	1.72	
479	9/26/2007 09:31	15.06	51.482	33.85	7.18	7.9	8.5	1.82	

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
480	9/26/2007 09:46	14.84	51.468	33.83	7.16	7.89	7.2	1.92
481	9/26/2007 10:01	14.68	51.37	33.76	7.17	7.89	8.4	2.03
482	9/26/2007 10:16	14.18	51.543	33.87	7.25	7.88	9.7	2.13
483	9/26/2007 10:31	13.69	51.495	33.82	7.32	7.87	9.0	2.24
484	9/26/2007 10:46	13	51.442	33.75	7.42	7.86	8.6	2.34
485	9/26/2007 11:01	12.69	51.358	33.68	7.45	7.86	9.1	2.44
486	9/26/2007 11:16	12.45	51.366	33.67	7.51	7.85	8.5	2.53
487	9/26/2007 11:31	12.16	51.414	33.69	7.47	7.85	5.7	2.62
488	9/26/2007 11:46	11.85	51.4	33.67	7.41	7.83	4.3	2.70
489	9/26/2007 12:01	11.62	51.383	33.64	7.33	7.83	1.9	2.77
490	9/26/2007 12:16	11.5	51.385	33.64	7.21	7.82	1.8	2.82
491	9/26/2007 12:31	11.44	51.372	33.63	7.09	7.82	1.8	2.83
492	9/26/2007 12:46	11.59	51.296	33.58	7.1	7.82	2.4	2.83
493	9/26/2007 13:01	11.63	51.359	33.63	7.09	7.83	1.8	2.81
494	9/26/2007 13:16	11.67	51.348	33.62	6.97	7.83	1.3	2.75
495	9/26/2007 13:31	11.68	51.391	33.65	6.93	7.84	2.4	2.66
496	9/26/2007 13:46	12.37	51.289	33.61	7.34	7.86	4.1	2.56
497	9/26/2007 14:01	12.77	51.321	33.65	7.57	7.88	5.4	2.45
498	9/26/2007 14:16	12.94	51.326	33.67	7.76	7.89	16.3	2.32
499	9/26/2007 14:31	13.49	51.252	33.63	7.69	7.9	7.1	2.20
500	9/26/2007 14:46	13.88	51.34	33.71	7.62	7.9	6.5	2.07
501	9/26/2007 15:01	14.23	51.328	33.71	7.62	7.91	6.1	1.95
502	9/26/2007 15:16	14.47	51.311	33.71	7.64	7.91	5.5	1.83
503	9/26/2007 15:31	14.58	51.354	33.74	7.82	7.92	4.8	1.69
504	9/26/2007 15:46	14.55	51.373	33.76	7.95	7.93	3.8	1.57
505	9/26/2007 16:01	14.59	51.285	33.69	8.14	7.94	4.6	1.45
506	9/26/2007 16:16	14.71	51.237	33.66	8.19	7.95	3.4	1.33
507	9/26/2007 16:31	14.94	51.331	33.74	8.26	7.95	3.6	1.20
508	9/26/2007 16:46	15.26	51.229	33.67	8.36	7.97	4.6	1.08
509	9/26/2007 17:01	15.4	51.331	33.75	8.12	7.95	3.6	0.96
510	9/26/2007 17:16	15.48	51.366	33.77	7.92	7.95	2.9	0.85
511	9/26/2007 17:31	15.62	51.344	33.76	7.92	7.95	3.1	0.74
512	9/26/2007 17:46	15.78	51.304	33.74	7.84	7.96	2.5	0.67
513	9/26/2007 18:01	15.84	51.357	33.78	7.74	7.95	2.5	0.61
514	9/26/2007 18:16	15.9	51.374	33.79	7.71	7.94	1.8	0.59
515	9/26/2007 18:31	15.96	51.406	33.81	7.76	7.95	1.9	0.58
516	9/26/2007 18:46	16	51.368	33.79	8.06	7.95	2.7	0.62
517	9/26/2007 19:01	16.14	51.403	33.81	8.29	7.98	3.6	0.67
518	9/26/2007 19:16	16.33	51.4	33.82	8.52	7.99	3.5	0.74
519	9/26/2007 19:31	16.61	51.513	33.9	8.77	8.02	4.6	0.84
520	9/26/2007 19:46	16.66	51.56	33.94	8.86	8.03	4.9	0.93
521	9/26/2007 20:01	16.89	51.492	33.89	8.47	8	8.2	1.04
522	9/26/2007 20:16	16.77	51.603	33.97	8.36	7.99	5.2	1.14
523	9/26/2007 20:31	16.5	51.536	33.92	8.3	7.98	4.6	1.25
524	9/26/2007 20:46	16.38	51.482	33.88	8.34	7.98	5.7	1.36
525	9/26/2007 21:01	16.36	51.505	33.89	8.36	7.98	4.4	1.46
526	9/26/2007 21:16	16.15	51.524	33.9	8.21	7.97	6.1	1.55
527	9/26/2007 21:31	15.88	51.505	33.88	7.96	7.95	6.5	1.66

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
528	9/26/2007 21:46	15.75	51.448	33.84	7.85	7.94	8.2	1.76
529	9/26/2007 22:01	15.4	51.445	33.83	7.79	7.93	6.5	1.85
530	9/26/2007 22:16	15.11	51.456	33.83	7.72	7.91	6.7	1.94
531	9/26/2007 22:31	14.92	51.426	33.81	7.7	7.91	8.0	2.04
532	9/26/2007 22:46	14.44	51.535	33.87	7.69	7.9	8.5	2.14
533	9/26/2007 23:01	14.03	51.47	33.81	7.63	7.89	6.5	2.23
534	9/26/2007 23:16	13.34	51.432	33.76	7.65	7.87	5.6	2.33
535	9/26/2007 23:31	12.83	51.418	33.73	7.65	7.86	5.9	2.42
536	9/26/2007 23:46	12.68	51.356	33.68	7.59	7.86	5.7	2.51
537	9/27/2007 00:01	12.55	51.406	33.71	7.52	7.85	3.4	2.58
538	9/27/2007 00:16	12.33	51.453	33.73	7.46	7.84	2.5	2.65
539	9/27/2007 00:31	12.14	51.423	33.7	7.34	7.84	1.9	2.70
540	9/27/2007 00:46	11.92	51.456	33.71	7.22	7.83	1.5	2.73
541	9/27/2007 01:01	11.92	51.451	33.71	7.12	7.83	2.4	2.73
542	9/27/2007 01:16	12.05	51.352	33.64	7	7.83	1.7	2.72
543	9/27/2007 01:31	12.05	51.383	33.67	7	7.83	1.0	2.68
544	9/27/2007 01:46	12.13	51.348	33.64	6.97	7.86	1.4	2.61
545	9/27/2007 02:01	12.51	51.376	33.68	7.1	7.85	3.7	2.51
546	9/27/2007 02:16	12.77	51.316	33.65	7.17	7.86	4.7	2.40
547	9/27/2007 02:31	12.82	51.386	33.7	7.2	7.86	5.5	2.29
548	9/27/2007 02:46	13.03	51.36	33.69	7.19	7.86	5.6	2.16
549	9/27/2007 03:01	13.71	51.345	33.71	7.17	7.87	7.4	2.04
550	9/27/2007 03:16	14.17	51.285	33.68	7.15	7.88	6.2	1.92
551	9/27/2007 03:31	14.3	51.374	33.75	7.15	7.88	4.7	1.80
552	9/27/2007 03:46	14.35	51.432	33.79	7.13	7.89	4.7	1.67
553	9/27/2007 04:01	14.2	51.337	33.72	7.18	7.89	4.7	1.55
554	9/27/2007 04:16	14.17	51.4	33.76	7.22	7.88	5.0	1.43
555	9/27/2007 04:31	14.29	51.413	33.78	7.22	7.89	4.6	1.31
556	9/27/2007 04:46	14.31	51.385	33.76	7.18	7.88	4.8	1.19
557	9/27/2007 05:01	14.44	51.396	33.77	7.14	7.88	4.8	1.07
558	9/27/2007 05:16	14.57	51.409	33.78	7.1	7.88	4.1	0.96
559	9/27/2007 05:31	14.64	51.406	33.78	7.06	7.88	3.0	0.85
560	9/27/2007 05:46	14.7	51.439	33.81	6.99	7.88	2.3	0.77
561	9/27/2007 06:01	14.78	51.44	33.81	6.95	7.88	2.1	0.71
562	9/27/2007 06:16	14.87	51.38	33.77	6.93	7.88	1.9	0.66
563	9/27/2007 06:31	15.16	51.247	33.68	6.81	7.88	1.8	0.66
564	9/27/2007 06:46	15.2	51.445	33.83	6.74	7.88	1.8	0.66
565	9/27/2007 07:01	15.4	51.275	33.71	6.76	7.88	2.1	0.71
566	9/27/2007 07:16	15.4	51.478	33.86	6.99	7.9	3.2	0.77
567	9/27/2007 07:31	15.65	51.468	33.85	7.32	7.93	3.9	0.86
568	9/27/2007 07:46	15.71	51.56	33.92	7.41	7.94	4.6	0.96
569	9/27/2007 08:01	15.67	51.561	33.92	7.46	7.94	5.2	1.06
570	9/27/2007 08:16	15.54	51.634	33.97	7.44	7.93	5.4	1.18
571	9/27/2007 08:31	15.27	51.531	33.89	7.42	7.92	6.2	1.28
572	9/27/2007 08:46	15.2	51.479	33.85	7.4	7.91	13.9	1.39
573	9/27/2007 09:01	15.22	51.466	33.84	7.35	7.91	5.5	1.49
574	9/27/2007 09:16	15.15	51.466	33.84	7.33	7.91	6.2	1.60
575	9/27/2007 09:31	15.04	51.478	33.85	7.3	7.9	6.5	1.71

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
576	9/27/2007 09:46	14.93	51.44	33.82	7.3	7.89	8.0	1.81
577	9/27/2007 10:01	14.65	51.421	33.79	7.27	7.88	7.1	1.92
578	9/27/2007 10:16	14.39	51.455	33.81	7.3	7.88	9.5	2.02
579	9/27/2007 10:31	14.15	51.441	33.79	7.28	7.87	9.3	2.13
580	9/27/2007 10:46	13.56	51.484	33.81	7.26	7.86	12.4	2.24
581	9/27/2007 11:01	12.84	51.5	33.79	7.2	7.83	7.2	2.35
582	9/27/2007 11:16	12.28	51.456	33.73	7.14	7.82	7.1	2.46
583	9/27/2007 11:31	12.04	51.443	33.71	7.08	7.81	6.4	2.57
584	9/27/2007 11:46	11.84	51.463	33.71	7.01	7.81	5.4	2.67
585	9/27/2007 12:01	11.6	51.427	33.68	6.92	7.8	4.1	2.76
586	9/27/2007 12:16	11.29	51.519	33.72	6.83	7.79	2.6	2.84
587	9/27/2007 12:31	11.13	51.505	33.71	6.78	7.78	1.8	2.91
588	9/27/2007 12:46	10.97	51.56	33.74	6.67	7.78	1.4	2.95
589	9/27/2007 13:01	10.91	51.481	33.67	6.57	7.78	0.5	2.98
590	9/27/2007 13:16	11.09	51.319	33.57	6.67	7.78	1.8	2.99
591	9/27/2007 13:31	11.19	51.445	33.67	6.58	7.79	2.1	2.96
Mean		15.12	51.26	33.68	7.00	7.89	3.7	1.72
Standard Dev.		1.36	0.21	0.16	0.58	0.04	2.7	0.65

Values in bold red type indicate exceedance of established applicable criteria

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	9/27/2007 13:46	11.82	50.866	33.28	9.84	7.96		2.90
1	9/27/2007 14:01	12.32	50.861	33.3	9.83	8.02		2.82
2	9/27/2007 14:16	12.48	50.762	33.23	9.86	8.04	13.0	2.72
3	9/27/2007 14:31	12.28	50.897	33.32	10.15	8.05	10.0	2.60
4	9/27/2007 14:46	12.41	50.678	33.17	10.34	8.06	8.0	2.47
5	9/27/2007 15:01	12.6	50.636	33.15	10.54	8.08	9.9	2.34
6	9/27/2007 15:16	13	50.533	33.09	10.57	8.1	8.5	2.20
7	9/27/2007 15:31	13.19	50.603	33.15	10.6	8.11	9.7	2.05
8	9/27/2007 15:46	13.39	50.641	33.18	10.64	8.12	8.8	1.92
9	9/27/2007 16:01	13.8	50.501	33.09	10.67	8.14	7.9	1.78
10	9/27/2007 16:16	13.76	50.601	33.17	10.59	8.14	7.9	1.62
11	9/27/2007 16:31	13.88	50.526	33.12	10.63	8.15	9.7	1.48
12	9/27/2007 16:46	14.03	50.591	33.17	10.62	8.16	8.1	1.35
13	9/27/2007 17:01	14.32	50.464	33.08	10.68	8.17	9.5	1.19
14	9/27/2007 17:16	14.56	50.513	33.13	10.66	8.18	8.3	1.05
15	9/27/2007 17:31	14.81	50.491	33.12	10.73	8.2	9.3	0.92
16	9/27/2007 17:46	14.82	50.627	33.22	10.67	8.2	7.9	0.77
17	9/27/2007 18:01	15.08	50.582	33.19	10.43	8.21	5.2	0.64
18	9/27/2007 18:16	15.3	50.546	33.17	10.26	8.21	5.6	0.53
19	9/27/2007 18:31	15.53	50.58	33.2	10.15	8.21	4.8	0.43
20	9/27/2007 18:46	15.7	50.619	33.23	10.08	8.22	3.9	0.38
21	9/27/2007 19:01	15.76	50.651	33.26	9.95	8.22	3.6	0.34
22	9/27/2007 19:16	15.8	50.665	33.27	9.84	8.22	3.2	0.33
23	9/27/2007 19:31	15.92	50.665	33.27	9.93	8.24	4.4	0.38
24	9/27/2007 19:46	16.01	50.659	33.27	9.94	8.25	5.0	0.44
25	9/27/2007 20:01	16.13	50.653	33.26	10.16	8.28	5.4	0.52
26	9/27/2007 20:16	16.38	50.699	33.3	10.46	8.32	6.1	0.62
27	9/27/2007 20:31	16.37	50.791	33.37	10.57	8.34	6.3	0.72
28	9/27/2007 20:46	16.47	50.731	33.33	10.37	8.34	7.7	0.83
29	9/27/2007 21:01	16.46	50.78	33.36	10.28	8.33	7.0	0.93
30	9/27/2007 21:16	16.27	50.827	33.39	10.25	8.33	6.0	1.02
31	9/27/2007 21:31	16.04	50.782	33.36	10.23	8.33	6.6	1.14
32	9/27/2007 21:46	16.05	50.727	33.32	10.24	8.33	6.9	1.26
33	9/27/2007 22:01	15.99	50.771	33.35	10.23	8.33	6.6	1.35
34	9/27/2007 22:16	15.79	50.766	33.34	10.1	8.32	6.8	1.46
35	9/27/2007 22:31	15.59	50.739	33.32	9.98	8.3	7.6	1.57
36	9/27/2007 22:46	15.44	50.708	33.29	9.91	8.29	7.4	1.67
37	9/27/2007 23:01	15.1	50.711	33.29	9.86	8.28	8.0	1.77
38	9/27/2007 23:16	14.86	50.623	33.22	9.83	8.27	8.8	1.88
39	9/27/2007 23:31	14.6	50.671	33.24	9.82	8.26	9.2	1.97
40	9/27/2007 23:46	14.08	50.645	33.21	9.81	8.24	9.1	2.07
41	9/28/2007 00:01	13.56	50.739	33.26	9.79	8.22	8.2	2.16
42	9/28/2007 00:16	12.92	50.721	33.22	9.77	8.2	8.6	2.26
43	9/28/2007 00:31	12.68	50.631	33.15	9.75	8.18	7.4	2.34
44	9/28/2007 00:46	12.44	50.645	33.15	9.78	8.16	6.0	2.43
45	9/28/2007 01:01	12.25	50.653	33.14	9.82	8.14	5.5	2.51
46	9/28/2007 01:16	12.03	50.676	33.15	9.8	8.14	4.7	2.57
47	9/28/2007 01:31	11.87	50.675	33.14	9.74	8.14	3.9	2.62

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
48	9/28/2007 01:46	11.83	50.636	33.11	9.66	8.14	2.5	2.64
49	9/28/2007 02:01	11.91	50.594	33.08	9.49	8.13	3.0	2.64
50	9/28/2007 02:16	11.99	50.581	33.08	9.38	8.13	2.5	2.62
51	9/28/2007 02:31	12.04	50.703	33.17	9.33	8.14	3.1	2.56
52	9/28/2007 02:46	12.15	50.698	33.17	9.33	8.16	4.2	2.48
53	9/28/2007 03:01	12.77	50.621	33.14	9.37	8.17	6.5	2.39
54	9/28/2007 03:16	12.92	50.6	33.13	9.35	8.18	6.6	2.28
55	9/28/2007 03:31	12.97	50.637	33.16	9.35	8.19	6.4	2.17
56	9/28/2007 03:46	13.21	50.568	33.12	9.35	8.19	7.5	2.03
57	9/28/2007 04:01	13.7	50.572	33.14	9.24	8.2	7.0	1.92
58	9/28/2007 04:16	13.97	50.582	33.16	9.21	8.21	7.1	1.82
59	9/28/2007 04:31	14.05	50.61	33.18	9.2	8.22	6.0	1.70
60	9/28/2007 04:46	14.11	50.632	33.2	9.17	8.22	5.6	1.59
61	9/28/2007 05:01	14.01	50.657	33.22	9.17	8.21	5.5	1.49
62	9/28/2007 05:16	14.03	50.621	33.19	9.21	8.22	6.0	1.38
63	9/28/2007 05:31	14.12	50.648	33.21	9.18	8.22	5.5	1.27
64	9/28/2007 05:46	14.23	50.661	33.23	9.15	8.22	5.4	1.18
65	9/28/2007 06:01	14.34	50.642	33.21	9.1	8.22	5.4	1.10
66	9/28/2007 06:16	14.45	50.659	33.23	9.02	8.22	4.8	1.00
67	9/28/2007 06:31	14.55	50.668	33.24	8.93	8.22	3.7	0.92
68	9/28/2007 06:46	14.63	50.668	33.24	8.86	8.22	3.6	0.88
69	9/28/2007 07:01	14.74	50.681	33.25	8.79	8.22	3.3	0.85
70	9/28/2007 07:16	14.87	50.71	33.28	8.69	8.22	3.0	0.84
71	9/28/2007 07:31	15.04	50.718	33.29	8.6	8.21	2.9	0.86
72	9/28/2007 07:46	15.17	50.745	33.31	8.64	8.22	3.2	0.91
73	9/28/2007 08:01	15.37	50.689	33.28	8.93	8.24	4.7	0.97
74	9/28/2007 08:16	15.61	50.752	33.33	9.06	8.26	5.7	1.05
75	9/28/2007 08:31	15.55	50.805	33.36	9.12	8.27	6.0	1.16
76	9/28/2007 08:46	15.48	50.809	33.37	9.03	8.26	6.6	1.27
77	9/28/2007 09:01	15.38	50.775	33.34	8.98	8.25	6.3	1.37
78	9/28/2007 09:16	15.1	50.783	33.34	9.02	8.24	6.1	1.47
79	9/28/2007 09:31	15.05	50.737	33.3	9.01	8.23	6.2	1.57
80	9/28/2007 09:46	14.83	50.792	33.34	9.06	8.23	6.6	1.69
81	9/28/2007 10:01	14.55	50.752	33.3	9.1	8.22	6.1	1.79
82	9/28/2007 10:16	14.43	50.732	33.28	9.17	8.22	7.7	1.87
83	9/28/2007 10:31	14.26	50.71	33.26	9.18	8.22	7.4	1.97
84	9/28/2007 10:46	13.88	50.758	33.28	9.21	8.21	9.8	2.08
85	9/28/2007 11:01	13.61	50.692	33.23	9.25	8.2	9.1	2.18
86	9/28/2007 11:16	13.13	50.721	33.23	9.26	8.2	9.2	2.30
87	9/28/2007 11:31	12.43	50.746	33.22	9.3	8.18	8.3	2.42
88	9/28/2007 11:46	11.87	50.757	33.2	9.33	8.17	9.1	2.53
89	9/28/2007 12:01	11.6	50.692	33.14	9.38	8.16	7.1	2.64
90	9/28/2007 12:16	11.5	50.68	33.13	9.38	8.15	6.0	2.75
91	9/28/2007 12:31	11.46	50.675	33.12	9.4	8.15	5.7	2.85
92	9/28/2007 12:46	11.38	50.704	33.14	9.42	8.15	4.3	2.93
93	9/28/2007 13:01	11.31	50.707	33.13	9.42	8.15	3.4	3.00
94	9/28/2007 13:16	11.22	50.713	33.13	9.41	8.15	2.6	3.06
95	9/28/2007 13:31	11.2	50.684	33.11	9.39	8.14	2.5	3.09

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
96	9/28/2007 13:46	11.19	50.69	33.12	9.26	8.14	2.5	3.10
97	9/28/2007 14:01	11.26	50.668	33.1	9.28	8.14	2.9	3.08
98	9/28/2007 14:16	11.3	50.705	33.13	9.13	8.14	2.4	3.04
99	9/28/2007 14:31	11.35	50.77	33.18	9.07	8.14	3.0	2.96
100	9/28/2007 14:46	11.5	50.761	33.18	9.23	8.16	4.1	2.85
101	9/28/2007 15:01	11.77	50.711	33.16	9.42	8.18	5.4	2.73
102	9/28/2007 15:16	12.11	50.612	33.11	9.5	8.19	7.8	2.60
103	9/28/2007 15:31	12.28	50.637	33.13	9.37	8.19	6.9	2.46
104	9/28/2007 15:46	12.34	50.721	33.2	9.25	8.18	6.9	2.33
105	9/28/2007 16:01	12.66	50.626	33.14	9.22	8.19	7.2	2.19
106	9/28/2007 16:16	12.88	50.638	33.16	9.27	8.19	8.0	2.05
107	9/28/2007 16:31	13.11	50.635	33.17	9.26	8.2	7.3	1.90
108	9/28/2007 16:46	13.41	50.679	33.21	9.26	8.21	8.3	1.75
109	9/28/2007 17:01	13.46	50.713	33.24	9.23	8.21	8.5	1.62
110	9/28/2007 17:16	13.37	50.723	33.24	9.07	8.21	7.4	1.46
111	9/28/2007 17:31	13.44	50.75	33.26	9.2	8.21	12.7	1.31
112	9/28/2007 17:46	13.76	50.66	33.21	9.2	8.21	17.7	1.16
113	9/28/2007 18:01	14.01	50.648	33.21	9.17	8.22	20.4	1.01
114	9/28/2007 18:16	14.24	50.612	33.19	9.11	8.22	19.7	0.86
115	9/28/2007 18:31	14.29	50.758	33.3	9.18	8.23	18.3	0.70
116	9/28/2007 18:46	14.48	50.739	33.29	9.09	8.23	17.4	0.55
117	9/28/2007 19:01	14.66	50.727	33.29	9.04	8.23	11.2	0.43
118	9/28/2007 19:16	14.76	50.769	33.32	8.98	8.23	10.1	0.32
119	9/28/2007 19:31	14.9	50.722	33.29	8.91	8.23	8.0	0.24
120	9/28/2007 19:46	15.02	50.789	33.34	8.8	8.22	7.0	0.17
121	9/28/2007 20:01	15.14	50.798	33.35	8.64	8.22	5.6	0.20
122	9/28/2007 20:16	15.13	50.821	33.37	8.45	8.2	5.7	0.22
123	9/28/2007 20:31	15.34	50.651	33.25	8.61	8.21	8.3	0.29
124	9/28/2007 20:46	15.5	50.769	33.34	8.81	8.23	8.5	0.41
125	9/28/2007 21:01	15.75	50.835	33.39	8.84	8.24	13.2	0.50
126	9/28/2007 21:16	15.95	50.882	33.43	8.8	8.25	11.6	0.59
127	9/28/2007 21:31	16.01	50.907	33.45	8.77	8.24	10.1	0.69
128	9/28/2007 21:46	16.05	50.862	33.42	8.75	8.23	14.3	0.80
129	9/28/2007 22:01	16.04	50.887	33.43	8.73	8.23	9.9	0.88
130	9/28/2007 22:16	15.88	50.919	33.45	8.8	8.23	8.8	0.98
131	9/28/2007 22:31	15.78	50.899	33.44	8.78	8.23	9.9	1.10
132	9/28/2007 22:46	15.65	50.927	33.46	8.85	8.23	9.1	1.20
133	9/28/2007 23:01	15.55	50.894	33.43	8.89	8.23	9.7	1.31
134	9/28/2007 23:16	15.47	50.898	33.43	8.93	8.23	12.0	1.41
135	9/28/2007 23:31	15.31	50.917	33.44	9.02	8.23	11.4	1.53
136	9/28/2007 23:46	15.17	50.901	33.43	9.16	8.24	13.3	1.63
137	9/29/2007 00:01	14.99	50.909	33.43	9.2	8.24	18.0	1.73
138	9/29/2007 00:16	14.76	50.931	33.44	9.22	8.24	13.8	1.83
139	9/29/2007 00:31	14.59	50.883	33.4	9.22	8.23	16.3	1.92
140	9/29/2007 00:46	14.19	50.91	33.41	9.27	8.22	17.6	2.01
141	9/29/2007 01:01	13.87	50.894	33.38	9.27	8.21	13.2	2.10
142	9/29/2007 01:16	13.38	50.881	33.36	9.46	8.22	9.9	2.19
143	9/29/2007 01:31	13.1	50.889	33.35	9.54	8.22	7.6	2.27

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
144	9/29/2007 01:46	12.91	50.895	33.35	9.51	8.21	6.7	2.35
145	9/29/2007 02:01	12.8	50.882	33.34	9.44	8.21	5.0	2.41
146	9/29/2007 02:16	12.71	50.885	33.33	9.39	8.21	3.8	2.47
147	9/29/2007 02:31	12.63	50.866	33.32	9.31	8.2	2.9	2.51
148	9/29/2007 02:46	12.54	50.894	33.33	9.19	8.19	3.5	2.53
149	9/29/2007 03:01	12.6	50.856	33.31	8.97	8.18	3.6	2.51
150	9/29/2007 03:16	12.62	50.867	33.32	8.86	8.18	3.1	2.49
151	9/29/2007 03:31	12.65	50.909	33.35	8.71	8.17	3.9	2.43
152	9/29/2007 03:46	12.78	50.969	33.4	8.7	8.17	5.5	2.36
153	9/29/2007 04:01	13.08	50.894	33.35	8.75	8.17	8.4	2.26
154	9/29/2007 04:16	13.09	50.961	33.4	8.89	8.18	10.0	2.16
155	9/29/2007 04:31	13.06	50.949	33.39	8.96	8.18	10.4	2.05
156	9/29/2007 04:46	13.08	50.959	33.4	8.94	8.18	8.5	1.96
157	9/29/2007 05:01	13.25	50.923	33.38	8.82	8.18	7.8	1.85
158	9/29/2007 05:16	13.45	50.944	33.41	8.65	8.17	6.9	1.75
159	9/29/2007 05:31	13.75	50.933	33.41	8.58	8.17	7.5	1.66
160	9/29/2007 05:46	13.81	50.954	33.43	8.62	8.16	6.9	1.56
161	9/29/2007 06:01	13.7	50.973	33.44	8.77	8.16	8.5	1.46
162	9/29/2007 06:16	13.71	50.98	33.44	8.75	8.16	7.1	1.38
163	9/29/2007 06:31	13.72	50.978	33.44	8.68	8.16	7.1	1.29
164	9/29/2007 06:46	13.74	50.995	33.45	8.59	8.16	6.5	1.21
165	9/29/2007 07:01	13.78	50.986	33.45	8.5	8.16	5.0	1.14
166	9/29/2007 07:16	13.8	50.99	33.45	8.42	8.16	4.7	1.08
167	9/29/2007 07:31	13.83	50.991	33.45	8.39	8.16	4.6	1.05
168	9/29/2007 07:46	13.92	50.98	33.45	8.26	8.15	4.1	1.04
169	9/29/2007 08:01	13.96	51.011	33.47	8.2	8.14	3.5	1.04
170	9/29/2007 08:16	14.01	51.003	33.47	8.11	8.14	3.3	1.07
171	9/29/2007 08:31	14.2	50.946	33.43	8.22	8.15	4.6	1.12
172	9/29/2007 08:46	14.36	50.943	33.44	8.31	8.16	6.5	1.19
173	9/29/2007 09:01	14.42	51.046	33.51	8.43	8.17	8.0	1.27
174	9/29/2007 09:16	14.41	51.058	33.52	8.44	8.18	7.6	1.36
175	9/29/2007 09:31	14.36	51.071	33.53	8.53	8.18	8.9	1.46
176	9/29/2007 09:46	14.19	51.111	33.55	8.63	8.18	8.3	1.55
177	9/29/2007 10:01	14.08	51.075	33.52	8.71	8.18	8.5	1.65
178	9/29/2007 10:16	14.06	51.034	33.49	8.71	8.18	7.3	1.74
179	9/29/2007 10:31	13.94	51.083	33.52	8.8	8.19	9.0	1.84
180	9/29/2007 10:46	13.81	51.06	33.5	8.88	8.19	11.5	1.93
181	9/29/2007 11:01	13.75	51.055	33.5	8.97	8.2	10.8	2.02
182	9/29/2007 11:16	13.49	51.098	33.52	9.04	8.2	10.2	2.12
183	9/29/2007 11:31	13.25	51.079	33.5	9.11	8.2	13.0	2.22
184	9/29/2007 11:46	13.02	51.066	33.48	9.15	8.2	9.5	2.33
185	9/29/2007 12:01	12.58	51.084	33.47	9.25	8.2	9.4	2.44
186	9/29/2007 12:16	12.02	51.106	33.46	9.38	8.2	8.2	2.54
187	9/29/2007 12:31	11.64	51.074	33.42	9.52	8.21	9.1	2.65
188	9/29/2007 12:46	11.49	51.077	33.41	9.61	8.22	8.2	2.75
189	9/29/2007 13:01	11.43	51.031	33.38	9.66	8.22	6.7	2.85
190	9/29/2007 13:16	11.4	51.026	33.37	9.65	8.22	5.8	2.93
191	9/29/2007 13:31	11.38	51.032	33.38	9.65	8.22	5.1	3.00

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
192	9/29/2007 13:46	11.36	51.036	33.38	9.63	8.22	3.9	3.07
193	9/29/2007 14:01	11.34	51.042	33.38	9.58	8.22	3.8	3.10
194	9/29/2007 14:16	11.35	51.019	33.36	9.54	8.22	3.6	3.13
195	9/29/2007 14:31	11.41	51.018	33.37	9.39	8.22	3.0	3.12
196	9/29/2007 14:46	11.52	51.04	33.39	9.31	8.21	3.0	3.08
197	9/29/2007 15:01	11.56	51.063	33.41	9.15	8.21	3.1	3.03
198	9/29/2007 15:16	11.69	51.044	33.4	9.25	8.21	3.8	2.94
199	9/29/2007 15:31	11.75	51.06	33.42	9.29	8.22	3.6	2.84
200	9/29/2007 15:46	11.96	51.031	33.4	9.45	8.22	4.5	2.72
201	9/29/2007 16:01	12.1	51.015	33.4	9.43	8.23	5.7	2.60
202	9/29/2007 16:16	12.34	51.062	33.45	9.35	8.23	9.0	2.47
203	9/29/2007 16:31	12.55	51.04	33.44	9.36	8.23	7.9	2.32
204	9/29/2007 16:46	12.79	50.989	33.41	9.29	8.23	6.9	2.20
205	9/29/2007 17:01	12.94	51.038	33.45	9.34	8.23	6.2	2.06
206	9/29/2007 17:16	13.26	51.027	33.46	9.33	8.24	6.5	1.92
207	9/29/2007 17:31	13.25	51.102	33.51	9.28	8.24	6.5	1.76
208	9/29/2007 17:46	13.26	51.065	33.49	9.3	8.24	5.6	1.61
209	9/29/2007 18:01	13.28	51.071	33.49	9.47	8.25	6.3	1.47
210	9/29/2007 18:16	13.47	51.074	33.5	9.47	8.25	7.3	1.31
211	9/29/2007 18:31	13.78	51.059	33.5	9.43	8.26	9.3	1.17
212	9/29/2007 18:46	13.96	51.036	33.49	9.27	8.25	8.2	0.99
213	9/29/2007 19:01	14.08	51.065	33.52	9.25	8.25	8.0	0.85
214	9/29/2007 19:16	14.1	51.104	33.55	9.13	8.24	7.0	0.70
215	9/29/2007 19:31	14.31	51.068	33.53	8.96	8.23	6.8	0.53
216	9/29/2007 19:46	14.42	51.079	33.54	8.82	8.22	7.1	0.42
217	9/29/2007 20:01	14.5	51.115	33.57	8.81	8.22	5.4	0.30
218	9/29/2007 20:16	14.59	51.117	33.57	8.69	8.21	4.4	0.21
219	9/29/2007 20:31	14.78	51.083	33.55	8.6	8.21	4.9	0.15
220	9/29/2007 20:46	14.93	51.152	33.6	8.5	8.2	10.7	0.14
221	9/29/2007 21:01	14.96	51.13	33.59	8.41	8.2	5.9	0.19
222	9/29/2007 21:16	15.03	51.147	33.6	8.57	8.23	4.7	0.26
223	9/29/2007 21:31	15.28	51.088	33.57	8.99	8.25	6.9	0.34
224	9/29/2007 21:46	15.31	51.181	33.64	9.11	8.26	5.3	0.42
225	9/29/2007 22:01	15.37	51.212	33.66	9.26	8.27	9.5	0.53
226	9/29/2007 22:16	15.38	51.218	33.66	9.25	8.27	6.1	0.60
227	9/29/2007 22:31	15.41	51.136	33.6	9.21	8.25	8.3	0.68
228	9/29/2007 22:46	15.41	51.146	33.61	9.09	8.24	6.6	0.79
229	9/29/2007 23:01	15.32	51.175	33.63	9.09	8.24	5.8	0.86
230	9/29/2007 23:16	15.18	51.226	33.66	9.19	8.25	6.2	0.96
231	9/29/2007 23:31	15.09	51.197	33.64	9.18	8.25	6.3	1.06
232	9/29/2007 23:46	15.06	51.184	33.63	9.18	8.25	7.2	1.17
233	9/30/2007 00:01	15.02	51.201	33.64	9.16	8.25	6.6	1.27
234	9/30/2007 00:16	14.94	51.221	33.66	9.13	8.25	7.5	1.38
235	9/30/2007 00:31	14.89	51.199	33.64	9.07	8.24	7.0	1.48
236	9/30/2007 00:46	14.83	51.191	33.63	9.04	8.24	7.2	1.59
237	9/30/2007 01:01	14.65	51.234	33.66	9.07	8.24	8.2	1.69
238	9/30/2007 01:16	14.51	51.223	33.65	9.08	8.23	7.6	1.77
239	9/30/2007 01:31	14.4	51.179	33.61	9.08	8.23	7.0	1.86

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
240	9/30/2007 01:46	14.11	51.209	33.62	9.15	8.23	7.0	1.95
241	9/30/2007 02:01	13.73	51.259	33.65	9.22	8.23	6.8	2.02
242	9/30/2007 02:16	13.33	51.256	33.63	9.37	8.24	6.1	2.11
243	9/30/2007 02:31	13.06	51.214	33.59	9.48	8.24	5.2	2.18
244	9/30/2007 02:46	12.88	51.198	33.57	9.51	8.25	4.7	2.25
245	9/30/2007 03:01	12.77	51.202	33.57	9.49	8.25	4.4	2.30
246	9/30/2007 03:16	12.71	51.192	33.56	9.48	8.25	3.9	2.35
247	9/30/2007 03:31	12.68	51.173	33.54	9.37	8.24	3.7	2.39
248	9/30/2007 03:46	12.67	51.165	33.54	9.18	8.24	3.0	2.41
249	9/30/2007 04:01	12.83	51.076	33.48	8.96	8.22	3.1	2.41
250	9/30/2007 04:16	12.86	51.163	33.54	8.79	8.21	3.0	2.37
251	9/30/2007 04:31	12.85	51.188	33.56	8.65	8.19	3.3	2.33
252	9/30/2007 04:46	12.9	51.187	33.56	8.65	8.19	4.1	2.27
253	9/30/2007 05:01	13.09	51.206	33.58	8.61	8.19	7.0	2.17
254	9/30/2007 05:16	13.25	51.215	33.6	8.63	8.19	7.8	2.09
255	9/30/2007 05:31	13.19	51.248	33.62	8.75	8.2	7.5	1.99
256	9/30/2007 05:46	13.15	51.24	33.61	8.79	8.2	6.7	1.90
257	9/30/2007 06:01	13.19	51.221	33.6	8.7	8.2	6.1	1.82
258	9/30/2007 06:16	13.41	51.221	33.61	8.55	8.19	6.3	1.73
259	9/30/2007 06:31	13.66	51.19	33.59	8.42	8.19	5.8	1.65
260	9/30/2007 06:46	13.76	51.222	33.62	8.4	8.18	5.6	1.58
261	9/30/2007 07:01	13.77	51.238	33.63	8.42	8.19	5.2	1.50
262	9/30/2007 07:16	13.73	51.253	33.64	8.45	8.19	5.5	1.43
263	9/30/2007 07:31	13.68	51.271	33.65	8.45	8.19	4.1	1.39
264	9/30/2007 07:46	13.67	51.26	33.65	8.44	8.19	4.6	1.33
265	9/30/2007 08:01	13.67	51.26	33.65	8.38	8.18	4.1	1.28
266	9/30/2007 08:16	13.69	51.255	33.64	8.32	8.18	3.9	1.26
267	9/30/2007 08:31	13.76	51.179	33.59	8.25	8.18	3.8	1.25
268	9/30/2007 08:46	13.81	51.229	33.63	8.17	8.17	3.2	1.25
269	9/30/2007 09:01	13.88	51.258	33.65	8.1	8.16	2.8	1.28
270	9/30/2007 09:16	13.96	51.263	33.66	8.3	8.16	4.6	1.31
271	9/30/2007 09:31	14.09	51.21	33.62	8.38	8.18	4.4	1.36
272	9/30/2007 09:46	14.17	51.233	33.64	8.55	8.2	5.7	1.44
273	9/30/2007 10:01	14.17	51.262	33.66	8.64	8.21	6.4	1.52
274	9/30/2007 10:16	14.15	51.268	33.67	8.67	8.21	6.7	1.60
275	9/30/2007 10:31	14.01	51.302	33.69	8.71	8.21	8.2	1.68
276	9/30/2007 10:46	13.93	51.272	33.66	8.69	8.22	6.6	1.76
277	9/30/2007 11:01	13.87	51.278	33.66	8.71	8.21	6.5	1.85
278	9/30/2007 11:16	13.51	51.352	33.71	8.9	8.23	7.2	1.92
279	9/30/2007 11:31	13.29	51.296	33.66	9.05	8.24	7.0	2.01
280	9/30/2007 11:46	13.19	51.265	33.63	9.12	8.24	6.7	2.11
281	9/30/2007 12:01	12.99	51.266	33.62	9.19	8.25	7.1	2.20
282	9/30/2007 12:16	12.73	51.282	33.62	9.27	8.25	8.2	2.29
283	9/30/2007 12:31	12.5	51.302	33.63	9.32	8.25	5.5	2.39
284	9/30/2007 12:46	12.17	51.343	33.64	9.4	8.25	6.6	2.49
285	9/30/2007 13:01	11.77	51.347	33.63	9.56	8.26	6.2	2.59
286	9/30/2007 13:16	11.55	51.314	33.59	9.61	8.26	6.0	2.68
287	9/30/2007 13:31	11.32	51.341	33.6	9.66	8.27	4.3	2.77

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
288	9/30/2007 13:46	11.2	51.304	33.56	9.63	8.27	3.6	2.86
289	9/30/2007 14:01	11.14	51.269	33.53	9.63	8.27	3.4	2.93
290	9/30/2007 14:16	11.1	51.271	33.53	9.61	8.27	3.3	2.99
291	9/30/2007 14:31	11.08	51.266	33.53	9.55	8.26	3.6	3.04
292	9/30/2007 14:46	11.11	51.244	33.51	9.44	8.26	3.2	3.07
293	9/30/2007 15:01	11.15	51.232	33.51	9.3	8.25	3.1	3.08
294	9/30/2007 15:16	11.25	51.232	33.51	9.22	8.24	2.9	3.06
295	9/30/2007 15:31	11.33	51.247	33.53	9.1	8.24	2.7	3.01
296	9/30/2007 15:46	11.35	51.261	33.54	8.93	8.23	2.9	2.96
297	9/30/2007 16:01	11.51	51.233	33.53	8.96	8.24	4.3	2.87
298	9/30/2007 16:16	11.93	51.128	33.47	9.13	8.25	4.9	2.76
299	9/30/2007 16:31	11.9	51.196	33.52	9.15	8.25	4.8	2.68
300	9/30/2007 16:46	11.95	51.224	33.55	9.15	8.24	5.2	2.55
301	9/30/2007 17:01	12.15	51.196	33.53	9.11	8.23	4.7	2.43
302	9/30/2007 17:16	12.22	51.22	33.56	9.06	8.23	5.4	2.31
303	9/30/2007 17:31	12.44	51.203	33.55	9	8.23	5.1	2.17
304	9/30/2007 17:46	12.53	51.205	33.56	9	8.23	6.0	2.04
305	9/30/2007 18:01	12.66	51.18	33.55	8.96	8.23	6.3	1.92
306	9/30/2007 18:16	12.71	51.25	33.6	8.89	8.23	6.3	1.77
307	9/30/2007 18:31	12.77	51.227	33.59	8.86	8.23	5.7	1.64
308	9/30/2007 18:46	12.7	51.235	33.59	8.82	8.23	6.5	1.49
309	9/30/2007 19:01	12.77	51.2	33.57	8.8	8.23	6.5	1.36
310	9/30/2007 19:16	12.87	51.196	33.57	8.71	8.23	6.3	1.22
311	9/30/2007 19:31	12.93	51.225	33.59	8.54	8.22	5.5	1.07
312	9/30/2007 19:46	13.04	51.192	33.57	8.48	8.21	5.5	0.92
313	9/30/2007 20:01	13.13	51.197	33.58	8.36	8.21	4.7	0.78
314	9/30/2007 20:16	13.23	51.202	33.59	8.3	8.2	4.7	0.64
315	9/30/2007 20:31	13.41	51.149	33.55	8.23	8.2	4.3	0.50
316	9/30/2007 20:46	13.55	51.152	33.56	8.17	8.19	4.6	0.42
317	9/30/2007 21:01	13.69	51	33.46	8.09	8.18	5.5	0.32
318	9/30/2007 21:16	13.73	50.972	33.44	7.99	8.17	4.9	0.26
319	9/30/2007 21:31	13.83	50.923	33.4	7.89	8.16	4.7	0.23
320	9/30/2007 21:46	13.74	50.952	33.42	8.01	8.15	13.2	0.23
321	9/30/2007 22:01	13.74	50.928	33.4	8.03	8.16	7.1	0.24
322	9/30/2007 22:16	13.77	50.915	33.4	7.93	8.15	4.7	0.32
323	9/30/2007 22:31	13.79	50.93	33.41	7.87	8.15	4.9	0.38
324	9/30/2007 22:46	13.89	50.879	33.37	7.8	8.14	3.8	0.46
325	9/30/2007 23:01	14.02	50.931	33.42	8.26	8.18	6.1	0.56
326	9/30/2007 23:16	14.02	50.848	33.36	8.23	8.19	5.7	0.63
327	9/30/2007 23:31	13.98	50.776	33.3	8.21	8.18	5.8	0.71
328	9/30/2007 23:46	13.96	50.78	33.3	8.12	8.17	4.3	0.80
329	10/1/2007 00:01	13.94	50.807	33.32	8	8.16	3.2	0.89
330	10/1/2007 00:16	13.9	50.934	33.41	8.15	8.17	3.9	0.97
331	10/1/2007 00:31	13.84	51.009	33.47	8.23	8.18	4.7	1.07
332	10/1/2007 00:46	13.8	51.016	33.47	8.29	8.19	4.4	1.17
333	10/1/2007 01:01	13.82	51.032	33.48	8.29	8.19	4.6	1.27
334	10/1/2007 01:16	13.81	51.082	33.52	8.34	8.19	5.4	1.36
335	10/1/2007 01:31	13.78	51.096	33.53	8.34	8.2	5.0	1.46

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
336	10/1/2007 01:46	13.77	51.104	33.53	8.34	8.2	5.7	1.55
337	10/1/2007 02:01	13.78	51.128	33.55	8.33	8.2	5.2	1.64
338	10/1/2007 02:16	13.73	51.177	33.59	8.34	8.2	4.4	1.72
339	10/1/2007 02:31	13.59	51.215	33.61	8.42	8.21	5.6	1.81
340	10/1/2007 02:46	13.48	51.205	33.6	8.48	8.21	5.6	1.88
341	10/1/2007 03:01	13.37	51.184	33.58	8.48	8.21	4.3	1.95
342	10/1/2007 03:16	13.15	51.214	33.59	8.54	8.21	4.3	2.02
343	10/1/2007 03:31	12.99	51.208	33.58	8.53	8.2	3.7	2.09
344	10/1/2007 03:46	12.87	51.172	33.55	8.51	8.2	2.9	2.14
345	10/1/2007 04:01	12.69	51.178	33.55	8.53	8.2	2.9	2.20
346	10/1/2007 04:16	12.53	51.178	33.54	8.56	8.2	2.3	2.24
347	10/1/2007 04:31	12.43	51.179	33.54	8.55	8.2	2.1	2.27
348	10/1/2007 04:46	12.4	51.148	33.51	8.47	8.2	2.5	2.29
349	10/1/2007 05:01	12.39	51.148	33.51	8.41	8.19	2.3	2.28
350	10/1/2007 05:16	12.4	51.153	33.52	8.31	8.18	2.5	2.27
351	10/1/2007 05:31	12.41	51.158	33.52	8.2	8.18	2.6	2.23
352	10/1/2007 05:46	12.44	51.151	33.52	8.07	8.17	2.5	2.17
353	10/1/2007 06:01	12.53	51.088	33.47	8.12	8.17	3.6	2.11
354	10/1/2007 06:16	12.75	51.063	33.46	8.07	8.17	3.8	2.04
355	10/1/2007 06:31	12.84	51.077	33.48	8.03	8.16	3.9	1.97
356	10/1/2007 06:46	12.91	51.088	33.49	8.03	8.17	4.3	1.90
357	10/1/2007 07:01	12.96	51.086	33.49	7.98	8.16	3.9	1.83
358	10/1/2007 07:16	13.02	51.115	33.51	7.96	8.15	4.6	1.76
359	10/1/2007 07:31	13.08	51.102	33.51	7.95	8.15	4.7	1.70
360	10/1/2007 07:46	13.18	51.088	33.5	7.84	8.15	6.8	1.65
361	10/1/2007 08:01	13.21	51.099	33.51	7.8	8.14	5.7	1.59
362	10/1/2007 08:16	13.22	51.122	33.53	7.75	8.13	4.4	1.54
363	10/1/2007 08:31	13.23	51.124	33.53	7.7	8.13	4.1	1.50
364	10/1/2007 08:46	13.23	51.126	33.53	7.64	8.12	3.8	1.46
365	10/1/2007 09:01	13.24	51.132	33.54	7.57	8.12	3.0	1.43
366	10/1/2007 09:16	13.27	51.118	33.53	7.52	8.11	2.9	1.43
367	10/1/2007 09:31	13.32	51.135	33.54	7.63	8.11	2.9	1.43
368	10/1/2007 09:46	13.31	51.142	33.55	7.65	8.11	2.9	1.44
369	10/1/2007 10:01	13.38	51.155	33.56	7.72	8.12	3.1	1.46
370	10/1/2007 10:16	13.44	51.112	33.53	7.89	8.13	4.9	1.52
371	10/1/2007 10:31	13.49	51.092	33.52	8.05	8.14	5.2	1.58
372	10/1/2007 10:46	13.52	51.128	33.54	8.14	8.16	6.8	1.64
373	10/1/2007 11:01	13.57	51.071	33.5	8.16	8.16	5.8	1.70
374	10/1/2007 11:16	13.56	51.1	33.52	8.16	8.16	6.0	1.78
375	10/1/2007 11:31	13.45	51.157	33.56	8.27	8.16	5.2	1.85
376	10/1/2007 11:46	13.29	51.175	33.57	8.33	8.17	5.2	1.92
377	10/1/2007 12:01	13.15	51.171	33.56	8.39	8.17	4.8	1.99
378	10/1/2007 12:16	12.87	51.191	33.56	8.62	8.19	4.9	2.07
379	10/1/2007 12:31	12.7	51.201	33.56	8.85	8.21	5.4	2.15
380	10/1/2007 12:46	12.66	51.169	33.54	8.89	8.21	4.7	2.23
381	10/1/2007 13:01	12.59	51.191	33.55	8.98	8.21	4.3	2.31
382	10/1/2007 13:16	12.38	51.223	33.57	9.17	8.23	4.2	2.39
383	10/1/2007 13:31	12.21	51.242	33.57	9.24	8.23	4.6	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
384	10/1/2007 13:46	12.09	51.213	33.54	9.32	8.24	5.0	2.56
385	10/1/2007 14:01	11.87	51.298	33.6	9.48	8.24	3.9	2.63
386	10/1/2007 14:16	11.72	51.247	33.55	9.61	8.25	3.5	2.71
387	10/1/2007 14:31	11.61	51.222	33.53	9.63	8.25	3.0	2.77
388	10/1/2007 14:46	11.53	51.23	33.53	9.67	8.25	5.3	2.83
389	10/1/2007 15:01	11.46	51.208	33.51	9.71	8.25	2.9	2.88
390	10/1/2007 15:16	11.43	51.194	33.5	9.73	8.25	2.5	2.92
391	10/1/2007 15:31	11.43	51.193	33.49	9.63	8.24	2.2	2.94
392	10/1/2007 15:46	11.47	51.168	33.48	9.67	8.23	2.3	2.95
393	10/1/2007 16:01	11.55	51.182	33.49	9.63	8.23	2.2	2.95
394	10/1/2007 16:16	11.59	51.182	33.5	9.5	8.22	2.4	2.92
395	10/1/2007 16:31	11.59	51.221	33.52	9.25	8.2	2.5	2.86
396	10/1/2007 16:46	11.59	51.211	33.52	8.81	8.18	2.5	2.80
397	10/1/2007 17:01	11.83	51.154	33.49	9.12	8.2	3.5	2.72
398	10/1/2007 17:16	12.11	51.155	33.5	9.2	8.22	4.3	2.63
399	10/1/2007 17:31	12.36	51.093	33.47	9.31	8.23	4.3	2.52
400	10/1/2007 17:46	12.37	51.155	33.52	9.25	8.24	4.4	2.40
401	10/1/2007 18:01	12.58	51.091	33.48	9.06	8.24	4.7	2.31
402	10/1/2007 18:16	12.75	51.1	33.49	9.1	8.24	5.5	2.19
403	10/1/2007 18:31	12.93	51.129	33.52	9.05	8.24	5.7	2.07
404	10/1/2007 18:46	13.14	51.06	33.48	8.84	8.24	5.2	1.97
405	10/1/2007 19:01	13.21	51.127	33.53	8.71	8.23	4.6	1.83
406	10/1/2007 19:16	13.2	51.133	33.53	8.59	8.22	4.1	1.72
407	10/1/2007 19:31	13.14	51.126	33.53	8.33	8.2	4.3	1.59
408	10/1/2007 19:46	13.16	51.107	33.51	8.31	8.2	5.8	1.45
409	10/1/2007 20:01	13.21	51.115	33.52	8.37	8.2	6.9	1.32
410	10/1/2007 20:16	13.35	51.075	33.5	8.29	8.19	7.5	1.17
411	10/1/2007 20:31	13.54	51.015	33.46	8.27	8.19	7.7	1.03
412	10/1/2007 20:46	13.71	50.995	33.45	8.25	8.19	8.5	0.91
413	10/1/2007 21:01	13.74	50.926	33.4	7.97	8.18	6.2	0.78
414	10/1/2007 21:16	13.83	50.928	33.41	7.78	8.15	6.4	0.66
415	10/1/2007 21:31	13.8	50.819	33.33	7.19	8.11	4.1	0.54
416	10/1/2007 21:46	13.86	50.731	33.26	7.14	8.1	4.1	0.45
417	10/1/2007 22:01	13.91	50.738	33.27	7.1	8.09	4.3	0.37
418	10/1/2007 22:16	13.95	50.754	33.28	7.07	8.08	4.3	0.33
419	10/1/2007 22:31	14.01	50.756	33.29	7.04	8.08	4.1	0.31
420	10/1/2007 22:46	14.07	50.764	33.3	7.01	8.07	4.3	0.32
421	10/1/2007 23:01	14.18	50.715	33.26	6.96	8.06	3.7	0.37
422	10/1/2007 23:16	14.32	50.685	33.25	6.77	8.06	3.5	0.44
423	10/1/2007 23:31	14.41	50.7	33.26	6.72	8.05	2.7	0.49
424	10/1/2007 23:46	14.59	50.711	33.27	6.6	8.03	2.7	0.54
425	10/2/2007 00:01	14.86	51.071	33.54	9.03	8.21	6.4	0.63
426	10/2/2007 00:16	14.88	51.013	33.5	8.97	8.26	5.8	0.69
427	10/2/2007 00:31	14.92	50.917	33.43	8.84	8.25	6.2	0.76
428	10/2/2007 00:46	14.91	50.89	33.41	8.75	8.24	5.5	0.80
429	10/2/2007 01:01	14.89	50.879	33.4	8.7	8.24	6.0	0.90
430	10/2/2007 01:16	14.86	50.903	33.42	8.72	8.24	5.7	0.97
431	10/2/2007 01:31	14.81	50.913	33.43	8.61	8.24	4.9	1.06

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
432	10/2/2007 01:46	14.61	51.052	33.52	8.7	8.24	4.1	1.14
433	10/2/2007 02:01	14.54	51.064	33.53	8.74	8.24	4.1	1.22
434	10/2/2007 02:16	14.46	51.087	33.54	8.75	8.24	4.7	1.32
435	10/2/2007 02:31	14.35	51.12	33.56	8.71	8.24	5.5	1.41
436	10/2/2007 02:46	14.29	51.11	33.56	8.67	8.23	4.6	1.49
437	10/2/2007 03:01	14.24	51.138	33.57	8.66	8.23	5.0	1.57
438	10/2/2007 03:16	14.2	51.155	33.59	8.62	8.23	4.5	1.65
439	10/2/2007 03:31	14.1	51.191	33.61	8.59	8.23	4.1	1.72
440	10/2/2007 03:46	13.98	51.189	33.6	8.64	8.23	4.4	1.80
441	10/2/2007 04:01	13.91	51.174	33.59	8.63	8.23	3.8	1.86
442	10/2/2007 04:16	13.83	51.183	33.59	8.6	8.23	3.6	1.92
443	10/2/2007 04:31	13.76	51.185	33.59	8.62	8.22	3.5	1.97
444	10/2/2007 04:46	13.66	51.181	33.59	8.64	8.23	3.7	2.01
445	10/2/2007 05:01	13.53	51.179	33.58	8.61	8.22	2.6	2.06
446	10/2/2007 05:16	13.39	51.212	33.6	8.6	8.22	2.5	2.09
447	10/2/2007 05:31	13.31	51.202	33.59	8.55	8.22	2.4	2.12
448	10/2/2007 05:46	13.18	51.205	33.59	8.55	8.21	2.2	2.16
449	10/2/2007 06:01	13.16	51.184	33.57	8.42	8.21	2.1	2.15
450	10/2/2007 06:16	13.13	51.187	33.57	8.33	8.2	2.2	2.16
451	10/2/2007 06:31	13.12	51.182	33.57	8.22	8.19	2.4	2.14
452	10/2/2007 06:46	13.1	51.199	33.58	8.13	8.19	2.4	2.13
453	10/2/2007 07:01	13.11	51.188	33.57	8.08	8.18	2.1	2.08
454	10/2/2007 07:16	13.13	51.176	33.56	8.07	8.18	2.1	2.03
455	10/2/2007 07:31	13.31	51.119	33.53	7.95	8.18	3.0	1.98
456	10/2/2007 07:46	13.47	51.107	33.53	7.8	8.16	3.5	1.92
457	10/2/2007 08:01	13.51	51.158	33.56	7.75	8.16	3.9	1.85
458	10/2/2007 08:16	13.56	51.149	33.56	7.67	8.15	4.2	1.80
459	10/2/2007 08:31	13.6	51.16	33.57	7.71	8.14	3.8	1.75
460	10/2/2007 08:46	13.63	51.173	33.58	7.67	8.14	3.7	1.70
461	10/2/2007 09:01	13.68	51.174	33.58	7.72	8.15	3.2	1.67
462	10/2/2007 09:16	13.74	51.17	33.58	7.73	8.15	3.4	1.63
463	10/2/2007 09:31	13.79	51.158	33.57	7.69	8.14	3.0	1.62
464	10/2/2007 09:46	13.83	51.153	33.57	7.56	8.14	3.0	1.57
465	10/2/2007 10:01	13.86	51.166	33.58	7.6	8.13	2.7	1.56
466	10/2/2007 10:16	13.9	51.163	33.58	7.53	8.13	2.5	1.55
467	10/2/2007 10:31	13.93	51.148	33.57	7.57	8.12	3.5	1.55
468	10/2/2007 10:46	13.97	51.165	33.59	7.67	8.12	3.4	1.58
469	10/2/2007 11:01	14	51.168	33.59	7.8	8.14	3.3	1.61
470	10/2/2007 11:16	14	51.169	33.59	7.82	8.15	3.8	1.64
471	10/2/2007 11:31	14.01	51.169	33.59	7.95	8.15	3.9	1.67
472	10/2/2007 11:46	13.97	51.19	33.6	8.05	8.17	4.7	1.74
473	10/2/2007 12:01	13.95	51.174	33.59	8.17	8.18	4.9	1.77
474	10/2/2007 12:16	13.92	51.168	33.59	8.25	8.19	4.4	1.83
475	10/2/2007 12:31	13.87	51.187	33.6	8.2	8.19	3.6	1.89
476	10/2/2007 12:46	13.78	51.215	33.62	8.29	8.19	3.6	1.94
477	10/2/2007 13:01	13.59	51.219	33.61	8.43	8.2	4.1	2.01
478	10/2/2007 13:16	13.43	51.233	33.62	8.59	8.22	3.9	2.06
479	10/2/2007 13:31	13.17	51.244	33.61	8.89	8.24	3.5	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
480	10/2/2007 13:46	12.9	51.24	33.6	9.11	8.26	3.5	2.19
481	10/2/2007 14:01	12.79	51.258	33.61	9.14	8.26	4.2	2.25
482	10/2/2007 14:16	12.72	51.208	33.57	9.27	8.28	3.7	2.33
483	10/2/2007 14:31	12.68	51.219	33.58	9.32	8.28	3.2	2.39
484	10/2/2007 14:46	12.61	51.249	33.6	9.35	8.28	3.0	2.45
485	10/2/2007 15:01	12.45	51.266	33.6	9.43	8.29	2.9	2.53
486	10/2/2007 15:16	12.31	51.315	33.63	9.43	8.29	2.8	2.58
487	10/2/2007 15:31	12.23	51.302	33.62	9.41	8.29	2.6	2.63
488	10/2/2007 15:46	12.15	51.297	33.61	9.4	8.29	2.4	2.69
489	10/2/2007 16:01	12.09	51.302	33.61	9.38	8.29	2.6	2.74
490	10/2/2007 16:16	12.07	51.303	33.61	9.33	8.28	2.4	2.75
491	10/2/2007 16:31	12.04	51.305	33.61	9.23	8.28	2.1	2.77
492	10/2/2007 16:46	12.03	51.3	33.6	9.17	8.27	1.8	2.78
493	10/2/2007 17:01	12.06	51.294	33.6	9.18	8.27	2.4	2.75
494	10/2/2007 17:16	12.07	51.298	33.61	9.15	8.27	2.2	2.73
495	10/2/2007 17:31	12.09	51.292	33.6	8.89	8.26	2.2	2.68
496	10/2/2007 17:46	12.09	51.279	33.59	8.45	8.23	2.2	2.63
497	10/2/2007 18:01	12.3	51.216	33.56	8.64	8.23	2.9	2.54
498	10/2/2007 18:16	12.65	51.189	33.55	8.9	8.27	3.4	2.47
499	10/2/2007 18:31	12.85	51.147	33.53	8.82	8.27	3.2	2.37
500	10/2/2007 18:46	12.97	51.147	33.54	8.9	8.27	4.4	2.28
501	10/2/2007 19:01	13.12	51.153	33.55	9.03	8.29	4.6	2.18
502	10/2/2007 19:16	13.3	51.133	33.54	9.02	8.29	4.3	2.10
503	10/2/2007 19:31	13.49	51.078	33.5	8.87	8.28	4.5	2.00
504	10/2/2007 19:46	13.59	51.175	33.58	8.78	8.28	4.7	1.88
505	10/2/2007 20:01	13.73	51.128	33.55	8.65	8.28	3.6	1.79
506	10/2/2007 20:16	13.72	51.135	33.56	8.46	8.26	4.0	1.68
507	10/2/2007 20:31	13.73	51.144	33.56	8.49	8.26	4.6	1.55
508	10/2/2007 20:46	13.82	51.129	33.55	8.52	8.26	4.8	1.45
509	10/2/2007 21:01	13.88	51.132	33.56	8.45	8.26	4.8	1.33
510	10/2/2007 21:16	13.95	51.116	33.55	8.44	8.26	4.9	1.20
511	10/2/2007 21:31	14.11	51.039	33.5	8.3	8.25	4.4	1.08
512	10/2/2007 21:46	14.14	51.067	33.52	8.2	8.25	4.1	0.97
513	10/2/2007 22:01	14.27	50.969	33.45	8.09	8.24	3.8	0.87
514	10/2/2007 22:16	14.24	50.944	33.43	7.45	8.18	3.5	0.74
515	10/2/2007 22:31	14.27	50.923	33.42	7.13	8.15	3.8	0.66
516	10/2/2007 22:46	14.38	50.919	33.42	7.13	8.14	3.9	0.59
517	10/2/2007 23:01	14.4	50.915	33.42	7.07	8.12	4.6	0.51
518	10/2/2007 23:16	14.46	50.914	33.42	7	8.12	3.5	0.45
519	10/2/2007 23:31	14.62	50.904	33.41	7.1	8.12	3.6	0.43
520	10/2/2007 23:46	14.7	50.866	33.39	7	8.11	3.7	0.42
521	10/3/2007 00:01	14.71	50.97	33.47	6.99	8.1	4.2	0.43
522	10/3/2007 00:16	14.82	50.924	33.43	7.04	8.1	3.2	0.46
523	10/3/2007 00:31	15.13	50.882	33.41	8.31	8.15	2.8	0.51
524	10/3/2007 00:46	15.16	51.093	33.57	9.01	8.27	3.0	0.57
525	10/3/2007 01:01	15.19	51.127	33.59	9.27	8.31	3.8	0.62
526	10/3/2007 01:16	15.18	51.157	33.61	9.12	8.32	2.8	0.69
527	10/3/2007 01:31	15.24	51.071	33.55	9.04	8.32	3.2	0.75

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
528	10/3/2007 01:46	15.27	50.996	33.5	8.84	8.31	5.3	0.82
529	10/3/2007 02:01	15.27	50.979	33.49	8.76	8.3	4.3	0.88
530	10/3/2007 02:16	15.25	50.967	33.48	8.58	8.29	4.2	0.94
531	10/3/2007 02:31	15.23	50.968	33.48	8.5	8.28	3.5	1.01
532	10/3/2007 02:46	15.19	50.969	33.48	8.51	8.28	2.5	1.10
533	10/3/2007 03:01	15.12	51.016	33.51	8.6	8.28	2.5	1.16
534	10/3/2007 03:16	14.98	51.114	33.58	8.74	8.3	3.0	1.23
535	10/3/2007 03:31	14.87	51.129	33.59	8.78	8.3	3.0	1.32
536	10/3/2007 03:46	14.74	51.151	33.6	8.73	8.3	3.6	1.40
537	10/3/2007 04:01	14.62	51.193	33.63	8.61	8.29	3.2	1.46
538	10/3/2007 04:16	14.53	51.183	33.62	8.54	8.27	3.3	1.54
539	10/3/2007 04:31	14.45	51.193	33.62	8.49	8.27	3.3	1.63
540	10/3/2007 04:46	14.4	51.197	33.62	8.48	8.27	3.2	1.69
541	10/3/2007 05:01	14.3	51.212	33.63	8.52	8.27	3.0	1.75
542	10/3/2007 05:16	14.18	51.218	33.63	8.44	8.26	2.9	1.81
543	10/3/2007 05:31	14.07	51.19	33.61	8.51	8.26	2.9	1.88
544	10/3/2007 05:46	13.99	51.205	33.62	8.46	8.26	3.3	1.93
545	10/3/2007 06:01	13.89	51.22	33.62	8.55	8.26	2.9	1.98
546	10/3/2007 06:16	13.76	51.232	33.63	8.54	8.26	2.5	2.03
547	10/3/2007 06:31	13.67	51.225	33.62	8.53	8.26	2.3	2.07
548	10/3/2007 06:46	13.6	51.211	33.61	8.46	8.25	1.9	2.09
549	10/3/2007 07:01	13.53	51.218	33.61	8.38	8.24	1.8	2.12
550	10/3/2007 07:16	13.46	51.221	33.61	8.32	8.24	1.8	2.15
551	10/3/2007 07:31	13.4	51.236	33.62	8.24	8.23	2.0	2.15
552	10/3/2007 07:46	13.41	51.206	33.6	8.21	8.22	1.8	2.14
553	10/3/2007 08:01	13.39	51.198	33.59	8.16	8.22	2.0	2.12
554	10/3/2007 08:16	13.39	51.191	33.58	8.02	8.21	2.1	2.08
555	10/3/2007 08:31	13.41	51.187	33.58	7.95	8.2	2.5	2.05
556	10/3/2007 08:46	13.52	51.169	33.57	7.96	8.21	2.2	2.00
557	10/3/2007 09:01	13.66	51.166	33.58	7.9	8.21	2.5	1.94
558	10/3/2007 09:16	13.76	51.14	33.56	7.85	8.2	2.6	1.89
559	10/3/2007 09:31	13.8	51.166	33.58	7.79	8.2	2.5	1.85
560	10/3/2007 09:46	13.85	51.153	33.57	7.77	8.2	2.2	1.79
561	10/3/2007 10:01	13.9	51.144	33.57	7.76	8.2	2.2	1.75
562	10/3/2007 10:16	13.95	51.146	33.57	7.78	8.19	2.2	1.72
563	10/3/2007 10:31	14.01	51.14	33.57	7.78	8.2	2.3	1.69
564	10/3/2007 10:46	14.05	51.135	33.57	7.75	8.19	2.4	1.65
565	10/3/2007 11:01	14.12	51.131	33.57	7.75	8.19	2.4	1.64
566	10/3/2007 11:16	14.19	51.12	33.56	7.71	8.19	2.4	1.64
567	10/3/2007 11:31	14.24	51.144	33.58	7.63	8.18	2.2	1.61
568	10/3/2007 11:46	14.29	51.151	33.59	7.6	8.17	2.4	1.62
569	10/3/2007 12:01	14.32	51.143	33.58	7.6	8.16	2.3	1.64
570	10/3/2007 12:16	14.35	51.141	33.58	7.82	8.16	2.4	1.64
571	10/3/2007 12:31	14.37	51.147	33.59	7.86	8.17	2.5	1.66
572	10/3/2007 12:46	14.37	51.155	33.59	7.92	8.17	2.1	1.71
573	10/3/2007 13:01	14.37	51.151	33.59	8.12	8.21	2.9	1.74
574	10/3/2007 13:16	14.35	51.16	33.59	8.15	8.21	2.1	1.78
575	10/3/2007 13:31	14.31	51.185	33.61	8.24	8.21	2.7	1.83

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
576	10/3/2007 13:46	14.24	51.199	33.62	8.29	8.22	2.6	1.88
577	10/3/2007 14:01	14.21	51.184	33.61	8.31	8.23	2.5	1.92
578	10/3/2007 14:16	14.1	51.202	33.62	8.35	8.23	2.6	1.98
579	10/3/2007 14:31	13.93	51.195	33.61	8.41	8.23	3.8	2.03
580	10/3/2007 14:46	13.78	51.208	33.61	8.43	8.23	2.8	2.08
581	10/3/2007 15:01	13.4	51.287	33.66	8.75	8.25	3.0	2.15
582	10/3/2007 15:16	13.24	51.259	33.63	8.86	8.26	2.4	2.21
583	10/3/2007 15:31	13.03	51.287	33.64	8.93	8.27	2.5	2.27
584	10/3/2007 15:46	12.91	51.284	33.63	8.98	8.28	2.2	2.32
585	10/3/2007 16:01	12.87	51.262	33.62	9	8.28	2.2	2.38
586	10/3/2007 16:16	12.85	51.245	33.6	9.03	8.29	2.3	2.44
587	10/3/2007 16:31	12.8	51.252	33.61	9.01	8.29	2.3	2.47
588	10/3/2007 16:46	12.75	51.267	33.61	8.95	8.29	1.9	2.54
589	10/3/2007 17:01	12.7	51.257	33.61	8.88	8.28	1.9	2.57
590	10/3/2007 17:16	12.67	51.271	33.61	8.81	8.27	1.7	2.59
591	10/3/2007 17:31	12.62	51.28	33.62	8.7	8.27	1.8	2.61
592	10/3/2007 17:46	12.59	51.278	33.62	8.63	8.25	1.6	2.64
593	10/3/2007 18:01	12.58	51.285	33.62	8.61	8.25	1.8	2.63
594	10/3/2007 18:16	12.59	51.277	33.61	8.6	8.24	1.6	2.61
595	10/3/2007 18:31	12.58	51.278	33.61	8.55	8.24	1.7	2.58
596	10/3/2007 18:46	12.57	51.268	33.61	8.44	8.24	1.7	2.54
597	10/3/2007 19:01	12.59	51.258	33.6	8.33	8.23	1.9	2.49
598	10/3/2007 19:16	12.87	51.154	33.54	8.41	8.25	2.4	2.42
599	10/3/2007 19:31	13.09	51.178	33.56	8.46	8.27	2.6	2.35
600	10/3/2007 19:46	13.31	51.148	33.55	8.45	8.27	2.5	2.27
601	10/3/2007 20:01	13.42	51.156	33.56	8.36	8.26	2.6	2.18
602	10/3/2007 20:16	13.54	51.124	33.54	8.32	8.26	3.4	2.10
603	10/3/2007 20:31	13.67	51.124	33.55	8.4	8.28	3.6	2.01
604	10/3/2007 20:46	13.93	51.083	33.52	8.46	8.28	3.8	1.91
605	10/3/2007 21:01	14.08	51.102	33.54	8.39	8.28	5.6	1.83
606	10/3/2007 21:16	14.17	51.077	33.53	8.22	8.26	3.6	1.74
607	10/3/2007 21:31	14.19	51.097	33.54	8.07	8.25	3.6	1.62
608	10/3/2007 21:46	14.27	51.097	33.55	8.12	8.25	3.5	1.53
609	10/3/2007 22:01	14.29	51.11	33.56	8.17	8.26	3.8	1.41
610	10/3/2007 22:16	14.39	51.086	33.54	8.13	8.27	3.8	1.31
611	10/3/2007 22:31	14.44	51.097	33.55	8.16	8.27	3.7	1.20
612	10/3/2007 22:46	14.54	51.058	33.53	8.13	8.27	3.8	1.09
613	10/3/2007 23:01	14.59	51.075	33.54	8.12	8.26	3.4	0.98
614	10/3/2007 23:16	14.69	51.037	33.51	8.02	8.26	3.7	0.88
615	10/3/2007 23:31	14.66	51.019	33.5	7.49	8.21	3.3	0.78
616	10/3/2007 23:46	14.69	51.009	33.49	7.17	8.19	3.6	0.68
617	10/4/2007 00:01	14.8	50.978	33.47	7.13	8.18	2.8	0.62
618	10/4/2007 00:16	14.89	50.973	33.47	7.07	8.18	3.5	0.56
619	10/4/2007 00:31	15.02	50.981	33.48	7.29	8.18	3.0	0.49
620	10/4/2007 00:46	15.27	50.932	33.45	7.63	8.21	2.5	0.50
621	10/4/2007 01:01	15.32	51.06	33.55	7.5	8.22	2.8	0.47
622	10/4/2007 01:16	15.42	51.1	33.58	7.84	8.25	2.4	0.51
623	10/4/2007 01:31	15.53	51.112	33.59	8.03	8.29	2.2	0.52

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
624	10/4/2007 01:46	15.59	51.113	33.59	8.39	8.31	2.2	0.53
625	10/4/2007 02:01	15.54	50.985	33.5	8.75	8.36	3.0	0.61
626	10/4/2007 02:16	15.53	50.966	33.48	8.69	8.37	2.5	0.68
627	10/4/2007 02:31	15.51	50.983	33.49	8.6	8.36	2.7	0.71
628	10/4/2007 02:46	15.51	50.888	33.42	8.73	8.37	3.0	0.78
629	10/4/2007 03:01	15.53	50.88	33.42	8.52	8.36	3.0	0.85
630	10/4/2007 03:16	15.58	50.881	33.42	8.49	8.35	2.9	0.91
631	10/4/2007 03:31	15.62	50.874	33.42	8.43	8.34	3.3	0.98
632	10/4/2007 03:46	15.61	50.88	33.42	8.37	8.33	3.5	1.05
633	10/4/2007 04:01	15.58	50.887	33.43	8.37	8.33	2.7	1.13
634	10/4/2007 04:16	15.48	50.959	33.48	8.42	8.33	3.3	1.20
635	10/4/2007 04:31	15.31	50.956	33.47	8.52	8.33	3.9	1.29
636	10/4/2007 04:46	15.28	50.916	33.44	8.45	8.32	2.8	1.35
637	10/4/2007 05:01	15.12	50.983	33.49	8.34	8.31	2.6	1.44
638	10/4/2007 05:16	14.92	51.084	33.55	8.24	8.29	3.0	1.52
639	10/4/2007 05:31	14.76	51.113	33.57	8.17	8.28	2.6	1.59
640	10/4/2007 05:46	14.62	51.1	33.56	8.16	8.27	2.5	1.66
641	10/4/2007 06:01	14.5	51.121	33.57	8.19	8.27	2.7	1.73
642	10/4/2007 06:16	14.34	51.146	33.58	8.24	8.28	2.8	1.80
643	10/4/2007 06:31	14.24	51.147	33.58	8.26	8.28	2.8	1.85
644	10/4/2007 06:46	14.13	51.176	33.6	8.19	8.27	1.8	1.91
645	10/4/2007 07:01	14.03	51.186	33.6	8.15	8.26	2.1	1.98
646	10/4/2007 07:16	13.88	51.198	33.61	8.2	8.26	2.1	2.03
647	10/4/2007 07:31	13.69	51.246	33.64	8.25	8.26	1.9	2.08
648	10/4/2007 07:46	13.58	51.219	33.61	8.17	8.26	1.8	2.12
649	10/4/2007 08:01	13.46	51.223	33.61	8.11	8.25	1.7	2.17
650	10/4/2007 08:16	13.4	51.208	33.6	8.08	8.25	1.8	2.18
651	10/4/2007 08:31	13.33	51.229	33.61	8.03	8.24	1.6	2.21
652	10/4/2007 08:46	13.29	51.238	33.62	7.94	8.24	1.6	2.21
653	10/4/2007 09:01	13.31	51.23	33.61	7.94	8.24	1.6	2.19
654	10/4/2007 09:16	13.31	51.215	33.6	7.89	8.23	1.7	2.16
655	10/4/2007 09:31	13.31	51.184	33.58	7.78	8.23	1.7	2.12
656	10/4/2007 09:46	13.32	51.192	33.58	7.71	8.22	1.8	2.08
657	10/4/2007 10:01	13.42	51.16	33.56	7.63	8.22	2.1	2.03
658	10/4/2007 10:16	13.51	51.168	33.57	7.64	8.23	2.1	1.98
659	10/4/2007 10:31	13.58	51.149	33.56	7.67	8.23	2.1	1.92
660	10/4/2007 10:46	13.68	51.118	33.54	7.63	8.24	2.1	1.86
661	10/4/2007 11:01	13.78	51.086	33.52	7.67	8.24	2.2	1.82
662	10/4/2007 11:16	13.9	51.079	33.52	7.71	8.24	2.1	1.75
663	10/4/2007 11:31	14.02	51.059	33.51	7.66	8.24	2.4	1.74
664	10/4/2007 11:46	14.13	51.043	33.5	7.66	8.24	2.1	1.69
665	10/4/2007 12:01	14.21	51.048	33.51	7.62	8.24	2.4	1.66
666	10/4/2007 12:16	14.34	51.061	33.52	7.63	8.24	1.9	1.64
667	10/4/2007 12:31	14.41	51.04	33.51	7.48	8.23	2.2	1.60
668	10/4/2007 12:46	14.5	51.047	33.52	7.49	8.23	1.9	1.60
669	10/4/2007 13:01	14.58	51.053	33.52	7.39	8.22	2.1	1.56
670	10/4/2007 13:16	14.63	51.037	33.51	7.28	8.21	2.2	1.56
671	10/4/2007 13:31	14.63	51.03	33.51	7.39	8.21	1.9	1.58

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
672	10/4/2007 13:46	14.65	51.013	33.5	7.59	8.22	1.8	1.58
673	10/4/2007 14:01	14.66	51.016	33.5	7.59	8.22	2.1	1.61
674	10/4/2007 14:16	14.66	51.032	33.51	7.62	8.22	1.8	1.63
675	10/4/2007 14:31	14.63	51.067	33.53	7.89	8.24	2.6	1.68
676	10/4/2007 14:46	14.62	51.059	33.53	8.02	8.25	2.2	1.71
677	10/4/2007 15:01	14.58	51.082	33.54	8.07	8.26	1.9	1.76
678	10/4/2007 15:16	14.49	51.106	33.56	8.01	8.26	3.2	1.81
679	10/4/2007 15:31	14.41	51.117	33.56	8.12	8.27	2.5	1.86
680	10/4/2007 15:46	14.28	51.115	33.56	8.08	8.26	2.9	1.92
681	10/4/2007 16:01	14.19	51.121	33.56	8.04	8.26	2.5	1.97
682	10/4/2007 16:16	14.07	51.131	33.56	7.99	8.26	1.9	2.03
683	10/4/2007 16:31	13.95	51.143	33.57	8.11	8.26	1.9	2.08
684	10/4/2007 16:46	13.88	51.132	33.56	8.1	8.26	1.7	2.13
685	10/4/2007 17:01	13.69	51.195	33.6	8.19	8.27	1.7	2.19
686	10/4/2007 17:16	13.48	51.245	33.63	8.32	8.27	2.0	2.25
687	10/4/2007 17:31	13.3	51.275	33.64	8.4	8.28	2.1	2.30
688	10/4/2007 17:46	13.21	51.226	33.6	8.43	8.28	1.9	2.35
689	10/4/2007 18:01	13.13	51.248	33.62	8.38	8.28	1.6	2.40
690	10/4/2007 18:16	13.04	51.26	33.62	8.33	8.27	1.6	2.43
691	10/4/2007 18:31	12.9	51.292	33.64	8.28	8.26	1.6	2.48
692	10/4/2007 18:46	12.85	51.278	33.63	8.24	8.26	1.6	2.49
693	10/4/2007 19:01	12.79	51.289	33.63	8.17	8.25	1.6	2.51
694	10/4/2007 19:16	12.77	51.278	33.62	8.13	8.24	1.6	2.53
695	10/4/2007 19:31	12.78	51.286	33.63	8.12	8.25	1.6	2.51
696	10/4/2007 19:46	12.8	51.27	33.62	8.1	8.24	1.6	2.49
697	10/4/2007 20:01	12.81	51.252	33.61	8.02	8.24	1.6	2.45
698	10/4/2007 20:16	12.8	51.237	33.59	7.86	8.23	1.8	2.41
699	10/4/2007 20:31	12.82	51.222	33.58	7.77	8.23	1.9	2.35
700	10/4/2007 20:46	12.98	51.186	33.56	7.57	8.23	2.1	2.27
701	10/4/2007 21:01	13.22	51.098	33.51	7.58	8.23	2.3	2.20
702	10/4/2007 21:16	13.37	51.069	33.49	7.51	8.23	2.3	2.13
703	10/4/2007 21:31	13.42	51.093	33.51	7.26	8.21	2.1	2.04
704	10/4/2007 21:46	13.61	51.076	33.51	7.66	8.24	3.2	1.94
705	10/4/2007 22:01	13.69	51.116	33.54	7.67	8.25	2.8	1.86
706	10/4/2007 22:16	13.86	51.062	33.51	7.69	8.25	3.5	1.78
707	10/4/2007 22:31	13.95	51.061	33.51	7.65	8.25	3.4	1.69
708	10/4/2007 22:46	13.94	51.079	33.52	7.57	8.25	3.6	1.58
709	10/4/2007 23:01	14.01	51.043	33.5	7.68	8.26	3.5	1.47
710	10/4/2007 23:16	14.08	51.036	33.5	7.74	8.27	3.5	1.38
711	10/4/2007 23:31	14.18	51.023	33.49	7.77	8.28	3.6	1.28
712	10/4/2007 23:46	14.25	51.015	33.49	7.78	8.29	3.7	1.18
713	10/5/2007 00:01	14.31	51.032	33.5	7.78	8.29	3.5	1.08
714	10/5/2007 00:16	14.41	50.983	33.47	7.72	8.29	3.4	0.98
715	10/5/2007 00:31	14.49	50.941	33.44	7.55	8.29	3.3	0.86
716	10/5/2007 00:46	14.48	50.926	33.43	7.24	8.26	2.7	0.77
717	10/5/2007 01:01	14.5	50.924	33.43	7	8.25	3.1	0.72
718	10/5/2007 01:16	14.66	50.941	33.44	7.21	8.27	3.7	0.63
719	10/5/2007 01:31	14.66	50.914	33.42	7.04	8.25	2.9	0.57

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
720	10/5/2007 01:46	14.77	50.816	33.35	6.93	8.24	3.2	0.54
721	10/5/2007 02:01	14.9	50.765	33.32	6.87	8.24	3.4	0.53
722	10/5/2007 02:16	14.97	50.88	33.41	7	8.25	2.1	0.51
723	10/5/2007 02:31	15.08	50.861	33.4	7.24	8.25	1.8	0.52
724	10/5/2007 02:46	15.27	50.876	33.41	7.64	8.33	2.3	0.58
725	10/5/2007 03:01	15.26	51.026	33.52	8.2	8.35	3.0	0.62
726	10/5/2007 03:16	15.26	51.028	33.52	8.36	8.39	3.2	0.68
727	10/5/2007 03:31	15.26	51.037	33.53	8.37	8.39	3.2	0.73
728	10/5/2007 03:46	15.23	51.008	33.51	8.37	8.4	3.2	0.81
729	10/5/2007 04:01	15.23	50.828	33.37	8.03	8.36	4.4	0.86
730	10/5/2007 04:16	15.22	50.809	33.36	7.93	8.35	3.6	0.93
731	10/5/2007 04:31	15.19	50.774	33.33	7.8	8.34	3.6	1.00
732	10/5/2007 04:46	15.17	50.783	33.34	7.75	8.33	3.2	1.07
733	10/5/2007 05:01	15.16	50.804	33.35	7.77	8.32	2.8	1.16
734	10/5/2007 05:16	15.1	50.911	33.43	7.95	8.34	2.8	1.22
735	10/5/2007 05:31	15.02	50.985	33.48	7.98	8.34	2.4	1.31
736	10/5/2007 05:46	14.92	51.004	33.5	7.95	8.33	2.1	1.39
737	10/5/2007 06:01	14.81	51.043	33.52	7.85	8.32	2.4	1.46
738	10/5/2007 06:16	14.67	51.078	33.54	7.81	8.3	2.6	1.54
739	10/5/2007 06:31	14.58	51.082	33.54	7.8	8.29	2.9	1.63
740	10/5/2007 06:46	14.47	51.132	33.58	7.79	8.28	3.1	1.69
741	10/5/2007 07:01	14.35	51.155	33.59	7.82	8.28	3.8	1.77
742	10/5/2007 07:16	14.21	51.182	33.61	7.84	8.28	2.8	1.84
743	10/5/2007 07:31	14.09	51.178	33.6	7.84	8.27	3.2	1.91
744	10/5/2007 07:46	14.02	51.164	33.59	7.83	8.27	2.6	1.97
745	10/5/2007 08:01	13.85	51.182	33.59	7.8	8.27	2.4	2.04
746	10/5/2007 08:16	13.61	51.242	33.63	7.89	8.27	2.2	2.10
747	10/5/2007 08:31	13.45	51.225	33.61	7.9	8.26	2.4	2.15
748	10/5/2007 08:46	13.32	51.219	33.6	7.87	8.26	2.1	2.19
749	10/5/2007 09:01	13.2	51.242	33.61	7.82	8.25	1.8	2.23
750	10/5/2007 09:16	13.08	51.258	33.62	7.74	8.25	1.6	2.26
	Mean	13.69	51.04	33.48	8.63	8.22	4.7	1.69
	Standard Dev.	1.13	0.20	0.14	0.75	0.06	2.8	0.72

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	10/5/2007 09:31	12.89	50.474	33.04	8.71	7.99		2.71
1	10/5/2007 09:46	12.74	50.522	33.07	8.74	8.01	4.0	2.87
2	10/5/2007 10:01	12.71	50.806	33.28	8.77	8.02	3.9	2.86
3	10/5/2007 10:16	12.79	50.722	33.22	8.75	8.02	3.7	2.82
4	10/5/2007 10:31	13.19	50.937	33.39	8.84	8.04	3.4	2.78
5	10/5/2007 10:46	13.49	50.799	33.3	8.84	8.05	3.7	2.72
6	10/5/2007 11:01	13.49	50.773	33.28	8.91	8.06	3.7	2.67
7	10/5/2007 11:16	13.54	50.739	33.26	8.89	8.07	4.1	2.62
8	10/5/2007 11:31	13.64	50.739	33.26	8.88	8.07	4.6	2.54
9	10/5/2007 11:46	13.84	50.678	33.23	8.95	8.08	4.2	2.48
10	10/5/2007 12:01	14.03	50.761	33.29	9.03	8.09	3.3	2.41
11	10/5/2007 12:16	14.19	50.718	33.27	8.99	8.09	3.4	2.37
12	10/5/2007 12:31	14.35	50.692	33.25	9.09	8.1	3.7	2.30
13	10/5/2007 12:46	14.52	50.68	33.25	9.3	8.12	3.9	2.25
14	10/5/2007 13:01	14.6	50.721	33.28	9.2	8.11	3.9	2.21
15	10/5/2007 13:16	14.62	50.704	33.27	9.39	8.12	2.4	2.15
16	10/5/2007 13:31	14.69	50.651	33.23	9.67	8.14	2.3	2.11
17	10/5/2007 13:46	14.74	50.463	33.09	9.68	8.14	2.5	2.08
18	10/5/2007 14:01	14.74	50.725	33.29	9.53	8.14	3.3	2.05
19	10/5/2007 14:16	14.75	50.574	33.18	9.66	8.14	2.6	2.02
20	10/5/2007 14:31	14.82	50.408	33.06	9.21	8.12	1.4	2.01
21	10/5/2007 14:46	14.89	50.456	33.09	10.13	8.18	3.1	2.03
22	10/5/2007 15:01	14.84	50.437	33.08	9.92	8.16	3.5	2.04
23	10/5/2007 15:16	14.85	50.325	33	9.81	8.15	2.8	2.06
24	10/5/2007 15:31	14.85	50.562	33.17	9.71	8.15	2.9	2.10
25	10/5/2007 15:46	14.83	50.637	33.22	9.6	8.14	2.9	2.14
26	10/5/2007 16:01	14.87	50.572	33.18	9.47	8.13	3.1	2.19
27	10/5/2007 16:16	14.79	50.615	33.21	9.37	8.12	3.4	2.24
28	10/5/2007 16:31	14.72	50.57	33.17	9.21	8.11	5.1	2.30
29	10/5/2007 16:46	14.7	50.604	33.2	9.17	8.11	3.1	2.36
30	10/5/2007 17:01	14.67	50.624	33.21	9.2	8.1	3.3	2.41
31	10/5/2007 17:16	14.58	50.642	33.22	9.21	8.1	2.9	2.47
32	10/5/2007 17:31	14.5	50.697	33.26	9.15	8.1	3.5	2.53
33	10/5/2007 17:46	14.37	50.747	33.29	9.13	8.09	3.5	2.59
34	10/5/2007 18:01	14.01	50.744	33.28	9.12	8.08	3.8	2.65
35	10/5/2007 18:16	13.82	50.848	33.35	9.1	8.08	3.2	2.71
36	10/5/2007 18:31	13.68	50.511	33.1	9.09	8.07	6.5	2.77
37	10/5/2007 18:46	13.55	50.75	33.27	9.05	8.07	2.9	2.82
38	10/5/2007 19:01	13.45	50.907	33.38	9	8.06	2.8	2.89
39	10/5/2007 19:16	13.27	50.766	33.27	8.98	8.06	2.5	2.94
40	10/5/2007 19:31	13.1	50.769	33.26	8.96	8.05	2.5	2.98
41	10/5/2007 19:46	12.96	50.737	33.24	8.96	8.05	2.8	3.01
42	10/5/2007 20:01	12.95	50.938	33.38	8.88	8.05	2.9	3.05
43	10/5/2007 20:16	12.81	50.732	33.23	8.86	8.05	2.5	3.07
44	10/5/2007 20:31	12.76	50.566	33.1	8.79	8.04	1.0	3.07
45	10/5/2007 20:46	12.81	50.816	33.29	8.69	8.04	2.0	3.06
46	10/5/2007 21:01	12.83	50.808	33.28	8.76	8.04	1.5	3.04
47	10/5/2007 21:16	12.98	50.805	33.29	8.7	8.04	7.5	3.01

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
48	10/5/2007 21:31	13.19	50.715	33.23	8.5	8.04	12.6	2.97
49	10/5/2007 21:46	13.1	50.799	33.29	8.43	8.04	19.4	2.89
50	10/5/2007 22:01	13.14	50.759	33.26	8.45	8.04	18.8	2.81
51	10/5/2007 22:16	13.37	50.724	33.24	8.41	8.04	14.0	2.74
52	10/5/2007 22:31	13.52	50.871	33.35	8.45	8.05	13.9	2.65
53	10/5/2007 22:46	13.51	50.551	33.12	8.44	8.05	12.0	2.57
54	10/5/2007 23:01	13.65	50.704	33.24	8.37	8.05	12.3	2.49
55	10/5/2007 23:16	13.77	50.613	33.18	8.32	8.05	12.0	2.41
56	10/5/2007 23:31	13.66	50.693	33.23	8.33	8.05	10.3	2.31
57	10/5/2007 23:46	13.74	50.733	33.26	8.43	8.06	10.3	2.21
58	10/6/2007 00:01	13.79	50.543	33.12	8.47	8.06	10.9	2.12
59	10/6/2007 00:16	14.05	51.031	33.49	8.42	8.08	12.7	2.03
60	10/6/2007 00:31	13.99	50.739	33.27	8.39	8.08	13.1	1.91
61	10/6/2007 00:46	13.84	50.584	33.16	8.25	8.07	11.4	1.81
62	10/6/2007 01:01	13.92	50.529	33.12	8.22	8.07	11.8	1.70
63	10/6/2007 01:16	14.14	50.473	33.08	8.25	8.09	10.8	1.61
64	10/6/2007 01:31	14.15	50.588	33.17	8.19	8.08	9.5	1.49
65	10/6/2007 01:46	14.15	50.555	33.15	8.19	8.08	9.2	1.40
66	10/6/2007 02:01	14.28	50.745	33.29	8.21	8.1	8.9	1.33
67	10/6/2007 02:16	14.4	50.591	33.18	8.23	8.11	9.3	1.26
68	10/6/2007 02:31	14.46	50.603	33.19	8.15	8.11	5.9	1.20
69	10/6/2007 02:46	14.59	50.408	33.05	8.19	8.14	9.0	1.15
70	10/6/2007 03:01	14.55	50.664	33.24	8.06	8.12	4.8	1.14
71	10/6/2007 03:16	14.48	50.439	33.07	8.26	8.13	7.2	1.14
72	10/6/2007 03:31	14.54	50.497	33.11	8.34	8.14	8.1	1.17
73	10/6/2007 03:46	14.59	50.576	33.17	8.42	8.16	8.7	1.20
74	10/6/2007 04:01	14.57	50.624	33.21	8.43	8.16	8.4	1.25
75	10/6/2007 04:16	14.56	50.525	33.14	8.47	8.17	9.0	1.31
76	10/6/2007 04:31	14.56	50.604	33.19	8.47	8.17	9.5	1.35
77	10/6/2007 04:46	14.47	50.403	33.04	8.35	8.16	11.5	1.45
78	10/6/2007 05:01	14.41	50.298	32.96	8.17	8.15	11.4	1.50
79	10/6/2007 05:16	14.42	50.267	32.94	8.16	8.14	10.5	1.56
80	10/6/2007 05:31	14.44	50.153	32.86	8.19	8.14	12.1	1.66
81	10/6/2007 05:46	14.49	50.514	33.12	8.27	8.14	10.6	1.74
82	10/6/2007 06:01	14.45	50.489	33.11	8.27	8.14	10.8	1.81
83	10/6/2007 06:16	14.42	50.504	33.12	8.27	8.13	10.3	1.89
84	10/6/2007 06:31	14.39	50.596	33.18	8.26	8.12	11.3	1.98
85	10/6/2007 06:46	14.24	50.655	33.22	8.31	8.09	12.6	2.07
86	10/6/2007 07:01	14.14	50.371	33.01	8.33	8.08	9.5	2.14
87	10/6/2007 07:16	14.11	50.608	33.18	8.31	8.08	8.1	2.21
88	10/6/2007 07:31	14.02	50.32	32.97	8.34	8.08	7.8	2.32
89	10/6/2007 07:46	13.88	50.694	33.24	8.36	8.07	8.4	2.40
90	10/6/2007 08:01	13.76	50.413	33.03	8.38	8.06	9.2	2.46
91	10/6/2007 08:16	13.67	50.471	33.07	8.4	8.06	8.6	2.52
92	10/6/2007 08:31	13.6	50.679	33.22	8.42	8.06	9.0	2.61
93	10/6/2007 08:46	13.44	50.668	33.2	8.46	8.05	9.4	2.68
94	10/6/2007 09:01	13.22	50.754	33.26	8.5	8.05	9.1	2.73
95	10/6/2007 09:16	12.99	50.663	33.18	8.59	8.05	7.8	2.78

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
96	10/6/2007 09:31	12.75	50.784	33.26	8.68	8.04	6.4	2.83
97	10/6/2007 09:46	12.59	50.794	33.26	8.74	8.04	6.1	2.88
98	10/6/2007 10:01	12.56	50.677	33.17	8.71	8.04	4.6	2.91
99	10/6/2007 10:16	12.5	50.615	33.13	8.71	8.04	4.9	2.93
100	10/6/2007 10:31	12.68	50.697	33.19	8.49	8.03	3.4	2.94
101	10/6/2007 10:46	12.53	50.722	33.21	8.66	8.03	3.6	2.92
102	10/6/2007 11:01	12.5	50.708	33.2	8.66	8.03	3.6	2.89
103	10/6/2007 11:16	12.8	50.863	33.32	8.59	8.04	4.7	2.83
104	10/6/2007 11:31	13.3	50.635	33.17	8.69	8.06	4.8	2.79
105	10/6/2007 11:46	13.4	50.645	33.19	8.71	8.07	5.4	2.71
106	10/6/2007 12:01	13.4	50.478	33.06	8.62	8.06	5.3	2.65
107	10/6/2007 12:16	13.54	50.485	33.07	8.61	8.07	5.4	2.55
108	10/6/2007 12:31	13.68	50.495	33.09	8.6	8.08	5.6	2.48
109	10/6/2007 12:46	13.88	50.579	33.15	8.62	8.09	4.3	2.42
110	10/6/2007 13:01	14.12	50.757	33.29	8.7	8.1	4.8	2.34
111	10/6/2007 13:16	14.34	50.724	33.27	8.91	8.12	4.5	2.26
112	10/6/2007 13:31	14.4	50.652	33.22	8.86	8.11	4.3	2.20
113	10/6/2007 13:46	14.46	50.494	33.11	9.11	8.12	4.1	2.12
114	10/6/2007 14:01	14.53	50.586	33.18	9.35	8.13	3.2	2.05
115	10/6/2007 14:16	14.59	50.48	33.1	9.28	8.14	4.3	1.99
116	10/6/2007 14:31	14.63	50.647	33.23	9.32	8.14	3.3	1.93
117	10/6/2007 14:46	14.64	50.461	33.09	9.01	8.13	3.1	1.86
118	10/6/2007 15:01	14.72	50.328	33	9.2	8.14	3.1	1.84
119	10/6/2007 15:16	14.84	50.593	33.19	8.84	8.12	1.4	1.83
120	10/6/2007 15:31	14.86	50.626	33.22	9.81	8.16	4.2	1.80
121	10/6/2007 15:46	14.75	50.171	32.88	9.65	8.15	4.8	1.82
122	10/6/2007 16:01	14.75	50.465	33.1	9.57	8.15	4.6	1.82
123	10/6/2007 16:16	14.77	50.667	33.24	9.45	8.15	4.5	1.86
124	10/6/2007 16:31	14.81	50.543	33.16	9.33	8.15	4.7	1.90
125	10/6/2007 16:46	14.78	50.558	33.17	9.22	8.15	5.3	1.95
126	10/6/2007 17:01	14.74	50.479	33.11	9.17	8.14	5.7	2.02
127	10/6/2007 17:16	14.71	50.684	33.26	9.04	8.13	6.2	2.07
128	10/6/2007 17:31	14.75	50.453	33.09	9.01	8.12	6.0	2.15
129	10/6/2007 17:46	14.62	50.462	33.09	9.06	8.12	5.4	2.21
130	10/6/2007 18:01	14.54	50.671	33.24	9.02	8.11	5.0	2.28
131	10/6/2007 18:16	14.43	50.701	33.26	8.88	8.1	5.3	2.34
132	10/6/2007 18:31	14.31	50.529	33.13	8.79	8.09	5.0	2.41
133	10/6/2007 18:46	14.04	50.673	33.23	8.74	8.08	4.6	2.47
134	10/6/2007 19:01	13.9	50.679	33.23	8.7	8.07	5.0	2.53
135	10/6/2007 19:16	13.82	50.696	33.24	8.66	8.07	4.2	2.60
136	10/6/2007 19:31	13.71	50.462	33.06	8.67	8.07	4.0	2.66
137	10/6/2007 19:46	13.64	50.568	33.14	8.69	8.07	4.2	2.72
138	10/6/2007 20:01	13.51	50.358	32.98	8.75	8.06	4.1	2.78
139	10/6/2007 20:16	13.3	50.777	33.28	8.79	8.06	4.3	2.84
140	10/6/2007 20:31	13.19	50.62	33.16	8.83	8.06	3.7	2.89
141	10/6/2007 20:46	13.08	50.709	33.22	8.83	8.05	4.0	2.94
142	10/6/2007 21:01	12.91	50.606	33.14	8.86	8.05	4.4	2.99
143	10/6/2007 21:16	12.78	50.714	33.21	8.83	8.04	3.6	3.02

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
144	10/6/2007 21:31	12.74	50.753	33.24	8.79	8.04	2.4	3.04
145	10/6/2007 21:46	12.87	50.756	33.25	8.46	8.02	1.1	3.06
146	10/6/2007 22:01	12.83	50.713	33.21	8.59	8.03	2.6	3.04
147	10/6/2007 22:16	12.79	50.807	33.28	8.61	8.03	2.8	3.01
148	10/6/2007 22:31	12.79	50.761	33.25	8.65	8.03	2.9	2.97
149	10/6/2007 22:46	13.12	50.639	33.17	8.49	8.05	3.2	2.92
150	10/6/2007 23:01	13.59	50.51	33.09	8.32	8.07	5.1	2.84
151	10/6/2007 23:16	13.55	50.582	33.14	8.38	8.06	5.5	2.76
152	10/6/2007 23:31	13.55	50.633	33.18	8.23	8.04	5.9	2.67
153	10/6/2007 23:46	13.46	50.711	33.24	8.1	8.03	5.4	2.57
154	10/7/2007 00:01	13.53	50.747	33.26	8.09	8.03	4.8	2.49
155	10/7/2007 00:16	13.58	50.654	33.2	8.06	8.03	4.8	2.39
156	10/7/2007 00:31	13.7	50.622	33.18	7.99	8.04	5.3	2.28
157	10/7/2007 00:46	13.91	50.42	33.04	7.98	8.05	5.5	2.19
158	10/7/2007 01:01	13.57	50.671	33.21	8.17	8.05	6.1	2.08
159	10/7/2007 01:16	13.69	50.51	33.1	8.28	8.07	7.1	1.98
160	10/7/2007 01:31	13.63	50.362	32.99	8.22	8.06	6.1	1.87
161	10/7/2007 01:46	13.67	50.339	32.97	8.22	8.07	6.4	1.77
162	10/7/2007 02:01	13.67	50.535	33.11	8.08	8.06	5.7	1.66
163	10/7/2007 02:16	13.78	50.63	33.19	8.08	8.07	5.0	1.54
164	10/7/2007 02:31	13.84	50.573	33.15	8.11	8.07	5.0	1.46
165	10/7/2007 02:46	13.87	50.714	33.25	8.07	8.07	4.9	1.37
166	10/7/2007 03:01	14	50.672	33.23	8.06	8.09	3.7	1.31
167	10/7/2007 03:16	14.01	50.756	33.29	8.03	8.09	3.4	1.25
168	10/7/2007 03:31	14.16	50.757	33.29	8.09	8.11	3.0	1.21
169	10/7/2007 03:46	14.14	50.512	33.11	7.92	8.09	1.8	1.19
170	10/7/2007 04:01	14.09	50.78	33.31	8.14	8.11	1.5	1.18
171	10/7/2007 04:16	14.08	50.799	33.32	8.25	8.11	4.1	1.20
172	10/7/2007 04:31	14.19	50.631	33.2	8.42	8.14	3.7	1.24
173	10/7/2007 04:46	14.17	50.278	32.94	8.46	8.14	4.1	1.29
174	10/7/2007 05:01	14.21	50.522	33.12	8.59	8.16	4.0	1.33
175	10/7/2007 05:16	14.22	50.525	33.13	8.64	8.17	3.9	1.40
176	10/7/2007 05:31	14.14	50.719	33.26	8.54	8.15	4.6	1.47
177	10/7/2007 05:46	14.07	50.388	33.02	8.26	8.12	6.4	1.54
178	10/7/2007 06:01	14.05	50.436	33.06	8.17	8.12	6.5	1.62
179	10/7/2007 06:16	14.06	49.977	32.72	8.18	8.11	7.0	1.69
180	10/7/2007 06:31	14.08	50.067	32.79	8.3	8.12	5.5	1.77
181	10/7/2007 06:46	14.03	50.168	32.86	8.31	8.11	5.7	1.86
182	10/7/2007 07:01	14.02	50.443	33.06	8.28	8.11	5.7	1.95
183	10/7/2007 07:16	13.98	50.621	33.19	8.25	8.1	5.4	2.03
184	10/7/2007 07:31	13.91	50.668	33.22	8.23	8.08	6.0	2.13
185	10/7/2007 07:46	13.87	50.702	33.24	8.23	8.07	6.6	2.22
186	10/7/2007 08:01	13.84	50.546	33.13	8.25	8.07	6.6	2.30
187	10/7/2007 08:16	13.74	50.588	33.16	8.29	8.06	8.1	2.39
188	10/7/2007 08:31	13.61	50.631	33.18	8.31	8.06	7.8	2.46
189	10/7/2007 08:46	13.48	50.64	33.18	8.33	8.05	6.9	2.54
190	10/7/2007 09:01	13.4	50.663	33.2	8.36	8.05	8.9	2.63
191	10/7/2007 09:16	13.06	50.317	32.93	8.47	8.04	9.2	2.69

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
192	10/7/2007 09:31	12.89	50.769	33.26	8.49	8.04	7.9	2.77
193	10/7/2007 09:46	12.7	50.571	33.1	8.53	8.03	8.9	2.83
194	10/7/2007 10:01	12.34	50.762	33.23	8.56	8.02	7.4	2.90
195	10/7/2007 10:16	12.17	50.765	33.22	8.55	8.01	8.2	2.94
196	10/7/2007 10:31	12.06	50.837	33.27	8.55	8.01	4.8	2.98
197	10/7/2007 10:46	12.09	50.865	33.29	8.53	8.01	3.5	3.02
198	10/7/2007 11:01	12.49	50.837	33.29	8.54	8.03	3.6	3.02
199	10/7/2007 11:16	12.15	50.652	33.14	8.42	8	3.5	3.02
200	10/7/2007 11:31	12.13	50.843	33.28	8.45	8	3.6	2.98
201	10/7/2007 11:46	12.21	50.798	33.25	8.44	8.01	3.2	2.95
202	10/7/2007 12:01	12.75	50.481	33.04	8.57	8.03	4.3	2.88
203	10/7/2007 12:16	12.94	50.813	33.29	8.68	8.04	5.0	2.81
204	10/7/2007 12:31	13.1	50.668	33.19	8.72	8.05	5.1	2.72
205	10/7/2007 12:46	13.14	50.718	33.23	8.73	8.05	6.1	2.63
206	10/7/2007 13:01	13.39	50.695	33.22	8.8	8.07	6.2	2.55
207	10/7/2007 13:16	13.62	50.431	33.04	8.87	8.08	4.7	2.46
208	10/7/2007 13:31	13.9	50.724	33.26	8.96	8.1	4.8	2.36
209	10/7/2007 13:46	14.22	50.574	33.16	9.2	8.12	4.5	2.28
210	10/7/2007 14:01	14.34	50.537	33.14	9.32	8.13	6.4	2.21
211	10/7/2007 14:16	14.25	50.418	33.05	9.34	8.12	4.0	2.11
212	10/7/2007 14:31	14.36	50.636	33.21	9.68	8.14	2.8	2.03
213	10/7/2007 14:46	14.54	50.481	33.1	9.75	8.15	2.8	1.95
214	10/7/2007 15:01	14.56	50.427	33.06	9.5	8.14	4.3	1.87
215	10/7/2007 15:16	14.62	50.99	33.48	9.63	8.15	3.5	1.78
216	10/7/2007 15:31	14.7	50.446	33.08	9.68	8.16	3.3	1.73
217	10/7/2007 15:46	14.76	50.474	33.1	9.6	8.16	2.1	1.68
218	10/7/2007 16:01	14.74	50.62	33.21	9.33	8.14	1.3	1.65
219	10/7/2007 16:16	14.89	50.536	33.15	10.24	8.18	3.7	1.61
220	10/7/2007 16:31	14.82	50.564	33.17	10.15	8.17	3.3	1.62
221	10/7/2007 16:46	14.88	50.736	33.3	10.03	8.18	3.1	1.64
222	10/7/2007 17:01	14.82	50.53	33.15	9.96	8.17	3.7	1.66
223	10/7/2007 17:16	14.89	50.624	33.22	9.9	8.17	3.2	1.70
224	10/7/2007 17:31	14.97	50.652	33.24	9.87	8.18	3.1	1.75
225	10/7/2007 17:46	14.93	50.459	33.1	9.81	8.18	3.7	1.84
226	10/7/2007 18:01	14.98	50.429	33.08	9.46	8.15	5.4	1.90
227	10/7/2007 18:16	15.05	50.39	33.05	9.24	8.14	6.1	1.97
228	10/7/2007 18:31	14.82	50.653	33.24	9.36	8.14	5.1	2.05
229	10/7/2007 18:46	14.69	50.636	33.22	9.35	8.14	4.8	2.12
230	10/7/2007 19:01	14.6	50.466	33.09	9.28	8.13	4.6	2.20
231	10/7/2007 19:16	14.49	50.203	32.9	9.15	8.12	5.3	2.26
232	10/7/2007 19:31	14.21	50.633	33.2	8.92	8.09	4.6	2.34
233	10/7/2007 19:46	14.06	50.563	33.15	8.81	8.08	4.3	2.41
234	10/7/2007 20:01	13.92	50.63	33.19	8.73	8.07	4.6	2.48
235	10/7/2007 20:16	13.85	50.572	33.15	8.72	8.07	4.3	2.54
236	10/7/2007 20:31	13.69	50.592	33.16	8.72	8.06	4.6	2.62
237	10/7/2007 20:46	13.4	50.739	33.25	8.72	8.05	5.3	2.69
238	10/7/2007 21:01	13.27	50.78	33.28	8.73	8.05	5.3	2.74
239	10/7/2007 21:16	13.14	50.745	33.25	8.73	8.05	4.6	2.82

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	10/7/2007 21:31	12.9	50.609	33.14	8.78	8.04	6.6	2.89
241	10/7/2007 21:46	12.69	50.712	33.21	8.73	8.03	5.5	2.94
242	10/7/2007 22:01	12.55	50.711	33.2	8.69	8.02	4.9	2.99
243	10/7/2007 22:16	12.38	50.867	33.31	8.66	8.02	4.9	3.03
244	10/7/2007 22:31	12.33	50.817	33.27	8.62	8.01	4.0	3.06
245	10/7/2007 22:46	12.41	50.771	33.24	8.47	8.01	0.9	3.07
246	10/7/2007 23:01	12.33	50.808	33.26	8.48	8	2.7	3.06
247	10/7/2007 23:16	12.23	50.951	33.36	8.5	8	2.7	3.05
248	10/7/2007 23:31	12.33	50.777	33.24	8.5	8.01	2.7	3.00
249	10/7/2007 23:46	12.66	50.947	33.38	8.43	8.01	3.2	2.92
250	10/8/2007 00:01	13.2	50.647	33.18	8.37	8.03	4.5	2.84
251	10/8/2007 00:16	13.17	50.756	33.26	8.39	8.03	5.2	2.75
252	10/8/2007 00:31	13.29	50.753	33.26	8.38	8.03	5.0	2.66
253	10/8/2007 00:46	13.39	50.661	33.2	8.33	8.03	4.5	2.56
254	10/8/2007 01:01	13.48	50.779	33.29	8.28	8.03	4.8	2.46
255	10/8/2007 01:16	13.72	50.614	33.17	8.26	8.05	4.5	2.36
256	10/8/2007 01:31	13.73	50.666	33.21	8.28	8.04	4.3	2.28
257	10/8/2007 01:46	13.94	50.733	33.27	8.2	8.04	4.7	2.18
258	10/8/2007 02:01	13.75	50.552	33.13	8.24	8.04	4.8	2.07
259	10/8/2007 02:16	13.68	50.765	33.28	8.35	8.05	4.8	1.97
260	10/8/2007 02:31	13.82	50.55	33.13	8.4	8.07	4.4	1.87
261	10/8/2007 02:46	13.8	50.724	33.26	8.36	8.06	5.0	1.77
262	10/8/2007 03:01	13.88	50.558	33.14	8.27	8.06	4.7	1.66
263	10/8/2007 03:16	13.98	50.649	33.21	8.34	8.07	4.6	1.56
264	10/8/2007 03:31	14.03	50.685	33.24	8.3	8.07	3.5	1.49
265	10/8/2007 03:46	14.09	50.601	33.18	8.29	8.08	4.8	1.41
266	10/8/2007 04:01	14.13	50.652	33.22	8.27	8.08	3.1	1.33
267	10/8/2007 04:16	14.23	50.683	33.24	8.33	8.09	3.1	1.29
268	10/8/2007 04:31	14.34	50.701	33.26	8.37	8.1	1.5	1.27
269	10/8/2007 04:46	14.39	50.646	33.22	8.46	8.12	1.2	1.26
270	10/8/2007 05:01	14.29	50.696	33.25	8.55	8.12	3.2	1.27
271	10/8/2007 05:16	14.36	50.705	33.26	8.75	8.13	3.1	1.32
272	10/8/2007 05:31	14.47	50.684	33.25	9.03	8.16	3.6	1.37
273	10/8/2007 05:46	14.53	50.559	33.16	9.19	8.18	3.4	1.43
274	10/8/2007 06:01	14.45	50.534	33.14	9.09	8.16	3.5	1.51
275	10/8/2007 06:16	14.4	50.475	33.09	8.67	8.13	5.7	1.59
276	10/8/2007 06:31	14.39	50.327	32.99	8.41	8.11	5.8	1.65
277	10/8/2007 06:46	14.37	50.298	32.96	8.49	8.11	6.2	1.73
278	10/8/2007 07:01	14.25	50.554	33.15	8.53	8.11	4.8	1.84
279	10/8/2007 07:16	14.19	50.669	33.23	8.5	8.1	4.3	1.91
280	10/8/2007 07:31	14.16	50.411	33.04	8.46	8.1	5.0	1.99
281	10/8/2007 07:46	14.06	50.517	33.11	8.43	8.08	4.6	2.08
282	10/8/2007 08:01	13.93	50.402	33.03	8.39	8.07	5.6	2.18
283	10/8/2007 08:16	13.9	50.457	33.07	8.41	8.07	5.6	2.26
284	10/8/2007 08:31	13.84	50.623	33.18	8.44	8.06	6.2	2.34
285	10/8/2007 08:46	13.65	50.671	33.21	8.42	8.05	6.5	2.44
286	10/8/2007 09:01	13.51	50.566	33.13	8.43	8.05	6.5	2.53
287	10/8/2007 09:16	13.44	50.593	33.15	8.42	8.04	7.4	2.60

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
288	10/8/2007 09:31	13.19	50.299	32.93	8.45	8.04	8.4	2.68
289	10/8/2007 09:46	12.85	50.623	33.15	8.45	8.02	9.8	2.77
290	10/8/2007 10:01	12.43	50.66	33.16	8.54	8.01	11.2	2.84
291	10/8/2007 10:16	12.25	50.827	33.27	8.58	8.01	9.1	2.90
292	10/8/2007 10:31	11.93	50.851	33.27	8.64	8	7.7	2.98
293	10/8/2007 10:46	11.82	50.917	33.31	8.64	8	6.2	3.05
294	10/8/2007 11:01	11.78	50.869	33.28	8.6	8	4.8	3.08
295	10/8/2007 11:16	11.79	50.969	33.35	8.6	8	4.5	3.12
296	10/8/2007 11:31	12.08	50.911	33.32	8.41	7.98	2.7	3.14
297	10/8/2007 11:46	12.01	51.042	33.42	8.5	8	3.7	3.14
298	10/8/2007 12:01	11.77	51.074	33.43	8.53	7.99	3.5	3.09
299	10/8/2007 12:16	11.78	50.938	33.33	8.51	7.99	4.5	3.06
300	10/8/2007 12:31	12.01	50.82	33.25	8.54	8	4.5	2.99
301	10/8/2007 12:46	12.64	50.85	33.3	8.89	8.03	5.6	2.91
302	10/8/2007 13:01	12.88	50.871	33.33	8.9	8.04	6.1	2.82
303	10/8/2007 13:16	13.14	50.568	33.12	9.13	8.06	6.9	2.71
304	10/8/2007 13:31	13.37	50.542	33.11	9.17	8.07	7.0	2.62
305	10/8/2007 13:46	13.64	50.695	33.23	9.21	8.08	6.4	2.53
306	10/8/2007 14:01	13.79	50.582	33.15	9.36	8.1	5.9	2.42
307	10/8/2007 14:16	14.01	50.41	33.03	9.42	8.11	5.4	2.32
308	10/8/2007 14:31	14.21	50.656	33.22	9.6	8.12	5.1	2.23
309	10/8/2007 14:46	14.33	50.603	33.19	9.95	8.14	4.6	2.14
310	10/8/2007 15:01	14.16	50.585	33.17	9.86	8.13	3.7	2.05
311	10/8/2007 15:16	14.47	50.531	33.14	9.87	8.14	4.0	1.95
312	10/8/2007 15:31	14.62	50.66	33.24	10.42	8.18	3.2	1.86
313	10/8/2007 15:46	14.68	50.526	33.14	10.26	8.17	3.5	1.78
314	10/8/2007 16:01	14.89	50.428	33.07	10.49	8.19	4.0	1.69
315	10/8/2007 16:16	14.91	50.606	33.2	10.04	8.18	2.7	1.61
316	10/8/2007 16:31	15.03	50.499	33.13	10.55	8.2	3.6	1.54
317	10/8/2007 16:46	15.13	50.489	33.12	10.35	8.2	1.8	1.51
318	10/8/2007 17:01	15.15	50.279	32.97	9.94	8.19	0.7	1.48
319	10/8/2007 17:16	15.05	50.303	32.99	10.89	8.22	3.7	1.47
320	10/8/2007 17:31	15.14	50.282	32.97	10.45	8.21	3.2	1.48
321	10/8/2007 17:46	15.21	50.51	33.14	10.39	8.22	3.2	1.52
322	10/8/2007 18:01	15.12	50.527	33.15	10.24	8.2	3.1	1.57
323	10/8/2007 18:16	15.23	50.22	32.93	10.23	8.21	3.9	1.63
324	10/8/2007 18:31	15.21	50.313	33	10.07	8.2	4.5	1.71
325	10/8/2007 18:46	15.39	50.165	32.89	9.5	8.16	6.9	1.80
326	10/8/2007 19:01	15.24	50.506	33.14	9.46	8.15	6.8	1.88
327	10/8/2007 19:16	15.01	50.572	33.18	9.56	8.15	5.1	1.95
328	10/8/2007 19:31	14.93	50.214	32.92	9.53	8.14	5.1	2.03
329	10/8/2007 19:46	14.81	50.164	32.88	9.49	8.13	4.6	2.11
330	10/8/2007 20:01	14.48	50.102	32.82	9.22	8.11	4.7	2.19
331	10/8/2007 20:16	14.3	50.586	33.17	9.01	8.09	4.0	2.25
332	10/8/2007 20:31	14.21	50.576	33.16	8.92	8.08	4.2	2.32
333	10/8/2007 20:46	14.14	50.523	33.12	8.88	8.08	4.8	2.41
334	10/8/2007 21:01	13.92	50.509	33.1	8.88	8.07	5.7	2.48
335	10/8/2007 21:16	13.72	50.566	33.14	8.87	8.06	5.0	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
336	10/8/2007 21:31	13.56	50.177	32.85	8.88	8.06	5.3	2.63
337	10/8/2007 21:46	13.42	50.356	32.98	8.88	8.05	5.7	2.71
338	10/8/2007 22:01	13.18	50.636	33.17	8.88	8.04	6.4	2.78
339	10/8/2007 22:16	12.86	50.622	33.15	8.86	8.03	6.3	2.84
340	10/8/2007 22:31	12.61	50.457	33.02	8.84	8.02	5.7	2.91
341	10/8/2007 22:46	12.39	50.874	33.31	8.84	8.02	6.0	2.97
342	10/8/2007 23:01	12.26	50.635	33.13	8.83	8.01	5.2	3.01
343	10/8/2007 23:16	12.21	50.853	33.29	8.77	8.01	3.6	3.05
344	10/8/2007 23:31	12.2	50.832	33.27	8.68	8	2.8	3.06
345	10/8/2007 23:46	12.34	50.533	33.06	8.65	8	8.4	3.07
346	10/9/2007 00:01	12.24	50.725	33.2	8.69	8	3.1	3.06
347	10/9/2007 00:16	12.19	50.783	33.24	8.7	8	3.4	3.00
348	10/9/2007 00:31	12.36	50.919	33.34	8.64	8	3.3	2.95
349	10/9/2007 00:46	13.16	50.888	33.35	8.42	8.02	4.9	2.88
350	10/9/2007 01:01	13.13	50.508	33.08	8.46	8.02	5.0	2.80
351	10/9/2007 01:16	13.14	50.707	33.22	8.47	8.02	5.9	2.69
352	10/9/2007 01:31	13.29	50.72	33.24	8.34	8.01	4.7	2.60
353	10/9/2007 01:46	13.3	50.598	33.15	8.34	8.01	4.5	2.50
354	10/9/2007 02:01	13.49	50.641	33.19	8.29	8.02	4.6	2.40
355	10/9/2007 02:16	13.78	50.561	33.14	8.27	8.03	4.6	2.31
356	10/9/2007 02:31	14.17	50.57	33.16	8.35	8.05	4.8	2.20
357	10/9/2007 02:46	13.84	50.315	32.96	8.43	8.04	4.8	2.11
358	10/9/2007 03:01	13.79	50.601	33.17	8.47	8.04	5.1	2.01
359	10/9/2007 03:16	13.93	50.611	33.18	8.42	8.05	5.4	1.90
360	10/9/2007 03:31	14.03	50.481	33.09	8.45	8.06	5.1	1.81
361	10/9/2007 03:46	14.07	50.51	33.11	8.47	8.06	5.0	1.72
362	10/9/2007 04:01	14.18	50.619	33.19	8.42	8.07	4.7	1.62
363	10/9/2007 04:16	14.35	50.584	33.17	8.48	8.08	4.5	1.55
364	10/9/2007 04:31	14.41	50.61	33.19	8.44	8.08	4.2	1.46
365	10/9/2007 04:46	14.56	50.147	32.86	8.51	8.09	3.5	1.42
366	10/9/2007 05:01	14.61	50.641	33.22	8.45	8.1	2.9	1.38
367	10/9/2007 05:16	14.86	50.217	32.92	8.62	8.13	1.8	1.36
368	10/9/2007 05:31	14.92	50.362	33.03	8.44	8.13	1.4	1.35
369	10/9/2007 05:46	14.88	50.421	33.07	8.91	8.15	3.2	1.40
370	10/9/2007 06:01	14.78	50.593	33.19	8.85	8.14	10.2	1.45
371	10/9/2007 06:16	14.79	50.246	32.94	8.92	8.14	8.9	1.49
372	10/9/2007 06:31	14.72	50.653	33.23	8.84	8.13	9.7	1.57
373	10/9/2007 06:46	14.75	50.078	32.81	8.51	8.1	9.2	1.66
374	10/9/2007 07:01	14.63	50.394	33.04	8.48	8.1	10.5	1.76
375	10/9/2007 07:16	14.55	50.502	33.12	8.42	8.09	7.8	1.83
376	10/9/2007 07:31	14.48	50.149	32.86	8.39	8.08	8.6	1.92
377	10/9/2007 07:46	14.37	50.521	33.13	8.42	8.08	7.8	2.00
378	10/9/2007 08:01	14.28	50.575	33.16	8.41	8.07	7.8	2.09
379	10/9/2007 08:16	14.12	50.564	33.15	8.44	8.06	7.3	2.17
380	10/9/2007 08:31	14.05	50.539	33.13	8.49	8.06	7.8	2.24
381	10/9/2007 08:46	13.91	50.507	33.1	8.51	8.06	9.2	2.33
382	10/9/2007 09:01	13.75	50.415	33.03	8.49	8.05	9.0	2.42
383	10/9/2007 09:16	13.46	50.565	33.13	8.51	8.04	8.1	2.51

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
384	10/9/2007 09:31	13.39	50.297	32.93	8.51	8.03	8.7	2.60
385	10/9/2007 09:46	13.28	50.753	33.26	8.48	8.03	10.3	2.68
386	10/9/2007 10:01	12.87	50.433	33.01	8.54	8.02	11.0	2.79
387	10/9/2007 10:16	12.67	50.594	33.12	8.56	8.01	10.6	2.86
388	10/9/2007 10:31	12.32	50.567	33.08	8.6	8	10.2	2.95
389	10/9/2007 10:46	12.1	50.724	33.19	8.6	7.99	9.0	3.03
390	10/9/2007 11:01	11.98	50.784	33.23	8.6	7.99	7.4	3.10
391	10/9/2007 11:16	11.85	50.881	33.29	8.62	7.99	6.4	3.17
392	10/9/2007 11:31	11.82	50.892	33.3	8.6	7.99	4.4	3.20
393	10/9/2007 11:46	11.89	50.76	33.2	8.54	7.99	3.4	3.25
394	10/9/2007 12:01	12.12	50.792	33.24	8.43	7.99	2.4	3.26
395	10/9/2007 12:16	11.98	50.659	33.13	8.47	7.99	3.3	3.25
396	10/9/2007 12:31	11.81	50.875	33.28	8.58	7.99	2.8	3.22
397	10/9/2007 12:46	11.93	50.578	33.07	8.56	7.99	4.2	3.17
398	10/9/2007 13:01	12.43	50.736	33.21	8.53	8	4.5	3.10
399	10/9/2007 13:16	12.89	50.829	33.3	8.5	8.02	5.4	3.01
400	10/9/2007 13:31	13.33	50.683	33.21	8.38	8.03	6.1	2.91
401	10/9/2007 13:46	13.19	50.875	33.35	8.37	8.02	6.3	2.80
402	10/9/2007 14:01	13.56	50.64	33.19	8.34	8.03	7.1	2.70
403	10/9/2007 14:16	13.56	50.657	33.2	8.34	8.03	6.2	2.59
404	10/9/2007 14:31	13.45	50.645	33.19	8.39	8.03	8.2	2.48
405	10/9/2007 14:46	13.36	50.719	33.24	8.48	8.03	10.1	2.37
406	10/9/2007 15:01	13.22	50.474	33.05	8.51	8.03	13.1	2.25
407	10/9/2007 15:16	13.39	50.517	33.09	8.49	8.03	10.1	2.15
408	10/9/2007 15:31	13.35	50.656	33.19	8.47	8.03	11.5	2.04
409	10/9/2007 15:46	13.39	50.562	33.12	8.49	8.03	13.0	1.94
410	10/9/2007 16:01	13.53	50.497	33.08	8.41	8.03	12.8	1.85
411	10/9/2007 16:16	13.58	50.492	33.08	8.36	8.03	13.9	1.76
412	10/9/2007 16:31	13.69	50.616	33.17	8.34	8.04	12.5	1.66
413	10/9/2007 16:46	13.77	50.527	33.11	8.33	8.04	12.7	1.59
414	10/9/2007 17:01	13.9	50.372	33	8.31	8.05	11.2	1.53
415	10/9/2007 17:16	14.01	50.247	32.92	8.23	8.05	11.7	1.46
416	10/9/2007 17:31	14.1	50.562	33.15	8.17	8.06	10.4	1.43
417	10/9/2007 17:46	14.18	50.375	33.01	7.96	8.05	6.8	1.40
418	10/9/2007 18:01	14.17	50.535	33.13	7.57	8.02	4.5	1.37
419	10/9/2007 18:16	14.25	50.174	32.87	8.1	8.06	9.5	1.44
420	10/9/2007 18:31	14.2	50.376	33.02	8.09	8.06	9.8	1.45
421	10/9/2007 18:46	14.23	49.968	32.72	8.11	8.06	10.3	1.50
422	10/9/2007 19:01	14.18	50.277	32.94	8.12	8.06	12.5	1.59
423	10/9/2007 19:16	14.12	50.313	32.97	8.13	8.05	13.9	1.68
424	10/9/2007 19:31	13.99	50.196	32.88	8.18	8.04	13.5	1.77
425	10/9/2007 19:46	13.88	50.232	32.9	8.22	8.04	11.1	1.84
426	10/9/2007 20:01	13.86	50.239	32.91	8.24	8.04	10.2	1.92
427	10/9/2007 20:16	13.81	49.969	32.71	8.29	8.04	8.9	2.01
428	10/9/2007 20:31	13.83	49.674	32.49	8.28	8.04	7.3	2.09
429	10/9/2007 20:46	13.82	50.006	32.73	8.24	8.04	7.9	2.17
430	10/9/2007 21:01	13.86	49.837	32.61	8.2	8.04	7.9	2.24
431	10/9/2007 21:16	13.87	49.825	32.6	8.15	8.03	9.7	2.32

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
432	10/9/2007 21:31	13.88	49.784	32.57	8.14	8.03	8.5	2.39
433	10/9/2007 21:46	13.81	49.975	32.71	8.16	8.03	7.9	2.48
434	10/9/2007 22:01	13.67	50.098	32.8	8.19	8.03	7.5	2.55
435	10/9/2007 22:16	13.54	50.305	32.94	8.23	8.02	7.7	2.64
436	10/9/2007 22:31	13.38	50.228	32.88	8.28	8.02	7.7	2.71
437	10/9/2007 22:46	13.11	50.153	32.82	8.35	8.01	6.8	2.78
438	10/9/2007 23:01	12.82	50.224	32.86	8.44	8.01	6.2	2.86
439	10/9/2007 23:16	12.68	50.488	33.04	8.47	8.01	5.9	2.93
440	10/9/2007 23:31	12.5	50.562	33.09	8.52	8.01	5.7	2.98
441	10/9/2007 23:46	12.41	50.56	33.08	8.53	8	4.0	3.04
442	10/10/2007 00:01	12.29	50.596	33.1	8.57	8	4.3	3.07
443	10/10/2007 00:16	12.24	50.548	33.07	8.5	8	2.8	3.10
444	10/10/2007 00:31	12.42	50.576	33.1	8.38	7.99	3.4	3.09
445	10/10/2007 00:46	12.44	50.256	32.86	8.28	7.99	2.7	3.09
446	10/10/2007 01:01	12.23	50.586	33.09	8.46	7.99	3.4	3.05
447	10/10/2007 01:16	12.27	50.592	33.1	8.41	7.99	2.9	2.99
448	10/10/2007 01:31	12.94	50.11	32.78	8.03	7.98	5.8	2.92
449	10/10/2007 01:46	12.81	50.145	32.8	8.23	8	6.1	2.84
450	10/10/2007 02:01	13.08	50.044	32.73	8	7.99	7.0	2.76
451	10/10/2007 02:16	13.21	50.194	32.85	7.92	7.99	7.7	2.64
452	10/10/2007 02:31	13.31	50.12	32.8	7.85	7.99	7.7	2.55
453	10/10/2007 02:46	13.5	50.004	32.72	7.7	7.99	7.6	2.44
454	10/10/2007 03:01	13.6	50.002	32.72	7.67	7.99	9.2	2.35
455	10/10/2007 03:16	13.63	50.028	32.74	7.6	7.99	7.8	2.24
456	10/10/2007 03:31	13.51	50.117	32.8	7.7	7.99	6.9	2.16
457	10/10/2007 03:46	13.42	50.418	33.02	7.74	7.99	7.8	2.06
458	10/10/2007 04:01	13.46	50.319	32.95	7.76	8	7.3	1.97
459	10/10/2007 04:16	13.53	50.273	32.92	7.71	8	8.1	1.88
460	10/10/2007 04:31	13.58	50.451	33.05	7.59	7.99	8.6	1.78
461	10/10/2007 04:46	13.68	50.252	32.91	7.44	7.99	7.4	1.72
462	10/10/2007 05:01	13.77	49.905	32.66	7.26	7.99	6.5	1.65
463	10/10/2007 05:16	13.78	49.752	32.55	7.19	7.99	6.5	1.59
464	10/10/2007 05:31	13.81	49.792	32.58	7.09	7.98	5.6	1.56
465	10/10/2007 05:46	13.83	49.812	32.59	6.89	7.97	3.7	1.52
466	10/10/2007 06:01	13.83	49.879	32.64	6.84	7.98	4.3	1.53
467	10/10/2007 06:16	13.78	49.753	32.55	7.16	7.99	5.7	1.56
468	10/10/2007 06:31	13.8	50.003	32.73	7.24	7.99	5.7	1.57
469	10/10/2007 06:46	13.78	49.847	32.62	7.3	8	5.9	1.65
470	10/10/2007 07:01	13.78	49.96	32.7	7.36	8	7.1	1.71
471	10/10/2007 07:16	13.74	49.361	32.26	7.36	7.99	9.3	1.78
472	10/10/2007 07:31	13.76	49.266	32.19	7.39	7.99	7.8	1.87
473	10/10/2007 07:46	13.7	49.325	32.23	7.43	7.99	9.1	1.96
474	10/10/2007 08:01	13.7	49.231	32.17	7.5	7.99	7.9	2.06
475	10/10/2007 08:16	13.65	49.668	32.48	7.53	7.99	6.9	2.12
476	10/10/2007 08:31	13.55	50.066	32.77	7.62	7.99	7.2	2.21
477	10/10/2007 08:46	13.53	50.081	32.78	7.74	8	7.2	2.30
478	10/10/2007 09:01	13.52	50.132	32.82	7.8	8	7.0	2.39
479	10/10/2007 09:16	13.56	50.342	32.97	7.79	8	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
480	10/10/2007 09:31	13.53	50.148	32.83	7.79	8	7.6	2.54
481	10/10/2007 09:46	13.33	50.297	32.93	7.88	7.99	9.2	2.64
482	10/10/2007 10:01	13.22	50.393	32.99	7.93	7.99	9.2	2.71
483	10/10/2007 10:16	13.1	50.33	32.94	8.01	7.99	9.7	2.81
484	10/10/2007 10:31	12.92	50.291	32.91	8.11	7.99	12.8	2.88
485	10/10/2007 10:46	12.71	50.404	32.98	8.23	7.99	11.2	2.98
486	10/10/2007 11:01	12.52	50.483	33.03	8.39	7.99	9.3	3.05
487	10/10/2007 11:16	12.27	50.561	33.08	8.57	7.99	9.2	3.13
488	10/10/2007 11:31	12.18	50.589	33.09	8.62	7.99	5.7	3.18
489	10/10/2007 11:46	12.18	50.64	33.13	8.62	7.99	4.7	3.24
490	10/10/2007 12:01	12.13	50.551	33.06	8.67	7.99	6.5	3.28
491	10/10/2007 12:16	12.11	50.533	33.05	8.59	7.98	2.0	3.29
492	10/10/2007 12:31	12.32	50.595	33.1	8.51	7.99	4.1	3.31
493	10/10/2007 12:46	12.27	50.541	33.06	8.47	7.98	3.9	3.28
494	10/10/2007 13:01	12.14	50.258	32.85	8.63	7.98	3.0	3.25
495	10/10/2007 13:16	12.19	50.583	33.09	8.57	7.98	3.9	3.17
496	10/10/2007 13:31	12.94	50.195	32.84	8.59	8	4.3	3.09
497	10/10/2007 13:46	12.94	50.359	32.96	8.57	8	8.8	2.99
498	10/10/2007 14:01	13.26	50.443	33.03	8.62	8.01	8.4	2.90
499	10/10/2007 14:16	13.34	50.246	32.89	8.43	8.01	7.5	2.80
500	10/10/2007 14:31	13.49	50.373	32.99	8.36	8.01	7.3	2.68
501	10/10/2007 14:46	13.67	50.136	32.82	8.38	8.02	6.7	2.56
502	10/10/2007 15:01	13.79	50.263	32.92	8.36	8.02	7.6	2.47
503	10/10/2007 15:16	13.88	50.335	32.98	8.5	8.03	6.9	2.36
504	10/10/2007 15:31	13.88	50.238	32.91	8.73	8.05	5.1	2.23
505	10/10/2007 15:46	13.96	50.262	32.92	8.78	8.05	7.0	2.13
506	10/10/2007 16:01	14.11	50.318	32.97	8.78	8.05	6.4	1.99
507	10/10/2007 16:16	14.23	49.991	32.74	8.97	8.07	6.2	1.90
508	10/10/2007 16:31	14.36	50.225	32.91	9.1	8.09	7.6	1.79
509	10/10/2007 16:46	14.49	50.273	32.95	9.33	8.1	5.7	1.67
510	10/10/2007 17:01	14.52	50.103	32.83	8.94	8.08	5.8	1.56
511	10/10/2007 17:16	14.6	50.094	32.82	9.04	8.09	5.2	1.46
512	10/10/2007 17:31	14.67	49.981	32.74	9.1	8.1	4.6	1.39
513	10/10/2007 17:46	14.71	49.608	32.47	9	8.09	5.0	1.34
514	10/10/2007 18:01	14.76	50.037	32.78	9	8.11	5.3	1.26
515	10/10/2007 18:16	14.89	49.919	32.7	9.02	8.12	4.2	1.24
516	10/10/2007 18:31	14.92	49.89	32.68	8.78	8.11	3.1	1.28
517	10/10/2007 18:46	14.87	49.721	32.56	9.07	8.11	4.3	1.30
518	10/10/2007 19:01	14.83	49.976	32.74	8.93	8.1	4.5	1.32
519	10/10/2007 19:16	14.79	49.882	32.67	8.81	8.1	5.4	1.37
520	10/10/2007 19:31	14.77	49.887	32.67	8.76	8.09	5.6	1.48
521	10/10/2007 19:46	14.82	49.208	32.18	8.49	8.06	7.9	1.55
522	10/10/2007 20:01	14.79	49.204	32.18	8.49	8.06	7.0	1.63
523	10/10/2007 20:16	14.78	49.243	32.2	8.35	8.05	6.5	1.72
524	10/10/2007 20:31	14.7	49.368	32.29	8.39	8.05	6.6	1.81
525	10/10/2007 20:46	14.62	49.717	32.55	8.45	8.05	6.2	1.91
526	10/10/2007 21:01	14.54	49.836	32.63	8.42	8.05	5.4	1.97
527	10/10/2007 21:16	14.39	49.983	32.73	8.33	8.04	5.4	2.06

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	10/10/2007 21:31	14.28	49.963	32.72	8.17	8.02	5.7	2.14
529	10/10/2007 21:46	14.24	50.056	32.78	8.11	8.02	6.1	2.23
530	10/10/2007 22:01	14.27	49.792	32.59	8.07	8.01	6.0	2.31
531	10/10/2007 22:16	14.22	50.229	32.91	8.03	8.01	6.5	2.38
532	10/10/2007 22:31	14.05	50.202	32.88	8.1	8.01	7.0	2.47
533	10/10/2007 22:46	13.92	50.179	32.86	8.14	8.01	7.7	2.56
534	10/10/2007 23:01	13.83	50.271	32.93	8.15	8.01	7.6	2.63
535	10/10/2007 23:16	13.7	50.229	32.89	8.22	8	8.6	2.71
536	10/10/2007 23:31	13.5	50.341	32.97	8.3	8	8.7	2.77
537	10/10/2007 23:46	13.31	50.339	32.96	8.35	8	8.9	2.83
538	10/11/2007 00:01	13.04	50.461	33.04	8.51	8	6.4	2.90
539	10/11/2007 00:16	12.92	50.503	33.06	8.57	7.99	7.1	2.95
540	10/11/2007 00:31	12.82	50.303	32.91	8.6	7.99	6.2	3.01
541	10/11/2007 00:46	12.79	50.511	33.06	8.54	7.99	4.1	3.04
542	10/11/2007 01:01	13.09	50.359	32.96	8.33	7.99	3.3	3.06
543	10/11/2007 01:16	12.95	50.52	33.08	8.36	7.98	3.9	3.07
544	10/11/2007 01:31	12.82	50.476	33.04	8.46	7.98	4.1	3.04
545	10/11/2007 01:46	12.76	50.204	32.84	8.49	7.98	5.4	3.00
546	10/11/2007 02:01	12.99	50.377	32.97	8.32	7.98	5.0	2.94
547	10/11/2007 02:16	13.45	50.057	32.76	7.81	7.97	6.0	2.86
548	10/11/2007 02:31	13.34	50.309	32.94	7.99	7.98	5.5	2.76
549	10/11/2007 02:46	13.43	50.271	32.91	7.94	7.98	6.7	2.67
550	10/11/2007 03:01	13.47	50.296	32.93	7.77	7.97	5.7	2.57
551	10/11/2007 03:16	13.54	50.026	32.74	7.72	7.97	5.6	2.48
552	10/11/2007 03:31	13.67	50.243	32.9	7.64	7.97	5.1	2.38
553	10/11/2007 03:46	13.9	50.126	32.82	7.51	7.97	5.4	2.29
554	10/11/2007 04:01	13.97	50.192	32.87	7.54	7.97	4.9	2.22
555	10/11/2007 04:16	13.81	50.315	32.96	7.71	7.98	5.5	2.13
556	10/11/2007 04:31	13.8	50.231	32.9	7.62	7.97	5.4	2.04
557	10/11/2007 04:46	13.9	49.909	32.67	7.74	7.99	5.1	1.96
558	10/11/2007 05:01	13.94	50.217	32.89	7.65	7.98	5.0	1.89
559	10/11/2007 05:16	13.96	50.169	32.86	7.67	7.99	5.0	1.84
560	10/11/2007 05:31	14.02	50.109	32.82	7.59	7.99	4.0	1.77
561	10/11/2007 05:46	14.03	50.005	32.74	7.55	7.99	4.5	1.71
562	10/11/2007 06:01	14.08	50.172	32.86	7.54	7.99	3.7	1.68
563	10/11/2007 06:16	14.16	49.945	32.7	7.5	7.99	2.3	1.66
564	10/11/2007 06:31	14.16	49.797	32.59	7.39	7.99	1.6	1.68
565	10/11/2007 06:46	14.16	49.683	32.51	7.6	8.01	3.2	1.68
566	10/11/2007 07:01	14.14	50.041	32.77	7.6	8	3.3	1.71
567	10/11/2007 07:16	14.13	49.939	32.69	7.66	8	4.3	1.77
568	10/11/2007 07:31	14.1	49.935	32.69	7.66	8	4.6	1.83
569	10/11/2007 07:46	14.04	49.565	32.42	7.6	7.99	6.3	1.90
570	10/11/2007 08:01	14	48.933	31.96	7.56	7.98	7.6	1.97
571	10/11/2007 08:16	13.96	49.331	32.25	7.56	7.98	7.1	2.07
572	10/11/2007 08:31	13.96	49.741	32.54	7.62	7.98	6.3	2.14
573	10/11/2007 08:46	13.87	49.884	32.65	7.63	7.98	7.5	2.22
574	10/11/2007 09:01	13.81	49.682	32.5	7.69	7.98	5.4	2.30
575	10/11/2007 09:16	13.73	50.085	32.79	7.8	7.98	5.3	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
576	10/11/2007 09:31	13.69	50.196	32.87	7.85	7.98	6.2	2.46
577	10/11/2007 09:46	13.67	50.123	32.81	7.89	7.98	6.1	2.53
578	10/11/2007 10:01	13.63	50.129	32.82	7.95	7.98	6.2	2.62
579	10/11/2007 10:16	13.42	50.274	32.92	8.03	7.98	7.4	2.70
580	10/11/2007 10:31	13.29	50.109	32.79	8.1	7.98	8.1	2.78
581	10/11/2007 10:46	13.11	49.963	32.68	8.18	7.98	9.1	2.87
582	10/11/2007 11:01	12.81	50.287	32.9	8.34	7.97	9.6	2.94
583	10/11/2007 11:16	12.63	50.418	32.99	8.44	7.97	9.9	3.02
584	10/11/2007 11:31	12.34	50.494	33.03	8.6	7.97	9.2	3.10
585	10/11/2007 11:46	12.16	50.44	32.98	8.68	7.97	8.3	3.16
586	10/11/2007 12:01	12.04	50.651	33.13	8.72	7.97	6.8	3.21
587	10/11/2007 12:16	12	50.58	33.08	8.72	7.97	6.7	3.26
588	10/11/2007 12:31	12.02	50.79	33.23	8.65	7.97	3.9	3.29
589	10/11/2007 12:46	12.54	50.495	33.04	8.43	7.96	3.1	3.30
590	10/11/2007 13:01	12.18	50.435	32.98	8.52	7.96	4.5	3.29
591	10/11/2007 13:16	11.99	50.475	33	8.65	7.96	4.1	3.27
592	10/11/2007 13:31	11.99	50.661	33.14	8.61	7.96	3.7	3.21
593	10/11/2007 13:46	12.55	50.559	33.09	8.49	7.97	4.5	3.16
594	10/11/2007 14:01	13.12	50.435	33.02	8.48	7.99	4.3	3.07
595	10/11/2007 14:16	13.02	50.404	33	8.47	7.98	7.3	2.98
596	10/11/2007 14:31	13.13	50.404	33	8.46	7.98	6.1	2.87
597	10/11/2007 14:46	13.31	50.304	32.93	8.56	7.99	4.2	2.76
598	10/11/2007 15:01	13.47	50.158	32.83	8.23	7.99	6.9	2.65
599	10/11/2007 15:16	13.68	50.154	32.84	8.13	7.99	6.4	2.54
600	10/11/2007 15:31	13.76	50.031	32.75	8.2	7.99	6.8	2.42
601	10/11/2007 15:46	13.88	50.334	32.98	8.27	8	6.2	2.31
602	10/11/2007 16:01	13.78	50.271	32.93	8.59	8.02	5.0	2.19
603	10/11/2007 16:16	13.76	49.965	32.7	8.58	8.01	6.9	2.06
604	10/11/2007 16:31	13.8	50.322	32.96	8.66	8.02	6.0	1.96
605	10/11/2007 16:46	13.9	50.238	32.91	8.54	8.02	5.1	1.84
606	10/11/2007 17:01	13.88	50.333	32.97	8.75	8.04	5.3	1.73
607	10/11/2007 17:16	14.04	50	32.74	8.59	8.03	5.1	1.60
608	10/11/2007 17:31	14.11	50.05	32.77	8.74	8.04	4.5	1.51
609	10/11/2007 17:46	14.13	49.908	32.67	8.62	8.04	3.8	1.39
610	10/11/2007 18:01	14.21	49.796	32.59	8.52	8.04	6.8	1.29
611	10/11/2007 18:16	14.26	50.09	32.81	8.36	8.04	4.7	1.24
612	10/11/2007 18:31	14.32	49.822	32.61	8.29	8.03	5.7	1.18
613	10/11/2007 18:46	14.37	50.041	32.78	8.24	8.04	5.0	1.16
614	10/11/2007 19:01	14.42	49.747	32.56	8.01	8.02	1.8	1.15
615	10/11/2007 19:16	14.38	49.844	32.63	8.24	8.04	4.1	1.17
616	10/11/2007 19:31	14.45	50.047	32.78	8.36	8.05	3.4	1.20
617	10/11/2007 19:46	14.44	49.865	32.65	8.37	8.05	3.9	1.27
618	10/11/2007 20:01	14.46	49.961	32.72	8.43	8.06	3.4	1.33
619	10/11/2007 20:16	14.41	49.76	32.57	8.27	8.03	5.5	1.43
620	10/11/2007 20:31	14.38	48.967	31.99	8.08	8.01	7.0	1.52
621	10/11/2007 20:46	14.37	49.184	32.15	7.99	8	7.0	1.59
622	10/11/2007 21:01	14.32	49.366	32.28	8.05	8.01	6.1	1.69
623	10/11/2007 21:16	14.27	49.742	32.55	8.12	8.01	5.6	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
624	10/11/2007 21:31	14.23	49.838	32.62	8.14	8.01	4.8	1.86
625	10/11/2007 21:46	14.15	49.83	32.62	8.13	8.01	4.8	1.95
626	10/11/2007 22:01	14.06	50.082	32.8	8.04	8	5.5	2.04
627	10/11/2007 22:16	14.01	50.169	32.86	8	7.99	5.5	2.13
628	10/11/2007 22:31	14.03	49.967	32.71	7.95	7.99	5.9	2.21
629	10/11/2007 22:46	13.94	49.907	32.67	7.96	7.98	6.5	2.29
630	10/11/2007 23:01	13.77	50.079	32.79	8.03	7.98	6.8	2.37
631	10/11/2007 23:16	13.67	49.961	32.7	8.07	7.98	6.6	2.45
632	10/11/2007 23:31	13.59	50.114	32.8	8.08	7.98	7.1	2.52
633	10/11/2007 23:46	13.43	50.105	32.79	8.13	7.98	9.2	2.61
634	10/12/2007 00:01	13.24	50.136	32.81	8.21	7.97	7.3	2.68
635	10/12/2007 00:16	13	50.491	33.06	8.31	7.97	8.6	2.75
636	10/12/2007 00:31	12.73	50.501	33.05	8.42	7.97	8.2	2.82
637	10/12/2007 00:46	12.56	50.518	33.06	8.49	7.96	7.3	2.88
638	10/12/2007 01:01	12.45	50.496	33.04	8.52	7.96	6.3	2.93
639	10/12/2007 01:16	12.37	50.604	33.11	8.54	7.96	4.9	2.98
640	10/12/2007 01:31	12.33	50.362	32.93	8.53	7.96	3.3	3.01
641	10/12/2007 01:46	12.35	50.546	33.07	8.39	7.95	2.0	3.02
642	10/12/2007 02:01	12.46	50.481	33.03	8.4	7.95	4.3	3.02
643	10/12/2007 02:16	12.3	50.459	33	8.51	7.95	3.9	2.99
644	10/12/2007 02:31	12.33	50.758	33.22	8.49	7.96	4.3	2.95
645	10/12/2007 02:46	12.46	50.61	33.12	8.39	7.95	4.8	2.88
646	10/12/2007 03:01	12.91	50.364	32.96	8.1	7.95	6.2	2.81
647	10/12/2007 03:16	13.06	50.079	32.76	7.98	7.95	6.6	2.72
648	10/12/2007 03:31	13.09	50.32	32.94	7.91	7.94	5.2	2.64
649	10/12/2007 03:46	13.17	50.306	32.93	7.85	7.94	5.4	2.54
650	10/12/2007 04:01	13.17	50.192	32.85	7.84	7.94	5.4	2.45
651	10/12/2007 04:16	13.46	50.042	32.75	7.74	7.95	5.3	2.38
652	10/12/2007 04:31	13.51	50.028	32.74	7.67	7.95	4.5	2.29
653	10/12/2007 04:46	13.62	50.09	32.79	7.6	7.95	4.2	2.21
654	10/12/2007 05:01	13.59	49.832	32.6	7.56	7.94	4.2	2.15
655	10/12/2007 05:16	13.58	50.036	32.75	7.61	7.95	4.4	2.07
656	10/12/2007 05:31	13.72	50.127	32.82	7.59	7.95	4.6	2.02
657	10/12/2007 05:46	13.77	50.012	32.74	7.59	7.95	4.0	1.95
658	10/12/2007 06:01	13.78	50.135	32.83	7.5	7.95	3.6	1.90
659	10/12/2007 06:16	13.9	50.055	32.77	7.47	7.95	3.3	1.86
660	10/12/2007 06:31	13.91	49.915	32.67	7.4	7.95	3.1	1.83
661	10/12/2007 06:46	13.94	50.074	32.79	7.35	7.95	3.1	1.81
662	10/12/2007 07:01	14.01	49.985	32.72	7.37	7.95	3.2	1.82
663	10/12/2007 07:16	13.9	49.961	32.7	7.43	7.95	3.1	1.83
664	10/12/2007 07:31	13.96	49.649	32.48	7.5	7.96	2.9	1.84
665	10/12/2007 07:46	13.94	49.823	32.6	7.52	7.96	3.4	1.90
666	10/12/2007 08:01	13.96	49.819	32.6	7.52	7.96	4.0	1.97
667	10/12/2007 08:16	13.9	49.974	32.71	7.52	7.96	5.1	2.02
668	10/12/2007 08:31	13.85	49.734	32.54	7.44	7.94	8.0	2.10
669	10/12/2007 08:46	13.78	49.785	32.57	7.53	7.95	6.4	2.17
670	10/12/2007 09:01	13.68	50.227	32.89	7.56	7.95	6.2	2.25
671	10/12/2007 09:16	13.64	50.213	32.88	7.6	7.95	6.4	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
672	10/12/2007 09:31	13.51	50.277	32.92	7.69	7.95	5.6	2.40
673	10/12/2007 09:46	13.36	50.313	32.94	7.85	7.95	6.1	2.49
674	10/12/2007 10:01	13.28	50.088	32.77	7.93	7.95	5.8	2.58
675	10/12/2007 10:16	13.19	50.22	32.87	7.98	7.95	7.4	2.66
676	10/12/2007 10:31	13.04	50.24	32.88	8.05	7.95	7.5	2.74
677	10/12/2007 10:46	12.86	50.309	32.92	8.14	7.95	7.0	2.83
678	10/12/2007 11:01	12.76	50.16	32.81	8.19	7.95	7.6	2.91
679	10/12/2007 11:16	12.45	50.302	32.9	8.29	7.94	8.4	2.99
680	10/12/2007 11:31	12.25	50.306	32.89	8.35	7.94	8.1	3.07
681	10/12/2007 11:46	12.02	50.382	32.94	8.43	7.94	7.6	3.15
682	10/12/2007 12:01	11.82	50.259	32.84	8.49	7.94	6.2	3.21
683	10/12/2007 12:16	11.71	50.606	33.08	8.49	7.93	6.1	3.27
684	10/12/2007 12:31	11.63	50.707	33.15	8.49	7.93	5.1	3.32
Mean		13.66	50.42	33.03	8.51	8.05	5.9	2.29
Standard Dev.		0.81	0.34	0.24	0.59	0.06	2.6	0.58

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
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	10/12/2007 12:46	11.57	50.469	32.98	8.49	7.78	3.3	3.41
1	10/12/2007 13:01	11.57	50.524	33.02	8.39	7.86	3.8	3.44
2	10/12/2007 13:16	11.92	50.51	33.02	8.33	7.88	3.5	3.43
3	10/12/2007 13:31	11.76	50.597	33.08	8.27	7.88	3.6	3.41
4	10/12/2007 13:46	11.62	50.676	33.13	8.29	7.88	3.3	3.38
5	10/12/2007 14:01	11.67	50.704	33.15	8.28	7.88	3.8	3.31
6	10/12/2007 14:16	12.64	50.553	33.09	8.46	7.93	3.4	3.24
7	10/12/2007 14:31	12.9	50.535	33.09	8.45	7.94	8.7	3.15
8	10/12/2007 14:46	13.19	50.525	33.09	8.51	7.94	5.5	3.05
9	10/12/2007 15:01	13.25	50.495	33.07	8.45	7.94	5.7	2.94
10	10/12/2007 15:16	13.24	50.524	33.09	8.34	7.94	6.3	2.82
11	10/12/2007 15:31	13.42	50.504	33.08	8.43	7.95	6.7	2.72
12	10/12/2007 15:46	13.59	50.505	33.09	8.47	7.96	6.9	2.61
13	10/12/2007 16:01	13.81	50.481	33.08	8.54	7.97	5.8	2.50
14	10/12/2007 16:16	13.84	50.482	33.08	8.67	7.98	6.0	2.38
15	10/12/2007 16:31	13.74	50.557	33.13	9.11	7.99	5.0	2.26
16	10/12/2007 16:46	13.77	50.561	33.14	9	7.99	5.0	2.15
17	10/12/2007 17:01	13.93	50.513	33.11	8.91	7.99	7.6	2.03
18	10/12/2007 17:16	14.1	50.452	33.07	9.12	8	6.8	1.90
19	10/12/2007 17:31	14.25	50.411	33.04	8.97	8.01	9.0	1.79
20	10/12/2007 17:46	14.28	50.409	33.04	8.93	8.01	8.8	1.67
21	10/12/2007 18:01	14.35	50.367	33.01	8.86	8.01	8.7	1.55
22	10/12/2007 18:16	14.32	50.371	33.02	8.83	8.02	8.0	1.44
23	10/12/2007 18:31	14.36	50.34	32.99	8.68	8.01	6.7	1.35
24	10/12/2007 18:46	14.39	50.32	32.98	8.55	8	6.3	1.28
25	10/12/2007 19:01	14.49	50.27	32.95	8.54	8	5.7	1.22
26	10/12/2007 19:16	14.59	50.222	32.91	8.51	8	6.5	1.19
27	10/12/2007 19:31	14.71	50.169	32.88	8.56	8.01	5.5	1.18
28	10/12/2007 19:46	14.86	50.103	32.83	8.47	8.02	2.4	1.18
29	10/12/2007 20:01	14.94	50.065	32.81	8.83	8.04	5.0	1.23
30	10/12/2007 20:16	14.91	50.078	32.82	9	8.04	5.3	1.27
31	10/12/2007 20:31	14.9	50.07	32.81	9.11	8.05	5.7	1.34
32	10/12/2007 20:46	14.88	50.07	32.81	9.13	8.04	5.8	1.41
33	10/12/2007 21:01	14.91	49.687	32.53	8.68	8	7.2	1.51
34	10/12/2007 21:16	14.86	49.763	32.59	8.67	7.99	6.0	1.59
35	10/12/2007 21:31	14.88	49.508	32.4	8.44	7.97	7.4	1.68
36	10/12/2007 21:46	14.85	49.542	32.42	8.46	7.97	6.3	1.76
37	10/12/2007 22:01	14.74	49.882	32.67	8.59	7.98	5.8	1.85
38	10/12/2007 22:16	14.67	49.974	32.74	8.6	7.98	5.6	1.92
39	10/12/2007 22:31	14.59	50.032	32.78	8.59	7.97	5.0	2.01
40	10/12/2007 22:46	14.41	50.146	32.85	8.35	7.95	5.4	2.10
41	10/12/2007 23:01	14.36	50.182	32.88	8.27	7.94	5.2	2.18
42	10/12/2007 23:16	14.28	50.234	32.91	8.19	7.93	5.5	2.27
43	10/12/2007 23:31	14.15	50.28	32.94	8.19	7.92	6.0	2.34
44	10/12/2007 23:46	14.04	50.3	32.95	8.2	7.92	6.8	2.43
45	10/13/2007 00:01	13.9	50.31	32.96	8.24	7.92	6.5	2.50
46	10/13/2007 00:16	13.84	50.334	32.97	8.23	7.91	6.6	2.57
47	10/13/2007 00:31	13.7	50.334	32.97	8.25	7.91	7.4	2.65

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
48	10/13/2007 00:46	13.51	50.385	33	8.28	7.9	8.3	2.72
49	10/13/2007 01:01	13.35	50.427	33.02	8.3	7.9	7.4	2.79
50	10/13/2007 01:16	13.13	50.47	33.05	8.36	7.89	6.9	2.85
51	10/13/2007 01:31	12.98	50.505	33.07	8.4	7.89	5.8	2.90
52	10/13/2007 01:46	12.93	50.487	33.05	8.41	7.88	5.0	2.95
53	10/13/2007 02:01	12.87	50.473	33.04	8.35	7.88	4.6	2.98
54	10/13/2007 02:16	13.13	50.444	33.03	8.15	7.88	4.1	3.00
55	10/13/2007 02:31	12.99	50.492	33.06	8.17	7.88	3.9	3.01
56	10/13/2007 02:46	12.8	50.534	33.08	8.25	7.87	4.4	2.99
57	10/13/2007 03:01	12.81	50.523	33.07	8.26	7.87	4.1	2.95
58	10/13/2007 03:16	12.99	50.461	33.04	8.2	7.87	4.9	2.90
59	10/13/2007 03:31	13.31	50.37	32.98	7.99	7.88	5.3	2.84
60	10/13/2007 03:46	13.3	50.365	32.98	8.03	7.87	5.2	2.76
61	10/13/2007 04:01	13.4	50.337	32.96	7.97	7.87	6.6	2.67
62	10/13/2007 04:16	13.55	50.304	32.94	7.73	7.86	5.8	2.60
63	10/13/2007 04:31	13.61	50.261	32.91	7.69	7.86	5.7	2.52
64	10/13/2007 04:46	13.68	50.239	32.9	7.59	7.86	5.7	2.45
65	10/13/2007 05:01	13.8	50.193	32.87	7.54	7.86	5.2	2.38
66	10/13/2007 05:16	13.88	50.176	32.86	7.46	7.85	4.7	2.31
67	10/13/2007 05:31	13.94	50.167	32.86	7.5	7.86	5.1	2.26
68	10/13/2007 05:46	13.76	50.222	32.89	7.69	7.86	4.9	2.18
69	10/13/2007 06:01	13.82	50.188	32.87	7.77	7.87	4.8	2.14
70	10/13/2007 06:16	13.92	50.158	32.85	7.81	7.88	4.2	2.09
71	10/13/2007 06:31	13.92	50.138	32.83	7.76	7.88	4.3	2.04
72	10/13/2007 06:46	14.04	50.088	32.8	7.75	7.89	4.5	2.01
73	10/13/2007 07:01	14.01	50.087	32.8	7.66	7.88	3.5	1.99
74	10/13/2007 07:16	14.07	50.053	32.78	7.65	7.88	2.7	1.98
75	10/13/2007 07:31	14.06	50.043	32.77	7.48	7.87	2.1	1.98
76	10/13/2007 07:46	14.07	50.012	32.75	7.72	7.89	3.9	2.01
77	10/13/2007 08:01	14.02	50.016	32.75	7.74	7.88	4.3	2.02
78	10/13/2007 08:16	14.01	50.033	32.76	7.77	7.88	4.7	2.08
79	10/13/2007 08:31	14.01	50.081	32.79	7.82	7.88	5.6	2.14
80	10/13/2007 08:46	13.92	50.011	32.74	7.79	7.87	6.8	2.18
81	10/13/2007 09:01	13.9	49.918	32.67	7.71	7.86	9.0	2.26
82	10/13/2007 09:16	13.87	50.071	32.78	7.75	7.86	7.2	2.32
83	10/13/2007 09:31	13.82	50.103	32.8	7.72	7.86	7.2	2.39
84	10/13/2007 09:46	13.74	50.152	32.84	7.78	7.86	6.9	2.47
85	10/13/2007 10:01	13.59	50.216	32.88	7.9	7.86	6.2	2.53
86	10/13/2007 10:16	13.51	50.254	32.9	8.01	7.86	7.6	2.61
87	10/13/2007 10:31	13.44	50.303	32.94	8.09	7.86	6.5	2.68
88	10/13/2007 10:46	13.41	50.324	32.95	8.13	7.86	5.5	2.76
89	10/13/2007 11:01	13.3	50.341	32.96	8.19	7.86	5.6	2.84
90	10/13/2007 11:16	13.11	50.412	33	8.24	7.86	6.0	2.92
91	10/13/2007 11:31	12.97	50.437	33.02	8.29	7.86	7.1	3.00
92	10/13/2007 11:46	12.83	50.46	33.03	8.33	7.87	6.6	3.07
93	10/13/2007 12:01	12.53	50.492	33.04	8.39	7.86	6.9	3.16
94	10/13/2007 12:16	12.32	50.526	33.05	8.44	7.86	6.3	3.23
95	10/13/2007 12:31	12.17	50.55	33.06	8.48	7.86	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
96	10/13/2007 12:46	12.04	50.557	33.06	8.47	7.86	4.7	3.34
97	10/13/2007 13:01	11.97	50.563	33.06	8.46	7.86	3.9	3.38
98	10/13/2007 13:16	11.93	50.59	33.08	8.42	7.86	2.6	3.41
99	10/13/2007 13:31	11.98	50.53	33.04	8.35	7.86	1.3	3.43
100	10/13/2007 13:46	12.14	50.56	33.07	8.37	7.86	3.1	3.41
101	10/13/2007 14:01	11.94	50.589	33.08	8.39	7.86	2.7	3.39
102	10/13/2007 14:16	11.96	50.59	33.08	8.37	7.86	3.6	3.35
103	10/13/2007 14:31	12.16	50.528	33.05	8.35	7.86	4.9	3.27
104	10/13/2007 14:46	12.94	50.454	33.03	8.66	7.88	5.8	3.19
105	10/13/2007 15:01	13.12	50.44	33.03	8.71	7.88	5.8	3.11
106	10/13/2007 15:16	13.33	50.389	33	8.7	7.89	7.2	3.00
107	10/13/2007 15:31	13.43	50.356	32.98	8.72	7.89	8.3	2.90
108	10/13/2007 15:46	13.69	50.306	32.95	8.82	7.91	6.0	2.79
109	10/13/2007 16:01	13.85	50.287	32.94	8.92	7.92	5.4	2.68
110	10/13/2007 16:16	14.01	50.235	32.91	8.99	7.93	7.0	2.57
111	10/13/2007 16:31	14.16	50.207	32.89	9.09	7.94	5.6	2.46
112	10/13/2007 16:46	14.01	50.257	32.92	9.08	7.94	4.8	2.35
113	10/13/2007 17:01	13.95	50.284	32.94	9.12	7.93	4.3	2.23
114	10/13/2007 17:16	14.06	50.248	32.92	9.07	7.94	5.2	2.12
115	10/13/2007 17:31	14.16	50.22	32.9	9.09	7.94	5.0	1.99
116	10/13/2007 17:46	14.27	50.203	32.89	9.15	7.95	5.6	1.88
117	10/13/2007 18:01	14.38	50.165	32.87	9.24	7.96	6.1	1.76
118	10/13/2007 18:16	14.41	50.148	32.86	9.26	7.96	6.5	1.63
119	10/13/2007 18:31	14.52	50.112	32.83	9.33	7.98	6.0	1.53
120	10/13/2007 18:46	14.55	50.099	32.82	9.17	7.97	6.0	1.42
121	10/13/2007 19:01	14.59	50.077	32.81	9.12	7.97	6.6	1.32
122	10/13/2007 19:16	14.68	50.052	32.79	9.08	7.97	7.6	1.26
123	10/13/2007 19:31	14.71	50.028	32.78	9.02	7.97	5.8	1.19
124	10/13/2007 19:46	14.89	49.962	32.73	9.24	7.99	4.9	1.16
125	10/13/2007 20:01	15.02	49.903	32.69	9.36	8	2.9	1.15
126	10/13/2007 20:16	15.06	49.895	32.69	9.39	8	0.9	1.14
127	10/13/2007 20:31	15.03	49.904	32.69	9.71	8.03	3.3	1.19
128	10/13/2007 20:46	15	49.917	32.7	9.74	8.02	3.6	1.23
129	10/13/2007 21:01	15	49.905	32.69	9.9	8.03	3.9	1.29
130	10/13/2007 21:16	14.98	49.91	32.7	9.86	8.03	4.0	1.37
131	10/13/2007 21:31	15	49.616	32.48	9.41	7.99	6.2	1.44
132	10/13/2007 21:46	14.95	49.67	32.52	9.33	7.98	5.3	1.52
133	10/13/2007 22:01	14.95	49.586	32.46	9.15	7.97	5.0	1.59
134	10/13/2007 22:16	14.97	49.442	32.35	9.03	7.95	5.5	1.68
135	10/13/2007 22:31	14.9	49.646	32.5	9.13	7.96	4.9	1.75
136	10/13/2007 22:46	14.78	49.824	32.63	9.12	7.96	4.7	1.84
137	10/13/2007 23:01	14.74	49.869	32.66	9.13	7.96	4.6	1.93
138	10/13/2007 23:16	14.68	49.916	32.69	9.06	7.95	4.4	2.00
139	10/13/2007 23:31	14.57	49.988	32.74	8.78	7.93	4.3	2.09
140	10/13/2007 23:46	14.53	50.021	32.77	8.66	7.91	4.7	2.18
141	10/14/2007 00:01	14.51	50.053	32.79	8.56	7.9	4.7	2.25
142	10/14/2007 00:16	14.43	50.096	32.82	8.54	7.9	5.0	2.33
143	10/14/2007 00:31	14.31	50.121	32.83	8.55	7.89	5.2	2.41

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
144	10/14/2007 00:46	14.21	50.128	32.83	8.55	7.89	5.5	2.48
145	10/14/2007 01:01	14.11	50.158	32.85	8.54	7.89	5.4	2.55
146	10/14/2007 01:16	13.98	50.123	32.82	8.53	7.88	6.1	2.62
147	10/14/2007 01:31	13.79	50.19	32.87	8.55	7.88	6.3	2.69
148	10/14/2007 01:46	13.61	50.238	32.9	8.55	7.87	5.5	2.75
149	10/14/2007 02:01	13.42	50.267	32.91	8.56	7.87	5.2	2.81
150	10/14/2007 02:16	13.24	50.312	32.94	8.57	7.87	4.9	2.86
151	10/14/2007 02:31	13.19	50.285	32.92	8.55	7.88	3.8	2.90
152	10/14/2007 02:46	13.13	50.341	32.95	8.48	7.88	3.3	2.93
153	10/14/2007 03:01	13.36	50.254	32.9	8.3	7.87	3.1	2.94
154	10/14/2007 03:16	13.14	50.326	32.94	8.34	7.86	2.5	2.94
155	10/14/2007 03:31	13.05	50.332	32.94	8.44	7.87	2.9	2.92
156	10/14/2007 03:46	13.15	50.318	32.94	8.41	7.86	2.8	2.88
157	10/14/2007 04:01	13.4	50.255	32.9	8.33	7.86	3.5	2.83
158	10/14/2007 04:16	13.74	50.186	32.86	8.12	7.86	4.2	2.77
159	10/14/2007 04:31	13.67	50.187	32.86	8.26	7.86	4.2	2.70
160	10/14/2007 04:46	13.77	50.165	32.85	8.13	7.86	4.4	2.64
161	10/14/2007 05:01	13.84	50.16	32.85	7.99	7.84	5.2	2.57
162	10/14/2007 05:16	13.88	50.026	32.75	7.93	7.84	5.2	2.49
163	10/14/2007 05:31	13.97	50.114	32.82	7.87	7.84	4.6	2.43
164	10/14/2007 05:46	14.07	50.085	32.8	7.82	7.84	3.8	2.38
165	10/14/2007 06:01	14.17	50.071	32.79	7.77	7.85	3.9	2.33
166	10/14/2007 06:16	14.15	50.076	32.8	7.75	7.84	3.9	2.26
167	10/14/2007 06:31	14.2	50.062	32.79	7.75	7.84	3.7	2.22
168	10/14/2007 06:46	14.17	50.063	32.79	7.77	7.85	3.5	2.20
169	10/14/2007 07:01	14.18	50.06	32.78	8.02	7.86	3.3	2.16
170	10/14/2007 07:16	14.23	50.038	32.77	8.08	7.87	2.7	2.13
171	10/14/2007 07:31	14.3	50.008	32.75	8.11	7.88	2.5	2.11
172	10/14/2007 07:46	14.35	49.995	32.74	8.07	7.89	1.1	2.12
173	10/14/2007 08:01	14.29	49.954	32.71	8.13	7.88	3.0	2.13
174	10/14/2007 08:16	14.25	49.992	32.74	8.12	7.88	2.9	2.14
175	10/14/2007 08:31	14.2	50.024	32.76	8.04	7.86	3.3	2.17
176	10/14/2007 08:46	14.21	50.026	32.76	8.11	7.87	3.3	2.22
177	10/14/2007 09:01	14.19	50.04	32.77	8.13	7.87	3.6	2.26
178	10/14/2007 09:16	14.14	50.018	32.75	8.11	7.86	4.8	2.32
179	10/14/2007 09:31	14.12	49.96	32.71	8.08	7.86	5.9	2.37
180	10/14/2007 09:46	14.1	50.022	32.75	8.12	7.87	4.6	2.44
181	10/14/2007 10:01	14.02	50.069	32.79	8.11	7.86	4.3	2.50
182	10/14/2007 10:16	13.88	50.115	32.81	8.12	7.86	4.0	2.56
183	10/14/2007 10:31	13.61	50.195	32.86	8.28	7.86	4.0	2.63
184	10/14/2007 10:46	13.5	50.237	32.89	8.37	7.88	3.5	2.70
185	10/14/2007 11:01	13.43	50.261	32.91	8.4	7.88	3.5	2.76
186	10/14/2007 11:16	13.36	50.282	32.92	8.44	7.88	4.2	2.83
187	10/14/2007 11:31	13.32	50.286	32.92	8.45	7.88	4.4	2.91
188	10/14/2007 11:46	13.15	50.323	32.94	8.48	7.88	4.5	2.98
189	10/14/2007 12:01	12.91	50.366	32.96	8.52	7.87	4.4	3.05
190	10/14/2007 12:16	12.79	50.381	32.97	8.54	7.87	4.1	3.12
191	10/14/2007 12:31	12.64	50.396	32.97	8.55	7.87	3.7	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
192	10/14/2007 12:46	12.49	50.414	32.98	8.56	7.87	3.9	3.24
193	10/14/2007 13:01	12.38	50.422	32.98	8.57	7.87	3.4	3.29
194	10/14/2007 13:16	12.32	50.417	32.97	8.57	7.87	3.3	3.33
195	10/14/2007 13:31	12.26	50.433	32.98	8.6	7.88	2.2	3.37
196	10/14/2007 13:46	12.26	50.443	32.99	8.45	7.87	1.1	3.38
197	10/14/2007 14:01	12.29	50.439	32.99	8.45	7.87	2.1	3.39
198	10/14/2007 14:16	12.42	50.418	32.98	8.42	7.87	1.9	3.38
199	10/14/2007 14:31	12.22	50.437	32.98	8.51	7.87	2.0	3.35
200	10/14/2007 14:46	12.28	50.434	32.99	8.48	7.87	2.2	3.30
201	10/14/2007 15:01	12.55	50.413	32.98	8.49	7.88	2.5	3.23
202	10/14/2007 15:16	13.19	50.307	32.93	8.71	7.9	3.2	3.16
203	10/14/2007 15:31	13.25	50.307	32.93	8.76	7.91	4.4	3.07
204	10/14/2007 15:46	13.49	50.26	32.91	8.78	7.9	4.7	2.98
205	10/14/2007 16:01	13.57	50.187	32.86	8.73	7.9	4.1	2.88
206	10/14/2007 16:16	13.59	50.236	32.89	8.72	7.9	4.9	2.78
207	10/14/2007 16:31	13.78	50.223	32.89	8.75	7.9	3.8	2.69
208	10/14/2007 16:46	13.96	50.174	32.86	8.81	7.91	4.7	2.58
209	10/14/2007 17:01	14.13	50.141	32.84	8.93	7.92	4.6	2.46
210	10/14/2007 17:16	14.13	50.162	32.86	9.32	7.94	4.7	2.36
211	10/14/2007 17:31	13.93	50.219	32.89	9.32	7.94	4.6	2.24
212	10/14/2007 17:46	14.08	50.173	32.86	9.19	7.94	4.7	2.13
213	10/14/2007 18:01	14.15	50.148	32.85	9.17	7.94	4.9	2.01
214	10/14/2007 18:16	14.19	50.131	32.84	9.16	7.94	5.8	1.91
215	10/14/2007 18:31	14.34	50.082	32.81	9.09	7.94	7.1	1.80
216	10/14/2007 18:46	14.26	50.111	32.82	9.16	7.95	6.6	1.68
217	10/14/2007 19:01	14.32	50.081	32.8	9.05	7.94	6.5	1.56
218	10/14/2007 19:16	14.36	50.062	32.79	8.95	7.94	6.8	1.47
219	10/14/2007 19:31	14.38	50.052	32.78	8.85	7.94	5.9	1.38
220	10/14/2007 19:46	14.49	50.001	32.75	8.79	7.94	5.4	1.29
221	10/14/2007 20:01	14.5	50	32.75	8.74	7.93	4.9	1.23
222	10/14/2007 20:16	14.59	49.966	32.73	8.71	7.94	3.8	1.19
223	10/14/2007 20:31	14.68	49.923	32.7	8.82	7.95	2.5	1.19
224	10/14/2007 20:46	14.67	49.934	32.71	8.8	7.95	1.9	1.17
225	10/14/2007 21:01	14.67	49.917	32.69	8.93	7.96	2.9	1.19
226	10/14/2007 21:16	14.71	49.902	32.68	9.13	7.97	3.4	1.24
227	10/14/2007 21:31	14.68	49.907	32.69	9.15	7.97	3.5	1.29
228	10/14/2007 21:46	14.68	49.903	32.68	9.2	7.97	3.8	1.34
229	10/14/2007 22:01	14.64	49.895	32.68	9.16	7.97	3.9	1.42
230	10/14/2007 22:16	14.58	49.513	32.4	8.73	7.92	5.8	1.50
231	10/14/2007 22:31	14.56	49.455	32.35	8.67	7.91	6.0	1.57
232	10/14/2007 22:46	14.56	49.47	32.36	8.65	7.91	5.1	1.63
233	10/14/2007 23:01	14.56	49.546	32.42	8.67	7.92	5.7	1.70
234	10/14/2007 23:16	14.55	49.757	32.57	8.8	7.93	4.7	1.79
235	10/14/2007 23:31	14.51	49.803	32.61	8.81	7.93	4.6	1.85
236	10/14/2007 23:46	14.48	49.816	32.61	8.79	7.93	4.6	1.92
237	10/15/2007 00:01	14.41	49.89	32.67	8.75	7.92	3.8	2.00
238	10/15/2007 00:16	14.35	49.934	32.7	8.65	7.91	3.8	2.08
239	10/15/2007 00:31	14.34	49.974	32.73	8.58	7.9	4.2	2.15

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
240	10/15/2007 00:46	14.35	49.997	32.74	8.51	7.9	4.4	2.22
241	10/15/2007 01:01	14.29	50.036	32.77	8.49	7.9	4.4	2.30
242	10/15/2007 01:16	14.18	50.065	32.79	8.5	7.9	4.7	2.37
243	10/15/2007 01:31	14.09	50.077	32.79	8.48	7.9	4.3	2.44
244	10/15/2007 01:46	14.01	50.08	32.79	8.48	7.9	4.6	2.51
245	10/15/2007 02:01	13.91	50.095	32.8	8.49	7.89	4.6	2.57
246	10/15/2007 02:16	13.77	50.111	32.81	8.5	7.89	4.9	2.63
247	10/15/2007 02:31	13.62	50.129	32.82	8.52	7.89	4.8	2.69
248	10/15/2007 02:46	13.46	50.147	32.82	8.52	7.89	4.3	2.73
249	10/15/2007 03:01	13.32	50.179	32.84	8.52	7.88	3.7	2.78
250	10/15/2007 03:16	13.16	50.211	32.86	8.51	7.88	4.1	2.82
251	10/15/2007 03:31	13.09	50.229	32.87	8.47	7.88	3.0	2.84
252	10/15/2007 03:46	13.12	50.174	32.83	8.31	7.86	1.6	2.86
253	10/15/2007 04:01	13.09	50.222	32.86	8.34	7.87	2.2	2.85
254	10/15/2007 04:16	13.01	50.24	32.87	8.39	7.87	2.8	2.85
255	10/15/2007 04:31	13.07	50.227	32.87	8.37	7.87	2.7	2.81
256	10/15/2007 04:46	13.22	50.193	32.85	8.34	7.88	2.8	2.76
257	10/15/2007 05:01	13.48	50.106	32.79	8.15	7.87	2.9	2.71
258	10/15/2007 05:16	13.6	50.058	32.76	8.04	7.86	3.9	2.66
259	10/15/2007 05:31	13.63	49.966	32.7	8.03	7.86	3.3	2.60
260	10/15/2007 05:46	13.64	50.027	32.74	8	7.86	3.0	2.54
261	10/15/2007 06:01	13.67	49.975	32.71	8	7.86	3.9	2.48
262	10/15/2007 06:16	13.72	50.072	32.78	7.97	7.86	4.4	2.44
263	10/15/2007 06:31	13.77	50.05	32.76	7.87	7.85	4.4	2.39
264	10/15/2007 06:46	13.87	50.033	32.75	7.82	7.85	4.3	2.34
265	10/15/2007 07:01	13.88	50.021	32.75	7.73	7.85	3.7	2.31
266	10/15/2007 07:16	13.93	50.014	32.74	7.71	7.85	2.9	2.28
267	10/15/2007 07:31	14.01	49.992	32.73	7.72	7.86	2.3	2.25
268	10/15/2007 07:46	14.02	50.003	32.74	7.74	7.86	2.4	2.24
269	10/15/2007 08:01	14.04	50	32.74	7.73	7.86	1.8	2.23
270	10/15/2007 08:16	14.05	50.003	32.74	7.69	7.84	1.9	2.23
271	10/15/2007 08:31	14	49.989	32.73	7.91	7.86	3.5	2.24
272	10/15/2007 08:46	14.03	49.976	32.72	7.98	7.87	2.9	2.25
273	10/15/2007 09:01	14.02	49.967	32.71	8.02	7.87	2.9	2.27
274	10/15/2007 09:16	14.01	49.969	32.71	8.01	7.87	3.3	2.31
275	10/15/2007 09:31	14	49.973	32.72	8.07	7.87	3.5	2.33
276	10/15/2007 09:46	13.95	49.978	32.72	8.13	7.88	4.2	2.39
277	10/15/2007 10:01	13.88	49.948	32.69	8.13	7.87	5.1	2.44
278	10/15/2007 10:16	13.81	49.931	32.68	8.16	7.87	4.9	2.49
279	10/15/2007 10:31	13.76	49.909	32.66	8.18	7.87	4.7	2.55
280	10/15/2007 10:46	13.65	49.999	32.72	8.17	7.87	3.8	2.61
281	10/15/2007 11:01	13.47	50.089	32.78	8.2	7.87	3.7	2.69
282	10/15/2007 11:16	13.26	50.151	32.82	8.35	7.87	3.6	2.74
283	10/15/2007 11:31	13.14	50.204	32.85	8.43	7.88	3.0	2.82
284	10/15/2007 11:46	13.05	50.235	32.87	8.48	7.88	3.1	2.88
285	10/15/2007 12:01	12.98	50.248	32.88	8.52	7.88	3.2	2.95
286	10/15/2007 12:16	12.83	50.279	32.9	8.57	7.88	2.7	3.02
287	10/15/2007 12:31	12.71	50.288	32.9	8.59	7.89	3.0	3.08

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
288	10/15/2007 12:46	12.59	50.292	32.9	8.61	7.89	2.9	3.15
289	10/15/2007 13:01	12.46	50.281	32.88	8.64	7.89	2.5	3.20
290	10/15/2007 13:16	12.4	50.315	32.9	8.64	7.89	3.0	3.25
291	10/15/2007 13:31	12.37	50.333	32.92	8.64	7.89	2.4	3.28
292	10/15/2007 13:46	12.34	50.317	32.9	8.6	7.89	1.6	3.32
293	10/15/2007 14:01	12.28	50.32	32.9	8.59	7.89	1.8	3.35
294	10/15/2007 14:16	12.39	50.252	32.86	8.31	7.88	1.6	3.36
295	10/15/2007 14:31	12.41	50.302	32.9	8.51	7.89	1.4	3.36
296	10/15/2007 14:46	12.35	50.303	32.89	8.46	7.88	1.8	3.36
297	10/15/2007 15:01	12.29	50.306	32.89	8.52	7.88	1.4	3.32
298	10/15/2007 15:16	12.31	50.309	32.9	8.51	7.88	1.9	3.27
299	10/15/2007 15:31	12.59	50.242	32.86	8.53	7.89	2.4	3.22
300	10/15/2007 15:46	12.83	50.262	32.88	8.67	7.9	2.5	3.16
301	10/15/2007 16:01	12.98	50.214	32.86	8.66	7.91	3.1	3.08
302	10/15/2007 16:16	13.02	50.224	32.86	8.63	7.9	4.1	2.99
303	10/15/2007 16:31	13.15	50.205	32.86	8.65	7.9	4.4	2.91
304	10/15/2007 16:46	13.33	50.163	32.83	8.66	7.91	4.1	2.83
305	10/15/2007 17:01	13.51	50.106	32.8	8.65	7.91	3.7	2.73
306	10/15/2007 17:16	13.64	50.094	32.79	8.63	7.91	4.0	2.62
307	10/15/2007 17:31	13.75	50.078	32.78	8.65	7.92	4.4	2.52
308	10/15/2007 17:46	13.78	50.078	32.78	8.64	7.92	4.3	2.43
309	10/15/2007 18:01	13.7	50.097	32.8	8.63	7.91	5.0	2.32
310	10/15/2007 18:16	13.69	50.098	32.8	8.63	7.91	4.4	2.21
311	10/15/2007 18:31	13.72	50.077	32.78	8.59	7.91	4.3	2.10
312	10/15/2007 18:46	13.88	50.05	32.77	8.54	7.92	5.9	1.99
313	10/15/2007 19:01	13.94	50.025	32.75	8.47	7.91	6.3	1.88
314	10/15/2007 19:16	13.92	50.028	32.75	8.38	7.91	6.3	1.77
315	10/15/2007 19:31	13.95	50.014	32.74	8.31	7.9	6.5	1.67
316	10/15/2007 19:46	14.07	49.978	32.72	8.26	7.9	6.3	1.58
317	10/15/2007 20:01	14.15	49.952	32.7	8.25	7.91	6.1	1.47
318	10/15/2007 20:16	14.17	49.94	32.7	8.16	7.9	5.7	1.40
319	10/15/2007 20:31	14.21	49.921	32.68	8.11	7.9	5.4	1.33
320	10/15/2007 20:46	14.27	49.883	32.66	8.11	7.9	4.9	1.27
321	10/15/2007 21:01	14.33	49.819	32.61	8.15	7.91	3.8	1.25
322	10/15/2007 21:16	14.41	49.754	32.57	8.12	7.92	2.7	1.22
323	10/15/2007 21:31	14.43	49.75	32.56	8	7.91	0.3	1.24
324	10/15/2007 21:46	14.42	49.73	32.55	8.3	7.93	2.7	1.25
325	10/15/2007 22:01	14.4	49.734	32.55	8.38	7.93	3.4	1.29
326	10/15/2007 22:16	14.37	49.705	32.53	8.36	7.92	3.7	1.35
327	10/15/2007 22:31	14.35	49.736	32.55	8.39	7.93	3.6	1.40
328	10/15/2007 22:46	14.29	49.549	32.41	8.29	7.91	4.4	1.47
329	10/15/2007 23:01	14.27	49.375	32.29	8.2	7.89	4.9	1.54
330	10/15/2007 23:16	14.28	49.444	32.34	8.24	7.9	4.6	1.59
331	10/15/2007 23:31	14.27	49.44	32.33	8.19	7.9	4.3	1.66
332	10/15/2007 23:46	14.23	49.235	32.18	8.19	7.89	4.6	1.73
333	10/16/2007 00:01	14.25	49.491	32.37	8.24	7.9	4.1	1.81
334	10/16/2007 00:16	14.22	49.614	32.46	8.27	7.9	3.6	1.87
335	10/16/2007 00:31	14.2	49.589	32.44	8.3	7.9	3.5	1.93

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
336	10/16/2007 00:46	14.16	49.777	32.58	8.35	7.9	3.6	2.01
337	10/16/2007 01:01	14.12	49.838	32.62	8.34	7.9	3.3	2.07
338	10/16/2007 01:16	14.1	49.867	32.64	8.33	7.9	3.5	2.15
339	10/16/2007 01:31	14.09	49.897	32.66	8.32	7.9	3.3	2.21
340	10/16/2007 01:46	14.11	49.92	32.68	8.32	7.9	3.7	2.29
341	10/16/2007 02:01	14.05	49.956	32.7	8.35	7.9	3.9	2.35
342	10/16/2007 02:16	13.97	49.961	32.71	8.37	7.9	3.6	2.41
343	10/16/2007 02:31	13.89	49.987	32.72	8.38	7.9	3.3	2.47
344	10/16/2007 02:46	13.82	50.003	32.73	8.39	7.9	3.5	2.52
345	10/16/2007 03:01	13.78	49.987	32.72	8.38	7.89	3.6	2.57
346	10/16/2007 03:16	13.71	50.009	32.73	8.37	7.89	3.4	2.63
347	10/16/2007 03:31	13.6	50.012	32.73	8.41	7.89	3.0	2.67
348	10/16/2007 03:46	13.52	50.021	32.73	8.4	7.89	2.8	2.71
349	10/16/2007 04:01	13.47	50.036	32.74	8.4	7.89	3.9	2.74
350	10/16/2007 04:16	13.39	50.048	32.75	8.34	7.89	2.1	2.76
351	10/16/2007 04:31	13.36	49.878	32.62	8.16	7.88	1.4	2.78
352	10/16/2007 04:46	13.43	50.038	32.74	8.16	7.88	2.1	2.78
353	10/16/2007 05:01	13.32	50.061	32.76	8.25	7.88	2.5	2.76
354	10/16/2007 05:16	13.36	50.054	32.75	8.2	7.88	1.8	2.75
355	10/16/2007 05:31	13.42	50.037	32.74	8.19	7.88	1.9	2.71
356	10/16/2007 05:46	13.6	49.979	32.71	7.99	7.87	3.8	2.67
357	10/16/2007 06:01	13.62	49.928	32.67	7.87	7.86	5.0	2.63
358	10/16/2007 06:16	13.7	49.949	32.69	7.83	7.86	3.8	2.58
359	10/16/2007 06:31	13.66	49.929	32.67	7.79	7.85	4.3	2.54
360	10/16/2007 06:46	13.67	49.937	32.68	7.74	7.85	4.4	2.49
361	10/16/2007 07:01	13.68	49.907	32.66	7.65	7.84	3.5	2.45
362	10/16/2007 07:16	13.66	49.892	32.64	7.53	7.83	3.7	2.41
363	10/16/2007 07:31	13.66	49.869	32.63	7.44	7.83	3.5	2.39
364	10/16/2007 07:46	13.7	49.888	32.64	7.5	7.84	1.8	2.36
365	10/16/2007 08:01	13.66	49.862	32.62	7.39	7.82	3.3	2.33
366	10/16/2007 08:16	13.72	49.879	32.64	7.31	7.83	1.0	2.32
367	10/16/2007 08:31	13.76	49.874	32.64	7.42	7.84	1.7	2.32
368	10/16/2007 08:46	13.72	49.894	32.65	7.63	7.84	3.7	2.32
369	10/16/2007 09:01	13.65	49.864	32.62	7.62	7.84	3.5	2.32
370	10/16/2007 09:16	13.66	49.883	32.64	7.71	7.84	3.9	2.34
371	10/16/2007 09:31	13.68	49.901	32.65	7.86	7.86	3.4	2.37
372	10/16/2007 09:46	13.68	49.945	32.68	7.99	7.87	3.4	2.39
373	10/16/2007 10:01	13.66	49.953	32.69	8.06	7.87	3.0	2.42
374	10/16/2007 10:16	13.62	49.763	32.55	8.13	7.87	3.3	2.46
375	10/16/2007 10:31	13.59	49.827	32.59	8.15	7.87	3.4	2.52
376	10/16/2007 10:46	13.52	49.948	32.68	8.11	7.87	4.4	2.56
377	10/16/2007 11:01	13.47	49.974	32.7	8.17	7.87	3.7	2.61
378	10/16/2007 11:16	13.45	49.979	32.7	8.16	7.87	3.8	2.66
379	10/16/2007 11:31	13.24	50.044	32.74	8.27	7.88	2.9	2.71
380	10/16/2007 11:46	13.1	50.088	32.77	8.39	7.89	2.7	2.77
381	10/16/2007 12:01	12.99	50.117	32.78	8.47	7.89	2.9	2.81
382	10/16/2007 12:16	12.97	50.122	32.79	8.5	7.89	2.1	2.89
383	10/16/2007 12:31	12.97	50.126	32.79	8.51	7.9	2.1	2.93

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
384	10/16/2007 12:46	12.92	50.139	32.8	8.53	7.9	1.6	2.99
385	10/16/2007 13:01	12.86	50.143	32.8	8.59	7.91	1.8	3.04
386	10/16/2007 13:16	12.81	50.14	32.79	8.61	7.91	1.7	3.09
387	10/16/2007 13:31	12.79	50.132	32.79	8.61	7.91	1.9	3.13
388	10/16/2007 13:46	12.78	50.126	32.78	8.62	7.92	1.6	3.19
389	10/16/2007 14:01	12.78	50.115	32.77	8.6	7.92	2.1	3.23
390	10/16/2007 14:16	12.8	50.105	32.77	8.6	7.92	1.2	3.26
391	10/16/2007 14:31	12.85	50.101	32.77	8.49	7.92	0.5	3.27
392	10/16/2007 14:46	12.93	50.106	32.77	8.56	7.91	1.2	3.29
393	10/16/2007 15:01	12.88	50.128	32.79	8.13	7.89	0.3	3.30
394	10/16/2007 15:16	12.83	50.123	32.78	8.37	7.91	1.3	3.28
395	10/16/2007 15:31	12.82	50.119	32.78	8.42	7.91	0.3	3.26
396	10/16/2007 15:46	12.84	50.125	32.78	8.47	7.91	1.1	3.23
397	10/16/2007 16:01	12.88	50.13	32.79	8.52	7.91	2.2	3.18
398	10/16/2007 16:16	12.97	50.117	32.78	8.59	7.92	2.0	3.12
399	10/16/2007 16:31	13.15	50.045	32.74	8.64	7.92	2.5	3.07
400	10/16/2007 16:46	13.27	49.999	32.71	8.65	7.92	2.6	2.99
401	10/16/2007 17:01	13.32	50.05	32.75	8.7	7.92	3.0	2.92
402	10/16/2007 17:16	13.45	50.024	32.73	8.7	7.92	2.7	2.84
403	10/16/2007 17:31	13.62	50.002	32.72	8.74	7.92	3.4	2.75
404	10/16/2007 17:46	13.77	49.971	32.71	8.84	7.94	3.3	2.66
405	10/16/2007 18:01	13.86	49.961	32.7	8.77	7.93	4.1	2.57
406	10/16/2007 18:16	13.89	49.951	32.7	8.69	7.92	4.7	2.49
407	10/16/2007 18:31	13.9	49.944	32.69	8.64	7.92	4.4	2.40
408	10/16/2007 18:46	13.83	49.952	32.69	8.59	7.92	3.9	2.30
409	10/16/2007 19:01	13.68	49.987	32.71	8.53	7.91	4.1	2.20
410	10/16/2007 19:16	13.63	50.001	32.72	8.5	7.91	5.5	2.10
411	10/16/2007 19:31	13.69	49.955	32.69	8.48	7.91	5.3	2.00
412	10/16/2007 19:46	13.66	49.958	32.69	8.39	7.9	5.2	1.90
413	10/16/2007 20:01	13.66	49.948	32.69	8.32	7.89	6.1	1.81
414	10/16/2007 20:16	13.7	49.92	32.67	8.24	7.89	6.1	1.71
415	10/16/2007 20:31	13.73	49.894	32.65	8.17	7.89	5.9	1.62
416	10/16/2007 20:46	13.74	49.887	32.64	8.14	7.88	5.2	1.52
417	10/16/2007 21:01	13.81	49.85	32.62	8.2	7.89	6.4	1.44
418	10/16/2007 21:16	13.82	49.793	32.58	8.22	7.89	4.9	1.39
419	10/16/2007 21:31	13.9	49.774	32.57	8.3	7.9	4.6	1.35
420	10/16/2007 21:46	13.88	49.689	32.5	8.34	7.9	3.8	1.31
421	10/16/2007 22:01	13.9	49.645	32.47	8.29	7.9	2.9	1.28
422	10/16/2007 22:16	13.9	49.665	32.49	8.34	7.9	2.9	1.32
423	10/16/2007 22:31	13.9	49.669	32.49	8.5	7.91	3.6	1.31
424	10/16/2007 22:46	13.88	49.686	32.5	8.51	7.91	3.4	1.33
425	10/16/2007 23:01	13.86	49.655	32.48	8.56	7.91	3.4	1.40
426	10/16/2007 23:16	13.86	49.668	32.49	8.56	7.91	3.7	1.44
427	10/16/2007 23:31	13.84	49.674	32.49	8.54	7.91	3.5	1.49
428	10/16/2007 23:46	13.82	49.395	32.29	8.48	7.89	4.3	1.55
429	10/17/2007 00:01	13.82	49.214	32.16	8.43	7.89	5.0	1.62
430	10/17/2007 00:16	13.85	49.341	32.25	8.43	7.89	4.2	1.67
431	10/17/2007 00:31	13.85	49.314	32.23	8.4	7.89	4.1	1.73

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
432	10/17/2007 00:46	13.83	49.284	32.21	8.4	7.89	4.4	1.78
433	10/17/2007 01:01	13.83	49.35	32.26	8.42	7.89	4.1	1.86
434	10/17/2007 01:16	13.79	49.44	32.32	8.43	7.89	3.8	1.93
435	10/17/2007 01:31	13.78	49.537	32.39	8.42	7.89	3.8	1.98
436	10/17/2007 01:46	13.77	49.627	32.46	8.41	7.89	3.5	2.05
437	10/17/2007 02:01	13.8	49.716	32.52	8.38	7.89	3.5	2.12
438	10/17/2007 02:16	13.81	49.775	32.56	8.36	7.89	3.8	2.18
439	10/17/2007 02:31	13.81	49.793	32.58	8.33	7.89	3.9	2.24
440	10/17/2007 02:46	13.82	49.828	32.6	8.31	7.89	3.5	2.30
441	10/17/2007 03:01	13.79	49.874	32.64	8.33	7.89	3.4	2.36
442	10/17/2007 03:16	13.75	49.899	32.65	8.34	7.89	3.8	2.42
443	10/17/2007 03:31	13.69	49.918	32.67	8.36	7.89	3.2	2.47
444	10/17/2007 03:46	13.66	49.919	32.66	8.37	7.89	3.2	2.52
445	10/17/2007 04:01	13.62	49.931	32.67	8.38	7.89	2.9	2.57
446	10/17/2007 04:16	13.57	49.941	32.68	8.37	7.89	3.0	2.62
447	10/17/2007 04:31	13.53	49.936	32.67	8.36	7.89	2.6	2.66
448	10/17/2007 04:46	13.46	49.933	32.67	8.35	7.9	2.4	2.70
449	10/17/2007 05:01	13.39	49.939	32.67	8.38	7.9	2.5	2.73
450	10/17/2007 05:16	13.36	49.953	32.68	8.22	7.89	0.8	2.73
451	10/17/2007 05:31	13.35	49.967	32.69	7.9	7.88	0.5	2.76
452	10/17/2007 05:46	13.37	49.964	32.69	8.17	7.89	1.9	2.76
453	10/17/2007 06:01	13.36	49.959	32.68	8.21	7.89	2.3	2.76
454	10/17/2007 06:16	13.34	49.962	32.68	8.25	7.89	2.2	2.74
455	10/17/2007 06:31	13.37	49.953	32.68	8.17	7.89	1.9	2.70
456	10/17/2007 06:46	13.44	49.917	32.66	8.11	7.88	2.9	2.67
457	10/17/2007 07:01	13.49	49.858	32.61	7.82	7.85	4.8	2.64
458	10/17/2007 07:16	13.4	49.728	32.52	7.58	7.83	4.9	2.60
459	10/17/2007 07:31	13.39	49.783	32.56	7.63	7.83	6.0	2.56
460	10/17/2007 07:46	13.43	49.794	32.57	7.72	7.84	11.4	2.52
461	10/17/2007 08:01	13.39	49.747	32.53	7.56	7.83	4.1	2.49
462	10/17/2007 08:16	13.32	49.738	32.52	7.46	7.82	3.9	2.47
463	10/17/2007 08:31	13.33	49.735	32.52	7.49	7.82	3.8	2.43
464	10/17/2007 08:46	13.39	49.754	32.54	7.51	7.83	2.8	2.43
465	10/17/2007 09:01	13.35	49.736	32.52	7.23	7.81	1.9	2.41
466	10/17/2007 09:16	13.17	49.714	32.5	7.24	7.79	4.6	2.40
467	10/17/2007 09:31	13.3	49.706	32.5	7.49	7.81	4.3	2.40
468	10/17/2007 09:46	13.45	49.752	32.54	7.72	7.84	3.6	2.42
469	10/17/2007 10:01	13.4	49.755	32.54	7.67	7.83	4.1	2.44
470	10/17/2007 10:16	13.5	49.794	32.57	7.86	7.85	3.2	2.45
471	10/17/2007 10:31	13.54	49.814	32.58	7.95	7.86	2.9	2.48
472	10/17/2007 10:46	13.56	49.829	32.6	8.02	7.87	3.0	2.51
473	10/17/2007 11:01	13.58	49.843	32.61	8.07	7.87	2.7	2.53
474	10/17/2007 11:16	13.64	49.82	32.59	8.15	7.88	3.0	2.56
475	10/17/2007 11:31	13.6	49.824	32.59	8.16	7.88	3.0	2.61
476	10/17/2007 11:46	13.58	49.854	32.61	8.18	7.88	2.7	2.65
477	10/17/2007 12:01	13.52	49.883	32.63	8.17	7.88	2.6	2.69
478	10/17/2007 12:16	13.47	49.929	32.67	8.19	7.88	2.8	2.74
479	10/17/2007 12:31	13.42	49.927	32.66	8.26	7.89	2.6	2.77

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
480	10/17/2007 12:46	13.37	49.957	32.68	8.3	7.89	2.9	2.81
481	10/17/2007 13:01	13.31	49.992	32.71	8.37	7.9	2.1	2.85
482	10/17/2007 13:16	13.27	50.01	32.72	8.47	7.91	2.1	2.90
483	10/17/2007 13:31	13.26	50.011	32.72	8.5	7.92	1.6	2.95
484	10/17/2007 13:46	13.23	50.023	32.73	8.55	7.92	1.6	2.98
485	10/17/2007 14:01	13.23	50.026	32.73	8.57	7.93	1.4	3.03
486	10/17/2007 14:16	13.26	50.021	32.72	8.55	7.93	1.3	3.07
487	10/17/2007 14:31	13.28	50.024	32.73	8.6	7.93	1.3	3.12
488	10/17/2007 14:46	13.27	50.021	32.73	8.6	7.93	1.1	3.14
489	10/17/2007 15:01	13.28	50.021	32.73	8.55	7.93	1.3	3.17
490	10/17/2007 15:16	13.31	50	32.71	8.32	7.92	1.4	3.18
491	10/17/2007 15:31	13.33	50.017	32.72	8.43	7.92	0.2	3.18
492	10/17/2007 15:46	13.31	50.022	32.73	8.29	7.91	1.6	3.19
493	10/17/2007 16:01	13.28	50.022	32.73	8.38	7.93	1.0	3.17
494	10/17/2007 16:16	13.29	50.021	32.73	8.27	7.92	0.3	3.17
495	10/17/2007 16:31	13.29	50.001	32.71	8.35	7.93	2.7	3.13
496	10/17/2007 16:46	13.29	50.021	32.73	8.39	7.93	1.4	3.09
497	10/17/2007 17:01	13.32	50.017	32.72	8.45	7.93	1.6	3.04
498	10/17/2007 17:16	13.44	49.966	32.69	8.52	7.94	2.7	2.97
499	10/17/2007 17:31	13.59	49.989	32.71	8.62	7.93	1.7	2.92
500	10/17/2007 17:46	13.77	49.982	32.71	8.71	7.93	1.9	2.84
501	10/17/2007 18:01	13.93	49.935	32.69	8.86	7.94	3.0	2.79
502	10/17/2007 18:16	14.1	49.908	32.67	9.08	7.95	2.9	2.70
503	10/17/2007 18:31	14.15	49.871	32.65	9.13	7.95	3.3	2.62
504	10/17/2007 18:46	14.21	49.859	32.64	9.09	7.95	4.1	2.55
505	10/17/2007 19:01	14.25	49.85	32.63	9.15	7.95	3.7	2.46
506	10/17/2007 19:16	14.32	49.844	32.63	9.12	7.95	5.2	2.36
507	10/17/2007 19:31	14.2	49.856	32.64	9.01	7.94	3.7	2.28
508	10/17/2007 19:46	14.11	49.895	32.66	8.8	7.93	3.5	2.22
509	10/17/2007 20:01	14.09	49.868	32.64	8.83	7.93	4.5	2.11
510	10/17/2007 20:16	14.14	49.84	32.62	8.91	7.94	4.4	2.03
511	10/17/2007 20:31	14.14	49.825	32.61	8.92	7.94	5.4	1.93
512	10/17/2007 20:46	14.15	49.807	32.6	8.93	7.94	6.0	1.83
513	10/17/2007 21:01	14.14	49.793	32.59	8.84	7.93	5.2	1.74
514	10/17/2007 21:16	14.17	49.691	32.51	8.95	7.94	4.8	1.65
515	10/17/2007 21:31	14.19	49.552	32.41	9.27	7.96	4.4	1.57
516	10/17/2007 21:46	14.2	49.419	32.32	9.36	7.96	3.9	1.52
517	10/17/2007 22:01	14.19	49.449	32.34	9.37	7.96	3.6	1.48
518	10/17/2007 22:16	14.19	49.442	32.33	9.35	7.96	3.5	1.44
519	10/17/2007 22:31	14.19	49.415	32.31	9.2	7.96	2.4	1.41
520	10/17/2007 22:46	14.19	49.4	32.3	9.3	7.96	2.6	1.35
521	10/17/2007 23:01	14.18	49.442	32.33	9.36	7.97	3.8	1.41
522	10/17/2007 23:16	14.17	49.455	32.34	9.36	7.96	3.9	1.39
523	10/17/2007 23:31	14.16	49.482	32.36	9.34	7.96	3.7	1.40
524	10/17/2007 23:46	14.16	49.506	32.38	9.31	7.96	3.7	1.42
525	10/18/2007 00:01	14.17	49.536	32.4	9.37	7.96	4.0	1.49
526	10/18/2007 00:16	14.18	49.553	32.41	9.49	7.97	3.7	1.53
527	10/18/2007 00:31	14.25	49.405	32.31	9.48	7.97	3.7	1.56

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
528	10/18/2007 00:46	14.27	49.426	32.32	9.5	7.97	3.4	1.62
529	10/18/2007 01:01	14.29	49.257	32.2	9.4	7.96	3.8	1.64
530	10/18/2007 01:16	14.38	48.732	31.82	9.13	7.94	4.3	1.67
531	10/18/2007 01:31	14.33	49.041	32.05	9.22	7.95	4.0	1.79
532	10/18/2007 01:46	14.31	49.179	32.15	9.22	7.95	3.8	1.81
533	10/18/2007 02:01	14.3	49.33	32.26	9.25	7.95	3.6	1.85
534	10/18/2007 02:16	14.31	49.414	32.32	9.24	7.95	3.3	1.90
535	10/18/2007 02:31	14.3	49.257	32.2	9.19	7.95	3.8	2.01
536	10/18/2007 02:46	14.29	49.506	32.38	9.15	7.95	3.2	2.07
537	10/18/2007 03:01	14.24	49.443	32.34	9.02	7.94	3.3	2.12
538	10/18/2007 03:16	14.18	49.581	32.43	8.82	7.92	3.3	2.18
539	10/18/2007 03:31	14.17	49.714	32.53	8.7	7.91	3.0	2.22
540	10/18/2007 03:46	14.16	49.757	32.56	8.67	7.91	3.5	2.30
541	10/18/2007 04:01	14.13	49.782	32.58	8.65	7.91	3.6	2.35
542	10/18/2007 04:16	14.09	49.816	32.6	8.63	7.91	3.0	2.39
543	10/18/2007 04:31	14.02	49.823	32.61	8.62	7.91	3.1	2.46
544	10/18/2007 04:46	13.98	49.817	32.6	8.59	7.91	3.1	2.50
545	10/18/2007 05:01	13.95	49.829	32.61	8.59	7.92	2.8	2.56
546	10/18/2007 05:16	13.91	49.846	32.62	8.58	7.92	2.8	2.58
547	10/18/2007 05:31	13.85	49.856	32.63	8.57	7.92	2.4	2.61
548	10/18/2007 05:46	13.84	49.846	32.62	8.53	7.92	2.5	2.65
549	10/18/2007 06:01	13.79	49.829	32.6	8.5	7.92	3.0	2.69
550	10/18/2007 06:16	13.76	49.841	32.61	8.44	7.91	1.4	2.69
551	10/18/2007 06:31	13.75	49.832	32.6	8.38	7.91	1.3	2.70
552	10/18/2007 06:46	13.59	49.871	32.63	8.22	7.91	0.0	2.71
553	10/18/2007 07:01	13.59	49.88	32.63	8.08	7.9	1.6	2.72
554	10/18/2007 07:16	13.72	49.856	32.62	8.33	7.91	2.5	2.71
555	10/18/2007 07:31	13.65	49.847	32.61	8.3	7.91	1.1	2.69
556	10/18/2007 07:46	13.63	49.865	32.62	8.38	7.91	2.1	2.63
557	10/18/2007 08:01	13.65	49.835	32.6	8.38	7.91	3.0	2.65
558	10/18/2007 08:16	13.67	49.782	32.57	8.34	7.9	5.5	2.62
559	10/18/2007 08:31	13.68	49.759	32.55	8.28	7.9	9.7	2.58
560	10/18/2007 08:46	13.76	49.718	32.52	8.31	7.9	8.5	2.58
561	10/18/2007 09:01	13.8	49.832	32.61	8.35	7.91	7.2	2.53
562	10/18/2007 09:16	13.82	49.83	32.61	8.36	7.91	3.9	2.52
563	10/18/2007 09:31	13.83	49.829	32.6	8.34	7.91	3.7	2.51
564	10/18/2007 09:46	13.84	49.825	32.6	8.29	7.91	3.0	2.49
565	10/18/2007 10:01	13.84	49.827	32.6	8.07	7.91	1.8	2.48
566	10/18/2007 10:16	13.83	49.823	32.6	8.23	7.9	2.1	2.48
567	10/18/2007 10:31	13.82	49.817	32.6	8.15	7.9	3.6	2.47
568	10/18/2007 10:46	13.8	49.76	32.55	8.34	7.91	3.9	2.48
569	10/18/2007 11:01	13.77	49.771	32.56	8.32	7.9	4.3	2.49
570	10/18/2007 11:16	13.74	49.732	32.53	8.29	7.9	4.7	2.49
571	10/18/2007 11:31	13.71	49.759	32.55	8.3	7.9	5.7	2.53
572	10/18/2007 11:46	13.68	49.753	32.54	8.3	7.9	5.0	2.53
573	10/18/2007 12:01	13.64	49.772	32.56	8.37	7.9	3.1	2.55
574	10/18/2007 12:16	13.61	49.786	32.57	8.4	7.91	2.7	2.58
575	10/18/2007 12:31	13.61	49.817	32.59	8.42	7.91	2.4	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
576	10/18/2007 12:46	13.57	49.866	32.62	8.5	7.92	2.1	2.67
577	10/18/2007 13:01	13.51	49.881	32.63	8.56	7.93	2.0	2.68
578	10/18/2007 13:16	13.45	49.894	32.64	8.61	7.94	1.9	2.71
579	10/18/2007 13:31	13.42	49.902	32.64	8.66	7.95	1.8	2.74
580	10/18/2007 13:46	13.39	49.9	32.64	8.69	7.95	2.1	2.78
581	10/18/2007 14:01	13.38	49.902	32.64	8.75	7.96	1.8	2.81
582	10/18/2007 14:16	13.39	49.891	32.63	8.79	7.96	1.6	2.87
583	10/18/2007 14:31	13.39	49.875	32.62	8.81	7.96	1.6	2.91
584	10/18/2007 14:46	13.4	49.874	32.62	8.85	7.96	1.4	2.93
585	10/18/2007 15:01	13.41	49.855	32.61	8.86	7.96	1.3	2.97
586	10/18/2007 15:16	13.41	49.87	32.62	8.85	7.96	1.2	2.99
587	10/18/2007 15:31	13.43	49.898	32.64	8.83	7.96	1.4	3.04
588	10/18/2007 15:46	13.44	49.895	32.64	8.82	7.96	1.6	3.07
589	10/18/2007 16:01	13.4	49.906	32.65	8.83	7.96	1.1	3.08
590	10/18/2007 16:16	13.42	49.899	32.64	8.75	7.96	0.3	3.09
591	10/18/2007 16:31	13.43	49.892	32.64	8.64	7.96	0.3	3.11
592	10/18/2007 16:46	13.42	49.908	32.65	8.25	7.93	0.7	3.11
593	10/18/2007 17:01	13.4	49.899	32.64	8.61	7.95	1.2	3.10
594	10/18/2007 17:16	13.39	49.9	32.64	8.58	7.95	0.4	3.10
595	10/18/2007 17:31	13.62	49.848	32.61	8.96	7.98	1.6	3.07
596	10/18/2007 17:46	13.74	49.822	32.6	8.97	7.98	2.0	3.01
597	10/18/2007 18:01	13.71	49.75	32.54	8.84	7.97	2.8	2.98
598	10/18/2007 18:16	13.64	49.844	32.61	8.71	7.95	2.9	2.92
599	10/18/2007 18:31	13.57	49.865	32.62	8.63	7.95	1.7	2.86
600	10/18/2007 18:46	13.59	49.862	32.62	8.64	7.95	2.0	2.81
601	10/18/2007 19:01	13.6	49.85	32.61	8.59	7.95	1.9	2.73
602	10/18/2007 19:16	13.63	49.846	32.61	8.53	7.94	2.0	2.68
603	10/18/2007 19:31	13.7	49.764	32.55	8.43	7.93	3.1	2.62
604	10/18/2007 19:46	13.77	49.746	32.54	8.32	7.92	3.9	2.51
605	10/18/2007 20:01	13.83	49.718	32.52	8.2	7.91	4.7	2.46
606	10/18/2007 20:16	13.94	49.682	32.5	8.04	7.89	5.0	2.39
607	10/18/2007 20:31	14.05	49.625	32.46	7.89	7.88	5.1	2.31
608	10/18/2007 20:46	14.07	49.546	32.41	7.87	7.88	5.2	2.22
609	10/18/2007 21:01	14.08	49.486	32.36	7.94	7.88	6.9	2.13
610	10/18/2007 21:16	14.03	49.395	32.29	8.01	7.88	8.3	2.06
611	10/18/2007 21:31	14.03	49.276	32.21	8.03	7.88	8.0	1.98
612	10/18/2007 21:46	14.06	49.223	32.17	7.96	7.88	8.3	1.88
613	10/18/2007 22:01	14.11	49.146	32.12	7.76	7.87	9.2	1.80
614	10/18/2007 22:16	14.08	49.221	32.17	7.93	7.88	7.1	1.73
615	10/18/2007 22:31	14.1	49.19	32.15	7.82	7.87	6.5	1.65
616	10/18/2007 22:46	14.11	49.201	32.16	7.79	7.87	5.8	1.55
617	10/18/2007 23:01	14.11	49.185	32.14	7.78	7.87	4.7	1.52
618	10/18/2007 23:16	14.12	49.156	32.12	7.66	7.86	2.1	1.47
619	10/18/2007 23:31	14.16	49.112	32.09	7.62	7.85	4.8	1.44
620	10/18/2007 23:46	14.14	49.131	32.11	7.52	7.85	3.5	1.42
621	10/19/2007 00:01	14.13	49.125	32.1	7.53	7.86	2.9	1.42
622	10/19/2007 00:16	14.13	49.15	32.12	7.84	7.87	4.6	1.41
623	10/19/2007 00:31	14.12	49.186	32.15	7.85	7.87	5.0	1.43

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
624	10/19/2007 00:46	14.11	49.173	32.14	7.92	7.88	4.8	1.44
625	10/19/2007 01:01	14.1	49.183	32.14	7.93	7.88	5.0	1.51
626	10/19/2007 01:16	14.08	49.22	32.17	7.9	7.87	5.4	1.53
627	10/19/2007 01:31	14.09	49.213	32.16	7.92	7.88	4.9	1.58
628	10/19/2007 01:46	14.14	48.969	31.99	7.99	7.88	5.2	1.62
629	10/19/2007 02:01	14.19	48.666	31.77	8.08	7.89	5.2	1.68
630	10/19/2007 02:16	14.21	48.526	31.67	8.1	7.89	4.9	1.75
631	10/19/2007 02:31	14.1	49.109	32.09	8.04	7.89	4.1	1.79
632	10/19/2007 02:46	14.09	49.076	32.06	8.06	7.89	4.2	1.86
633	10/19/2007 03:01	14.13	48.919	31.95	8.1	7.89	4.2	1.92
634	10/19/2007 03:16	14.06	49.215	32.16	8.08	7.89	3.6	1.98
635	10/19/2007 03:31	14.09	49.108	32.09	8.16	7.9	3.9	2.03
636	10/19/2007 03:46	14.11	49.057	32.05	8.19	7.9	4.1	2.10
637	10/19/2007 04:01	14.12	49.17	32.13	8.16	7.89	4.8	2.16
638	10/19/2007 04:16	14.13	49.153	32.12	8.13	7.89	5.8	2.24
639	10/19/2007 04:31	14.15	49.046	32.04	8.09	7.88	5.0	2.28
640	10/19/2007 04:46	14.15	49.213	32.17	8.04	7.88	5.5	2.33
641	10/19/2007 05:01	14.15	49.314	32.24	8	7.87	5.2	2.41
642	10/19/2007 05:16	14.11	49.334	32.25	8	7.87	5.5	2.46
643	10/19/2007 05:31	14.08	49.093	32.08	8.06	7.88	5.0	2.51
644	10/19/2007 05:46	14.04	49.281	32.21	8.06	7.88	4.8	2.57
645	10/19/2007 06:01	14.01	49.247	32.19	8.07	7.88	5.0	2.61
646	10/19/2007 06:16	13.98	49.331	32.25	8.07	7.88	28.5	2.66
647	10/19/2007 06:31	13.94	49.344	32.25	8.07	7.88	3.3	2.71
648	10/19/2007 06:46	13.92	49.13	32.1	8.16	7.9	3.4	2.76
649	10/19/2007 07:01	13.9	48.921	31.95	8.22	7.9	3.6	2.78
650	10/19/2007 07:16	13.85	49.036	32.03	8.23	7.91	2.9	2.82
651	10/19/2007 07:31	13.88	49.114	32.09	8.03	7.89	1.7	2.84
652	10/19/2007 07:46	13.86	49.348	32.26	7.75	7.89	21.8	2.87
653	10/19/2007 08:01	13.89	49.26	32.19	7.98	7.89	4.1	2.86
654	10/19/2007 08:16	13.82	49.311	32.23	8.09	7.9	3.6	2.84
655	10/19/2007 08:31	13.92	49.257	32.19	7.93	7.88	2.9	2.84
656	10/19/2007 08:46	13.97	49.108	32.08	8.01	7.88	14.9	2.81
657	10/19/2007 09:01	14	49.086	32.07	7.89	7.88	3.8	2.78
658	10/19/2007 09:16	14.02	49.112	32.09	7.96	7.88	4.2	2.75
659	10/19/2007 09:31	14.03	49.041	32.04	7.99	7.88	4.1	2.69
660	10/19/2007 09:46	14.07	48.913	31.94	7.92	7.87	4.0	2.67
661	10/19/2007 10:01	14.11	48.769	31.84	7.88	7.87	4.4	2.64
662	10/19/2007 10:16	14.12	48.8	31.86	7.8	7.86	2.4	2.60
663	10/19/2007 10:31	14.15	48.762	31.84	7.73	7.86	3.0	2.57
664	10/19/2007 10:46	14.16	48.731	31.82	7.69	7.85	3.9	2.55
Mean		13.73	49.93	32.67	8.41	7.90	4.0	2.39
Standard Dev.		0.61	0.37	0.26	0.44	0.04	2.1	0.58

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	10/19/2007 11:01	14.21	48.755	31.83	8.03	7.86		2.07
1	10/19/2007 11:16	14.24	48.671	31.77	7.6	7.88	3.9	2.05
2	10/19/2007 11:31	14.23	48.578	31.71	7.36	7.87	3.8	2.03
3	10/19/2007 11:46	14.24	48.708	31.8	6.97	7.85	4.3	2.03
4	10/19/2007 12:01	14.23	48.851	31.9	6.97	7.85	4.0	2.03
5	10/19/2007 12:16	14.23	48.787	31.86	7.03	7.85	5.4	2.01
6	10/19/2007 12:31	14.24	48.488	31.64	7.32	7.87	3.9	2.03
7	10/19/2007 12:46	14.23	48.665	31.77	7.22	7.87	2.4	2.02
8	10/19/2007 13:01	14.2	48.727	31.81	6.8	7.84	2.8	2.02
9	10/19/2007 13:16	14.15	48.784	31.85	7.55	7.9	3.2	2.05
10	10/19/2007 13:31	14.17	48.624	31.74	7.67	7.9	2.7	2.06
11	10/19/2007 13:46	14.16	48.907	31.94	7.64	7.89	3.2	2.09
12	10/19/2007 14:01	14.15	49.009	32.02	7.67	7.91	2.4	2.12
13	10/19/2007 14:16	14.14	48.709	31.8	7.72	7.91	3.1	2.15
14	10/19/2007 14:31	14.12	48.862	31.91	7.7	7.92	2.5	2.18
15	10/19/2007 14:46	14.07	48.896	31.93	7.74	7.92	2.4	2.21
16	10/19/2007 15:01	14.05	48.9	31.93	7.82	7.93	2.8	2.25
17	10/19/2007 15:16	14.05	48.819	31.88	7.72	7.92	1.6	2.27
18	10/19/2007 15:31	14	48.871	31.91	7.78	7.92	1.7	2.32
19	10/19/2007 15:46	13.97	48.765	31.83	7.84	7.93	2.1	2.36
20	10/19/2007 16:01	13.96	48.982	31.99	7.89	7.94	2.4	2.38
21	10/19/2007 16:16	13.93	48.896	31.93	7.72	7.92	2.4	2.42
22	10/19/2007 16:31	13.88	48.981	31.99	7.76	7.93	1.0	2.47
23	10/19/2007 16:46	13.86	48.857	31.9	7.87	7.93	1.6	2.49
24	10/19/2007 17:01	13.85	49.2	32.15	7.74	7.94	1.2	2.52
25	10/19/2007 17:16	13.83	49.139	32.1	7.69	7.92	1.0	2.54
26	10/19/2007 17:31	13.83	48.009	31.28	7.47	7.9	0.6	2.55
27	10/19/2007 17:46	13.82	49.158	32.12	7.18	7.9	0.6	2.57
28	10/19/2007 18:01	13.82	49.299	32.22	6.89	7.88	0.0	2.55
29	10/19/2007 18:16	13.82	49.136	32.1	7.01	7.85	0.0	2.54
30	10/19/2007 18:31	13.83	49.289	32.21	6.4	7.85	0.0	2.53
31	10/19/2007 18:46	13.87	49.344	32.25	6.91	7.86	0.9	2.50
32	10/19/2007 19:01	13.87	49.243	32.18	6.15	7.82	1.3	2.46
33	10/19/2007 19:16	14.01	48.836	31.89	7.38	7.89	0.8	2.41
34	10/19/2007 19:31	14.02	49.046	32.04	7.24	7.89	0.8	2.37
35	10/19/2007 19:46	14.07	48.845	31.9	7.33	7.88	1.7	2.30
36	10/19/2007 20:01	14.19	48.542	31.68	7.6	7.91	2.3	2.24
37	10/19/2007 20:16	14.28	48.239	31.46	7.62	7.91	2.8	2.18
38	10/19/2007 20:31	14.29	48.427	31.6	7.52	7.9	3.4	2.10
39	10/19/2007 20:46	14.41	48.21	31.44	8.02	7.92	4.4	2.19
40	10/19/2007 21:01	14.42	47.964	31.27	8.06	7.92	4.7	2.11
41	10/19/2007 21:16	14.45	47.661	31.05	7.97	7.92	5.3	2.05
42	10/19/2007 21:31	14.44	47.939	31.25	7.96	7.92	4.5	1.97
43	10/19/2007 21:46	14.44	47.671	31.05	8.03	7.92	6.1	1.89
44	10/19/2007 22:01	14.45	47.883	31.21	8.02	7.92	4.4	1.82
45	10/19/2007 22:16	14.45	47.881	31.21	8.04	7.92	4.6	1.72
46	10/19/2007 22:31	14.44	47.734	31.1	7.99	7.93	5.4	1.65
47	10/19/2007 22:46	14.46	48.136	31.39	8.03	7.92	5.5	1.58

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	10/19/2007 23:01	14.45	47.806	31.15	8.02	7.92	5.9	1.48
49	10/19/2007 23:16	14.43	47.847	31.18	7.96	7.92	6.4	1.41
50	10/19/2007 23:31	14.44	47.71	31.08	8.01	7.93	5.9	1.34
51	10/19/2007 23:46	14.41	47.958	31.26	7.92	7.91	6.2	1.28
52	10/20/2007 00:01	14.41	47.654	31.04	7.85	7.91	7.0	1.22
53	10/20/2007 00:16	14.39	47.481	30.92	7.78	7.91	7.1	1.15
54	10/20/2007 00:31	14.41	47.545	30.96	7.78	7.91	5.8	1.11
55	10/20/2007 00:46	14.4	47.583	30.99	7.7	7.89	6.1	1.10
56	10/20/2007 01:01	14.38	47.465	30.9	7.6	7.88	5.3	1.08
57	10/20/2007 01:16	14.34	47.826	31.16	7.63	7.89	6.4	1.06
58	10/20/2007 01:31	14.31	47.665	31.05	7.77	7.9	6.0	1.08
59	10/20/2007 01:46	14.35	47.754	31.11	7.94	7.92	4.6	1.12
60	10/20/2007 02:01	14.33	46.363	30.1	8.09	7.93	4.6	1.14
61	10/20/2007 02:16	14.4	47.468	30.91	7.93	7.92	4.7	1.21
62	10/20/2007 02:31	14.42	47.768	31.12	7.94	7.92	4.4	1.24
63	10/20/2007 02:46	14.43	47.273	30.76	7.93	7.91	4.6	1.32
64	10/20/2007 03:01	14.44	47.641	31.03	7.92	7.92	4.3	1.36
65	10/20/2007 03:16	14.44	47.616	31.01	7.92	7.91	4.4	1.41
66	10/20/2007 03:31	14.46	47.506	30.93	7.99	7.92	4.3	1.48
67	10/20/2007 03:46	14.45	47.4	30.86	7.98	7.93	4.2	1.56
68	10/20/2007 04:01	14.44	47.48	30.91	7.97	7.92	4.2	1.61
69	10/20/2007 04:16	14.43	47.096	30.64	7.96	7.91	4.5	1.66
70	10/20/2007 04:31	14.43	47.262	30.76	7.92	7.91	4.8	1.74
71	10/20/2007 04:46	14.41	47.298	30.78	7.91	7.91	5.1	1.80
72	10/20/2007 05:01	14.39	47.524	30.95	7.87	7.9	4.8	1.84
73	10/20/2007 05:16	14.38	47.645	31.03	7.82	7.9	5.1	1.94
74	10/20/2007 05:31	14.42	47.949	31.25	7.78	7.89	4.7	2.03
75	10/20/2007 05:46	14.41	48.123	31.38	7.75	7.89	4.8	2.07
76	10/20/2007 06:01	14.38	47.73	31.09	7.73	7.88	5.1	2.13
77	10/20/2007 06:16	14.38	47.909	31.22	7.72	7.88	4.8	2.18
78	10/20/2007 06:31	14.41	48.255	31.48	7.73	7.89	5.1	2.23
79	10/20/2007 06:46	14.35	48.04	31.32	7.77	7.89	5.0	2.30
80	10/20/2007 07:01	14.26	47.964	31.26	7.82	7.9	4.8	2.36
81	10/20/2007 07:16	14.21	48.383	31.56	7.83	7.9	4.8	2.37
82	10/20/2007 07:31	14.16	48.174	31.41	7.85	7.91	5.3	2.44
83	10/20/2007 07:46	14.09	48.497	31.64	7.89	7.91	4.2	2.50
84	10/20/2007 08:01	14.05	48.29	31.49	7.9	7.91	4.1	2.53
85	10/20/2007 08:16	14.02	48.237	31.45	7.87	7.92	3.6	2.55
86	10/20/2007 08:31	14.01	48.192	31.42	7.77	7.91	3.1	2.55
87	10/20/2007 08:46	14.02	48.201	31.43	7.81	7.91	3.6	2.58
88	10/20/2007 09:01	13.97	48.615	31.73	7.75	7.91	3.3	2.58
89	10/20/2007 09:16	13.93	48.652	31.75	7.74	7.91	3.0	2.51
90	10/20/2007 09:31	14	48.434	31.59	7.71	7.9	3.8	2.52
91	10/20/2007 09:46	14.04	48.315	31.51	7.71	7.9	3.0	2.50
92	10/20/2007 10:01	14.09	48.371	31.55	7.69	7.89	2.9	2.47
93	10/20/2007 10:16	14.07	48.313	31.51	7.73	7.9	3.4	2.40
94	10/20/2007 10:31	14.1	48.203	31.43	7.72	7.9	3.7	2.34
95	10/20/2007 10:46	14.14	48.092	31.35	7.63	7.88	4.0	2.32

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
96	10/20/2007 11:01	14.13	47.56	30.96	7.63	7.88	3.5	2.27
97	10/20/2007 11:16	14.14	47.402	30.85	7.53	7.88	3.5	2.23
98	10/20/2007 11:31	14.17	47.445	30.88	7.41	7.86	3.7	2.18
99	10/20/2007 11:46	14.18	46.904	30.49	7.6	7.87	3.9	2.15
100	10/20/2007 12:01	14.22	46.896	30.49	7.66	7.87	3.4	2.10
101	10/20/2007 12:16	14.24	47.063	30.61	7.64	7.87	3.4	2.06
102	10/20/2007 12:31	14.26	46.986	30.55	7.56	7.87	3.4	2.03
103	10/20/2007 12:46	14.3	47.016	30.58	7.57	7.87	2.3	2.03
104	10/20/2007 13:01	14.29	47.309	30.79	7.15	7.85	2.6	1.99
105	10/20/2007 13:16	14.25	47.461	30.9	7.19	7.85	2.2	1.97
106	10/20/2007 13:31	14.26	47.144	30.67	7.6	7.88	3.1	1.95
107	10/20/2007 13:46	14.48	47.025	30.59	7.7	7.88	3.3	1.95
108	10/20/2007 14:01	14.5	46.604	30.28	7.93	7.89	5.1	1.98
109	10/20/2007 14:16	14.35	47.195	30.71	7.72	7.87	4.0	1.96
110	10/20/2007 14:31	14.29	47.314	30.79	7.77	7.88	4.1	2.01
111	10/20/2007 14:46	14.24	47.409	30.86	7.63	7.87	3.9	2.03
112	10/20/2007 15:01	14.45	47.184	30.7	7.79	7.88	3.8	2.04
113	10/20/2007 15:16	14.32	47.555	30.97	7.68	7.87	3.8	2.08
114	10/20/2007 15:31	14.27	47.488	30.92	7.64	7.87	4.1	2.14
115	10/20/2007 15:46	14.27	47.437	30.88	7.67	7.87	3.9	2.16
116	10/20/2007 16:01	14.18	47.45	30.89	7.65	7.88	3.7	2.21
117	10/20/2007 16:16	14.18	47.684	31.06	7.67	7.88	3.9	2.23
118	10/20/2007 16:31	14.15	47.723	31.08	7.76	7.89	3.6	2.31
119	10/20/2007 16:46	14.12	48.011	31.29	7.75	7.89	3.7	2.33
120	10/20/2007 17:01	14.16	47.524	30.94	7.83	7.89	3.7	2.36
121	10/20/2007 17:16	14.14	47.895	31.21	7.87	7.9	3.8	2.43
122	10/20/2007 17:31	14.17	47.598	30.99	7.9	7.9	3.5	2.46
123	10/20/2007 17:46	14.17	47.959	31.25	7.95	7.9	3.5	2.52
124	10/20/2007 18:01	14.14	48.133	31.38	7.96	7.91	3.1	2.55
125	10/20/2007 18:16	14.01	48.11	31.36	7.99	7.91	3.2	2.59
126	10/20/2007 18:31	14.04	48.265	31.47	8.03	7.92	2.9	2.64
127	10/20/2007 18:46	14.04	48.325	31.52	8.04	7.92	2.7	2.64
128	10/20/2007 19:01	13.98	48.627	31.73	8.07	7.92	2.6	2.64
129	10/20/2007 19:16	13.95	48.615	31.72	7.9	7.91	1.7	2.69
130	10/20/2007 19:31	13.93	48.487	31.63	7.82	7.91	1.9	2.68
131	10/20/2007 19:46	13.93	48.577	31.7	7.83	7.91	2.3	2.69
132	10/20/2007 20:01	13.96	48.358	31.54	7.7	7.9	2.7	2.64
133	10/20/2007 20:16	13.95	48.27	31.47	7.88	7.91	2.9	2.63
134	10/20/2007 20:31	14.01	48.198	31.42	7.8	7.9	3.1	2.58
135	10/20/2007 20:46	14.07	48.183	31.41	7.83	7.9	3.6	2.52
136	10/20/2007 21:01	14.12	47.876	31.19	7.77	7.89	3.3	2.45
137	10/20/2007 21:16	14.24	47.99	31.28	7.89	7.9	4.6	2.42
138	10/20/2007 21:31	14.6	47.237	30.74	8.31	7.93	5.0	2.35
139	10/20/2007 21:46	14.61	47.226	30.74	8.27	7.93	5.4	2.26
140	10/20/2007 22:01	14.42	47.166	30.69	8.07	7.91	5.1	2.19
141	10/20/2007 22:16	14.45	47.342	30.82	8.1	7.91	4.8	2.10
142	10/20/2007 22:31	14.29	47.349	30.82	7.87	7.88	5.7	2.01
143	10/20/2007 22:46	14.23	46.911	30.5	7.9	7.88	5.7	1.92

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
144	10/20/2007 23:01	14.25	46.808	30.42	8.18	7.91	5.9	1.87
145	10/20/2007 23:16	14.27	46.639	30.3	8.3	7.93	5.7	1.78
146	10/20/2007 23:31	14.23	46.432	30.15	8.42	7.94	6.1	1.70
147	10/20/2007 23:46	14.26	46.367	30.11	8.63	7.95	5.2	1.63
148	10/21/2007 00:01	14.22	46.405	30.13	8.61	7.95	5.9	1.54
149	10/21/2007 00:16	14.15	45.993	29.83	8.73	7.96	5.6	1.45
150	10/21/2007 00:31	14.05	45.695	29.62	8.77	7.95	6.5	1.37
151	10/21/2007 00:46	13.99	45.681	29.61	8.75	7.96	6.9	1.27
152	10/21/2007 01:01	13.99	45.764	29.66	8.72	7.95	6.5	1.18
153	10/21/2007 01:16	14.03	45.581	29.53	8.74	7.96	5.5	1.14
154	10/21/2007 01:31	14.05	45.524	29.49	8.64	7.95	4.4	1.13
155	10/21/2007 01:46	13.98	45.514	29.48	8.71	7.95	4.5	1.04
156	10/21/2007 02:01	14.04	45.437	29.43	8.54	7.95	4.2	1.05
157	10/21/2007 02:16	13.93	45.705	29.62	8.69	7.96	5.9	1.08
158	10/21/2007 02:31	14.02	45.75	29.65	8.71	7.95	5.2	1.05
159	10/21/2007 02:46	13.96	45.888	29.75	8.69	7.95	5.6	1.08
160	10/21/2007 03:01	14.06	45.903	29.77	8.7	7.95	5.3	1.15
161	10/21/2007 03:16	14	45.934	29.79	8.71	7.95	4.8	1.17
162	10/21/2007 03:31	14.02	45.747	29.65	8.73	7.95	4.8	1.26
163	10/21/2007 03:46	14.08	45.679	29.61	8.73	7.95	5.0	1.30
164	10/21/2007 04:01	14.14	45.601	29.55	8.64	7.95	5.4	1.34
165	10/21/2007 04:16	14.2	45.539	29.51	8.64	7.95	4.7	1.44
166	10/21/2007 04:31	14.22	45.799	29.7	8.62	7.94	4.6	1.50
167	10/21/2007 04:46	14.19	45.845	29.73	8.55	7.94	4.9	1.55
168	10/21/2007 05:01	14.2	45.79	29.69	8.52	7.94	5.1	1.62
169	10/21/2007 05:16	14.21	45.863	29.74	8.28	7.92	4.8	1.72
170	10/21/2007 05:31	14.2	45.943	29.8	8.17	7.9	4.8	1.78
171	10/21/2007 05:46	14.18	46.262	30.03	7.97	7.89	4.8	1.86
172	10/21/2007 06:01	14.19	46.225	30	7.94	7.89	4.7	1.93
173	10/21/2007 06:16	14.18	46.237	30.01	7.88	7.88	5.0	2.03
174	10/21/2007 06:31	14.17	46.109	29.92	7.86	7.88	5.1	2.10
175	10/21/2007 06:46	14.19	46.657	30.31	7.83	7.88	5.2	2.16
176	10/21/2007 07:01	14.17	47.223	30.72	7.81	7.88	5.3	2.24
177	10/21/2007 07:16	14.14	47.258	30.75	7.83	7.88	5.8	2.30
178	10/21/2007 07:31	14.08	47.317	30.79	7.84	7.88	5.9	2.36
179	10/21/2007 07:46	14.03	47.273	30.75	7.84	7.88	6.6	2.43
180	10/21/2007 08:01	13.97	47.355	30.81	7.87	7.89	6.5	2.49
181	10/21/2007 08:16	13.88	47.701	31.06	7.91	7.9	6.2	2.54
182	10/21/2007 08:31	13.82	47.764	31.1	7.94	7.9	5.0	2.59
183	10/21/2007 08:46	13.74	47.726	31.07	7.97	7.9	4.8	2.61
184	10/21/2007 09:01	13.68	47.973	31.25	8.01	7.91	5.5	2.64
185	10/21/2007 09:16	13.67	48.144	31.37	8.02	7.91	4.6	2.68
186	10/21/2007 09:31	13.71	47.874	31.18	7.8	7.89	3.4	2.69
187	10/21/2007 09:46	13.68	47.815	31.14	7.98	7.9	4.6	2.67
188	10/21/2007 10:01	13.75	47.952	31.24	7.92	7.9	3.8	2.65
189	10/21/2007 10:16	13.71	48.324	31.51	7.91	7.9	4.6	2.62
190	10/21/2007 10:31	13.76	47.393	30.83	7.91	7.89	4.2	2.58
191	10/21/2007 10:46	13.81	47.522	30.93	7.86	7.89	4.9	2.51

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
192	10/21/2007 11:01	13.84	47.327	30.79	7.88	7.89	4.8	2.44
193	10/21/2007 11:16	13.91	47.26	30.74	7.83	7.88	4.6	2.39
194	10/21/2007 11:31	13.97	47.129	30.65	7.79	7.88	4.7	2.31
195	10/21/2007 11:46	14.01	47.032	30.58	7.79	7.88	4.2	2.23
196	10/21/2007 12:01	14.08	46.864	30.46	7.83	7.88	3.7	2.19
197	10/21/2007 12:16	14.17	46.664	30.32	7.87	7.88	3.5	2.13
198	10/21/2007 12:31	14.38	46.544	30.24	8.07	7.89	3.3	2.06
199	10/21/2007 12:46	14.6	46.3	30.07	8.35	7.91	3.5	1.99
200	10/21/2007 13:01	14.61	46.165	29.97	8.44	7.92	3.1	1.94
201	10/21/2007 13:16	14.56	46.021	29.86	8.54	7.93	3.1	1.87
202	10/21/2007 13:31	14.61	46.136	29.95	8.71	7.94	3.2	1.83
203	10/21/2007 13:46	14.69	45.917	29.79	8.71	7.94	3.1	1.79
204	10/21/2007 14:01	14.73	45.968	29.83	8.77	7.95	2.9	1.74
205	10/21/2007 14:16	14.79	45.954	29.82	8.9	7.96	2.7	1.71
206	10/21/2007 14:31	14.79	45.931	29.8	8.76	7.95	2.1	1.71
207	10/21/2007 14:46	14.9	45.969	29.83	8.91	7.96	3.6	1.69
208	10/21/2007 15:01	14.74	46.135	29.95	8.7	7.94	3.4	1.69
209	10/21/2007 15:16	14.46	45.975	29.83	8.44	7.91	3.4	1.72
210	10/21/2007 15:31	14.68	45.852	29.74	8.62	7.94	3.6	1.74
211	10/21/2007 15:46	14.6	46.068	29.9	8.58	7.93	3.3	1.80
212	10/21/2007 16:01	14.57	46.321	30.08	8.47	7.92	3.6	1.82
213	10/21/2007 16:16	14.54	46.135	29.95	8.36	7.91	3.8	1.89
214	10/21/2007 16:31	14.55	46.048	29.88	8.31	7.9	3.4	1.94
215	10/21/2007 16:46	14.54	45.937	29.8	8.34	7.9	3.7	2.00
216	10/21/2007 17:01	14.51	45.914	29.79	8.31	7.9	4.1	2.06
217	10/21/2007 17:16	14.37	46.152	29.95	8.14	7.89	4.3	2.18
218	10/21/2007 17:31	14.34	46.417	30.14	8.12	7.89	4.3	2.24
219	10/21/2007 17:46	14.33	46.452	30.17	8.12	7.89	4.1	2.30
220	10/21/2007 18:01	14.28	46.589	30.27	8.14	7.89	4.3	2.35
221	10/21/2007 18:16	14.25	46.704	30.35	8.15	7.89	4.2	2.40
222	10/21/2007 18:31	14.13	46.996	30.56	8.16	7.9	4.2	2.46
223	10/21/2007 18:46	14.06	47.117	30.64	8.21	7.9	4.1	2.53
224	10/21/2007 19:01	14.07	47.193	30.7	8.21	7.9	3.9	2.56
225	10/21/2007 19:16	14.02	47.254	30.74	8.23	7.91	3.5	2.61
226	10/21/2007 19:31	13.93	47.685	31.05	8.23	7.91	3.9	2.66
227	10/21/2007 19:46	13.89	47.855	31.17	8.25	7.91	3.4	2.70
228	10/21/2007 20:01	13.84	47.977	31.26	8.24	7.91	3.5	2.73
229	10/21/2007 20:16	13.79	47.905	31.21	8.26	7.92	3.4	2.77
230	10/21/2007 20:31	13.76	48.173	31.4	8.2	7.92	3.3	2.78
231	10/21/2007 20:46	13.78	48.134	31.37	8.16	7.91	3.1	2.78
232	10/21/2007 21:01	13.77	48.174	31.4	8.18	7.91	2.6	2.76
233	10/21/2007 21:16	13.78	48.311	31.5	8.19	7.92	3.7	2.73
234	10/21/2007 21:31	13.92	47.576	30.97	8.16	7.91	4.0	2.69
235	10/21/2007 21:46	13.92	47.821	31.15	8.14	7.91	3.5	2.64
236	10/21/2007 22:01	13.95	47.53	30.94	8.12	7.91	5.1	2.57
237	10/21/2007 22:16	14.01	47.116	30.64	8.11	7.9	5.2	2.50
238	10/21/2007 22:31	14.05	47.054	30.6	8.03	7.89	5.7	2.43
239	10/21/2007 22:46	14.07	46.81	30.42	7.96	7.89	6.4	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
240	10/21/2007 23:01	14.08	46.67	30.32	7.93	7.88	6.1	2.25
241	10/21/2007 23:16	14.03	46.419	30.14	7.77	7.86	6.8	2.16
242	10/21/2007 23:31	13.99	46.632	30.29	7.77	7.86	5.9	2.08
243	10/21/2007 23:46	14.01	46.432	30.15	7.92	7.88	6.2	1.97
244	10/22/2007 00:01	14.01	46.42	30.14	8.04	7.89	7.1	1.88
245	10/22/2007 00:16	14.03	46.288	30.04	8.25	7.91	7.5	1.79
246	10/22/2007 00:31	14.1	46.248	30.02	8.56	7.95	6.7	1.70
247	10/22/2007 00:46	14.08	45.947	29.8	8.59	7.95	6.2	1.59
248	10/22/2007 01:01	14.04	46.076	29.89	8.63	7.95	5.7	1.49
249	10/22/2007 01:16	14.05	45.927	29.78	8.73	7.97	5.5	1.40
250	10/22/2007 01:31	14.03	45.679	29.6	9	7.99	5.1	1.32
251	10/22/2007 01:46	14.02	45.526	29.49	9.26	8.02	4.7	1.24
252	10/22/2007 02:01	14.03	45.432	29.43	9.28	8.03	4.5	1.17
253	10/22/2007 02:16	14.03	45.606	29.55	9.48	8.05	3.8	1.13
254	10/22/2007 02:31	14.01	45.502	29.48	9.37	8.04	3.1	1.10
255	10/22/2007 02:46	14.02	45.618	29.56	9.18	8.03	3.4	1.08
256	10/22/2007 03:01	13.97	45.335	29.36	9.34	8.04	3.8	1.08
257	10/22/2007 03:16	13.98	45.443	29.43	9.44	8.04	4.2	1.10
258	10/22/2007 03:31	14	45.423	29.42	9.26	8.02	4.1	1.14
259	10/22/2007 03:46	13.99	45.53	29.5	9.12	8.01	4.5	1.17
260	10/22/2007 04:01	13.98	45.746	29.65	9.09	8.01	4.3	1.20
261	10/22/2007 04:16	13.92	44.946	29.07	9.01	7.99	4.5	1.29
262	10/22/2007 04:31	13.96	44.861	29.01	8.91	7.98	4.2	1.34
263	10/22/2007 04:46	14	45.262	29.3	8.83	7.98	4.5	1.40
264	10/22/2007 05:01	14.02	45.265	29.31	8.8	7.97	4.5	1.48
265	10/22/2007 05:16	14.04	45.437	29.43	8.77	7.97	4.3	1.56
266	10/22/2007 05:31	14.05	45.259	29.3	8.73	7.96	4.2	1.64
267	10/22/2007 05:46	14.04	45.355	29.37	8.57	7.94	4.3	1.71
268	10/22/2007 06:01	14.01	45.897	29.76	8.23	7.91	4.6	1.81
269	10/22/2007 06:16	13.98	45.89	29.76	8.11	7.9	4.5	1.90
270	10/22/2007 06:31	13.98	46.027	29.85	8.04	7.89	4.8	1.98
271	10/22/2007 06:46	14	46.404	30.13	7.98	7.88	5.0	2.06
272	10/22/2007 07:01	13.98	46.55	30.23	7.94	7.88	5.3	2.15
273	10/22/2007 07:16	13.96	46.323	30.07	7.96	7.88	5.9	2.24
274	10/22/2007 07:31	13.92	46.558	30.23	7.97	7.88	7.2	2.31
275	10/22/2007 07:46	13.81	46.704	30.34	7.98	7.89	7.9	2.39
276	10/22/2007 08:01	13.74	46.923	30.49	8.02	7.89	9.8	2.47
277	10/22/2007 08:16	13.71	46.891	30.47	8.08	7.9	9.0	2.54
278	10/22/2007 08:31	13.65	47.488	30.9	8.09	7.9	8.9	2.61
279	10/22/2007 08:46	13.59	47.567	30.95	8.16	7.91	8.2	2.67
280	10/22/2007 09:01	13.56	47.71	31.06	8.22	7.91	8.6	2.74
281	10/22/2007 09:16	13.49	48.087	31.33	8.35	7.93	8.2	2.80
282	10/22/2007 09:31	13.45	48.327	31.5	8.4	7.93	7.0	2.84
283	10/22/2007 09:46	13.43	48.539	31.65	8.41	7.94	6.1	2.88
284	10/22/2007 10:01	13.42	48.609	31.7	8.42	7.94	4.3	2.90
285	10/22/2007 10:16	13.47	48.364	31.53	8.26	7.93	3.9	2.91
286	10/22/2007 10:31	13.42	48.592	31.69	8.37	7.94	4.6	2.89
287	10/22/2007 10:46	13.45	48.43	31.58	8.41	7.94	4.8	2.85

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
288	10/22/2007 11:01	13.64	47.821	31.14	8.25	7.91	4.0	2.81
289	10/22/2007 11:16	13.63	47.979	31.25	8.21	7.92	5.1	2.72
290	10/22/2007 11:31	13.71	47.633	31.01	8.22	7.91	6.8	2.65
291	10/22/2007 11:46	13.79	46.946	30.51	8.19	7.91	6.2	2.57
292	10/22/2007 12:01	13.84	47.232	30.72	8.17	7.9	6.5	2.48
293	10/22/2007 12:16	13.9	46.963	30.53	8.13	7.9	6.1	2.39
294	10/22/2007 12:31	14.04	46.546	30.23	8.24	7.9	5.2	2.31
295	10/22/2007 12:46	14.25	46.617	30.29	8.33	7.91	4.2	2.22
296	10/22/2007 13:01	14.48	46.841	30.45	8.55	7.93	4.5	2.13
297	10/22/2007 13:16	14.47	46.666	30.33	8.58	7.93	4.8	2.12
298	10/22/2007 13:31	14.51	45.843	29.73	8.71	7.95	4.8	2.05
299	10/22/2007 13:46	14.62	46.021	29.87	8.92	7.96	5.0	1.97
300	10/22/2007 14:01	14.72	46.255	30.04	9.1	7.99	4.3	1.88
301	10/22/2007 14:16	14.77	45.962	29.83	9.32	8	3.7	1.80
302	10/22/2007 14:31	14.9	46.186	29.99	9.41	8.01	3.7	1.73
303	10/22/2007 14:46	14.86	45.824	29.73	9.54	8.02	3.9	1.67
304	10/22/2007 15:01	14.89	45.757	29.68	9.59	8.03	2.7	1.63
305	10/22/2007 15:16	14.99	45.67	29.62	9.78	8.05	2.5	1.58
306	10/22/2007 15:31	14.99	45.568	29.55	9.78	8.05	1.7	1.57
307	10/22/2007 15:46	15.07	45.632	29.59	9.69	8.04	2.1	1.59
308	10/22/2007 16:01	15.04	45.581	29.56	9.68	8.03	3.1	1.58
309	10/22/2007 16:16	14.95	45.863	29.76	9.5	8.02	3.0	1.61
310	10/22/2007 16:31	14.97	45.674	29.62	9.5	8.01	3.2	1.66
311	10/22/2007 16:46	14.85	45.545	29.53	9.43	8	3.1	1.71
312	10/22/2007 17:01	14.84	45.694	29.63	9.26	7.99	3.5	1.77
313	10/22/2007 17:16	14.75	45.895	29.78	9.06	7.97	3.3	1.84
314	10/22/2007 17:31	14.71	45.703	29.64	8.97	7.96	3.4	1.93
315	10/22/2007 17:46	14.63	45.685	29.62	8.84	7.95	3.4	1.99
316	10/22/2007 18:01	14.58	45.919	29.79	8.73	7.94	3.5	2.05
317	10/22/2007 18:16	14.47	46.29	30.06	8.53	7.93	4.1	2.13
318	10/22/2007 18:31	14.46	46.217	30	8.47	7.92	4.0	2.20
319	10/22/2007 18:46	14.44	46.29	30.05	8.44	7.92	4.0	2.27
320	10/22/2007 19:01	14.35	46.32	30.07	8.32	7.91	5.1	2.35
321	10/22/2007 19:16	14.21	46.655	30.31	8.23	7.9	4.6	2.42
322	10/22/2007 19:31	14.15	47.053	30.6	8.18	7.9	5.0	2.48
323	10/22/2007 19:46	14.08	47.062	30.6	8.19	7.9	5.1	2.55
324	10/22/2007 20:01	14.07	47.312	30.78	8.27	7.91	5.3	2.62
325	10/22/2007 20:16	14.02	47.615	31	8.32	7.92	5.7	2.68
326	10/22/2007 20:31	13.96	47.626	31.01	8.35	7.92	5.1	2.73
327	10/22/2007 20:46	13.92	47.831	31.15	8.36	7.93	4.7	2.79
328	10/22/2007 21:01	13.89	47.852	31.17	8.37	7.93	4.7	2.84
329	10/22/2007 21:16	13.86	48.094	31.34	8.35	7.93	3.5	2.89
330	10/22/2007 21:31	13.83	48.123	31.36	8.35	7.93	4.1	2.92
331	10/22/2007 21:46	13.81	48.181	31.41	8.29	7.93	2.3	2.93
332	10/22/2007 22:01	13.83	48.071	31.33	8.29	7.93	3.1	2.94
333	10/22/2007 22:16	13.8	48.154	31.39	8.29	7.93	3.2	2.93
334	10/22/2007 22:31	13.81	48.219	31.43	8.34	7.93	4.8	2.88
335	10/22/2007 22:46	13.87	48.033	31.3	8.27	7.92	4.1	2.83

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	10/22/2007 23:01	13.88	47.789	31.12	8.24	7.92	3.7	2.76
337	10/22/2007 23:16	13.98	47.462	30.89	8.17	7.91	5.8	2.69
338	10/22/2007 23:31	14.02	47.54	30.95	8.18	7.91	6.1	2.59
339	10/22/2007 23:46	14.07	47.358	30.82	8.2	7.91	7.0	2.49
340	10/23/2007 00:01	14.13	46.976	30.54	8.11	7.9	7.0	2.40
341	10/23/2007 00:16	14.15	46.854	30.45	8.05	7.9	6.4	2.29
342	10/23/2007 00:31	14.08	47.072	30.61	8.01	7.9	6.7	2.21
343	10/23/2007 00:46	14.08	46.472	30.18	8.09	7.9	7.9	2.09
344	10/23/2007 01:01	14.15	46.598	30.27	8.19	7.91	7.1	1.99
345	10/23/2007 01:16	14.19	46.493	30.19	8.27	7.92	7.5	1.88
346	10/23/2007 01:31	14.26	45.906	29.77	8.47	7.94	7.0	1.77
347	10/23/2007 01:46	14.32	46.221	30	8.71	7.96	6.3	1.68
348	10/23/2007 02:01	14.33	46.023	29.86	8.81	7.97	6.2	1.56
349	10/23/2007 02:16	14.36	45.948	29.81	8.96	7.99	5.3	1.48
350	10/23/2007 02:31	14.4	45.706	29.63	9.12	8.01	4.5	1.40
351	10/23/2007 02:46	14.43	45.575	29.54	9.23	8.02	4.3	1.34
352	10/23/2007 03:01	14.44	45.451	29.45	9.31	8.04	4.3	1.27
353	10/23/2007 03:16	14.44	45.433	29.44	9.39	8.04	5.6	1.21
354	10/23/2007 03:31	14.47	45.422	29.43	9.47	8.05	4.2	1.21
355	10/23/2007 03:46	14.43	45.488	29.48	9.4	8.05	3.2	1.22
356	10/23/2007 04:01	14.42	45.488	29.48	9.3	8.04	4.0	1.21
357	10/23/2007 04:16	14.42	45.543	29.52	9.29	8.03	3.4	1.25
358	10/23/2007 04:31	14.41	45.542	29.52	9.24	8.02	4.2	1.32
359	10/23/2007 04:46	14.39	45.721	29.64	9.23	8.02	3.8	1.40
360	10/23/2007 05:01	14.34	45.534	29.51	9.08	8	4.8	1.45
361	10/23/2007 05:16	14.38	45.706	29.63	9.06	8	3.8	1.51
362	10/23/2007 05:31	14.25	44.945	29.08	8.85	7.98	5.0	1.62
363	10/23/2007 05:46	14.35	45.36	29.38	8.86	7.97	4.2	1.70
364	10/23/2007 06:01	14.35	45.714	29.64	8.76	7.97	3.9	1.79
365	10/23/2007 06:16	14.29	45.864	29.74	8.47	7.94	4.3	1.87
366	10/23/2007 06:31	14.22	46.072	29.89	8.27	7.92	4.6	1.97
367	10/23/2007 06:46	14.19	46.148	29.95	8.19	7.91	4.8	2.06
368	10/23/2007 07:01	14.17	46.27	30.03	8.13	7.9	5.1	2.15
369	10/23/2007 07:16	14.16	46.545	30.23	8.07	7.89	6.2	2.24
370	10/23/2007 07:31	14.15	46.842	30.45	8.06	7.89	7.2	2.33
371	10/23/2007 07:46	14.06	46.873	30.47	8.06	7.89	9.1	2.42
372	10/23/2007 08:01	13.96	47.203	30.7	8.07	7.9	9.6	2.51
373	10/23/2007 08:16	13.88	47.053	30.59	8.1	7.9	10.3	2.59
374	10/23/2007 08:31	13.8	47.457	30.88	8.13	7.91	10.4	2.68
375	10/23/2007 08:46	13.72	47.368	30.81	8.18	7.91	11.3	2.77
376	10/23/2007 09:01	13.57	48.012	31.28	8.25	7.92	9.4	2.85
377	10/23/2007 09:16	13.45	48.387	31.54	8.29	7.93	12.1	2.94
378	10/23/2007 09:31	13.3	48.763	31.81	8.34	7.94	10.3	3.01
379	10/23/2007 09:46	13.22	48.955	31.95	8.35	7.94	7.6	3.08
380	10/23/2007 10:01	13.17	49.033	32	8.36	7.94	6.9	3.14
381	10/23/2007 10:16	13.16	48.911	31.91	8.37	7.94	4.8	3.19
382	10/23/2007 10:31	13.15	48.952	31.94	8.34	7.94	3.9	3.21
383	10/23/2007 10:46	13.23	48.755	31.8	8.26	7.94	5.3	3.22

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
384	10/23/2007 11:01	13.15	48.978	31.96	8.25	7.94	4.6	3.22
385	10/23/2007 11:16	13.13	49.255	32.16	8.31	7.94	5.1	3.18
386	10/23/2007 11:31	13.39	48.884	31.9	8.3	7.94	5.9	3.10
387	10/23/2007 11:46	13.83	48.209	31.43	8.32	7.93	7.5	3.04
388	10/23/2007 12:01	13.89	48.289	31.49	8.39	7.93	7.1	2.94
389	10/23/2007 12:16	13.68	48.209	31.42	8.36	7.93	9.8	2.83
390	10/23/2007 12:31	14	47.883	31.2	8.43	7.93	6.9	2.71
391	10/23/2007 12:46	14.08	47.772	31.12	8.41	7.93	7.7	2.61
392	10/23/2007 13:01	14.21	47.658	31.04	8.51	7.94	5.7	2.50
393	10/23/2007 13:16	14.42	47.536	30.96	8.72	7.95	3.9	2.38
394	10/23/2007 13:31	14.49	47.1	30.64	8.67	7.95	7.3	2.27
395	10/23/2007 13:46	14.57	46.942	30.53	8.7	7.95	7.8	2.15
396	10/23/2007 14:01	14.7	46.548	30.25	8.87	7.96	7.4	2.05
397	10/23/2007 14:16	14.87	46.765	30.41	9.12	7.98	5.5	1.93
398	10/23/2007 14:31	14.98	46.215	30.01	9.27	7.99	6.1	1.83
399	10/23/2007 14:46	15.16	46.17	29.98	9.4	8.01	5.3	1.72
400	10/23/2007 15:01	15.27	46.296	30.08	9.6	8.02	6.5	1.60
401	10/23/2007 15:16	15.36	45.92	29.81	9.76	8.03	4.8	1.52
402	10/23/2007 15:31	15.36	46.09	29.93	9.8	8.04	4.2	1.43
403	10/23/2007 15:46	15.47	45.943	29.83	10.24	8.08	5.6	1.36
404	10/23/2007 16:01	15.49	45.869	29.77	10.27	8.08	4.0	1.32
405	10/23/2007 16:16	15.54	45.735	29.68	10.49	8.1	2.6	1.28
406	10/23/2007 16:31	15.55	45.633	29.6	10.47	8.1	1.7	1.29
407	10/23/2007 16:46	15.53	45.755	29.69	10.41	8.09	3.3	1.29
408	10/23/2007 17:01	15.48	45.63	29.6	10.33	8.08	3.2	1.31
409	10/23/2007 17:16	15.44	45.53	29.53	10.16	8.07	3.3	1.38
410	10/23/2007 17:31	15.33	45.738	29.68	10.05	8.06	3.3	1.44
411	10/23/2007 17:46	15.34	45.609	29.58	9.82	8.04	3.9	1.51
412	10/23/2007 18:01	15.28	45.616	29.59	9.69	8.02	4.2	1.60
413	10/23/2007 18:16	15.22	45.446	29.46	9.55	8.01	4.5	1.69
414	10/23/2007 18:31	15.17	45.638	29.6	9.45	8.01	4.8	1.78
415	10/23/2007 18:46	15.12	45.423	29.44	9.38	8	5.2	1.88
416	10/23/2007 19:01	15.02	45.885	29.78	9.12	7.98	4.6	1.95
417	10/23/2007 19:16	14.96	46.11	29.94	9	7.97	4.3	2.04
418	10/23/2007 19:31	14.83	46.196	30	8.76	7.94	5.4	2.14
419	10/23/2007 19:46	14.68	46.386	30.13	8.49	7.92	5.5	2.22
420	10/23/2007 20:01	14.61	46.617	30.29	8.38	7.91	5.6	2.30
421	10/23/2007 20:16	14.55	46.958	30.54	8.34	7.91	6.3	2.38
422	10/23/2007 20:31	14.47	47.067	30.62	8.33	7.91	5.9	2.47
423	10/23/2007 20:46	14.34	47.273	30.76	8.34	7.92	7.3	2.54
424	10/23/2007 21:01	14.26	47.34	30.81	8.37	7.92	8.1	2.62
425	10/23/2007 21:16	14.19	47.449	30.89	8.39	7.92	7.6	2.70
426	10/23/2007 21:31	14.09	47.822	31.15	8.39	7.93	6.8	2.77
427	10/23/2007 21:46	14.01	47.898	31.21	8.39	7.93	6.2	2.84
428	10/23/2007 22:01	13.88	48.285	31.48	8.4	7.93	5.6	2.90
429	10/23/2007 22:16	13.74	48.551	31.67	8.41	7.94	5.1	2.96
430	10/23/2007 22:31	13.7	48.721	31.79	8.38	7.94	4.1	2.99
431	10/23/2007 22:46	13.62	48.818	31.86	8.38	7.94	3.4	3.03

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
432	10/23/2007 23:01	13.77	48.415	31.57	8.27	7.93	2.6	3.03
433	10/23/2007 23:16	13.59	48.604	31.71	8.35	7.94	3.5	3.02
434	10/23/2007 23:31	13.56	48.875	31.9	8.35	7.94	3.8	2.99
435	10/23/2007 23:46	13.7	48.706	31.78	8.32	7.94	4.9	2.94
436	10/24/2007 00:01	13.82	48.179	31.4	8.29	7.93	5.3	2.87
437	10/24/2007 00:16	13.98	48.005	31.28	8.25	7.92	8.4	2.78
438	10/24/2007 00:31	14.06	47.801	31.14	8.24	7.92	7.6	2.69
439	10/24/2007 00:46	14.14	47.628	31.01	8.26	7.92	8.8	2.58
440	10/24/2007 01:01	14.24	47.543	30.96	8.27	7.92	8.7	2.46
441	10/24/2007 01:16	14.32	47.343	30.81	8.2	7.91	8.1	2.38
442	10/24/2007 01:31	14.33	47.33	30.8	8.05	7.9	6.5	2.25
443	10/24/2007 01:46	14.34	47	30.57	8.2	7.92	8.7	2.14
444	10/24/2007 02:01	14.41	46.82	30.44	8.23	7.92	8.6	2.04
445	10/24/2007 02:16	14.49	46.224	30.01	8.34	7.93	8.1	1.93
446	10/24/2007 02:31	14.52	46.196	29.99	8.35	7.93	8.6	1.82
447	10/24/2007 02:46	14.58	46.558	30.25	8.47	7.95	7.6	1.71
448	10/24/2007 03:01	14.64	46.176	29.98	8.6	7.96	6.8	1.61
449	10/24/2007 03:16	14.69	46.085	29.91	8.7	7.97	5.7	1.51
450	10/24/2007 03:31	14.77	45.901	29.78	8.88	8	5.9	1.43
451	10/24/2007 03:46	14.75	45.706	29.64	8.88	8.01	5.0	1.37
452	10/24/2007 04:01	14.77	45.645	29.6	8.93	8.02	5.0	1.30
453	10/24/2007 04:16	14.76	45.585	29.55	8.92	8.02	4.1	1.27
454	10/24/2007 04:31	14.79	45.57	29.54	8.73	8.01	1.0	1.27
455	10/24/2007 04:46	14.75	45.706	29.64	8.96	8.02	4.4	1.30
456	10/24/2007 05:01	14.75	45.601	29.57	8.93	8.01	4.2	1.33
457	10/24/2007 05:16	14.76	45.943	29.81	8.89	7.99	4.6	1.39
458	10/24/2007 05:31	14.73	45.8	29.71	8.09	8.05	5.1	1.48
459	10/24/2007 05:46	14.64	45.567	29.54	7.87	8.02	6.1	1.55
460	10/24/2007 06:01	14.64	45.286	29.34	7.86	8.01	5.8	1.64
461	10/24/2007 06:16	14.62	45.532	29.51	7.79	8.01	5.7	1.75
462	10/24/2007 06:31	14.63	45.518	29.5	7.75	8.01	5.8	1.84
463	10/24/2007 06:46	14.59	45.934	29.8	7.7	7.99	6.4	1.92
464	10/24/2007 07:01	14.52	45.267	29.32	7.64	7.98		2.01
465	10/24/2007 07:16	14.45	46.499	30.21	7.51	7.97	5.2	2.11
466	10/24/2007 07:31	14.44	46.467	30.18	7.54	7.96	6.2	2.21
467	10/24/2007 07:46	14.41	46.765	30.4	7.51	7.96	6.9	2.30
468	10/24/2007 08:01	14.39	46.84	30.45	7.36	7.96	8.2	2.40
469	10/24/2007 08:16	14.29	47.112	30.65	7.62	7.96	9.8	2.50
470	10/24/2007 08:31	14.18	47.185	30.69	7.59	7.96	11.1	2.60
471	10/24/2007 08:46	14.03	47.598	30.99	7.49	7.96	15.4	2.69
472	10/24/2007 09:01	13.9	48.235	31.45	7.67	7.97	22.3	2.79
473	10/24/2007 09:16	13.82	48.198	31.42	7.66	7.98	13.3	2.89
474	10/24/2007 09:31	13.57	48.607	31.71	7.8	7.99	16.4	2.99
475	10/24/2007 09:46	13.42	48.875	31.9	7.94	8	14.8	3.08
476	10/24/2007 10:01	13.33	49.066	32.03	7.78	8.01	12.0	3.18
477	10/24/2007 10:16	13.29	49.085	32.05	7.79	8.01	10.0	3.25
478	10/24/2007 10:31	13.27	49.21	32.13	7.82	8.01	7.9	3.32
479	10/24/2007 10:46	13.23	49.323	32.22	7.79	8.02	5.6	3.37

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
480	10/24/2007 11:01	13.24	49.136	32.08	7.79	8.02	4.0	3.40
481	10/24/2007 11:16	13.36	48.952	31.95	7.67	8	3.7	3.43
482	10/24/2007 11:31	13.27	49.225	32.15	7.7	8.01	4.6	3.41
483	10/24/2007 11:46	13.23	49.282	32.19	7.79	8.02	4.3	3.36
484	10/24/2007 12:01	13.24	49.284	32.19	7.81	8.01	5.4	3.30
485	10/24/2007 12:16	13.65	48.406	31.56	7.63	7.99	5.4	3.22
486	10/24/2007 12:31	13.59	48.722	31.79	7.78	8	6.8	3.10
487	10/24/2007 12:46	13.71	48.249	31.45	7.72	7.99	9.2	2.97
488	10/24/2007 13:01	13.79	48.303	31.49	7.63	7.98	10.1	2.86
489	10/24/2007 13:16	13.83	48.16	31.39	7.62	7.98	8.0	2.74
490	10/24/2007 13:31	13.92	48.106	31.35	7.64	7.98	8.4	2.61
491	10/24/2007 13:46	13.96	48.151	31.39	7.66	7.98	5.8	2.49
492	10/24/2007 14:01	14.07	47.71	31.07	7.82	7.98	7.8	2.36
493	10/24/2007 14:16	14.1	47.82	31.15	8.06	7.97	7.6	2.22
494	10/24/2007 14:31	14.25	47.154	30.67	8.03	7.98	7.2	2.09
495	10/24/2007 14:46	14.36	47.182	30.7	7.99	7.99	7.0	1.96
496	10/24/2007 15:01	14.45	47.125	30.66	8.27	7.98	8.2	1.82
497	10/24/2007 15:16	14.5	46.92	30.51	8.39	7.99	7.1	1.68
498	10/24/2007 15:31	14.58	46.852	30.46	8.43	8	6.8	1.55
499	10/24/2007 15:46	14.64	46.689	30.35	8.31	8.03	15.8	1.42
500	10/24/2007 16:01	14.69	46.522	30.23	8.33	8.02	8.9	1.28
501	10/24/2007 16:16	14.73	46.252	30.03	8.31	8.02	6.5	1.17
502	10/24/2007 16:31	14.77	46.181	29.98	8.26	8.03	6.8	1.08
503	10/24/2007 16:46	14.8	46.102	29.93	8.58	8.04	6.8	0.98
504	10/24/2007 17:01	14.84	45.843	29.74	8.41	8.05	6.8	0.96
505	10/24/2007 17:16	14.85	45.746	29.67	8.25	8.05	4.6	0.96
506	10/24/2007 17:31	14.83	45.79	29.7	8.35	8.05	5.3	0.98
507	10/24/2007 17:46	14.81	45.732	29.66	8.43	8.05	5.4	1.04
508	10/24/2007 18:01	14.8	45.694	29.63	8.5	8.06	4.6	1.11
509	10/24/2007 18:16	14.78	45.843	29.74	8.5	8.06	4.3	1.19
510	10/24/2007 18:31	14.77	45.842	29.74	8.44	8.04	4.9	1.28
511	10/24/2007 18:46	14.69	45.776	29.69	8.26	8.03	5.6	1.37
512	10/24/2007 19:01	14.68	46.111	29.93	8.19	8.03	6.5	1.46
513	10/24/2007 19:16	14.68	45.434	29.44	8.25	8.02	6.0	1.56
514	10/24/2007 19:31	14.65	45.69	29.63	8.22	8.01	6.2	1.65
515	10/24/2007 19:46	14.63	45.948	29.81	8.13	8.01	6.0	1.74
516	10/24/2007 20:01	14.61	46.141	29.95	8.13	8	6.3	1.85
517	10/24/2007 20:16	14.53	46.235	30.02	7.99	7.98	6.7	1.95
518	10/24/2007 20:31	14.47	46.504	30.21	7.88	7.96	6.9	2.05
519	10/24/2007 20:46	14.45	46.804	30.43	7.89	7.95	6.5	2.15
520	10/24/2007 21:01	14.42	46.846	30.46	7.83	7.95	7.1	2.25
521	10/24/2007 21:16	14.37	46.782	30.41	7.86	7.95	7.7	2.35
522	10/24/2007 21:31	14.25	47.079	30.62	7.78	7.95	8.7	2.43
523	10/24/2007 21:46	14.17	47.273	30.76	7.85	7.96	10.1	2.52
524	10/24/2007 22:01	14.02	47.556	30.96	7.86	7.96	12.6	2.61
525	10/24/2007 22:16	13.93	47.496	30.91	7.99	7.96	11.9	2.69
526	10/24/2007 22:31	13.83	48.006	31.28	7.36	7.94	10.8	2.76
527	10/24/2007 22:46	13.57	48.532	31.65	7.6	7.97	11.4	2.85

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
528	10/24/2007 23:01	13.45	48.705	31.77	7.67	7.98	8.6	2.91
529	10/24/2007 23:16	13.4	48.732	31.79	7.57	7.97	8.8	2.96
530	10/24/2007 23:31	13.38	48.935	31.94	7.54	7.97	5.7	3.01
531	10/24/2007 23:46	13.35	48.858	31.88	7.49	7.96	3.9	3.05
532	10/25/2007 00:01	13.5	48.735	31.8	7.43	7.96	4.5	3.05
533	10/25/2007 00:16	13.4	48.715	31.78	7.42	7.96	4.5	3.03
534	10/25/2007 00:31	13.36	48.948	31.95	7.49	7.96	4.6	3.00
535	10/25/2007 00:46	13.39	49.001	31.99	7.52	7.97	6.2	2.93
536	10/25/2007 01:01	13.58	48.52	31.64	7.35	7.95	8.9	2.84
537	10/25/2007 01:16	13.63	48.376	31.54	7.29	7.94	11.2	2.75
538	10/25/2007 01:31	13.7	48.171	31.4	7.55	7.97	8.6	2.64
539	10/25/2007 01:46	13.8	48.003	31.28	7.33	7.95	10.4	2.54
540	10/25/2007 02:01	13.89	47.833	31.16	7.44	7.97	9.0	2.43
541	10/25/2007 02:16	13.97	47.617	31	7.24	7.95	8.5	2.34
542	10/25/2007 02:31	14.02	47.591	30.98	7.28	7.95	8.9	2.24
543	10/25/2007 02:46	14.12	46.934	30.51	7.38	7.96	11.4	2.11
544	10/25/2007 03:01	14.15	47.074	30.61	7.28	7.96	9.2	2.01
545	10/25/2007 03:16	14.21	46.849	30.45	7.38	7.97	9.1	1.92
546	10/25/2007 03:31	14.21	46.525	30.22	7.38	7.96	9.7	1.81
547	10/25/2007 03:46	14.27	46.596	30.27	7.31	7.97	8.2	1.71
548	10/25/2007 04:01	14.31	46.529	30.22	7.24	7.97	8.6	1.61
549	10/25/2007 04:16	14.33	46.227	30.01	7.18	7.97	7.3	1.54
550	10/25/2007 04:31	14.32	46.163	29.96	7.25	7.97	5.9	1.46
551	10/25/2007 04:46	14.34	46.005	29.85	7.18	7.98	5.4	1.42
552	10/25/2007 05:01	14.33	45.951	29.81	7.05	7.97	5.0	1.38
553	10/25/2007 05:16	14.36	45.93	29.79	7	7.96	3.6	1.38
554	10/25/2007 05:31	14.32	45.815	29.71	7.05	7.97	5.0	1.41
555	10/25/2007 05:46	14.32	45.907	29.78	7.12	7.97	4.8	1.42
556	10/25/2007 06:01	14.35	45.979	29.83	7.13	7.97	5.3	1.47
557	10/25/2007 06:16	14.35	46.207	29.99	7.17	7.97	5.3	1.56
558	10/25/2007 06:31	14.34	46.077	29.9	7.17	7.96	5.8	1.65
559	10/25/2007 06:46	14.23	45.731	29.65	7.13	7.95	7.9	1.74
560	10/25/2007 07:01	14.2	45.65	29.59	7.16	7.96	6.8	1.84
561	10/25/2007 07:16	14.25	46.081	29.9	7.15	7.96	7.0	1.93
562	10/25/2007 07:31	14.21	46.63	30.29	7.21	7.96	7.5	2.05
563	10/25/2007 07:46	14.15	46.648	30.31	7.24	7.96	7.6	2.14
564	10/25/2007 08:01	14.1	46.909	30.49	7.3	7.96	7.6	2.24
565	10/25/2007 08:16	14.06	47.393	30.84	7.22	7.96	7.6	2.34
566	10/25/2007 08:31	14.03	47.26	30.75	7.3	7.96	9.2	2.45
567	10/25/2007 08:46	13.93	47.592	30.98	7.33	7.97	11.0	2.55
568	10/25/2007 09:01	13.81	47.539	30.94	7.43	7.97	12.5	2.65
569	10/25/2007 09:16	13.68	47.985	31.26	7.48	7.98	17.7	2.74
570	10/25/2007 09:31	13.49	48.262	31.45	7.53	7.99	17.5	2.86
571	10/25/2007 09:46	13.35	48.533	31.65	7.58	7.99	16.1	2.95
572	10/25/2007 10:01	13.09	48.985	31.96	7.73	8	14.0	3.06
573	10/25/2007 10:16	12.91	49.364	32.23	7.78	8	14.7	3.17
574	10/25/2007 10:31	12.82	49.243	32.14	7.76	8.01	13.7	3.26
575	10/25/2007 10:46	12.74	49.464	32.3	7.78	8.01	11.4	3.35

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth meters
			mS/cm	ppt	mg/L		NTU	
576	10/25/2007 11:01	12.66	49.623	32.41	7.74	8	9.5	3.41
577	10/25/2007 11:16	12.61	49.609	32.4	7.8	8.01	6.8	3.49
578	10/25/2007 11:31	12.6	49.687	32.46	7.8	8.01	5.3	3.52
579	10/25/2007 11:46	12.65	49.713	32.48	7.69	8	4.1	3.54
580	10/25/2007 12:01	12.65	49.684	32.46	7.77	8.01	5.9	3.54
581	10/25/2007 12:16	12.61	49.626	32.41	7.78	8.01	5.0	3.50
582	10/25/2007 12:31	12.83	49.578	32.39	7.71	8	10.0	3.43
583	10/25/2007 12:46	13.01	49.197	32.12	7.77	8.01	12.8	3.34
584	10/25/2007 13:01	12.83	49.727	32.49	7.85	8.01	9.7	3.24
585	10/25/2007 13:16	13.02	49.387	32.25	7.91	8.01	11.2	3.11
586	10/25/2007 13:31	13.2	48.789	31.83	7.68	7.99	13.5	2.98
587	10/25/2007 13:46	13.29	48.718	31.78	7.5	7.99	15.3	2.86
588	10/25/2007 14:01	13.37	48.783	31.83	7.51	7.99	17.3	2.72
589	10/25/2007 14:16	13.43	48.686	31.76	7.48	7.99	16.4	2.59
590	10/25/2007 14:31	13.38	48.837	31.87	7.58	8	16.7	2.44
591	10/25/2007 14:46	13.7	48.129	31.36	7.55	7.99	16.4	2.30
592	10/25/2007 15:01	13.76	47.974	31.25	7.85	7.99	18.5	2.16
593	10/25/2007 15:16	13.91	47.99	31.27	7.64	7.99	20.0	2.01
594	10/25/2007 15:31	14.03	47.867	31.18	7.73	7.99	24.1	1.85
595	10/25/2007 15:46	14.2	47.622	31.01	7.73	7.99	29.7	1.71
596	10/25/2007 16:01	14.27	47.127	30.66	7.81	7.99	27.8	1.55
597	10/25/2007 16:16	14.34	46.914	30.5	7.6	8.01	26.9	1.40
598	10/25/2007 16:31	14.41	46.885	30.48	7.74	8.01	24.7	1.23
599	10/25/2007 16:46	14.42	46.722	30.37	7.73	7.99	26.6	1.08
600	10/25/2007 17:01	14.44	46.543	30.24	7.47	7.99	24.1	0.95
601	10/25/2007 17:16	14.42	46.69	30.34	7.42	7.98	20.8	0.83
602	10/25/2007 17:31	14.45	46.559	30.25	7.36	7.99	15.5	0.75
603	10/25/2007 17:46	14.44	46.464	30.18	7.36	7.99	15.0	0.63
604	10/25/2007 18:01	14.4	46.772	30.4	7.32	7.99	17.0	0.61
605	10/25/2007 18:16	14.51	46.283	30.05	7.54	8.01	10.6	0.60
606	10/25/2007 18:31	14.54	46.148	29.96	7.6	8.02	9.8	0.70
607	10/25/2007 18:46	14.53	45.957	29.82	7.57	8.02	10.7	0.75
608	10/25/2007 19:01	14.52	45.945	29.81	7.5	8.02	11.6	0.81
609	10/25/2007 19:16	14.53	46.115	29.93	7.45	8.01	10.2	0.90
610	10/25/2007 19:31	14.5	46.194	29.99	7.48	8.01	10.3	0.99
611	10/25/2007 19:46	14.43	46.01	29.85	7.36	7.99	13.7	1.10
612	10/25/2007 20:01	14.28	45.249	29.3	7.37	7.97	12.7	1.18
613	10/25/2007 20:16	14.21	45.067	29.17	7.47	7.96	14.5	1.30
614	10/25/2007 20:31	14.3	45.477	29.47	7.37	7.97	11.8	1.41
615	10/25/2007 20:46	14.29	45.775	29.68	7.4	7.97	13.1	1.54
616	10/25/2007 21:01	14.3	46.067	29.89	7.28	7.97	13.1	1.62
617	10/25/2007 21:16	14.2	46.145	29.94	7.3	7.97	16.4	1.76
618	10/25/2007 21:31	14.1	46.71	30.35	7.29	7.96	17.4	1.89
619	10/25/2007 21:46	14.1	47.043	30.59	7.31	7.96	14.4	2.01
620	10/25/2007 22:01	14.06	46.942	30.52	7.26	7.96	15.4	2.11
621	10/25/2007 22:16	13.98	47.398	30.84	7.29	7.97	20.3	2.22
622	10/25/2007 22:31	13.89	47.491	30.91	7.37	7.97	21.2	2.32
623	10/25/2007 22:46	13.77	47.724	31.07	7.43	7.97	22.5	2.43

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
624	10/25/2007 23:01	13.6	47.784	31.11	7.51	7.98	21.4	2.49
625	10/25/2007 23:16	13.42	48.328	31.5	7.66	7.98	20.0	2.59
626	10/25/2007 23:31	13.22	48.553	31.66	7.65	7.99	21.0	2.66
627	10/25/2007 23:46	12.98	49.115	32.06	7.83	8	17.2	2.74
628	10/26/2007 00:01	12.85	49.309	32.19	7.89	8.01	11.8	2.79
629	10/26/2007 00:16	12.76	49.26	32.15	7.87	8.01	8.2	2.84
630	10/26/2007 00:31	12.71	49.345	32.21	7.9	8.02	6.0	2.88
631	10/26/2007 00:46	12.68	49.311	32.19	7.84	8.02	4.7	2.91
632	10/26/2007 01:01	12.8	49.227	32.13	7.75	8.01	7.0	2.91
633	10/26/2007 01:16	12.69	49.333	32.2	7.79	8.01	5.4	2.89
634	10/26/2007 01:31	12.73	49.282	32.17	7.79	8.01	7.1	2.83
635	10/26/2007 01:46	12.85	48.958	31.94	7.78	8	8.0	2.78
636	10/26/2007 02:01	12.93	48.991	31.96	7.58	8	10.3	2.72
637	10/26/2007 02:16	13.07	48.548	31.65	7.5	7.99	12.3	2.62
638	10/26/2007 02:31	13.18	48.24	31.43	7.36	7.98	13.7	2.52
639	10/26/2007 02:46	13.29	48.19	31.4	7.29	7.98	15.4	2.44
640	10/26/2007 03:01	13.35	47.987	31.25	7.09	7.96	11.5	2.34
641	10/26/2007 03:16	13.45	47.413	30.84	7.05	7.96	12.2	2.26
642	10/26/2007 03:31	13.43	47.742	31.08	7.07	7.95	10.6	2.15
643	10/26/2007 03:46	13.5	47.582	30.96	7.12	7.96	15.9	2.04
644	10/26/2007 04:01	13.53	47.315	30.77	7.27	7.94	13.7	1.94
645	10/26/2007 04:16	13.56	47.165	30.66	7.2	7.94	11.4	1.86
646	10/26/2007 04:31	13.52	47.043	30.57	7.14	7.93	12.5	1.75
647	10/26/2007 04:46	13.52	46.955	30.51	6.99	7.94	11.0	1.69
648	10/26/2007 05:01	13.54	46.903	30.47	6.97	7.94	9.0	1.62
649	10/26/2007 05:16	13.56	46.582	30.24	6.8	7.94	7.6	1.57
650	10/26/2007 05:31	13.5	46.455	30.15	6.66	7.94	7.3	1.53
651	10/26/2007 05:46	13.53	46.455	30.15	6.61	7.94	6.0	1.47
652	10/26/2007 06:01	13.51	46.331	30.06	6.59	7.93	4.7	1.47
653	10/26/2007 06:16	13.45	46.369	30.08	6.62	7.94	6.1	1.51
654	10/26/2007 06:31	13.48	46.535	30.21	6.69	7.94	6.7	1.54
655	10/26/2007 06:46	13.5	46.749	30.36	6.73	7.94	7.1	1.57
656	10/26/2007 07:01	13.5	46.611	30.26	6.85	7.94	7.0	1.65
657	10/26/2007 07:16	13.41	46.536	30.2	6.83	7.93	10.4	1.75
658	10/26/2007 07:31	13.33	46.386	30.09	6.79	7.93	10.8	1.83
659	10/26/2007 07:46	13.29	46.06	29.86	6.82	7.93	9.7	1.94
660	10/26/2007 08:01	13.46	46.888	30.46	6.86	7.94	10.4	2.03
661	10/26/2007 08:16	13.42	47.41	30.84	7.02	7.94	11.0	2.13
662	10/26/2007 08:31	13.39	47.612	30.98	7.09	7.95	10.8	2.24
663	10/26/2007 08:46	13.34	47.905	31.19	7.24	7.96	10.0	2.34
664	10/26/2007 09:01	13.28	48.077	31.31	7.32	7.96	13.6	2.43
665	10/26/2007 09:16	13.11	48.331	31.49	7.4	7.97	15.2	2.54
666	10/26/2007 09:31	12.97	48.525	31.63	7.53	7.98	16.0	2.65
667	10/26/2007 09:46	12.78	48.746	31.78	7.65	7.98	21.4	2.76
668	10/26/2007 10:01	12.6	49.163	32.07	7.83	7.99	18.7	2.88
669	10/26/2007 10:16	12.37	49.357	32.21	7.83	7.99	18.0	2.99
670	10/26/2007 10:31	12.15	49.663	32.42	7.97	7.99	16.2	3.10
671	10/26/2007 10:46	11.98	49.851	32.55	8.03	7.98	14.8	3.21

sonde #1

Indian Island Long-Term Deployment Water Quality Data

TP #2

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
672	10/26/2007 11:01	11.74	50.149	32.75	7.89	7.98	15.5	3.32
673	10/26/2007 11:16	11.52	50.305	32.85	7.84	7.97	15.8	3.42
674	10/26/2007 11:31	11.38	50.366	32.89	7.76	7.96	12.6	3.49
675	10/26/2007 11:46	11.31	50.44	32.94	7.64	7.96	11.8	3.57
	Mean	14.07	47.24	30.73	8.06	7.95	6.6	2.13
	Standard Dev.	0.56	1.20	0.85	0.65	0.05	4.4	0.62

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	10/26/2007 12:01	11.25	50.763	33.17	8.71	7.74	10.4	3.56
1	10/26/2007 12:16	11.26	50.772	33.18	8.55	7.82	7.7	3.61
2	10/26/2007 12:31	11.47	50.607	33.07	8.6	7.84	8.2	3.62
3	10/26/2007 12:46	11.31	50.735	33.15	8.46	7.84	8.4	3.60
4	10/26/2007 13:01	11.24	50.791	33.19	8.36	7.83	8.5	3.54
5	10/26/2007 13:16	11.89	50.436	32.97	8.61	7.87	10.4	3.45
6	10/26/2007 13:31	12.14	50.362	32.93	8.79	7.88	7.2	3.35
7	10/26/2007 13:46	12.33	50.139	32.77	8.75	7.89	7.2	3.22
8	10/26/2007 14:01	12.51	49.943	32.64	8.74	7.9	7.4	3.09
9	10/26/2007 14:16	12.62	49.894	32.61	8.8	7.91	6.6	2.97
10	10/26/2007 14:31	12.81	49.584	32.39	8.74	7.92	9.0	2.83
11	10/26/2007 14:46	13.08	49.321	32.21	8.69	7.91	6.4	2.67
12	10/26/2007 15:01	13.13	49.316	32.21	8.64	7.91	8.9	2.53
13	10/26/2007 15:16	13.36	48.947	31.95	8.61	7.91	9.0	2.38
14	10/26/2007 15:31	13.31	49.033	32.01	8.64	7.91	8.7	2.25
15	10/26/2007 15:46	13.31	49.086	32.05	8.74	7.92	8.2	2.09
16	10/26/2007 16:01	13.67	48.404	31.56	8.6	7.91	11.0	1.93
17	10/26/2007 16:16	13.76	48.331	31.51	8.62	7.92	11.6	1.77
18	10/26/2007 16:31	13.88	48.091	31.34	8.61	7.92	12.0	1.62
19	10/26/2007 16:46	13.96	47.899	31.21	8.63	7.92	13.0	1.44
20	10/26/2007 17:01	14.01	47.809	31.14	8.73	7.94	15.9	1.26
21	10/26/2007 17:16	14.1	47.501	30.92	8.65	7.94	15.9	1.10
22	10/26/2007 17:31	14.18	47.25	30.74	8.57	7.93	24.7	0.92
23	10/26/2007 17:46	14.2	47.123	30.65	8.6	7.94	29.8	0.77
24	10/26/2007 18:01	14.22	47.004	30.57	8.61	7.94	31.8	0.63
25	10/26/2007 18:16	14.26	46.824	30.44	8.69	7.95	30.9	0.50
26	10/26/2007 18:31	14.23	46.621	30.29	8.81	7.96	20.1	0.43
27	10/26/2007 18:46	14.19	46.576	30.26	8.73	7.95	13.6	0.41
28	10/26/2007 19:01	14.18	46.515	30.21	8.87	7.97	10.2	0.45
29	10/26/2007 19:16	14.19	46.577	30.26	8.87	7.96	9.6	0.53
30	10/26/2007 19:31	14.17	46.557	30.24	8.84	7.96	11.2	0.66
31	10/26/2007 19:46	14.16	46.585	30.26	8.81	7.95	11.8	0.76
32	10/26/2007 20:01	13.98	46.007	29.84	8.57	7.92	14.4	0.86
33	10/26/2007 20:16	14.04	46.134	29.93	8.54	7.92	11.3	0.93
34	10/26/2007 20:31	14.02	46.069	29.89	8.49	7.91	10.2	1.02
35	10/26/2007 20:46	14.09	46.33	30.07	8.52	7.91	9.6	1.11
36	10/26/2007 21:01	14.07	46.256	30.02	8.45	7.9	10.0	1.21
37	10/26/2007 21:16	14.01	46.285	30.04	8.41	7.9	10.7	1.33
38	10/26/2007 21:31	14	46.508	30.2	8.4	7.9	10.7	1.43
39	10/26/2007 21:46	13.95	46.869	30.46	8.35	7.89	11.5	1.55
40	10/26/2007 22:01	13.97	47.215	30.71	8.26	7.88	12.1	1.68
41	10/26/2007 22:16	13.99	47.322	30.79	8.24	7.87	13.6	1.81
42	10/26/2007 22:31	13.98	47.429	30.87	8.24	7.87	14.9	1.93
43	10/26/2007 22:46	13.89	47.591	30.98	8.25	7.87	16.1	2.05
44	10/26/2007 23:01	13.77	47.731	31.08	8.26	7.86	16.0	2.17
45	10/26/2007 23:16	13.67	47.894	31.19	8.29	7.86	18.8	2.26
46	10/26/2007 23:31	13.55	48.04	31.29	8.31	7.86	23.0	2.36
47	10/26/2007 23:46	13.35	48.299	31.48	8.38	7.86	16.4	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
48	10/27/2007 00:01	13.02	48.744	31.79	8.5	7.86	20.4	2.55
49	10/27/2007 00:16	12.71	49.106	32.04	8.56	7.85	17.7	2.65
50	10/27/2007 00:31	12.53	49.294	32.17	8.55	7.85	15.2	2.73
51	10/27/2007 00:46	12.35	49.446	32.27	8.54	7.84	12.4	2.80
52	10/27/2007 01:01	12.11	49.667	32.42	8.55	7.83	11.0	2.88
53	10/27/2007 01:16	11.93	49.844	32.54	8.54	7.83	9.9	2.94
54	10/27/2007 01:31	11.86	49.894	32.57	8.51	7.83	8.0	2.98
55	10/27/2007 01:46	11.78	49.97	32.62	8.47	7.82	6.7	3.01
56	10/27/2007 02:01	11.99	49.753	32.48	8.42	7.83	6.3	3.01
57	10/27/2007 02:16	11.78	49.98	32.63	8.44	7.82	6.3	2.99
58	10/27/2007 02:31	11.93	49.824	32.52	8.43	7.82	8.3	2.94
59	10/27/2007 02:46	12.3	49.317	32.17	8.29	7.83	8.7	2.87
60	10/27/2007 03:01	12.36	49.308	32.17	8.37	7.83	12.2	2.77
61	10/27/2007 03:16	12.64	48.887	31.88	8.27	7.83	13.0	2.68
62	10/27/2007 03:31	12.69	48.829	31.84	8.25	7.83	13.3	2.56
63	10/27/2007 03:46	12.8	48.707	31.75	8.25	7.84	11.6	2.47
64	10/27/2007 04:01	13.03	48.388	31.53	8.14	7.83	10.7	2.38
65	10/27/2007 04:16	13.09	48.263	31.44	8.04	7.83	9.5	2.27
66	10/27/2007 04:31	13.05	48.275	31.45	8.08	7.83	10.2	2.19
67	10/27/2007 04:46	13.21	48.065	31.3	8.1	7.83	11.6	2.10
68	10/27/2007 05:01	13.31	47.847	31.15	8.02	7.83	10.5	2.02
69	10/27/2007 05:16	13.35	47.67	31.02	8	7.83	9.0	1.95
70	10/27/2007 05:31	13.32	47.616	30.98	7.92	7.83	8.8	1.87
71	10/27/2007 05:46	13.4	47.399	30.83	7.89	7.83	8.9	1.80
72	10/27/2007 06:01	13.43	47.265	30.73	7.87	7.83	7.4	1.76
73	10/27/2007 06:16	13.42	47.204	30.69	7.8	7.83	6.8	1.71
74	10/27/2007 06:31	13.42	47.115	30.62	7.77	7.82	6.1	1.68
75	10/27/2007 06:46	13.42	46.692	30.32	7.69	7.82	4.1	1.68
76	10/27/2007 07:01	13.37	46.716	30.33	7.67	7.82	5.2	1.69
77	10/27/2007 07:16	13.37	46.999	30.54	7.74	7.82	5.8	1.74
78	10/27/2007 07:31	13.38	47.029	30.56	7.77	7.82	7.1	1.78
79	10/27/2007 07:46	13.35	46.945	30.5	7.79	7.82	7.1	1.87
80	10/27/2007 08:01	13.23	47.03	30.55	7.81	7.81	11.7	1.96
81	10/27/2007 08:16	13.14	46.736	30.34	7.78	7.8	9.5	2.05
82	10/27/2007 08:31	13.23	47.32	30.76	7.86	7.81	9.8	2.15
83	10/27/2007 08:46	13.15	47.304	30.75	7.95	7.81	9.4	2.24
84	10/27/2007 09:01	13.05	47.677	31.02	8.05	7.82	9.0	2.34
85	10/27/2007 09:16	12.98	48.055	31.29	8.15	7.82	8.2	2.42
86	10/27/2007 09:31	12.91	47.894	31.17	8.21	7.82	8.8	2.52
87	10/27/2007 09:46	12.81	48.113	31.32	8.24	7.82	10.1	2.62
88	10/27/2007 10:01	12.61	48.326	31.47	8.28	7.81	14.1	2.71
89	10/27/2007 10:16	12.4	48.487	31.58	8.3	7.81	13.8	2.81
90	10/27/2007 10:31	12.17	48.826	31.81	8.32	7.81	16.6	2.91
91	10/27/2007 10:46	11.95	49.007	31.93	8.34	7.8	12.6	3.03
92	10/27/2007 11:01	11.73	49.47	32.26	8.32	7.79	13.7	3.12
93	10/27/2007 11:16	11.48	49.475	32.25	8.3	7.79	12.6	3.22
94	10/27/2007 11:31	11.34	49.898	32.55	8.23	7.78	13.2	3.33
95	10/27/2007 11:46	11.25	49.934	32.57	8.2	7.78	12.6	3.43

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	
96	10/27/2007 12:01	11.17	49.805	32.47	8.14	7.77	12.1	3.50	
97	10/27/2007 12:16	11.08	50.099	32.68	8.04	7.77	10.4	3.58	
98	10/27/2007 12:31	11.06	49.907	32.54	8.01	7.77	7.0	3.64	
99	10/27/2007 12:46	11.04	50.083	32.67	7.96	7.76	6.8	3.67	
100	10/27/2007 13:01	11.08	50.088	32.67	7.93	7.76	5.0	3.70	
101	10/27/2007 13:16	11.22	49.872	32.52	8	7.77	6.3	3.70	
102	10/27/2007 13:31	11.06	49.91	32.54	7.93	7.76	6.3	3.68	
103	10/27/2007 13:46	11.06	49.775	32.44	7.93	7.76	7.9	3.61	
104	10/27/2007 14:01	11.5	49.719	32.43	8.17	7.78	7.6	3.53	
105	10/27/2007 14:16	11.78	49.694	32.42	8.23	7.79	7.2	3.41	
106	10/27/2007 14:31	11.67	49.682	32.41	8.27	7.79	8.6	3.27	
107	10/27/2007 14:46	12.21	49.18	32.07	8.38	7.81	8.2	3.14	
108	10/27/2007 15:01	12.31	48.904	31.87	8.38	7.81	7.6	3.00	
109	10/27/2007 15:16	12.26	49.112	32.02	8.34	7.8	10.1	2.86	
110	10/27/2007 15:31	12.44	48.709	31.74	8.35	7.81	9.6	2.72	
111	10/27/2007 15:46	12.47	48.747	31.77	8.4	7.81	7.7	2.58	
112	10/27/2007 16:01	12.74	48.257	31.42	8.39	7.82	8.3	2.40	
113	10/27/2007 16:16	12.64	48.562	31.64	8.38	7.82	7.5	2.25	
114	10/27/2007 16:31	12.83	48.12	31.33	8.37	7.82	8.9	2.09	
115	10/27/2007 16:46	12.96	47.871	31.15	8.32	7.82	8.8	1.92	
116	10/27/2007 17:01	13.11	47.603	30.96	8.3	7.82	11.9	1.75	
117	10/27/2007 17:16	13.27	47.344	30.78	8.28	7.83	13.1	1.57	
118	10/27/2007 17:31	13.32	47.374	30.81	8.29	7.83	13.6	1.40	
119	10/27/2007 17:46	13.44	47.076	30.59	8.29	7.83	12.9	1.20	
120	10/27/2007 18:01	13.61	46.803	30.4	8.26	7.84	11.8	1.01	
121	10/27/2007 18:16	13.69	46.901	30.48	8.22	7.84	11.5	0.85	
122	10/27/2007 18:31	13.74	46.538	30.22	8.21	7.84	16.3	0.69	
123	10/27/2007 18:46	13.75	46.581	30.25	8.17	7.84	20.1	0.53	
124	10/27/2007 19:01	13.77	46.273	30.03	8.1	7.84	12.0	0.41	
125	10/27/2007 19:16	13.76	46.444	30.15	8.14	7.84	9.7	0.35	
126	10/27/2007 19:31	13.7	46.143	29.93	8.1	7.84	9.4	0.36	
127	10/27/2007 19:46	13.73	45.906	29.76	8.19	7.84	8.3	0.41	
128	10/27/2007 20:01	13.72	45.966	29.8	8.23	7.84	8.0	0.52	
129	10/27/2007 20:16	13.72	46.355	30.08	8.21	7.84	7.6	0.63	
130	10/27/2007 20:31	13.72	45.979	29.81	8.18	7.84	6.9	0.70	
131	10/27/2007 20:46	13.71	46.275	30.02	8.15	7.84	6.9	0.79	
132	10/27/2007 21:01	13.57	46.109	29.9	8.1	7.82	8.0	0.88	
133	10/27/2007 21:16	13.59	45.884	29.74	8.09	7.82	7.2	0.93	
134	10/27/2007 21:31	13.44	45.784	29.66	8.02	7.8	8.9	1.03	
135	10/27/2007 21:46	13.44	45.758	29.64	8.02	7.8	8.5	1.11	
136	10/27/2007 22:01	13.62	46.213	29.98	8.1	7.82	8.0	1.23	
137	10/27/2007 22:16	13.56	46.171	29.95	8.06	7.81	9.1	1.35	
138	10/27/2007 22:31	13.47	46.139	29.92	8.1	7.81	8.8	1.46	
139	10/27/2007 22:46	13.41	46.313	30.04	8.09	7.8	8.8	1.58	
140	10/27/2007 23:01	13.48	46.779	30.38	8.12	7.81	10.9	1.71	
141	10/27/2007 23:16	13.49	46.788	30.39	8.12	7.81	11.6	1.84	
142	10/27/2007 23:31	13.48	46.956	30.51	8.13	7.81	9.7	1.95	
143	10/27/2007 23:46	13.42	47.187	30.67	8.14	7.8	11.2	2.08	

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
144	10/28/2007 00:01	13.33	47.451	30.86	8.15	7.8	12.0	2.18
145	10/28/2007 00:16	13.23	47.569	30.94	8.16	7.8	12.4	2.28
146	10/28/2007 00:31	13.07	47.663	31.01	8.18	7.8	15.2	2.37
147	10/28/2007 00:46	12.92	47.714	31.04	8.21	7.8	14.1	2.46
148	10/28/2007 01:01	12.63	48.273	31.43	8.2	7.79	12.0	2.56
149	10/28/2007 01:16	12.34	48.379	31.5	8.17	7.78	11.1	2.63
150	10/28/2007 01:31	12.18	48.735	31.75	8.13	7.78	10.7	2.72
151	10/28/2007 01:46	12.08	48.884	31.85	8.1	7.77	11.6	2.79
152	10/28/2007 02:01	11.98	48.685	31.7	8.09	7.77	10.2	2.85
153	10/28/2007 02:16	11.9	49.05	31.96	8.07	7.77	7.8	2.91
154	10/28/2007 02:31	11.81	48.835	31.8	8.06	7.77	7.5	2.95
155	10/28/2007 02:46	11.74	48.948	31.88	8.01	7.77	4.9	2.97
156	10/28/2007 03:01	11.9	48.907	31.86	7.98	7.77	5.5	2.98
157	10/28/2007 03:16	11.67	49.29	32.12	7.96	7.76	5.9	2.95
158	10/28/2007 03:31	11.73	49.265	32.11	8	7.77	7.1	2.89
159	10/28/2007 03:46	11.94	48.688	31.7	7.99	7.77	8.2	2.82
160	10/28/2007 04:01	12.23	48.424	31.52	7.95	7.77	9.7	2.74
161	10/28/2007 04:16	12.29	48.375	31.49	7.94	7.77	9.9	2.65
162	10/28/2007 04:31	12.41	48.207	31.37	7.94	7.77	10.3	2.55
163	10/28/2007 04:46	12.59	47.938	31.19	7.88	7.76	10.1	2.46
164	10/28/2007 05:01	12.69	47.692	31.01	7.86	7.77	8.9	2.38
165	10/28/2007 05:16	12.8	47.512	30.89	7.78	7.76	8.2	2.29
166	10/28/2007 05:31	12.79	47.572	30.93	7.84	7.76	7.9	2.21
167	10/28/2007 05:46	12.95	47.408	30.82	7.91	7.78	8.6	2.14
168	10/28/2007 06:01	13.03	47.508	30.89	7.88	7.78	7.6	2.07
169	10/28/2007 06:16	13.07	47.186	30.66	7.82	7.77	7.6	2.00
170	10/28/2007 06:31	13.06	47.255	30.71	7.76	7.77	7.4	1.93
171	10/28/2007 06:46	13.13	47.212	30.68	7.74	7.77	7.7	1.89
172	10/28/2007 07:01	13.18	46.895	30.46	7.71	7.76	6.2	1.85
173	10/28/2007 07:16	13.18	47.072	30.58	7.66	7.76	5.9	1.82
174	10/28/2007 07:31	13.21	46.806	30.39	7.51	7.76	3.8	1.84
175	10/28/2007 07:46	13.17	46.927	30.48	7.58	7.76	6.2	1.85
176	10/28/2007 08:01	13.13	47.1	30.6	7.64	7.76	6.2	1.88
177	10/28/2007 08:16	13.13	47.188	30.67	7.69	7.76	6.3	1.93
178	10/28/2007 08:31	13.13	47.202	30.68	7.73	7.77	6.3	1.99
179	10/28/2007 08:46	13.07	47.411	30.82	7.78	7.77	7.5	2.08
180	10/28/2007 09:01	12.98	47.107	30.6	7.71	7.75	7.7	2.15
181	10/28/2007 09:16	12.96	47.042	30.55	7.75	7.76	7.6	2.24
182	10/28/2007 09:31	12.88	47.531	30.9	7.83	7.76	8.5	2.33
183	10/28/2007 09:46	12.72	47.833	31.12	7.86	7.76	7.8	2.41
184	10/28/2007 10:01	12.59	48.015	31.24	7.93	7.77	8.0	2.50
185	10/28/2007 10:16	12.43	48.142	31.33	7.95	7.77	7.6	2.58
186	10/28/2007 10:31	12.35	48.124	31.31	7.97	7.76	7.7	2.68
187	10/28/2007 10:46	12.13	48.575	31.63	7.95	7.76	9.7	2.76
188	10/28/2007 11:01	11.97	48.62	31.65	7.94	7.76	9.7	2.85
189	10/28/2007 11:16	11.81	48.787	31.77	7.91	7.75	13.0	2.96
190	10/28/2007 11:31	11.56	49.205	32.06	7.88	7.75	10.1	3.05
191	10/28/2007 11:46	11.43	49.222	32.06	7.84	7.75	9.5	3.15

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	
192	10/28/2007 12:01	11.25	49.41	32.19	7.77	7.74	9.6	3.25	
193	10/28/2007 12:16	11.15	49.481	32.24	7.69	7.74	8.2	3.34	
194	10/28/2007 12:31	11.13	49.474	32.23	7.65	7.74	6.4	3.43	
195	10/28/2007 12:46	11.11	49.707	32.4	7.62	7.74	6.4	3.50	
196	10/28/2007 13:01	11.13	49.834	32.49	7.59	7.74	5.3	3.56	
197	10/28/2007 13:16	11.11	49.611	32.33	7.59	7.74	4.7	3.62	
198	10/28/2007 13:31	11.09	49.833	32.49	7.57	7.74	3.6	3.66	
199	10/28/2007 13:46	11.16	49.678	32.38	7.51	7.74	2.2	3.67	
200	10/28/2007 14:01	11.22	49.809	32.48	7.55	7.74	4.6	3.66	
201	10/28/2007 14:16	11.16	49.781	32.45	7.55	7.74	4.4	3.63	
202	10/28/2007 14:31	11.13	49.708	32.4	7.54	7.74	3.4	3.58	
203	10/28/2007 14:46	11.62	49.427	32.22	7.81	7.75	4.6	3.49	
204	10/28/2007 15:01	11.54	49.674	32.4	7.8	7.75	6.4	3.39	
205	10/28/2007 15:16	11.71	49.535	32.3	7.87	7.76	6.8	3.27	
206	10/28/2007 15:31	12.1	49.115	32.02	8.06	7.77	6.6	3.14	
207	10/28/2007 15:46	12.18	48.716	31.73	8.11	7.78	9.8	3.00	
208	10/28/2007 16:01	12.07	48.869	31.84	8.03	7.77	5.2	2.86	
209	10/28/2007 16:16	12.16	48.7	31.72	8.11	7.77	5.8	2.73	
210	10/28/2007 16:31	12.22	48.766	31.77	8.14	7.78	5.1	2.58	
211	10/28/2007 16:46	12.35	48.723	31.75	8.16	7.78	5.1	2.42	
212	10/28/2007 17:01	12.26	48.619	31.67	8.14	7.78	5.8	2.27	
213	10/28/2007 17:16	12.65	48.093	31.3	8.18	7.79	7.2	2.10	
214	10/28/2007 17:31	12.8	47.993	31.23	8.2	7.79	8.2	1.96	
215	10/28/2007 17:46	12.91	47.811	31.11	8.16	7.79	10.1	1.79	
216	10/28/2007 18:01	13.06	47.582	30.95	8.2	7.79	15.1	1.62	
217	10/28/2007 18:16	13.13	47.453	30.86	8.18	7.79	14.8	1.44	
218	10/28/2007 18:31	13.19	47.391	30.81	8.17	7.79	13.8	1.27	
219	10/28/2007 18:46	13.41	47.092	30.6	8.2	7.8	14.0	1.09	
220	10/28/2007 19:01	13.52	47.136	30.64	8.2	7.8	16.1	0.92	
221	10/28/2007 19:16	13.58	46.873	30.45	8.15	7.8	12.3	0.75	
222	10/28/2007 19:31	13.63	46.538	30.21	8.13	7.8	14.0	0.62	
223	10/28/2007 19:46	13.69	46.398	30.11	8.13	7.8	10.1	0.49	
224	10/28/2007 20:01	13.69	46.545	30.22	7.95	7.79	6.9	0.41	
225	10/28/2007 20:16	13.76	46.046	29.86	7.94	7.8	4.9	0.39	
226	10/28/2007 20:31	13.75	46.392	30.11	8.1	7.8	8.0	0.43	
227	10/28/2007 20:46	13.75	46.135	29.93	8.32	7.82	7.7	0.52	
228	10/28/2007 21:01	13.72	46.097	29.9	8.37	7.82	7.1	0.63	
229	10/28/2007 21:16	13.7	46.255	30.01	8.32	7.82	6.6	0.73	
230	10/28/2007 21:31	13.71	46.091	29.89	8.26	7.81	6.3	0.78	
231	10/28/2007 21:46	13.65	46.147	29.93	8.27	7.8	7.0	0.86	
232	10/28/2007 22:01	13.64	46.012	29.83	8.24	7.8	7.0	0.92	
233	10/28/2007 22:16	13.64	46.115	29.91	8.19	7.79	7.7	0.98	
234	10/28/2007 22:31	13.6	45.791	29.67	8.12	7.77	7.2	1.08	
235	10/28/2007 22:46	13.54	45.599	29.53	8.04	7.76	7.6	1.16	
236	10/28/2007 23:01	13.63	46.271	30.02	8.22	7.79	7.4	1.26	
237	10/28/2007 23:16	13.54	46.306	30.04	8.17	7.78	8.5	1.37	
238	10/28/2007 23:31	13.49	46.432	30.13	8.21	7.78	7.9	1.49	
239	10/28/2007 23:46	13.42	46.514	30.19	8.17	7.78	9.1	1.61	

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
240	10/29/2007 00:01	13.4	46.707	30.33	8.17	7.78	9.6	1.72
241	10/29/2007 00:16	13.34	47.012	30.54	8.13	7.78	10.2	1.84
242	10/29/2007 00:31	13.29	47.096	30.6	8.13	7.78	9.9	1.96
243	10/29/2007 00:46	13.22	47.433	30.84	8.13	7.78	10.6	2.07
244	10/29/2007 01:01	13.11	47.313	30.75	8.14	7.77	10.4	2.17
245	10/29/2007 01:16	13.03	47.419	30.83	8.13	7.77	11.4	2.27
246	10/29/2007 01:31	12.86	47.552	30.92	8.12	7.77	13.3	2.35
247	10/29/2007 01:46	12.73	47.756	31.06	8.12	7.77	13.0	2.44
248	10/29/2007 02:01	12.52	48.15	31.34	8.09	7.76	11.0	2.52
249	10/29/2007 02:16	12.19	48.647	31.68	8.05	7.76	9.2	2.59
250	10/29/2007 02:31	12.05	48.561	31.61	8.04	7.76	8.6	2.66
251	10/29/2007 02:46	11.97	48.62	31.65	8.03	7.76	9.4	2.73
252	10/29/2007 03:01	11.95	48.624	31.66	8.03	7.76	8.7	2.79
253	10/29/2007 03:16	11.95	48.634	31.66	8	7.76	7.1	2.83
254	10/29/2007 03:31	11.86	48.906	31.86	7.97	7.76	5.4	2.87
255	10/29/2007 03:46	11.84	48.753	31.74	7.94	7.75	3.8	2.89
256	10/29/2007 04:01	11.96	48.732	31.73	7.92	7.75	5.5	2.89
257	10/29/2007 04:16	11.86	48.765	31.75	7.93	7.75	5.4	2.86
258	10/29/2007 04:31	11.83	48.747	31.74	7.95	7.75	5.0	2.81
259	10/29/2007 04:46	11.91	48.663	31.68	7.92	7.75	6.3	2.76
260	10/29/2007 05:01	12.11	48.327	31.45	7.89	7.75	7.1	2.69
261	10/29/2007 05:16	12.28	48.191	31.36	7.86	7.75	9.7	2.59
262	10/29/2007 05:31	12.32	48.129	31.31	7.83	7.75	10.4	2.51
263	10/29/2007 05:46	12.47	47.895	31.15	7.78	7.74	8.8	2.43
264	10/29/2007 06:01	12.57	47.742	31.04	7.77	7.74	7.8	2.36
265	10/29/2007 06:16	12.65	47.644	30.98	7.76	7.74	8.2	2.28
266	10/29/2007 06:31	12.68	47.689	31.01	7.72	7.74	6.4	2.22
267	10/29/2007 06:46	12.74	47.682	31.01	7.83	7.75	7.3	2.16
268	10/29/2007 07:01	12.9	47.631	30.98	7.85	7.75	7.5	2.10
269	10/29/2007 07:16	12.9	47.316	30.75	7.83	7.75	6.6	2.05
270	10/29/2007 07:31	12.98	47.441	30.84	7.77	7.75	5.5	2.01
271	10/29/2007 07:46	13.02	47.348	30.78	7.75	7.74	5.4	1.99
272	10/29/2007 08:01	13.06	47.095	30.6	7.75	7.75	4.8	1.96
273	10/29/2007 08:16	13.1	47.281	30.73	7.7	7.75	4.0	1.94
274	10/29/2007 08:31	13.11	47.151	30.64	7.5	7.74	3.3	1.96
275	10/29/2007 08:46	13.02	47.161	30.64	7.72	7.74	5.5	1.98
276	10/29/2007 09:01	12.98	47.56	30.93	7.73	7.74	5.0	2.02
277	10/29/2007 09:16	12.97	47.279	30.72	7.78	7.74	5.3	2.06
278	10/29/2007 09:31	12.91	47.628	30.98	7.78	7.74	6.0	2.12
279	10/29/2007 09:46	12.88	47.334	30.76	7.76	7.74	7.5	2.20
280	10/29/2007 10:01	12.84	47.309	30.74	7.79	7.74	6.6	2.27
281	10/29/2007 10:16	12.76	47.538	30.9	7.81	7.74	7.3	2.34
282	10/29/2007 10:31	12.57	47.776	31.07	7.84	7.74	6.9	2.42
283	10/29/2007 10:46	12.45	48.243	31.4	7.87	7.74	6.4	2.50
284	10/29/2007 11:01	12.24	48.234	31.39	7.94	7.75	7.6	2.58
285	10/29/2007 11:16	12.13	48.7	31.72	7.93	7.75	6.5	2.66
286	10/29/2007 11:31	12.09	48.458	31.54	7.96	7.75	6.3	2.76
287	10/29/2007 11:46	11.86	48.624	31.65	7.95	7.75	7.5	2.84

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
288	10/29/2007 12:01	11.69	48.797	31.77	7.92	7.74	7.2	2.94
289	10/29/2007 12:16	11.61	48.911	31.85	7.9	7.74	7.8	3.03
290	10/29/2007 12:31	11.41	49.141	32	7.88	7.74	8.8	3.12
291	10/29/2007 12:46	11.27	49.215	32.05	7.85	7.74	7.4	3.21
292	10/29/2007 13:01	11.16	49.25	32.07	7.8	7.74	6.5	3.29
293	10/29/2007 13:16	11.04	49.378	32.16	7.67	7.73	5.5	3.37
294	10/29/2007 13:31	10.98	49.432	32.19	7.61	7.73	4.4	3.43
295	10/29/2007 13:46	10.96	49.746	32.42	7.56	7.73	3.8	3.49
296	10/29/2007 14:01	10.94	49.453	32.2	7.54	7.73	3.0	3.54
297	10/29/2007 14:16	10.95	49.54	32.27	7.48	7.73	2.7	3.56
298	10/29/2007 14:31	11.09	49.488	32.24	7.56	7.73	2.7	3.58
299	10/29/2007 14:46	11.07	49.516	32.26	7.51	7.73	2.9	3.59
300	10/29/2007 15:01	11	49.67	32.36	7.46	7.73	4.0	3.54
301	10/29/2007 15:16	10.97	49.562	32.28	7.46	7.73	3.0	3.49
302	10/29/2007 15:31	11.25	49.351	32.15	7.66	7.74	3.6	3.43
303	10/29/2007 15:46	11.45	49.122	31.99	7.88	7.75	3.8	3.34
304	10/29/2007 16:01	11.46	49.241	32.08	7.86	7.75	3.8	3.22
305	10/29/2007 16:16	11.62	48.992	31.91	7.9	7.75	4.6	3.11
306	10/29/2007 16:31	11.73	48.806	31.78	7.9	7.75	5.9	2.99
307	10/29/2007 16:46	11.74	49.139	32.02	7.88	7.75	5.5	2.86
308	10/29/2007 17:01	11.88	48.671	31.69	7.93	7.75	5.3	2.74
309	10/29/2007 17:16	12.08	48.806	31.79	7.95	7.75	6.2	2.60
310	10/29/2007 17:31	12.2	48.332	31.46	7.98	7.76	9.1	2.47
311	10/29/2007 17:46	12.16	48.659	31.69	7.97	7.75	8.2	2.32
312	10/29/2007 18:01	12.32	48.028	31.24	7.97	7.75	6.9	2.18
313	10/29/2007 18:16	12.36	47.998	31.22	7.95	7.75	7.4	2.03
314	10/29/2007 18:31	12.5	48.199	31.37	7.89	7.75	8.6	1.86
315	10/29/2007 18:46	12.53	47.973	31.21	7.84	7.74	12.2	1.73
316	10/29/2007 19:01	12.75	47.484	30.86	7.82	7.74	13.0	1.57
317	10/29/2007 19:16	12.82	47.557	30.92	7.78	7.74	12.5	1.41
318	10/29/2007 19:31	12.92	47.21	30.67	7.74	7.74	13.8	1.24
319	10/29/2007 19:46	13.07	47.223	30.69	7.76	7.74	12.4	1.07
320	10/29/2007 20:01	13.13	46.837	30.41	7.72	7.74	13.5	0.94
321	10/29/2007 20:16	13.18	47.192	30.67	7.64	7.73	10.7	0.79
322	10/29/2007 20:31	13.22	46.696	30.31	7.62	7.73	12.3	0.67
323	10/29/2007 20:46	13.31	46.748	30.35	7.54	7.72	11.0	0.57
324	10/29/2007 21:01	13.33	46.38	30.09	7.47	7.72	6.0	0.52
325	10/29/2007 21:16	13.33	46.649	30.28	7.18	7.7	4.7	0.53
326	10/29/2007 21:31	13.33	46.348	30.07	7.53	7.72	5.5	0.56
327	10/29/2007 21:46	13.3	46.374	30.08	7.58	7.72	6.1	0.65
328	10/29/2007 22:01	13.28	46.447	30.14	7.64	7.73	6.5	0.73
329	10/29/2007 22:16	13.28	46.44	30.13	7.66	7.73	6.4	0.82
330	10/29/2007 22:31	13.24	46.571	30.22	7.66	7.73	6.0	0.89
331	10/29/2007 22:46	13.16	46.179	29.94	7.61	7.71	6.8	0.95
332	10/29/2007 23:01	13.18	46.153	29.92	7.6	7.71	6.1	1.01
333	10/29/2007 23:16	13.18	46.337	30.05	7.6	7.71	7.2	1.08
334	10/29/2007 23:31	13.19	46.47	30.15	7.61	7.71	6.3	1.17
335	10/29/2007 23:46	13.17	46.608	30.25	7.62	7.72	6.8	1.25

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
336	10/30/2007 00:01	13.14	46.325	30.04	7.63	7.71	6.8	1.34
337	10/30/2007 00:16	13.1	46.398	30.09	7.66	7.71	6.8	1.45
338	10/30/2007 00:31	13.04	46.851	30.42	7.68	7.72	6.9	1.56
339	10/30/2007 00:46	12.95	47.214	30.68	7.74	7.73	6.9	1.66
340	10/30/2007 01:01	12.94	47.464	30.86	7.75	7.73	7.4	1.77
341	10/30/2007 01:16	12.91	47.235	30.69	7.77	7.73	7.0	1.89
342	10/30/2007 01:31	12.87	47.557	30.92	7.78	7.73	7.1	1.99
343	10/30/2007 01:46	12.8	47.414	30.82	7.8	7.73	8.0	2.09
344	10/30/2007 02:01	12.73	47.456	30.84	7.82	7.73	7.9	2.19
345	10/30/2007 02:16	12.64	47.599	30.94	7.83	7.74	7.2	2.28
346	10/30/2007 02:31	12.53	47.735	31.04	7.84	7.74	11.2	2.37
347	10/30/2007 02:46	12.42	47.843	31.11	7.86	7.74	9.2	2.44
348	10/30/2007 03:01	12.31	48.273	31.42	7.85	7.74	8.6	2.51
349	10/30/2007 03:16	12.05	48.234	31.38	7.82	7.73	8.0	2.58
350	10/30/2007 03:31	11.88	48.391	31.48	7.78	7.73	6.7	2.65
351	10/30/2007 03:46	11.78	48.52	31.57	7.75	7.73	6.1	2.70
352	10/30/2007 04:01	11.72	48.556	31.6	7.73	7.73	6.0	2.75
353	10/30/2007 04:16	11.65	48.694	31.69	7.71	7.73	5.2	2.79
354	10/30/2007 04:31	11.64	48.846	31.8	7.68	7.73	4.6	2.83
355	10/30/2007 04:46	11.61	48.911	31.85	7.61	7.73	3.8	2.84
356	10/30/2007 05:01	11.7	48.763	31.74	7.63	7.73	4.1	2.85
357	10/30/2007 05:16	11.63	48.914	31.85	7.58	7.72	4.1	2.84
358	10/30/2007 05:31	11.59	49.094	31.98	7.61	7.72	4.3	2.80
359	10/30/2007 05:46	11.7	48.721	31.71	7.6	7.72	5.2	2.75
360	10/30/2007 06:01	11.8	48.793	31.77	7.64	7.73	6.0	2.70
361	10/30/2007 06:16	11.86	48.53	31.58	7.62	7.73	6.3	2.62
362	10/30/2007 06:31	12	48.562	31.61	7.59	7.72	6.5	2.56
363	10/30/2007 06:46	12.08	48.279	31.41	7.6	7.72	5.4	2.49
364	10/30/2007 07:01	12.22	47.94	31.17	7.58	7.71	6.9	2.40
365	10/30/2007 07:16	12.3	47.894	31.14	7.51	7.71	7.4	2.34
366	10/30/2007 07:31	12.35	47.758	31.05	7.51	7.71	6.1	2.29
367	10/30/2007 07:46	12.4	47.717	31.02	7.51	7.71	5.7	2.23
368	10/30/2007 08:01	12.42	47.796	31.08	7.54	7.71	6.0	2.18
369	10/30/2007 08:16	12.51	47.574	30.92	7.58	7.71	5.3	2.14
370	10/30/2007 08:31	12.57	47.532	30.89	7.56	7.71	5.1	2.11
371	10/30/2007 08:46	12.62	47.453	30.84	7.52	7.71	4.4	2.08
372	10/30/2007 09:01	12.63	47.586	30.93	7.49	7.71	4.6	2.07
373	10/30/2007 09:16	12.67	47.616	30.96	7.28	7.7	1.9	2.08
374	10/30/2007 09:31	12.65	47.38	30.79	7.36	7.7	3.5	2.09
375	10/30/2007 09:46	12.59	47.6	30.94	7.5	7.71	4.4	2.12
376	10/30/2007 10:01	12.54	47.532	30.89	7.46	7.7	4.9	2.14
377	10/30/2007 10:16	12.55	47.602	30.94	7.55	7.71	5.0	2.19
378	10/30/2007 10:31	12.52	47.705	31.02	7.55	7.71	5.0	2.24
379	10/30/2007 10:46	12.52	47.635	30.96	7.55	7.71	6.0	2.29
380	10/30/2007 11:01	12.49	47.701	31.01	7.57	7.71	4.7	2.37
381	10/30/2007 11:16	12.4	47.842	31.11	7.62	7.72	5.2	2.43
382	10/30/2007 11:31	12.25	47.987	31.21	7.61	7.72	4.8	2.50
383	10/30/2007 11:46	12.04	48.165	31.33	7.59	7.71	4.6	2.57

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
384	10/30/2007 12:01	11.89	48.609	31.64	7.62	7.72	5.0	2.63
385	10/30/2007 12:16	11.78	48.57	31.61	7.62	7.72	4.3	2.70
386	10/30/2007 12:31	11.72	48.628	31.65	7.62	7.72	4.0	2.79
387	10/30/2007 12:46	11.64	48.787	31.76	7.6	7.72	3.9	2.86
388	10/30/2007 13:01	11.42	49.011	31.91	7.55	7.72	4.6	2.93
389	10/30/2007 13:16	11.35	49.017	31.91	7.54	7.72	4.4	3.01
390	10/30/2007 13:31	11.26	49.173	32.02	7.51	7.72	4.6	3.08
391	10/30/2007 13:46	11.22	49.385	32.17	7.49	7.72	4.4	3.15
392	10/30/2007 14:01	11.09	49.492	32.24	7.45	7.72	4.2	3.21
393	10/30/2007 14:16	11.01	49.428	32.19	7.43	7.71	3.4	3.28
394	10/30/2007 14:31	10.98	49.298	32.09	7.42	7.72	2.9	3.32
395	10/30/2007 14:46	10.97	49.448	32.2	7.41	7.72	2.3	3.36
396	10/30/2007 15:01	10.97	49.536	32.27	7.38	7.72	2.1	3.39
397	10/30/2007 15:16	10.97	49.398	32.17	7.33	7.71	1.6	3.41
398	10/30/2007 15:31	11.08	49.384	32.16	7.35	7.71	2.3	3.41
399	10/30/2007 15:46	10.97	49.426	32.19	7.33	7.71	2.1	3.38
400	10/30/2007 16:01	10.96	49.704	32.39	7.32	7.71	2.2	3.35
401	10/30/2007 16:16	11.04	49.523	32.26	7.36	7.71	3.2	3.30
402	10/30/2007 16:31	11.54	49.009	31.91	7.57	7.73	3.0	3.22
403	10/30/2007 16:46	11.56	49.025	31.93	7.67	7.73	3.5	3.13
404	10/30/2007 17:01	11.64	48.883	31.83	7.72	7.73	3.8	3.03
405	10/30/2007 17:16	11.74	48.865	31.82	7.67	7.73	4.4	2.93
406	10/30/2007 17:31	11.84	48.581	31.62	7.71	7.73	5.4	2.83
407	10/30/2007 17:46	11.85	48.586	31.62	7.69	7.73	4.1	2.71
408	10/30/2007 18:01	11.93	48.561	31.61	7.71	7.73	4.1	2.60
409	10/30/2007 18:16	12.05	48.45	31.53	7.74	7.73	4.6	2.49
410	10/30/2007 18:31	12.1	48.276	31.41	7.75	7.73	6.6	2.34
411	10/30/2007 18:46	12.14	48.19	31.35	7.74	7.73	5.8	2.24
412	10/30/2007 19:01	12.24	48.08	31.28	7.76	7.73	6.8	2.09
413	10/30/2007 19:16	12.36	47.881	31.14	7.75	7.73	7.1	1.97
414	10/30/2007 19:31	12.43	48.036	31.25	7.72	7.72	8.1	1.83
415	10/30/2007 19:46	12.43	48.006	31.23	7.67	7.72	8.5	1.69
416	10/30/2007 20:01	12.52	47.636	30.97	7.64	7.71	8.6	1.56
417	10/30/2007 20:16	12.59	47.478	30.85	7.63	7.71	8.5	1.40
418	10/30/2007 20:31	12.69	47.299	30.73	7.63	7.71	9.4	1.27
419	10/30/2007 20:46	12.74	47.583	30.94	7.62	7.71	8.8	1.14
420	10/30/2007 21:01	12.85	47.154	30.63	7.59	7.71	9.3	1.01
421	10/30/2007 21:16	12.88	47.044	30.55	7.59	7.71	8.8	0.92
422	10/30/2007 21:31	12.97	46.984	30.51	7.58	7.71	7.2	0.82
423	10/30/2007 21:46	13.04	46.947	30.49	7.59	7.71	5.5	0.77
424	10/30/2007 22:01	13.05	46.977	30.51	7.57	7.71	3.9	0.74
425	10/30/2007 22:16	13.05	46.78	30.37	7.34	7.69	2.4	0.72
426	10/30/2007 22:31	13.04	46.582	30.22	7.54	7.7	3.9	0.79
427	10/30/2007 22:46	13.04	46.644	30.27	7.65	7.71	4.9	0.84
428	10/30/2007 23:01	13.01	46.669	30.29	7.66	7.71	4.8	0.88
429	10/30/2007 23:16	13.01	46.656	30.28	7.65	7.71	5.6	0.97
430	10/30/2007 23:31	13	46.885	30.44	7.63	7.71	5.0	1.01
431	10/30/2007 23:46	12.97	46.892	30.45	7.58	7.7	7.0	1.06

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
432	10/31/2007 00:01	12.98	46.667	30.28	7.62	7.7	5.2	1.16
433	10/31/2007 00:16	12.96	46.598	30.23	7.59	7.7	6.2	1.21
434	10/31/2007 00:31	12.93	46.469	30.14	7.59	7.69	5.7	1.27
435	10/31/2007 00:46	12.94	46.894	30.45	7.62	7.7	5.2	1.37
436	10/31/2007 01:01	12.93	46.686	30.3	7.61	7.7	5.5	1.44
437	10/31/2007 01:16	12.9	46.734	30.33	7.63	7.7	5.6	1.53
438	10/31/2007 01:31	12.84	47.298	30.73	7.64	7.7	5.3	1.63
439	10/31/2007 01:46	12.77	47.085	30.58	7.66	7.71	5.3	1.73
440	10/31/2007 02:01	12.7	47.306	30.73	7.68	7.71	5.2	1.84
441	10/31/2007 02:16	12.65	47.392	30.79	7.67	7.71	5.5	1.93
442	10/31/2007 02:31	12.61	47.503	30.87	7.66	7.71	5.2	2.02
443	10/31/2007 02:46	12.57	47.566	30.92	7.68	7.71	5.5	2.11
444	10/31/2007 03:01	12.54	47.474	30.85	7.7	7.71	5.2	2.19
445	10/31/2007 03:16	12.42	47.719	31.02	7.7	7.72	5.7	2.27
446	10/31/2007 03:31	12.35	47.783	31.07	7.7	7.71	6.3	2.34
447	10/31/2007 03:46	12.23	47.929	31.17	7.7	7.72	6.8	2.42
448	10/31/2007 04:01	12.15	48.043	31.24	7.71	7.72	6.1	2.48
449	10/31/2007 04:16	12.08	48.127	31.3	7.72	7.72	5.2	2.55
450	10/31/2007 04:31	11.98	48.368	31.47	7.74	7.72	5.8	2.60
451	10/31/2007 04:46	11.82	48.562	31.6	7.79	7.72	5.4	2.66
452	10/31/2007 05:01	11.7	48.594	31.62	7.82	7.72	5.9	2.71
453	10/31/2007 05:16	11.65	48.622	31.64	7.79	7.72	4.3	2.75
454	10/31/2007 05:31	11.58	48.736	31.72	7.76	7.72	4.1	2.78
455	10/31/2007 05:46	11.52	48.757	31.73	7.72	7.71	3.0	2.80
456	10/31/2007 06:01	11.59	48.793	31.76	7.74	7.72	4.0	2.79
457	10/31/2007 06:16	11.53	48.785	31.75	7.73	7.71	3.8	2.78
458	10/31/2007 06:31	11.54	48.971	31.89	7.71	7.72	3.5	2.76
459	10/31/2007 06:46	11.59	48.811	31.77	7.76	7.72	4.6	2.71
460	10/31/2007 07:01	11.79	48.502	31.56	7.71	7.72	4.1	2.65
461	10/31/2007 07:16	11.98	48.574	31.62	7.65	7.71	5.0	2.60
462	10/31/2007 07:31	12.07	48.098	31.28	7.56	7.7	6.1	2.54
463	10/31/2007 07:46	12.17	47.919	31.16	7.47	7.69	4.7	2.47
464	10/31/2007 08:01	12.22	47.935	31.17	7.43	7.69	4.2	2.42
465	10/31/2007 08:16	12.27	47.93	31.17	7.42	7.69	5.2	2.35
466	10/31/2007 08:31	12.28	47.886	31.14	7.43	7.69	4.6	2.31
467	10/31/2007 08:46	12.31	47.958	31.19	7.39	7.69	4.0	2.27
468	10/31/2007 09:01	12.33	47.87	31.13	7.38	7.69	4.1	2.22
469	10/31/2007 09:16	12.37	47.889	31.14	7.36	7.69	3.0	2.19
470	10/31/2007 09:31	12.37	48.041	31.25	7.39	7.69	3.6	2.16
471	10/31/2007 09:46	12.43	48.006	31.23	7.47	7.69	3.3	2.14
472	10/31/2007 10:01	12.47	47.763	31.06	7.46	7.69	3.0	2.12
473	10/31/2007 10:16	12.49	47.912	31.16	7.42	7.69	2.3	2.12
474	10/31/2007 10:31	12.49	47.747	31.05	7.13	7.68	2.2	2.12
475	10/31/2007 10:46	12.46	47.858	31.12	7.44	7.69	3.2	2.14
476	10/31/2007 11:01	12.42	47.719	31.02	7.46	7.69	3.3	2.16
477	10/31/2007 11:16	12.43	47.917	31.17	7.46	7.7	3.0	2.18
478	10/31/2007 11:31	12.42	47.819	31.09	7.5	7.7	3.3	2.23
479	10/31/2007 11:46	12.4	47.903	31.15	7.52	7.7	3.3	2.27

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
480	10/31/2007 12:01	12.4	47.846	31.11	7.55	7.7	4.4	2.32
481	10/31/2007 12:16	12.38	47.649	30.97	7.53	7.7	3.6	2.38
482	10/31/2007 12:31	12.31	47.812	31.08	7.53	7.7	3.6	2.43
483	10/31/2007 12:46	12.13	48.22	31.37	7.56	7.7	3.5	2.49
484	10/31/2007 13:01	12	48.175	31.33	7.6	7.7	3.3	2.55
485	10/31/2007 13:16	11.83	48.426	31.51	7.65	7.71	3.2	2.60
486	10/31/2007 13:31	11.78	48.48	31.54	7.69	7.71	3.4	2.67
487	10/31/2007 13:46	11.71	48.855	31.81	7.73	7.71	3.5	2.73
488	10/31/2007 14:01	11.63	48.666	31.67	7.77	7.72	2.9	2.79
489	10/31/2007 14:16	11.55	48.867	31.81	7.78	7.72	2.8	2.85
490	10/31/2007 14:31	11.38	48.944	31.86	7.81	7.72	3.2	2.91
491	10/31/2007 14:46	11.25	49.199	32.04	7.81	7.72	3.2	2.97
492	10/31/2007 15:01	11.2	49.158	32	7.81	7.74	3.1	3.02
493	10/31/2007 15:16	11.17	49.192	32.03	7.82	7.74	3.6	3.08
494	10/31/2007 15:31	11.13	49.338	32.13	7.79	7.74	2.3	3.11
495	10/31/2007 15:46	11.12	49.295	32.1	7.81	7.74	3.1	3.16
496	10/31/2007 16:01	11.09	49.268	32.08	7.79	7.74	2.4	3.18
497	10/31/2007 16:16	11.18	49.319	32.12	7.69	7.72	2.1	3.19
498	10/31/2007 16:31	11.08	49.478	32.23	7.72	7.73	2.1	3.20
499	10/31/2007 16:46	11.07	49.321	32.12	7.75	7.73	2.5	3.17
500	10/31/2007 17:01	11.08	49.246	32.06	7.79	7.74	2.5	3.14
501	10/31/2007 17:16	11.13	49.162	32	7.77	7.73	2.5	3.09
502	10/31/2007 17:31	11.43	49.009	31.91	7.81	7.72	2.7	3.02
503	10/31/2007 17:46	11.61	48.829	31.79	7.84	7.72	3.2	2.95
504	10/31/2007 18:01	11.6	48.725	31.71	7.86	7.72	4.1	2.87
505	10/31/2007 18:16	11.64	48.81	31.78	7.87	7.72	3.8	2.78
506	10/31/2007 18:31	11.69	48.747	31.73	7.84	7.72	4.3	2.68
507	10/31/2007 18:46	11.89	48.387	31.48	7.82	7.72	5.6	2.58
508	10/31/2007 19:01	12	48.263	31.4	7.79	7.72	4.8	2.48
509	10/31/2007 19:16	11.98	48.272	31.4	7.8	7.71	4.9	2.38
510	10/31/2007 19:31	11.92	48.304	31.42	7.8	7.71	4.9	2.28
511	10/31/2007 19:46	12.02	48.006	31.21	7.79	7.71	9.3	2.15
512	10/31/2007 20:01	12.14	48.047	31.25	7.77	7.71	6.0	2.03
513	10/31/2007 20:16	12.2	47.924	31.16	7.78	7.71	6.3	1.92
514	10/31/2007 20:31	12.29	47.806	31.08	7.76	7.71	6.6	1.80
515	10/31/2007 20:46	12.27	48.02	31.23	7.72	7.7	7.6	1.66
516	10/31/2007 21:01	12.41	47.649	30.97	7.7	7.7	7.6	1.54
517	10/31/2007 21:16	12.45	47.569	30.91	7.68	7.7	6.9	1.42
518	10/31/2007 21:31	12.51	47.475	30.85	7.67	7.7	8.0	1.31
519	10/31/2007 21:46	12.56	47.392	30.79	7.65	7.7	6.3	1.20
520	10/31/2007 22:01	12.6	47.305	30.73	7.65	7.69	6.7	1.09
521	10/31/2007 22:16	12.65	47.483	30.86	7.66	7.7	5.6	1.02
522	10/31/2007 22:31	12.66	47.364	30.78	7.65	7.7	4.6	0.95
523	10/31/2007 22:46	12.69	47.467	30.85	7.68	7.7	4.9	0.90
524	10/31/2007 23:01	12.73	47.1	30.59	7.68	7.7	3.5	0.87
525	10/31/2007 23:16	12.73	46.949	30.48	7.57	7.69	1.5	0.88
526	10/31/2007 23:31	12.7	46.969	30.49	7.73	7.7	5.0	0.90
527	10/31/2007 23:46	12.7	47.059	30.56	7.8	7.7	3.9	0.94

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
528	11/1/2007 00:01	12.68	47.059	30.56	7.75	7.7	4.7	1.00
529	11/1/2007 00:16	12.68	47.031	30.54	7.77	7.7	4.4	1.04
530	11/1/2007 00:31	12.68	47.023	30.53	7.74	7.7	3.5	1.08
531	11/1/2007 00:46	12.68	47.034	30.54	7.75	7.7	4.4	1.15
532	11/1/2007 01:01	12.64	46.933	30.46	7.72	7.69	5.1	1.20
533	11/1/2007 01:16	12.63	47.003	30.51	7.72	7.69	5.0	1.26
534	11/1/2007 01:31	12.61	46.877	30.42	7.71	7.68	5.1	1.33
535	11/1/2007 01:46	12.62	47.023	30.53	7.71	7.69	4.8	1.40
536	11/1/2007 02:01	12.62	47.028	30.53	7.72	7.69	5.0	1.48
537	11/1/2007 02:16	12.6	47.007	30.52	7.71	7.69	4.6	1.54
538	11/1/2007 02:31	12.57	47.041	30.54	7.71	7.69	5.0	1.66
539	11/1/2007 02:46	12.52	47.065	30.55	7.71	7.69	5.0	1.74
540	11/1/2007 03:01	12.45	47.204	30.65	7.7	7.69	4.7	1.82
541	11/1/2007 03:16	12.42	47.466	30.84	7.69	7.69	4.5	1.92
542	11/1/2007 03:31	12.34	47.633	30.96	7.7	7.7	4.8	2.00
543	11/1/2007 03:46	12.31	47.753	31.04	7.7	7.7	4.5	2.09
544	11/1/2007 04:01	12.28	47.816	31.09	7.7	7.7	4.7	2.17
545	11/1/2007 04:16	12.23	47.858	31.11	7.72	7.7	4.7	2.25
546	11/1/2007 04:31	12.14	47.999	31.21	7.73	7.7	4.7	2.32
547	11/1/2007 04:46	12.07	48.086	31.27	7.73	7.7	5.5	2.39
548	11/1/2007 05:01	11.99	48.194	31.35	7.75	7.7	6.1	2.45
549	11/1/2007 05:16	11.89	48.667	31.68	7.78	7.71	5.4	2.52
550	11/1/2007 05:31	11.83	48.682	31.69	7.79	7.71	4.9	2.58
551	11/1/2007 05:46	11.75	48.458	31.53	7.81	7.71	4.4	2.62
552	11/1/2007 06:01	11.63	48.776	31.75	7.83	7.71	5.1	2.67
553	11/1/2007 06:16	11.52	48.752	31.73	7.86	7.72	4.1	2.70
554	11/1/2007 06:31	11.41	49.186	32.04	7.85	7.72	3.2	2.75
555	11/1/2007 06:46	11.36	48.88	31.81	7.82	7.72	3.3	2.75
556	11/1/2007 07:01	11.47	48.871	31.81	7.77	7.72	2.9	2.77
557	11/1/2007 07:16	11.36	49.043	31.93	7.74	7.72	3.5	2.76
558	11/1/2007 07:31	11.37	48.905	31.83	7.81	7.72	4.1	2.75
559	11/1/2007 07:46	11.41	49.018	31.91	7.79	7.72	3.2	2.71
560	11/1/2007 08:01	11.57	48.813	31.77	7.76	7.72	3.7	2.66
561	11/1/2007 08:16	11.73	48.763	31.75	7.72	7.7	3.9	2.62
562	11/1/2007 08:31	11.86	48.593	31.63	7.6	7.69	3.6	2.56
563	11/1/2007 08:46	11.91	48.357	31.46	7.61	7.69	4.3	2.50
564	11/1/2007 09:01	11.95	48.335	31.45	7.54	7.69	3.3	2.46
565	11/1/2007 09:16	11.97	48.295	31.42	7.54	7.68	4.7	2.39
566	11/1/2007 09:31	12.04	48.113	31.29	7.55	7.68	4.6	2.34
567	11/1/2007 09:46	12.07	48.303	31.43	7.53	7.68	3.7	2.31
568	11/1/2007 10:01	12.1	48.315	31.44	7.5	7.68	3.6	2.24
569	11/1/2007 10:16	12.11	48.025	31.23	7.49	7.67	3.0	2.20
570	11/1/2007 10:31	12.13	48.142	31.32	7.49	7.68	3.1	2.17
571	11/1/2007 10:46	12.17	48.17	31.34	7.56	7.68	4.1	2.12
572	11/1/2007 11:01	12.2	48.002	31.22	7.59	7.69	2.9	2.10
573	11/1/2007 11:16	12.25	47.779	31.06	7.57	7.68	3.0	2.09
574	11/1/2007 11:31	12.28	47.756	31.04	7.5	7.68	2.1	2.06
575	11/1/2007 11:46	12.3	47.928	31.17	7.27	7.66	1.1	2.09

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
576	11/1/2007 12:01	12.28	47.843	31.11	7.49	7.68	1.6	2.08
577	11/1/2007 12:16	12.26	47.959	31.19	7.6	7.69	3.3	2.11
578	11/1/2007 12:31	12.23	48.135	31.31	7.57	7.68	2.9	2.11
579	11/1/2007 12:46	12.23	48.081	31.28	7.6	7.69	2.8	2.16
580	11/1/2007 13:01	12.27	48.108	31.3	7.62	7.69	2.9	2.20
581	11/1/2007 13:16	12.2	48.145	31.32	7.62	7.69	3.2	2.24
582	11/1/2007 13:31	12.27	47.942	31.18	7.65	7.69	3.0	2.27
583	11/1/2007 13:46	12.22	48.1	31.29	7.62	7.69	2.9	2.30
584	11/1/2007 14:01	12.14	48.288	31.42	7.62	7.69	3.1	2.37
585	11/1/2007 14:16	12	48.498	31.57	7.63	7.69	3.0	2.42
586	11/1/2007 14:31	11.89	48.654	31.67	7.64	7.69	2.9	2.45
587	11/1/2007 14:46	11.82	48.518	31.57	7.7	7.69	3.0	2.52
588	11/1/2007 15:01	11.69	48.785	31.76	7.76	7.7	2.9	2.57
589	11/1/2007 15:16	11.6	48.951	31.88	7.79	7.72	2.8	2.61
590	11/1/2007 15:31	11.52	49.022	31.92	7.81	7.72	2.5	2.67
591	11/1/2007 15:46	11.49	49.159	32.02	7.8	7.72	2.7	2.71
592	11/1/2007 16:01	11.46	49.19	32.04	7.82	7.72	2.5	2.77
593	11/1/2007 16:16	11.51	49.194	32.05	7.85	7.73	2.4	2.81
594	11/1/2007 16:31	11.45	49.035	31.93	7.87	7.73	2.2	2.84
595	11/1/2007 16:46	11.36	49.333	32.14	7.82	7.73	2.2	2.88
596	11/1/2007 17:01	11.27	49.183	32.03	7.78	7.72	2.1	2.90
597	11/1/2007 17:16	11.29	49.378	32.17	7.74	7.72	1.9	2.93
598	11/1/2007 17:31	11.3	49.334	32.14	7.62	7.72	1.1	2.94
599	11/1/2007 17:46	11.32	49.258	32.08	7.68	7.72	1.6	2.94
600	11/1/2007 18:01	11.3	49.262	32.09	7.67	7.72	1.8	2.93
601	11/1/2007 18:16	11.29	49.345	32.15	7.73	7.72	2.5	2.89
602	11/1/2007 18:31	11.43	49.101	31.98	7.78	7.72	2.5	2.85
603	11/1/2007 18:46	11.5	48.973	31.89	7.8	7.72	2.4	2.79
604	11/1/2007 19:01	11.59	48.799	31.77	7.85	7.73	3.0	2.74
605	11/1/2007 19:16	11.71	48.705	31.7	7.86	7.71	3.4	2.66
606	11/1/2007 19:31	11.79	48.621	31.65	7.9	7.72	3.4	2.58
607	11/1/2007 19:46	11.95	48.377	31.48	7.96	7.72	3.2	2.50
608	11/1/2007 20:01	12.07	48.286	31.42	8.05	7.73	4.4	2.41
609	11/1/2007 20:16	12.15	48.15	31.32	8.03	7.73	3.5	2.32
610	11/1/2007 20:31	12.15	48.095	31.28	8.05	7.73	3.7	2.24
611	11/1/2007 20:46	12.06	47.986	31.2	7.95	7.71	3.9	2.14
612	11/1/2007 21:01	12.09	48.055	31.25	7.94	7.71	4.9	2.03
613	11/1/2007 21:16	12.17	47.975	31.2	7.97	7.72	5.0	1.94
614	11/1/2007 21:31	12.19	47.936	31.17	8.01	7.72	5.9	1.84
615	11/1/2007 21:46	12.27	48.198	31.36	8.13	7.73	6.5	1.74
616	11/1/2007 22:01	12.28	48.071	31.27	8.13	7.73	6.1	1.62
617	11/1/2007 22:16	12.29	47.715	31.01	8.15	7.73	6.1	1.52
618	11/1/2007 22:31	12.37	47.998	31.22	8.25	7.73	5.5	1.44
619	11/1/2007 22:46	12.45	47.802	31.08	8.38	7.75	4.7	1.33
620	11/1/2007 23:01	12.52	47.555	30.91	8.53	7.76	4.4	1.24
621	11/1/2007 23:16	12.56	47.633	30.97	8.63	7.77	6.9	1.17
622	11/1/2007 23:31	12.58	47.207	30.66	8.65	7.77	4.0	1.12
623	11/1/2007 23:46	12.58	47.588	30.93	8.7	7.78	3.8	1.06

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
624	11/2/2007 00:01	12.59	47.4	30.8	8.71	7.78	2.9	1.05
625	11/2/2007 00:16	12.59	47.52	30.88	8.61	7.78	1.9	1.03
626	11/2/2007 00:31	12.56	47.221	30.67	8.66	7.78	3.0	1.02
627	11/2/2007 00:46	12.55	47.223	30.67	8.68	7.78	3.9	1.06
628	11/2/2007 01:01	12.54	47.184	30.64	8.64	7.77	3.5	1.08
629	11/2/2007 01:16	12.54	47.207	30.66	8.6	7.77	3.9	1.12
630	11/2/2007 01:31	12.53	47.384	30.78	8.58	7.77	3.6	1.18
631	11/2/2007 01:46	12.51	47.416	30.81	8.54	7.76	3.6	1.22
632	11/2/2007 02:01	12.5	47.199	30.65	8.47	7.75	4.1	1.26
633	11/2/2007 02:16	12.51	47.251	30.69	8.44	7.75	3.6	1.36
634	11/2/2007 02:31	12.5	47.447	30.83	8.4	7.75	3.9	1.41
635	11/2/2007 02:46	12.5	47.253	30.69	8.37	7.74	3.9	1.47
636	11/2/2007 03:01	12.49	47.248	30.68	8.35	7.74	3.9	1.55
637	11/2/2007 03:16	12.48	47.243	30.68	8.32	7.74	3.8	1.63
638	11/2/2007 03:31	12.44	47.375	30.77	8.26	7.73	3.9	1.72
639	11/2/2007 03:46	12.4	47.312	30.73	8.22	7.73	4.1	1.81
640	11/2/2007 04:01	12.35	47.828	31.1	8.14	7.72	4.0	1.89
641	11/2/2007 04:16	12.31	47.607	30.94	8.05	7.72	4.3	1.97
642	11/2/2007 04:31	12.22	48.129	31.31	7.92	7.7	4.7	2.05
643	11/2/2007 04:46	12.19	47.853	31.11	7.9	7.7	4.3	2.13
644	11/2/2007 05:01	12.16	48.129	31.31	7.89	7.72	3.6	2.20
645	11/2/2007 05:16	12.1	48.143	31.31	7.9	7.72	2.5	2.27
646	11/2/2007 05:31	12.01	48.136	31.31	7.89	7.72	2.7	2.36
647	11/2/2007 05:46	11.96	48.22	31.36	7.9	7.72	2.5	2.42
648	11/2/2007 06:01	11.88	48.584	31.62	7.88	7.72	3.1	2.49
649	11/2/2007 06:16	11.75	48.397	31.48	7.92	7.72	3.5	2.54
650	11/2/2007 06:31	11.7	48.396	31.48	7.92	7.72	2.8	2.61
651	11/2/2007 06:46	11.63	48.524	31.57	7.91	7.72	2.7	2.66
652	11/2/2007 07:01	11.5	48.554	31.58	7.95	7.72	2.9	2.69
653	11/2/2007 07:16	11.4	48.785	31.74	8	7.72	2.5	2.74
654	11/2/2007 07:31	11.34	48.907	31.83	8.03	7.72	2.1	2.79
655	11/2/2007 07:46	11.24	48.987	31.88	8.04	7.71	1.5	2.80
656	11/2/2007 08:01	11.33	49.078	31.95	7.99	7.71	1.6	2.81
657	11/2/2007 08:16	11.21	49.29	32.1	8.05	7.71	1.4	2.82
658	11/2/2007 08:31	11.2	49.113	31.97	8.1	7.71	2.1	2.79
659	11/2/2007 08:46	11.25	48.989	31.89	8.06	7.71	2.1	2.75
660	11/2/2007 09:01	11.47	49.008	31.91	7.89	7.71	1.6	2.70
661	11/2/2007 09:16	11.64	48.586	31.61	7.81	7.71	1.8	2.65
662	11/2/2007 09:31	11.72	48.559	31.6	7.76	7.71	1.4	2.60
663	11/2/2007 09:46	11.83	48.431	31.51	7.71	7.7	1.6	2.53
664	11/2/2007 10:01	11.84	48.244	31.38	7.74	7.71	1.8	2.45
665	11/2/2007 10:16	11.88	48.403	31.49	7.78	7.71	6.7	2.40
666	11/2/2007 10:31	11.95	48.243	31.38	7.78	7.71	1.9	2.34
667	11/2/2007 10:46	12	48.183	31.34	7.79	7.71	1.4	2.28
668	11/2/2007 11:01	12.07	48.153	31.32	7.84	7.72	1.5	2.23
669	11/2/2007 11:16	12.11	48.417	31.51	7.84	7.72	1.1	2.19
670	11/2/2007 11:31	12.17	48.061	31.26	8.02	7.72	1.2	2.13
671	11/2/2007 11:46	12.22	48.249	31.4	8.1	7.72	1.1	2.09

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
672	11/2/2007 12:01	12.26	48.015	31.23	8.14	7.73	1.1	2.03
673	11/2/2007 12:16	12.35	48.068	31.27	8.16	7.73	1.2	2.01
674	11/2/2007 12:31	12.43	47.932	31.18	8.14	7.73	0.9	1.99
675	11/2/2007 12:46	12.5	47.89	31.15	8.16	7.73	0.7	1.94
676	11/2/2007 13:01	12.55	48.038	31.26	8.08	7.73	0.1	1.95
677	11/2/2007 13:16	12.49	47.852	31.12	8.09	7.73	0.3	1.95
678	11/2/2007 13:31	12.43	48.031	31.25	8.07	7.72	0.8	1.94
679	11/2/2007 13:46	12.44	47.925	31.17	8.06	7.72	1.1	1.97
680	11/2/2007 14:01	12.36	47.939	31.18	8.07	7.72	1.0	2.00
681	11/2/2007 14:16	12.37	48.121	31.31	8.06	7.72	1.1	2.03
682	11/2/2007 14:31	12.38	47.939	31.18	8.02	7.71	1.0	2.08
683	11/2/2007 14:46	12.4	48.054	31.26	8.03	7.71	1.6	2.12
684	11/2/2007 15:01	12.47	47.965	31.2	7.99	7.71	1.0	2.16
685	11/2/2007 15:16	12.38	48.283	31.43	7.93	7.71	0.8	2.21
686	11/2/2007 15:31	12.27	48.256	31.4	7.9	7.7	0.8	2.26
687	11/2/2007 15:46	12.14	48.341	31.46	7.88	7.72	0.8	2.31
688	11/2/2007 16:01	12.07	48.37	31.48	7.9	7.72	0.8	2.38
689	11/2/2007 16:16	11.93	48.413	31.5	7.94	7.72	1.1	2.42
690	11/2/2007 16:31	11.86	48.503	31.56	8	7.72	1.0	2.48
691	11/2/2007 16:46	11.76	48.792	31.77	8.03	7.72	0.9	2.52
692	11/2/2007 17:01	11.67	48.854	31.81	8.06	7.72	1.4	2.56
693	11/2/2007 17:16	11.63	48.886	31.83	8.07	7.72	1.1	2.60
694	11/2/2007 17:31	11.56	48.963	31.88	8.11	7.72	0.9	2.65
695	11/2/2007 17:46	11.5	48.976	31.89	8.11	7.72	0.8	2.69
696	11/2/2007 18:01	11.49	49.102	31.98	8.12	7.72	0.8	2.71
697	11/2/2007 18:16	11.62	49.143	32.02	8.19	7.73	0.8	2.76
698	11/2/2007 18:31	11.57	49.203	32.06	8.18	7.73	0.5	2.77
699	11/2/2007 18:46	11.61	48.94	31.87	8.11	7.73	0.0	2.79
700	11/2/2007 19:01	11.62	48.951	31.88	8.08	7.72	0.0	2.80
701	11/2/2007 19:16	11.55	49.143	32.01	8.09	7.72	0.7	2.78
702	11/2/2007 19:31	11.54	48.904	31.84	8.1	7.72	0.8	2.77
703	11/2/2007 19:46	11.58	48.92	31.85	8.08	7.72	2.0	2.72
704	11/2/2007 20:01	11.65	48.729	31.72	8.04	7.72	1.0	2.68
705	11/2/2007 20:16	11.72	48.777	31.76	8.03	7.72	0.4	2.63
706	11/2/2007 20:31	11.78	49.241	32.09	8.03	7.73	1.1	2.55
707	11/2/2007 20:46	11.9	48.675	31.69	8.07	7.73	1.7	2.48
708	11/2/2007 21:01	12.15	48.459	31.55	8.14	7.74	1.6	2.41
709	11/2/2007 21:16	12.27	48.53	31.6	8.17	7.73	1.9	2.34
710	11/2/2007 21:31	12.37	48.258	31.41	8.23	7.74	1.4	2.25
711	11/2/2007 21:46	12.4	48.152	31.33	8.23	7.74	1.6	2.18
712	11/2/2007 22:01	12.4	48.148	31.33	8.23	7.74	1.8	2.09
713	11/2/2007 22:16	12.22	48.316	31.45	8.07	7.73	2.7	1.98
714	11/2/2007 22:31	12.22	48.111	31.3	8.09	7.74	3.5	1.91
715	11/2/2007 22:46	12.31	48.189	31.36	8.21	7.75	3.3	1.81
716	11/2/2007 23:01	12.39	48.063	31.27	8.36	7.76	2.9	1.73
717	11/2/2007 23:16	12.46	47.816	31.09	8.49	7.77	2.8	1.63
718	11/2/2007 23:31	12.59	47.728	31.03	8.69	7.79	2.7	1.53
719	11/2/2007 23:46	12.6	47.547	30.9	8.77	7.8	3.2	1.45

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	11/3/2007 00:01	12.63	47.631	30.97	8.93	7.81	2.2	1.40
721	11/3/2007 00:16	12.64	47.561	30.92	8.97	7.81	1.6	1.33
722	11/3/2007 00:31	12.63	47.745	31.05	8.86	7.81	2.4	1.25
723	11/3/2007 00:46	12.64	47.744	31.05	9.02	7.83	4.0	1.23
724	11/3/2007 01:01	12.65	47.466	30.85	9	7.83	1.1	1.19
725	11/3/2007 01:16	12.64	47.56	30.92	9.01	7.83	0.7	1.16
726	11/3/2007 01:31	12.61	47.581	30.93	8.74	7.81	0.0	1.16
727	11/3/2007 01:46	12.59	47.493	30.86	8.99	7.82	1.8	1.19
728	11/3/2007 02:01	12.6	47.501	30.87	8.97	7.81	1.8	1.20
729	11/3/2007 02:16	12.57	47.56	30.91	8.93	7.81	1.7	1.23
730	11/3/2007 02:31	12.55	47.561	30.91	8.93	7.81	1.8	1.28
731	11/3/2007 02:46	12.53	47.618	30.95	8.9	7.82	1.9	1.33
732	11/3/2007 03:01	12.51	47.644	30.97	8.83	7.8	1.8	1.38
733	11/3/2007 03:16	12.46	47.495	30.86	8.7	7.8	2.4	1.45
734	11/3/2007 03:31	12.48	47.921	31.17	8.67	7.8	2.1	1.53
735	11/3/2007 03:46	12.47	47.569	30.92	8.63	7.79	2.0	1.58
736	11/3/2007 04:01	12.47	47.455	30.83	8.56	7.78	1.7	1.65
737	11/3/2007 04:16	12.44	47.699	31.01	8.54	7.78	1.8	1.74
738	11/3/2007 04:31	12.39	47.78	31.06	8.46	7.77	1.8	1.82
739	11/3/2007 04:46	12.32	47.68	30.99	8.34	7.76	2.1	1.90
740	11/3/2007 05:01	12.26	47.915	31.16	8.18	7.74	2.0	1.99
741	11/3/2007 05:16	12.17	48.237	31.39	8.1	7.73	2.1	2.06
742	11/3/2007 05:31	12.12	48.091	31.28	8.05	7.73	1.9	2.16
743	11/3/2007 05:46	12.09	48.32	31.44	8.04	7.72	2.4	2.23
744	11/3/2007 06:01	12.02	48.212	31.36	8.06	7.73	2.4	2.30
745	11/3/2007 06:16	11.95	48.383	31.48	8.06	7.72	2.3	2.37
746	11/3/2007 06:31	11.84	48.83	31.8	8.04	7.72	2.9	2.45
747	11/3/2007 06:46	11.72	48.535	31.58	8.08	7.72	3.4	2.52
748	11/3/2007 07:01	11.6	48.616	31.63	8.12	7.72	4.0	2.58
749	11/3/2007 07:16	11.52	48.994	31.9	8.14	7.72	3.5	2.65
750	11/3/2007 07:31	11.43	48.848	31.79	8.18	7.72	2.7	2.71
751	11/3/2007 07:46	11.3	49.323	32.13	8.25	7.72	2.8	2.76
752	11/3/2007 08:01	11.2	49.497	32.25	8.33	7.72	3.2	2.81
753	11/3/2007 08:16	11.15	49.131	31.98	8.36	7.72	2.1	2.85
754	11/3/2007 08:31	11.06	49.341	32.13	8.4	7.72	1.7	2.89
755	11/3/2007 08:46	11.03	49.401	32.17	8.37	7.72	1.0	2.90
756	11/3/2007 09:01	11.08	49.361	32.15	8.37	7.72	2.1	2.90
757	11/3/2007 09:16	11.03	49.408	32.18	8.41	7.72	2.1	2.89
758	11/3/2007 09:31	11.03	49.416	32.18	8.43	7.72	2.7	2.86
759	11/3/2007 09:46	11.15	49.496	32.25	8.34	7.72	2.2	2.80
760	11/3/2007 10:01	11.32	48.998	31.9	8.21	7.72	1.9	2.74
761	11/3/2007 10:16	11.49	48.792	31.75	8.12	7.72	1.9	2.67
762	11/3/2007 10:31	11.51	48.779	31.75	8.12	7.72	1.8	2.61
763	11/3/2007 10:46	11.57	48.877	31.82	8.1	7.72	1.5	2.53
764	11/3/2007 11:01	11.64	48.607	31.63	8.1	7.72	3.3	2.46
765	11/3/2007 11:16	11.73	48.601	31.63	8.22	7.73	2.9	2.39
766	11/3/2007 11:31	11.84	48.521	31.58	8.18	7.74	1.1	2.33
767	11/3/2007 11:46	11.96	48.445	31.53	8.27	7.74	1.3	2.25

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	
768	11/3/2007 12:01	12.12	48.743	31.75	8.35	7.76	1.1	2.18	
769	11/3/2007 12:16	12.24	48.501	31.58	8.42	7.76	1.3	2.12	
770	11/3/2007 12:31	12.3	48.652	31.69	8.58	7.77	1.4	2.05	
771	11/3/2007 12:46	12.4	48.331	31.46	8.63	7.78	1.4	1.99	
772	11/3/2007 13:01	12.5	48.499	31.59	8.69	7.79	1.0	1.94	
773	11/3/2007 13:16	12.64	48.49	31.59	8.8	7.78	0.8	1.89	
774	11/3/2007 13:31	12.74	48.416	31.54	8.92	7.8	0.8	1.84	
775	11/3/2007 13:46	12.86	48.344	31.49	9	7.8	0.5	1.81	
776	11/3/2007 14:01	12.89	48.191	31.38	9.05	7.81	0.3	1.77	
777	11/3/2007 14:16	12.85	48.324	31.48	8.91	7.81	0.0	1.78	
778	11/3/2007 14:31	12.97	47.976	31.23	8.98	7.81	0.2	1.77	
779	11/3/2007 14:46	12.85	48.373	31.51	8.94	7.8	0.6	1.78	
780	11/3/2007 15:01	12.74	48.418	31.54	8.87	7.79	0.5	1.80	
781	11/3/2007 15:16	12.66	48.305	31.46	8.74	7.79	1.1	1.84	
782	11/3/2007 15:31	12.64	48.442	31.55	8.68	7.79	0.7	1.88	
783	11/3/2007 15:46	12.51	48.237	31.4	8.62	7.78	0.6	1.94	
784	11/3/2007 16:01	12.55	48.124	31.32	8.58	7.77	1.1	1.99	
785	11/3/2007 16:16	12.53	48.033	31.25	8.54	7.77	1.0	2.04	
786	11/3/2007 16:31	12.46	48.11	31.31	8.48	7.76	0.7	2.10	
787	11/3/2007 16:46	12.31	48.184	31.35	8.42	7.75	0.7	2.16	
788	11/3/2007 17:01	12.27	48.351	31.47	8.37	7.75	0.7	2.20	
789	11/3/2007 17:16	12.16	48.43	31.52	8.3	7.74	0.6	2.25	
790	11/3/2007 17:31	12.08	48.767	31.77	8.28	7.74	0.8	2.31	
791	11/3/2007 17:46	12.05	48.822	31.8	8.27	7.74	1.0	2.36	
792	11/3/2007 18:01	12.02	48.891	31.85	8.3	7.74	0.7	2.41	
793	11/3/2007 18:16	11.89	48.881	31.84	8.33	7.74	0.6	2.47	
794	11/3/2007 18:31	11.8	49.152	32.03	8.34	7.74	0.7	2.52	
795	11/3/2007 18:46	11.73	48.776	31.76	8.34	7.73	0.7	2.56	
796	11/3/2007 19:01	11.66	48.901	31.84	8.35	7.73	1.0	2.61	
797	11/3/2007 19:16	11.62	49.497	32.27	8.35	7.73	0.8	2.65	
798	11/3/2007 19:31	11.61	49.529	32.29	8.35	7.73	1.0	2.69	
799	11/3/2007 19:46	11.6	49.558	32.32	8.36	7.73	0.5	2.72	
800	11/3/2007 20:01	11.57	49.616	32.36	8.29	7.72	0.1	2.73	
801	11/3/2007 20:16	11.54	49.655	32.38	8.09	7.71	0.0	2.76	
802	11/3/2007 20:31	11.58	49.579	32.33	8.27	7.73	0.4	2.75	
803	11/3/2007 20:46	11.5	49.699	32.41	8.27	7.72	1.0	2.72	
804	11/3/2007 21:01	11.51	49.638	32.37	8.3	7.72	1.0	2.69	
805	11/3/2007 21:16	11.55	49.627	32.36	8.28	7.73	0.8	2.65	
806	11/3/2007 21:31	11.65	49.484	32.26	8.19	7.72	0.8	2.59	
807	11/3/2007 21:46	11.75	49.332	32.16	8.2	7.73	1.0	2.51	
808	11/3/2007 22:01	11.86	49.271	32.12	8.22	7.73	1.3	2.45	
809	11/3/2007 22:16	12.01	49.171	32.05	8.28	7.74	0.9	2.39	
810	11/3/2007 22:31	12.13	49.067	31.98	8.27	7.75	1.2	2.30	
811	11/3/2007 22:46	12.26	48.925	31.89	8.37	7.76	1.4	2.22	
812	11/3/2007 23:01	12.26	48.875	31.85	8.29	7.75	1.9	2.14	
813	11/3/2007 23:16	12.22	48.853	31.83	8.09	7.73	1.8	2.07	
814	11/3/2007 23:31	12.11	48.898	31.86	8.16	7.74	2.2	1.99	
815	11/3/2007 23:46	12.17	48.791	31.79	8.19	7.74	2.7	1.88	

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
816	11/4/2007 00:01	12.21	48.746	31.76	8.33	7.76	2.3	1.81
817	11/4/2007 00:16	12.29	48.665	31.7	8.58	7.78	2.2	1.73
818	11/4/2007 00:31	12.35	48.598	31.65	8.57	7.8	2.4	1.63
819	11/4/2007 00:46	12.4	48.535	31.61	8.84	7.81	2.3	1.55
820	11/4/2007 01:01	12.49	48.421	31.53	9.02	7.84	1.8	1.49
821	11/4/2007 01:16	12.55	48.359	31.49	9.2	7.86	1.1	1.43
822	11/4/2007 01:31	12.58	48.322	31.46	9.32	7.87	1.0	1.38
823	11/4/2007 01:46	12.59	48.3	31.45	9.38	7.88	0.8	1.33
824	11/4/2007 02:01	12.6	48.269	31.43	9.42	7.89	0.2	1.30
825	11/4/2007 02:16	12.6	48.28	31.44	9.42	7.89	0.1	1.29
826	11/4/2007 02:31	12.57	48.299	31.45	9.36	7.88	0.7	1.30
827	11/4/2007 02:46	12.55	48.312	31.46	9.4	7.88	0.3	1.30
828	11/4/2007 03:01	12.53	48.336	31.47	9.33	7.87	1.1	1.33
829	11/4/2007 03:16	12.51	48.34	31.47	9.3	7.87	1.3	1.40
830	11/4/2007 03:31	12.48	48.372	31.5	9.26	7.86	2.1	1.44
831	11/4/2007 03:46	12.47	48.39	31.51	9.18	7.85	1.8	1.50
832	11/4/2007 04:01	12.37	48.299	31.44	8.96	7.83	2.8	1.55
833	11/4/2007 04:16	12.36	48.23	31.39	8.83	7.82	2.2	1.63
834	11/4/2007 04:31	12.35	48.253	31.4	8.78	7.81	2.1	1.71
835	11/4/2007 04:46	12.3	48.193	31.36	8.67	7.8	2.0	1.76
836	11/4/2007 05:01	12.32	48.325	31.46	8.62	7.79	2.4	1.85
837	11/4/2007 05:16	12.25	48.519	31.59	8.48	7.78	2.4	1.92
838	11/4/2007 05:31	12.17	48.653	31.69	8.32	7.76	2.2	1.99
839	11/4/2007 05:46	12.1	48.751	31.75	8.23	7.75	2.3	2.07
840	11/4/2007 06:01	12.05	48.854	31.83	8.23	7.74	2.6	2.16
841	11/4/2007 06:16	12.02	48.902	31.86	8.23	7.74	2.2	2.24
842	11/4/2007 06:31	12	48.98	31.92	8.23	7.74	2.4	2.32
843	11/4/2007 06:46	11.87	49.047	31.96	8.24	7.74	2.5	2.40
844	11/4/2007 07:01	11.76	49.242	32.09	8.23	7.73	2.5	2.47
845	11/4/2007 07:16	11.67	49.307	32.14	8.24	7.73	2.8	2.55
846	11/4/2007 07:31	11.54	49.417	32.21	8.25	7.73	3.5	2.62
847	11/4/2007 07:46	11.38	49.534	32.29	8.3	7.73	3.9	2.69
848	11/4/2007 08:01	11.29	49.591	32.32	8.32	7.72	3.6	2.76
849	11/4/2007 08:16	11.15	49.766	32.44	8.37	7.72	3.2	2.82
850	11/4/2007 08:31	11.09	49.838	32.49	8.37	7.72	3.5	2.88
851	11/4/2007 08:46	11	49.938	32.56	8.4	7.72	3.3	2.94
852	11/4/2007 09:01	10.92	50.012	32.61	8.41	7.72	2.8	2.98
853	11/4/2007 09:16	10.88	50.075	32.65	8.34	7.72	2.1	3.00
854	11/4/2007 09:31	10.91	50.055	32.64	8.3	7.72	1.3	3.02
855	11/4/2007 09:46	10.9	50.041	32.63	8.33	7.72	2.9	3.01
856	11/4/2007 10:01	10.86	50.141	32.7	8.34	7.72	2.5	2.99
857	11/4/2007 10:16	10.89	50.11	32.68	8.34	7.72	1.8	2.96
858	11/4/2007 10:31	11.1	49.874	32.52	8.31	7.72	1.8	2.90
859	11/4/2007 10:46	11.2	49.724	32.41	8.31	7.72	1.9	2.82
860	11/4/2007 11:01	11.38	49.508	32.27	8.32	7.73	1.6	2.76
861	11/4/2007 11:16	11.48	49.448	32.23	8.35	7.74	1.9	2.67
862	11/4/2007 11:31	11.57	49.381	32.19	8.37	7.75	2.6	2.59
863	11/4/2007 11:46	11.64	49.277	32.11	8.45	7.75	1.9	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
864	11/4/2007 12:01	11.72	49.196	32.06	8.44	7.75	1.8	2.43
865	11/4/2007 12:16	11.82	49.135	32.02	8.45	7.76	1.3	2.35
866	11/4/2007 12:31	12.03	49.063	31.98	8.57	7.78	1.0	2.27
867	11/4/2007 12:46	12.16	49.148	32.04	8.63	7.78	0.7	2.19
868	11/4/2007 13:01	12.23	49.077	32	8.76	7.79	1.4	2.11
869	11/4/2007 13:16	12.36	49.098	32.02	8.79	7.79	0.7	2.03
870	11/4/2007 13:31	12.49	48.922	31.9	8.96	7.81	0.8	1.94
871	11/4/2007 13:46	12.63	48.893	31.88	9.02	7.82	1.0	1.88
872	11/4/2007 14:01	12.74	48.869	31.87	9.3	7.84	0.8	1.80
873	11/4/2007 14:16	12.88	48.808	31.83	9.4	7.86	0.8	1.71
874	11/4/2007 14:31	12.98	48.78	31.81	9.44	7.87	0.8	1.67
875	11/4/2007 14:46	12.97	48.691	31.75	9.49	7.87	0.7	1.64
876	11/4/2007 15:01	12.97	48.617	31.69	9.56	7.89	0.4	1.59
877	11/4/2007 15:16	13.02	48.585	31.67	9.74	7.9	0.1	1.58
878	11/4/2007 15:31	13.08	48.477	31.6	9.59	7.9	0.0	1.60
879	11/4/2007 15:46	12.95	48.533	31.63	9.71	7.9	0.5	1.60
880	11/4/2007 16:01	12.92	48.557	31.65	9.6	7.89	0.6	1.63
881	11/4/2007 16:16	12.83	48.552	31.64	9.53	7.88	0.7	1.66
882	11/4/2007 16:31	12.76	48.559	31.64	9.48	7.87	0.8	1.74
883	11/4/2007 16:46	12.74	48.605	31.68	9.37	7.86	0.8	1.80
884	11/4/2007 17:01	12.7	48.495	31.59	9.16	7.84	1.1	1.84
885	11/4/2007 17:16	12.69	48.439	31.55	9.09	7.84		1.91
886	11/4/2007 17:31	12.67	48.483	31.58	9.07	7.83		1.98
887	11/4/2007 17:46	12.63	48.575	31.65	8.98	7.82		2.03
888	11/4/2007 18:01	12.56	48.69	31.73	8.94	7.81		2.09
889	11/4/2007 18:16	12.4	48.84	31.83	8.8	7.79		2.16
890	11/4/2007 18:31	12.36	48.848	31.84	8.75	7.79		2.21
891	11/4/2007 18:46	12.22	48.974	31.92	8.66	7.78		2.28
892	11/4/2007 19:01	12.09	49.091	32	8.56	7.77		2.34
893	11/4/2007 19:16	12.02	49.108	32.01	8.5	7.76		2.39
894	11/4/2007 19:31	11.94	49.198	32.07	8.45	7.76		2.45
895	11/4/2007 19:46	11.85	49.244	32.1	8.44	7.75		2.51
896	11/4/2007 20:01	11.78	49.258	32.11	8.44	7.75		2.55
897	11/4/2007 20:16	11.72	49.355	32.17	8.42	7.75		2.61
898	11/4/2007 20:31	11.65	49.451	32.24	8.42	7.75		2.64
899	11/4/2007 20:46	11.6	49.487	32.26	8.41	7.74		2.69
900	11/4/2007 21:01	11.56	49.503	32.27	8.37	7.74		2.72
901	11/4/2007 21:16	11.53	49.591	32.34	8.3	7.73		2.74
902	11/4/2007 21:31	11.51	49.616	32.35	8.05	7.72		2.75
903	11/4/2007 21:46	11.51	49.652	32.38	8.28	7.73		2.74
904	11/4/2007 22:01	11.49	49.657	32.38	8.28	7.73		2.72
905	11/4/2007 22:16	11.5	49.645	32.37	8.3	7.73		2.69
906	11/4/2007 22:31	11.55	49.595	32.34	8.3	7.74		2.64
907	11/4/2007 22:46	11.7	49.431	32.23	8.29	7.74		2.57
908	11/4/2007 23:01	11.83	49.32	32.15	8.3	7.75		2.51
909	11/4/2007 23:16	11.92	49.214	32.08	8.29	7.75		2.44
910	11/4/2007 23:31	11.99	49.132	32.03	8.35	7.76		2.35
911	11/4/2007 23:46	12.06	49.067	31.98	8.36	7.76		2.27

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
912	11/5/2007 00:01	12.09	49.018	31.95	8.3	7.76		2.20
913	11/5/2007 00:16	12.11	48.964	31.91	8.29	7.76		2.11
914	11/5/2007 00:31	12.08	48.943	31.89	8.26	7.75		2.04
915	11/5/2007 00:46	12.03	48.989	31.92	8.31	7.76		1.96
916	11/5/2007 01:01	12.14	48.885	31.85	8.48	7.78		1.88
917	11/5/2007 01:16	12.14	48.854	31.83	8.54	7.78		1.79
918	11/5/2007 01:31	12.27	48.755	31.77	8.79	7.82		1.71
919	11/5/2007 01:46	12.32	48.701	31.73	8.96	7.84		1.64
920	11/5/2007 02:01	12.39	48.652	31.7	9.15	7.86		1.57
921	11/5/2007 02:16	12.42	48.607	31.66	9.27	7.87		1.53
922	11/5/2007 02:31	12.5	48.533	31.61	9.42	7.89		1.48
923	11/5/2007 02:46	12.54	48.491	31.59	9.5	7.9		1.43
924	11/5/2007 03:01	12.57	48.406	31.52	9.55	7.91		1.43
925	11/5/2007 03:16	12.57	48.437	31.55	9.34	7.9		1.42
926	11/5/2007 03:31	12.51	48.441	31.55	9.52	7.91		1.43
927	11/5/2007 03:46	12.5	48.438	31.55	9.54	7.9		1.46
928	11/5/2007 04:01	12.46	48.482	31.58	9.45	7.89		1.49
929	11/5/2007 04:16	12.43	48.518	31.6	9.36	7.88		1.56
930	11/5/2007 04:31	12.41	48.555	31.63	9.26	7.87		1.62
931	11/5/2007 04:46	12.31	48.494	31.58	8.99	7.84		1.68
932	11/5/2007 05:01	12.26	48.39	31.5	8.81	7.82		1.77
933	11/5/2007 05:16	12.23	48.367	31.48	8.73	7.82		1.84
934	11/5/2007 05:31	12.24	48.493	31.57	8.65	7.8		1.90
935	11/5/2007 05:46	12.23	48.632	31.67	8.6	7.8		1.98
936	11/5/2007 06:01	12.12	48.775	31.77	8.48	7.78		2.06
937	11/5/2007 06:16	12.06	48.87	31.84	8.42	7.77		2.13
938	11/5/2007 06:31	12.02	48.94	31.89	8.42	7.76		2.21
939	11/5/2007 06:46	11.98	49.025	31.95	8.43	7.76		2.28
940	11/5/2007 07:01	11.95	49.072	31.98	8.43	7.76		2.36
941	11/5/2007 07:16	11.88	49.155	32.04	8.41	7.76		2.45
942	11/5/2007 07:31	11.76	49.232	32.09	8.38	7.74		2.52
943	11/5/2007 07:46	11.65	49.381	32.19	8.39	7.74		2.60
944	11/5/2007 08:01	11.53	49.493	32.27	8.37	7.73		2.68
945	11/5/2007 08:16	11.3	49.66	32.37	8.38	7.73		2.76
946	11/5/2007 08:31	11.18	49.788	32.46	8.36	7.73		2.83
947	11/5/2007 08:46	11.1	49.845	32.5	8.34	7.72		2.90
948	11/5/2007 09:01	10.94	50.007	32.61	8.32	7.72		2.97
949	11/5/2007 09:16	10.84	50.055	32.63	8.27	7.72		3.03
950	11/5/2007 09:31	10.8	50.105	32.67	8.23	7.72		3.07
951	11/5/2007 09:46	10.77	50.142	32.69	8.19	7.72		3.10
952	11/5/2007 10:01	10.73	50.181	32.72	8.12	7.71		3.13
953	11/5/2007 10:16	10.87	50.074	32.65	8.18	7.72		3.13
954	11/5/2007 10:31	10.73	50.198	32.73	8.15	7.71		3.11
955	11/5/2007 10:46	10.7	50.228	32.75	8.14	7.71		3.08
956	11/5/2007 11:01	11.08	49.85	32.5	8.19	7.72		3.02
957	11/5/2007 11:16	11.2	49.825	32.49	8.24	7.73		2.95
958	11/5/2007 11:31	11.36	49.687	32.4	8.34	7.74		2.88
959	11/5/2007 11:46	11.44	49.657	32.38	8.44	7.74		2.79

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
960	11/5/2007 12:01	11.57	49.508	32.28	8.49	7.76		2.70
961	11/5/2007 12:16	11.63	49.45	32.24	8.55	7.76		2.60
962	11/5/2007 12:31	11.71	49.42	32.22	8.65	7.77		2.51
963	11/5/2007 12:46	11.85	49.348	32.18	8.61	7.78		2.41
964	11/5/2007 13:01	12.03	49.286	32.14	8.73	7.79		2.32
965	11/5/2007 13:16	12.14	49.317	32.17	8.87	7.8		2.23
966	11/5/2007 13:31	12.28	49.298	32.16	8.99	7.81		2.13
967	11/5/2007 13:46	12.37	49.211	32.1	9.05	7.82		2.03
968	11/5/2007 14:01	12.61	49.26	32.15	9.33	7.85		1.94
969	11/5/2007 14:16	12.65	49.179	32.09	9.25	7.85		1.85
970	11/5/2007 14:31	12.78	49.084	32.03	9.45	7.87		1.76
971	11/5/2007 14:46	12.94	49.07	32.02	9.6	7.88		1.67
972	11/5/2007 15:01	13.02	48.973	31.95	9.76	7.9		1.58
973	11/5/2007 15:16	13.05	48.89	31.89	9.93	7.92		1.52
974	11/5/2007 15:31	13.11	48.854	31.87	9.94	7.92		1.47
975	11/5/2007 15:46	13.15	48.752	31.8	10.22	7.95		1.43
976	11/5/2007 16:01	13.18	48.599	31.69	10.46	7.99		1.41
977	11/5/2007 16:16	13.18	48.576	31.67	9.94	7.96		1.41
978	11/5/2007 16:31	13.16	48.538	31.64	10.54	7.99		1.42
979	11/5/2007 16:46	13.09	48.592	31.68	10.46	7.98		1.47
980	11/5/2007 17:01	13.02	48.59	31.68	10.3	7.96		1.50
981	11/5/2007 17:16	12.95	48.608	31.69	10.25	7.95		1.57
982	11/5/2007 17:31	12.9	48.634	31.7	10.16	7.94		1.64
983	11/5/2007 17:46	12.87	48.422	31.55	9.79	7.91		1.71
984	11/5/2007 18:01	12.85	48.438	31.56	9.66	7.9		1.78
985	11/5/2007 18:16	12.78	48.552	31.64	9.57	7.89		1.85
986	11/5/2007 18:31	12.71	48.656	31.71	9.53	7.88		1.93
987	11/5/2007 18:46	12.61	48.813	31.82	9.34	7.86		1.99
988	11/5/2007 19:01	12.54	48.915	31.89	9.24	7.84		2.05
989	11/5/2007 19:16	12.43	48.999	31.95	9.07	7.82		2.13
990	11/5/2007 19:31	12.31	49.065	31.99	8.88	7.8		2.19
991	11/5/2007 19:46	12.25	49.109	32.02	8.8	7.79		2.26
992	11/5/2007 20:01	12.19	49.148	32.05	8.75	7.79		2.32
993	11/5/2007 20:16	12.16	49.15	32.05	8.71	7.79		2.38
994	11/5/2007 20:31	12.06	49.234	32.1	8.67	7.78		2.45
995	11/5/2007 20:46	11.97	49.318	32.16	8.63	7.77		2.50
996	11/5/2007 21:01	11.87	49.419	32.23	8.59	7.77		2.56
997	11/5/2007 21:16	11.8	49.473	32.26	8.55	7.76		2.61
998	11/5/2007 21:31	11.74	49.537	32.31	8.53	7.76		2.66
999	11/5/2007 21:46	11.67	49.602	32.35	8.51	7.76		2.70
1000	11/5/2007 22:01	11.62	49.611	32.36	8.46	7.75		2.74
1001	11/5/2007 22:16	11.58	49.611	32.35	8.43	7.75		2.76
1002	11/5/2007 22:31	11.55	49.664	32.39	8.31	7.74		2.78
1003	11/5/2007 22:46	11.65	49.595	32.35	8.4	7.75		2.77
1004	11/5/2007 23:01	11.53	49.713	32.42	8.36	7.74		2.76
1005	11/5/2007 23:16	11.57	49.675	32.4	8.4	7.74		2.73
1006	11/5/2007 23:31	11.62	49.616	32.36	8.41	7.75		2.67
1007	11/5/2007 23:46	11.78	49.445	32.24	8.42	7.75		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
1008	11/6/2007 00:01	11.83	49.382	32.2	8.44	7.76		2.54
1009	11/6/2007 00:16	11.86	49.339	32.17	8.45	7.76		2.47
1010	11/6/2007 00:31	11.95	49.255	32.11	8.51	7.77		2.37
1011	11/6/2007 00:46	11.97	49.181	32.06	8.5	7.77		2.29
1012	11/6/2007 01:01	12.05	49.072	31.98	8.52	7.77		2.22
1013	11/6/2007 01:16	12.07	49.083	31.99	8.48	7.77		2.13
1014	11/6/2007 01:31	12.02	49.084	31.99	8.49	7.77		2.06
1015	11/6/2007 01:46	11.99	49.08	31.99	8.55	7.78		1.98
1016	11/6/2007 02:01	12.07	48.996	31.93	8.66	7.79		1.89
1017	11/6/2007 02:16	12.09	48.977	31.92	8.79	7.8		1.83
1018	11/6/2007 02:31	12.16	48.855	31.83	8.93	7.83		1.75
1019	11/6/2007 02:46	12.2	48.832	31.82	9.07	7.84		1.69
1020	11/6/2007 03:01	12.29	48.735	31.75	9.25	7.87		1.64
1021	11/6/2007 03:16	12.39	48.653	31.7	9.41	7.89		1.60
1022	11/6/2007 03:31	12.37	48.674	31.71	9.45	7.89		1.57
1023	11/6/2007 03:46	12.39	48.614	31.67	9.44	7.9		1.54
1024	11/6/2007 04:01	12.4	48.619	31.67	9.28	7.89		1.55
1025	11/6/2007 04:16	12.33	48.61	31.66	9.41	7.89		1.56
1026	11/6/2007 04:31	12.33	48.651	31.69	9.44	7.89		1.60
1027	11/6/2007 04:46	12.31	48.654	31.69	9.36	7.88		1.63
1028	11/6/2007 05:01	12.3	48.665	31.7	9.3	7.87		1.69
1029	11/6/2007 05:16	12.27	48.709	31.73	9.18	7.85		1.77
1030	11/6/2007 05:31	12.17	48.631	31.67	8.97	7.83		1.83
1031	11/6/2007 05:46	12.12	48.537	31.6	8.87	7.83		1.91
1032	11/6/2007 06:01	12.05	48.597	31.64	8.77	7.81		1.98
1033	11/6/2007 06:16	12.09	48.783	31.78	8.75	7.8		2.05
1034	11/6/2007 06:31	12.04	48.895	31.86	8.67	7.79		2.13
1035	11/6/2007 06:46	12	48.992	31.92	8.59	7.78		2.20
1036	11/6/2007 07:01	11.95	49.067	31.98	8.58	7.77		2.27
1037	11/6/2007 07:16	11.91	49.149	32.03	8.58	7.77		2.35
1038	11/6/2007 07:31	11.9	49.188	32.06	8.58	7.77		2.43
1039	11/6/2007 07:46	11.83	49.263	32.11	8.55	7.76		2.51
1040	11/6/2007 08:01	11.71	49.393	32.2	8.49	7.75		2.59
1041	11/6/2007 08:16	11.56	49.49	32.26	8.44	7.75		2.68
1042	11/6/2007 08:31	11.44	49.588	32.33	8.39	7.74		2.75
1043	11/6/2007 08:46	11.2	49.797	32.47	8.37	7.73		2.84
1044	11/6/2007 09:01	11.05	49.923	32.55	8.35	7.72		2.91
1045	11/6/2007 09:16	10.92	49.946	32.56	8.33	7.73		2.99
1046	11/6/2007 09:31	10.82	50.114	32.68	8.31	7.72		3.06
1047	11/6/2007 09:46	10.75	50.171	32.71	8.28	7.72		3.11
1048	11/6/2007 10:01	10.66	50.21	32.74	8.27	7.72		3.17
1049	11/6/2007 10:16	10.64	50.255	32.77	8.27	7.72		3.20
1050	11/6/2007 10:31	10.63	50.288	32.79	8.17	7.71		3.22
1051	11/6/2007 10:46	10.73	50.191	32.73	8.13	7.71		3.23
1052	11/6/2007 11:01	10.66	50.279	32.79	8.2	7.72		3.21
1053	11/6/2007 11:16	10.62	50.274	32.78	8.22	7.72		3.18
1054	11/6/2007 11:31	10.64	50.29	32.79	8.2	7.72		3.12
1055	11/6/2007 11:46	11.12	49.987	32.6	8.32	7.73		3.06

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
1056	11/6/2007 12:01	11.32	49.852	32.51	8.5	7.74		2.97
1057	11/6/2007 12:16	11.29	49.851	32.51	8.47	7.74		2.88
1058	11/6/2007 12:31	11.44	49.751	32.45	8.55	7.75		2.78
1059	11/6/2007 12:46	11.6	49.549	32.31	8.61	7.76		2.67
1060	11/6/2007 13:01	11.76	49.458	32.25	8.75	7.78		2.58
1061	11/6/2007 13:16	11.85	49.424	32.23	8.8	7.78		2.47
1062	11/6/2007 13:31	12.01	49.342	32.18	8.93	7.8		2.36
1063	11/6/2007 13:46	12.1	49.425	32.24	9.07	7.81		2.26
1064	11/6/2007 14:01	12.16	49.344	32.19	9.11	7.81		2.15
1065	11/6/2007 14:16	12.24	49.395	32.23	9.14	7.81		2.04
1066	11/6/2007 14:31	12.41	49.296	32.16	9.32	7.83		1.93
1067	11/6/2007 14:46	12.53	49.237	32.13	9.56	7.85		1.82
1068	11/6/2007 15:01	12.64	49.109	32.04	9.62	7.86		1.72
1069	11/6/2007 15:16	12.7	49.035	31.99	9.79	7.88		1.61
1070	11/6/2007 15:31	12.8	49.031	31.99	10.01	7.91		1.49
1071	11/6/2007 15:46	12.82	48.982	31.95	10.03	7.91		1.43
1072	11/6/2007 16:01	12.87	48.871	31.87	10.18	7.94		1.36
1073	11/6/2007 16:16	12.9	48.834	31.85	10.36	7.96		1.29
1074	11/6/2007 16:31	12.95	48.785	31.81	10.48	7.98		1.27
1075	11/6/2007 16:46	12.92	48.715	31.76	10.58	7.99		1.26
1076	11/6/2007 17:01	12.91	48.622	31.69	10.29	7.98		1.26
1077	11/6/2007 17:16	12.89	48.617	31.69	10.94	8.03		1.27
1078	11/6/2007 17:31	12.87	48.582	31.66	11.03	8.03		1.32
1079	11/6/2007 17:46	12.8	48.577	31.66	10.86	8.02		1.38
1080	11/6/2007 18:01	12.77	48.598	31.67	10.78	8.02		1.44
1081	11/6/2007 18:16	12.7	48.495	31.59	10.34	7.98		1.53
1082	11/6/2007 18:31	12.65	48.364	31.5	9.97	7.95		1.60
1083	11/6/2007 18:46	12.63	48.296	31.45	9.79	7.94		1.68
1084	11/6/2007 19:01	12.63	48.551	31.63	9.88	7.94		1.76
1085	11/6/2007 19:16	12.62	48.693	31.73	9.88	7.94		1.83
1086	11/6/2007 19:31	12.58	48.772	31.79	9.75	7.92		1.90
1087	11/6/2007 19:46	12.54	48.83	31.83	9.67	7.91		1.98
1088	11/6/2007 20:01	12.44	48.885	31.87	9.43	7.88		2.06
1089	11/6/2007 20:16	12.37	48.958	31.92	9.23	7.86		2.13
1090	11/6/2007 20:31	12.35	48.986	31.94	9.12	7.85		2.20
1091	11/6/2007 20:46	12.29	49.089	32.01	9.02	7.84		2.28
1092	11/6/2007 21:01	12.2	49.164	32.06	8.94	7.83		2.35
1093	11/6/2007 21:16	12.12	49.213	32.09	8.88	7.83		2.42
1094	11/6/2007 21:31	12.01	49.317	32.16	8.83	7.82		2.48
1095	11/6/2007 21:46	11.94	49.349	32.18	8.8	7.81		2.55
1096	11/6/2007 22:01	11.86	49.431	32.24	8.76	7.8		2.61
1097	11/6/2007 22:16	11.73	49.509	32.29	8.7	7.79		2.67
1098	11/6/2007 22:31	11.65	49.599	32.35	8.65	7.78		2.72
1099	11/6/2007 22:46	11.59	49.639	32.37	8.62	7.78		2.76
1100	11/6/2007 23:01	11.54	49.669	32.39	8.59	7.77		2.79
1101	11/6/2007 23:16	11.52	49.716	32.43	8.51	7.77		2.82
1102	11/6/2007 23:31	11.6	49.643	32.38	8.43	7.77		2.82
1103	11/6/2007 23:46	11.49	49.742	32.44	8.44	7.76		2.81

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
1104	11/7/2007 00:01	11.51	49.718	32.43	8.49	7.76		2.79
1105	11/7/2007 00:16	11.56	49.685	32.41	8.5	7.76		2.74
1106	11/7/2007 00:31	11.74	49.47	32.26	8.55	7.77		2.67
1107	11/7/2007 00:46	11.85	49.37	32.19	8.57	7.78		2.62
1108	11/7/2007 01:01	11.86	49.363	32.19	8.58	7.78		2.54
1109	11/7/2007 01:16	11.91	49.351	32.18	8.63	7.78		2.45
1110	11/7/2007 01:31	12	49.25	32.11	8.69	7.79		2.37
1111	11/7/2007 01:46	12.06	49.167	32.05	8.67	7.79		2.30
1112	11/7/2007 02:01	12.11	49.166	32.06	8.69	7.79		2.22
1113	11/7/2007 02:16	12.1	49.16	32.05	8.56	7.78		2.13
1114	11/7/2007 02:31	12.06	49.159	32.05	8.57	7.78		2.07
1115	11/7/2007 02:46	12.16	49.073	31.99	8.69	7.8		2.00
1116	11/7/2007 03:01	12.16	49.021	31.95	8.79	7.81		1.92
1117	11/7/2007 03:16	12.24	48.95	31.91	8.87	7.83		1.86
1118	11/7/2007 03:31	12.32	48.875	31.85	8.98	7.85		1.80
1119	11/7/2007 03:46	12.36	48.846	31.83	9.09	7.86		1.75
1120	11/7/2007 04:01	12.4	48.796	31.8	9.2	7.88		1.70
1121	11/7/2007 04:16	12.44	48.764	31.78	9.31	7.89		1.69
1122	11/7/2007 04:31	12.47	48.734	31.76	9.27	7.9		1.68
1123	11/7/2007 04:46	12.44	48.739	31.76	9.16	7.89		1.68
1124	11/7/2007 05:01	12.43	48.723	31.75	9.35	7.89		1.72
1125	11/7/2007 05:16	12.4	48.773	31.78	9.26	7.87		1.75
1126	11/7/2007 05:31	12.39	48.792	31.8	9.2	7.87		1.80
1127	11/7/2007 05:46	12.38	48.821	31.82	9.14	7.86		1.87
1128	11/7/2007 06:01	12.27	48.782	31.78	9	7.85		1.93
1129	11/7/2007 06:16	12.24	48.708	31.73	8.91	7.84		2.00
1130	11/7/2007 06:31	12.2	48.761	31.77	8.87	7.83		2.07
1131	11/7/2007 06:46	12.19	48.919	31.88	8.83	7.82		2.14
1132	11/7/2007 07:01	12.13	49.014	31.95	8.76	7.81		2.20
1133	11/7/2007 07:16	12.06	49.136	32.03	8.72	7.81		2.28
1134	11/7/2007 07:31	11.98	49.232	32.1	8.71	7.8		2.36
1135	11/7/2007 07:46	11.94	49.273	32.13	8.7	7.8		2.43
1136	11/7/2007 08:01	11.89	49.319	32.16	8.67	7.8		2.51
1137	11/7/2007 08:16	11.81	49.423	32.23	8.65	7.8		2.59
1138	11/7/2007 08:31	11.69	49.441	32.23	8.6	7.78		2.67
1139	11/7/2007 08:46	11.55	49.617	32.36	8.55	7.77		2.76
1140	11/7/2007 09:01	11.43	49.737	32.44	8.52	7.76		2.84
1141	11/7/2007 09:16	11.25	49.842	32.5	8.48	7.76		2.93
1142	11/7/2007 09:31	11.09	49.972	32.59	8.46	7.75		3.01
1143	11/7/2007 09:46	10.98	50.065	32.65	8.47	7.75		3.08
1144	11/7/2007 10:01	10.9	50.12	32.68	8.46	7.76		3.14
1145	11/7/2007 10:16	10.82	50.174	32.72	8.45	7.76		3.20
1146	11/7/2007 10:31	10.77	50.207	32.74	8.45	7.76		3.24
1147	11/7/2007 10:46	10.8	50.148	32.7	8.42	7.76		3.28
1148	11/7/2007 11:01	10.87	50.141	32.7	8.35	7.76		3.29
1149	11/7/2007 11:16	10.89	50.074	32.65	8.36	7.75		3.29
1150	11/7/2007 11:31	10.79	50.233	32.76	8.4	7.76		3.27
1151	11/7/2007 11:46	10.79	50.245	32.77	8.4	7.76		3.22

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
1152	11/7/2007 12:01	10.84	50.206	32.74	8.36	7.75		3.15
1153	11/7/2007 12:16	11.5	49.789	32.48	8.66	7.77		3.08
1154	11/7/2007 12:31	11.33	49.882	32.54	8.59	7.76		2.98
1155	11/7/2007 12:46	11.52	49.752	32.45	8.68	7.77		2.87
1156	11/7/2007 13:01	11.56	49.691	32.41	8.71	7.77		2.77
1157	11/7/2007 13:16	11.64	49.674	32.4	8.73	7.78		2.67
1158	11/7/2007 13:31	11.77	49.585	32.34	8.77	7.78		2.56
1159	11/7/2007 13:46	11.95	49.453	32.26	8.96	7.8		2.45
1160	11/7/2007 14:01	12.07	49.451	32.26	9.12	7.81		2.33
1161	11/7/2007 14:16	12.09	49.477	32.28	9.18	7.81		2.23
1162	11/7/2007 14:31	12.23	49.443	32.26	9.32	7.83		2.11
1163	11/7/2007 14:46	12.35	49.482	32.3	9.44	7.84		1.99
1164	11/7/2007 15:01	12.49	49.407	32.25	9.5	7.84		1.88
1165	11/7/2007 15:16	12.64	49.294	32.17	9.65	7.86		1.75
1166	11/7/2007 15:31	12.73	49.269	32.16	9.8	7.88		1.65
1167	11/7/2007 15:46	12.75	49.176	32.09	10.01	7.9		1.52
1168	11/7/2007 16:01	12.81	49.075	32.02	10.22	7.92		1.39
1169	11/7/2007 16:16	12.85	49.053	32.01	10.25	7.93		1.31
1170	11/7/2007 16:31	12.91	48.973	31.95	10.35	7.94		1.23
1171	11/7/2007 16:46	12.93	48.887	31.89	10.49	7.96		1.15
1172	11/7/2007 17:01	13	48.778	31.81	10.81	7.99		1.09
1173	11/7/2007 17:16	13.04	48.695	31.75	10.8	8		1.10
1174	11/7/2007 17:31	13.02	48.736	31.78	10.67	7.99		1.10
1175	11/7/2007 17:46	13.05	48.626	31.7	11.22	8.04		1.10
1176	11/7/2007 18:01	12.98	48.684	31.74	11.15	8.03		1.15
1177	11/7/2007 18:16	12.95	48.715	31.76	10.94	8.01		1.23
1178	11/7/2007 18:31	12.92	48.643	31.71	10.95	8.01		1.29
1179	11/7/2007 18:46	12.87	48.562	31.65	10.63	7.98		1.35
1180	11/7/2007 19:01	12.84	48.388	31.52	10.13	7.95		1.43
1181	11/7/2007 19:16	12.83	48.317	31.47	9.99	7.94		1.51
1182	11/7/2007 19:31	12.84	48.391	31.52	9.98	7.93		1.58
1183	11/7/2007 19:46	12.8	48.582	31.66	10.07	7.93		1.65
1184	11/7/2007 20:01	12.76	48.736	31.77	10.02	7.92		1.74
1185	11/7/2007 20:16	12.71	48.788	31.81	9.89	7.9		1.83
1186	11/7/2007 20:31	12.67	48.857	31.86	9.83	7.89		1.91
1187	11/7/2007 20:46	12.53	48.948	31.92	9.47	7.85		1.99
1188	11/7/2007 21:01	12.48	49.038	31.98	9.33	7.84		2.09
1189	11/7/2007 21:16	12.44	49.097	32.02	9.24	7.82		2.16
1190	11/7/2007 21:31	12.37	49.135	32.04	9.17	7.82		2.25
1191	11/7/2007 21:46	12.28	49.177	32.07	9.11	7.81		2.32
1192	11/7/2007 22:01	12.22	49.224	32.1	9.06	7.8		2.39
1193	11/7/2007 22:16	12.14	49.306	32.16	9.01	7.8		2.46
1194	11/7/2007 22:31	12.05	49.329	32.17	8.98	7.79		2.53
1195	11/7/2007 22:46	11.93	49.45	32.25	8.93	7.79		2.59
1196	11/7/2007 23:01	11.84	49.487	32.28	8.87	7.78		2.65
1197	11/7/2007 23:16	11.73	49.583	32.34	8.83	7.78		2.71
1198	11/7/2007 23:31	11.61	49.638	32.37	8.8	7.78		2.75
1199	11/7/2007 23:46	11.55	49.703	32.42	8.74	7.77		2.79

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
1200	11/8/2007 00:01	11.5	49.767	32.46	8.67	7.77		2.82
1201	11/8/2007 00:16	11.54	49.739	32.44	8.44	7.77		2.84
1202	11/8/2007 00:31	11.46	49.822	32.5	8.59	7.77		2.84
1203	11/8/2007 00:46	11.44	49.775	32.46	8.63	7.77		2.81
1204	11/8/2007 01:01	11.49	49.819	32.5	8.63	7.77		2.77
1205	11/8/2007 01:16	11.73	49.552	32.32	8.65	7.77		2.72
1206	11/8/2007 01:31	11.93	49.397	32.21	8.71	7.78		2.63
1207	11/8/2007 01:46	11.91	49.378	32.2	8.73	7.78		2.56
1208	11/8/2007 02:01	11.99	49.305	32.15	8.74	7.79		2.49
1209	11/8/2007 02:16	12.04	49.249	32.11	8.82	7.8		2.40
1210	11/8/2007 02:31	12.06	49.193	32.07	8.81	7.8		2.32
1211	11/8/2007 02:46	12.06	49.26	32.12	8.73	7.79		2.24
1212	11/8/2007 03:01	12.2	49.159	32.05	8.75	7.8		2.19
1213	11/8/2007 03:16	12.13	49.233	32.11	8.71	7.79		2.11
1214	11/8/2007 03:31	12.11	49.246	32.11	8.66	7.78		2.05
1215	11/8/2007 03:46	12.17	49.123	32.03	8.8	7.8		1.98
1216	11/8/2007 04:01	12.24	49.091	32.01	8.91	7.81		1.93
1217	11/8/2007 04:16	12.28	49.019	31.96	8.98	7.83		1.88
1218	11/8/2007 04:31	12.34	48.941	31.9	9.02	7.84		1.83
1219	11/8/2007 04:46	12.38	48.915	31.89	9.11	7.85		1.81
1220	11/8/2007 05:01	12.43	48.856	31.84	9.08	7.86		1.78
1221	11/8/2007 05:16	12.43	48.831	31.83	8.63	7.83		1.78
1222	11/8/2007 05:31	12.42	48.858	31.85	9.09	7.86		1.80
1223	11/8/2007 05:46	12.39	48.892	31.87	9.1	7.85		1.84
1224	11/8/2007 06:01	12.36	48.894	31.87	9.08	7.84		1.88
1225	11/8/2007 06:16	12.35	48.906	31.88	9.05	7.83		1.94
1226	11/8/2007 06:31	12.27	48.927	31.89	8.96	7.82		2.00
1227	11/8/2007 06:46	12.25	48.838	31.82	8.88	7.82		2.08
1228	11/8/2007 07:01	12.21	48.851	31.83	8.87	7.81		2.15
1229	11/8/2007 07:16	12.19	49.052	31.98	8.85	7.8		2.21
1230	11/8/2007 07:31	12.12	49.187	32.07	8.82	7.8		2.29
1231	11/8/2007 07:46	12.03	49.186	32.07	8.79	7.79		2.36
1232	11/8/2007 08:01	11.97	49.303	32.15	8.8	7.79		2.43
1233	11/8/2007 08:16	11.91	49.359	32.19	8.8	7.79		2.51
1234	11/8/2007 08:31	11.87	49.448	32.25	8.79	7.78		2.59
1235	11/8/2007 08:46	11.8	49.49	32.28	8.77	7.78		2.68
1236	11/8/2007 09:01	11.61	49.625	32.36	8.72	7.78		2.76
1237	11/8/2007 09:16	11.49	49.689	32.41	8.69	7.77		2.85
1238	11/8/2007 09:31	11.4	49.797	32.48	8.66	7.77		2.93
1239	11/8/2007 09:46	11.25	49.855	32.51	8.62	7.77		3.02
1240	11/8/2007 10:01	11.13	50.014	32.62	8.58	7.78		3.09
1241	11/8/2007 10:16	11.02	50.089	32.67	8.56	7.78		3.16
1242	11/8/2007 10:31	10.93	50.13	32.69	8.51	7.78		3.23
1243	11/8/2007 10:46	10.91	50.188	32.73	8.46	7.78		3.28
1244	11/8/2007 11:01	10.88	50.111	32.68	8.43	7.78		3.33
1245	11/8/2007 11:16	10.87	50.134	32.69	8.38	7.78		3.36
1246	11/8/2007 11:31	10.95	50.086	32.66	8.22	7.77		3.37
1247	11/8/2007 11:46	11.01	50.049	32.64	8.38	7.77		3.37

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
1248	11/8/2007 12:01	10.88	50.11	32.68	8.38	7.78		3.33
1249	11/8/2007 12:16	10.89	50.138	32.7	8.37	7.78		3.29
1250	11/8/2007 12:31	10.96	50.125	32.69	8.37	7.78		3.22
1251	11/8/2007 12:46	11.41	49.846	32.51	8.74	7.79		3.13
1252	11/8/2007 13:01	11.4	49.831	32.5	8.7	7.79		3.03
1253	11/8/2007 13:16	11.5	49.767	32.46	8.72	7.79		2.91
1254	11/8/2007 13:31	11.55	49.702	32.42	8.66	7.79		2.81
1255	11/8/2007 13:46	11.61	49.702	32.42	8.66	7.79		2.69
1256	11/8/2007 14:01	11.71	49.581	32.34	8.71	7.79		2.58
1257	11/8/2007 14:16	11.81	49.554	32.32	8.79	7.79		2.46
1258	11/8/2007 14:31	11.92	49.54	32.32	8.92	7.8		2.35
1259	11/8/2007 14:46	11.9	49.616	32.37	9.04	7.81		2.23
1260	11/8/2007 15:01	11.92	49.611	32.37	9.14	7.82		2.10
1261	11/8/2007 15:16	12.08	49.406	32.23	9.22	7.83		1.98
1262	11/8/2007 15:31	12.17	49.358	32.2	9.3	7.84		1.86
1263	11/8/2007 15:46	12.22	49.396	32.23	9.37	7.84		1.74
1264	11/8/2007 16:01	12.31	49.248	32.12	9.44	7.86		1.62
1265	11/8/2007 16:16	12.34	49.287	32.15	9.6	7.87		1.49
1266	11/8/2007 16:31	12.4	49.138	32.05	9.62	7.88		1.37
1267	11/8/2007 16:46	12.46	49.138	32.05	9.67	7.89		1.26
1268	11/8/2007 17:01	12.49	49.062	32	9.67	7.89		1.18
1269	11/8/2007 17:16	12.5	49.062	32	9.66	7.89		1.09
1270	11/8/2007 17:31	12.56	48.957	31.92	9.72	7.91		1.02
1271	11/8/2007 17:46	12.61	48.866	31.86	9.83	7.92		1.00
1272	11/8/2007 18:01	12.66	48.778	31.8	9.94	7.95		1.00
1273	11/8/2007 18:16	12.59	48.885	31.87	9.75	7.92		1.01
1274	11/8/2007 18:31	12.64	48.776	31.8	9.94	7.95		1.04
1275	11/8/2007 18:46	12.6	48.813	31.82	9.9	7.93		1.12
1276	11/8/2007 19:01	12.6	48.773	31.79	9.83	7.94		1.18
1277	11/8/2007 19:16	12.58	48.788	31.8	9.81	7.93		1.25
1278	11/8/2007 19:31	12.48	48.464	31.56	9.42	7.9		1.34
1279	11/8/2007 19:46	12.46	48.393	31.51	9.32	7.89		1.42
1280	11/8/2007 20:01	12.44	48.401	31.52	9.24	7.88		1.50
1281	11/8/2007 20:16	12.42	48.545	31.62	9.26	7.87		1.58
1282	11/8/2007 20:31	12.43	48.702	31.73	9.34	7.87		1.67
1283	11/8/2007 20:46	12.41	48.815	31.81	9.33	7.87		1.75
1284	11/8/2007 21:01	12.38	48.872	31.85	9.29	7.86		1.84
1285	11/8/2007 21:16	12.31	48.992	31.94	9.15	7.84		1.93
1286	11/8/2007 21:31	12.26	49.077	32	9.07	7.83		2.01
1287	11/8/2007 21:46	12.24	49.09	32.01	9.03	7.82		2.11
1288	11/8/2007 22:01	12.19	49.175	32.07	8.98	7.81		2.19
1289	11/8/2007 22:16	12.12	49.242	32.11	8.93	7.81		2.27
1290	11/8/2007 22:31	12.04	49.245	32.11	8.9	7.8		2.35
1291	11/8/2007 22:46	11.99	49.348	32.18	8.87	7.8		2.43
1292	11/8/2007 23:01	11.91	49.352	32.18	8.85	7.8		2.51
1293	11/8/2007 23:16	11.8	49.466	32.26	8.81	7.79		2.58
1294	11/8/2007 23:31	11.7	49.528	32.3	8.77	7.79		2.64
1295	11/8/2007 23:46	11.59	49.629	32.37	8.73	7.79		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
1296	11/9/2007 00:01	11.45	49.742	32.44	8.69	7.79		2.76
1297	11/9/2007 00:16	11.38	49.788	32.47	8.66	7.79		2.81
1298	11/9/2007 00:31	11.36	49.802	32.48	8.61	7.79		2.85
1299	11/9/2007 00:46	11.32	49.852	32.51	8.55	7.78		2.88
1300	11/9/2007 01:01	11.41	49.707	32.41	8.4	7.78		2.89
1301	11/9/2007 01:16	11.38	49.838	32.51	8.48	7.78		2.88
1302	11/9/2007 01:31	11.3	49.871	32.53	8.52	7.78		2.85
1303	11/9/2007 01:46	11.33	49.811	32.48	8.52	7.78		2.81
1304	11/9/2007 02:01	11.54	49.637	32.37	8.53	7.78		2.75
1305	11/9/2007 02:16	11.61	49.583	32.33	8.55	7.78		2.69
1306	11/9/2007 02:31	11.63	49.561	32.32	8.56	7.78		2.61
1307	11/9/2007 02:46	11.73	49.476	32.26	8.55	7.78		2.54
1308	11/9/2007 03:01	11.84	49.371	32.19	8.54	7.78		2.46
1309	11/9/2007 03:16	11.82	49.391	32.21	8.51	7.78		2.38
1310	11/9/2007 03:31	11.9	49.317	32.16	8.55	7.79		2.32
1311	11/9/2007 03:46	11.96	49.277	32.13	8.52	7.78		2.24
1312	11/9/2007 04:01	12.03	49.238	32.1	8.54	7.79		2.19
1313	11/9/2007 04:16	11.99	49.281	32.13	8.53	7.78		2.13
1314	11/9/2007 04:31	11.98	49.242	32.11	8.6	7.79		2.07
1315	11/9/2007 04:46	12.04	49.185	32.07	8.58	7.79		2.03
1316	11/9/2007 05:01	12.1	49.105	32.01	8.61	7.8		2.00
1317	11/9/2007 05:16	12.15	49.053	31.98	8.63	7.81		1.97
1318	11/9/2007 05:31	12.16	49.021	31.95	8.59	7.81		1.96
1319	11/9/2007 05:46	12.16	49.034	31.96	8.51	7.81		1.95
1320	11/9/2007 06:01	12.15	49.036	31.96	8.57	7.81		1.97
1321	11/9/2007 06:16	12.12	49.02	31.95	8.62	7.8		2.00
1322	11/9/2007 06:31	12.08	49.09	32	8.58	7.8		2.02
1323	11/9/2007 06:46	12.07	49.107	32.01	8.63	7.8		2.07
1324	11/9/2007 07:01	12.04	49.186	32.07	8.62	7.79		2.12
1325	11/9/2007 07:16	12.01	48.986	31.92	8.57	7.79		2.18
1326	11/9/2007 07:31	11.99	49.105	32.01	8.57	7.79		2.24
1327	11/9/2007 07:46	11.95	49.233	32.1	8.59	7.79		2.31
1328	11/9/2007 08:01	11.91	49.274	32.12	8.58	7.79		2.37
1329	11/9/2007 08:16	11.82	49.374	32.19	8.56	7.78		2.45
1330	11/9/2007 08:31	11.72	49.46	32.25	8.59	7.78		2.52
1331	11/9/2007 08:46	11.63	49.567	32.32	8.61	7.79		2.60
1332	11/9/2007 09:01	11.61	49.577	32.33	8.6	7.78		2.68
1333	11/9/2007 09:16	11.57	49.639	32.37	8.6	7.79		2.76
1334	11/9/2007 09:31	11.47	49.714	32.42	8.6	7.79		2.83
1335	11/9/2007 09:46	11.38	49.774	32.46	8.58	7.79		2.91
1336	11/9/2007 10:01	11.32	49.858	32.52	8.58	7.79		2.99
1337	11/9/2007 10:16	11.24	49.905	32.55	8.57	7.79		3.06
1338	11/9/2007 10:31	11.19	49.925	32.56	8.57	7.79		3.14
1339	11/9/2007 10:46	11.1	49.978	32.59	8.57	7.8		3.19
1340	11/9/2007 11:01	11.07	49.968	32.58	8.58	7.8		3.25
1341	11/9/2007 11:16	11.06	49.987	32.6	8.57	7.8		3.30
1342	11/9/2007 11:31	11.11	49.992	32.6	8.57	7.8		3.32
1343	11/9/2007 11:46	11.11	50.028	32.63	8.45	7.8		3.35

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
	Mean	12.21	48.56	31.62	8.35	7.78	5.4	2.21
	Standard Dev.	0.71	0.98	0.68	0.66	0.07	4.1	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 #1		Indian Island Long-Term Deployment				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	11/9/2007 11:16	11.12	49.871	32.52	8.52	7.92	2.5	3.38	
2	11/9/2007 11:31	11.06	49.92	32.55	8.5	7.93	3.1	3.35	
3	11/9/2007 11:46	11.1	49.853	32.5	8.49	7.94	2.9	3.29	
4	11/9/2007 12:01	11.25	49.91	32.55	8.5	7.94	2.6	3.23	
5	11/9/2007 12:16	11.68	49.837	32.52	8.68	7.95	4.1	3.14	
6	11/9/2007 12:31	11.53	49.831	32.51	8.65	7.95	4.0	3.04	
7	11/9/2007 12:46	11.67	49.599	32.35	8.72	7.95	4.5	2.94	
8	11/9/2007 13:01	11.8	49.78	32.49	8.74	7.95	5.4	2.83	
9	11/9/2007 13:16	11.87	49.157	32.04	8.77	7.96	4.3	2.73	
10	11/9/2007 13:31	12.01	49.483	32.28	8.88	7.96	4.6	2.60	
11	11/9/2007 13:46	12.03	49.735	32.46	8.98	7.97	4.4	2.49	
12	11/9/2007 14:01	12.11	49.688	32.43	9.16	7.98	3.6	2.37	
13	11/9/2007 14:16	12.1	49.727	32.46	9.23	7.99	3.4	2.24	
14	11/9/2007 14:31	12.11	49.535	32.32	9.15	7.98	3.4	2.12	
15	11/9/2007 14:46	12.23	49.659	32.42	9.2	7.99	4.0	1.99	
16	11/9/2007 15:01	12.34	49.422	32.25	9.26	7.99	4.2	1.87	
17	11/9/2007 15:16	12.45	49.499	32.31	9.34	8	4.5	1.75	
18	11/9/2007 15:31	12.53	49.352	32.21	9.47	8.01	5.3	1.62	
19	11/9/2007 15:46	12.59	49.529	32.34	9.61	8.03	5.7	1.50	
20	11/9/2007 16:01	12.69	49.076	32.02	9.77	8.04	5.5	1.37	
21	11/9/2007 16:16	12.76	49.003	31.97	9.81	8.05	6.1	1.24	
22	11/9/2007 16:31	12.8	49.217	32.12	9.82	8.05	4.7	1.16	
23	11/9/2007 16:46	12.85	48.913	31.9	9.92	8.06	5.0	1.06	
24	11/9/2007 17:01	12.89	49.091	32.03	9.98	8.06	5.9	0.99	
25	11/9/2007 17:16	12.95	49.149	32.08	10.05	8.07	6.4	0.97	
26	11/9/2007 17:31	13.07	48.949	31.94	10.27	8.1	4.4	0.94	
27	11/9/2007 17:46	13.1	48.947	31.94	10.06	8.09	2.9	0.96	
28	11/9/2007 18:01	13.04	49.055	32.01	10.22	8.09	3.7	0.99	
29	11/9/2007 18:16	12.99	49	31.97	10.21	8.09	3.7	1.06	
30	11/9/2007 18:31	13	48.826	31.85	10.07	8.08	4.5	1.12	
31	11/9/2007 18:46	12.97	48.88	31.88	10.02	8.07	4.3	1.21	
32	11/9/2007 19:01	13.02	48.594	31.68	9.49	8.03	6.2	1.28	
33	11/9/2007 19:16	13	48.761	31.8	9.48	8.03	5.6	1.37	
34	11/9/2007 19:31	12.98	48.762	31.8	9.44	8.02	5.4	1.45	
35	11/9/2007 19:46	12.92	48.734	31.78	9.43	8.02	5.3	1.54	
36	11/9/2007 20:01	12.86	48.938	31.92	9.53	8.02	5.2	1.60	
37	11/9/2007 20:16	12.8	49.095	32.03	9.53	8.02	4.3	1.70	
38	11/9/2007 20:31	12.76	49.188	32.1	9.49	8.01	4.5	1.80	
39	11/9/2007 20:46	12.66	49.206	32.11	9.28	7.99	4.5	1.87	
40	11/9/2007 21:01	12.62	49.355	32.22	9.16	7.98	4.6	1.96	
41	11/9/2007 21:16	12.63	49.236	32.13	9.13	7.97	5.3	2.06	
42	11/9/2007 21:31	12.62	49.235	32.13	9.09	7.96	5.1	2.15	
43	11/9/2007 21:46	12.52	49.357	32.21	9.01	7.96	5.1	2.23	
44	11/9/2007 22:01	12.45	49.553	32.35	8.97	7.95	5.0	2.32	
45	11/9/2007 22:16	12.37	49.462	32.28	8.95	7.95	5.2	2.38	
46	11/9/2007 22:31	12.3	49.643	32.41	8.92	7.95	4.9	2.45	
47	11/9/2007 22:46	12.21	49.788	32.51	8.87	7.95	5.9	2.53	
48	11/9/2007 23:01	12.08	49.792	32.51	8.84	7.94	5.6	2.60	

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
49	11/9/2007 23:16	11.97	49.826	32.53	8.8	7.94	5.5	2.66
50	11/9/2007 23:31	11.84	49.799	32.5	8.83	7.94	4.9	2.73
51	11/9/2007 23:46	11.78	49.856	32.54	8.81	7.94	4.5	2.79
52	11/10/2007 00:01	11.74	50.129	32.74	8.78	7.94	4.7	2.82
53	11/10/2007 00:16	11.74	50.087	32.71	8.73	7.94	3.2	2.88
54	11/10/2007 00:31	11.74	50.155	32.76	8.63	7.94	2.6	2.90
55	11/10/2007 00:46	11.83	49.906	32.58	8.7	7.93	3.1	2.91
56	11/10/2007 01:01	11.79	49.914	32.58	8.63	7.93	2.6	2.89
57	11/10/2007 01:16	11.76	50.111	32.73	8.61	7.93	2.6	2.87
58	11/10/2007 01:31	11.83	50.019	32.66	8.57	7.93	3.6	2.83
59	11/10/2007 01:46	12.06	49.643	32.4	8.65	7.93	5.1	2.78
60	11/10/2007 02:01	12.05	49.865	32.56	8.67	7.93	5.6	2.71
61	11/10/2007 02:16	11.98	49.664	32.41	8.61	7.92	5.1	2.64
62	11/10/2007 02:31	12.09	49.466	32.27	8.59	7.92	6.1	2.55
63	11/10/2007 02:46	12.16	49.729	32.47	8.5	7.92	5.9	2.49
64	11/10/2007 03:01	12.23	49.677	32.43	8.45	7.92	6.3	2.44
65	11/10/2007 03:16	12.27	49.441	32.26	8.42	7.91	6.0	2.37
66	11/10/2007 03:31	12.28	49.539	32.33	8.38	7.91	6.4	2.30
67	11/10/2007 03:46	12.37	49.5	32.31	8.3	7.9	6.4	2.25
68	11/10/2007 04:01	12.4	49.625	32.4	8.31	7.91	5.7	2.21
69	11/10/2007 04:16	12.45	49.587	32.38	8.41	7.92	5.3	2.16
70	11/10/2007 04:31	12.47	49.439	32.27	8.39	7.92	4.8	2.13
71	11/10/2007 04:46	12.5	49.246	32.13	8.33	7.92	5.5	2.11
72	11/10/2007 05:01	12.55	49.362	32.22	8.39	7.92	4.2	2.09
73	11/10/2007 05:16	12.56	49.217	32.11	8.41	7.93	3.4	2.08
74	11/10/2007 05:31	12.56	49.308	32.18	8.4	7.93	3.9	2.09
75	11/10/2007 05:46	12.54	49.393	32.24	8.42	7.93	4.3	2.11
76	11/10/2007 06:01	12.51	49.346	32.2	8.47	7.92	5.0	2.13
77	11/10/2007 06:16	12.5	49.606	32.39	8.53	7.93	4.8	2.18
78	11/10/2007 06:31	12.48	49.409	32.25	8.55	7.93	5.4	2.21
79	11/10/2007 06:46	12.44	49.45	32.28	8.56	7.93	4.8	2.28
80	11/10/2007 07:01	12.37	49.396	32.23	8.57	7.93	5.1	2.35
81	11/10/2007 07:16	12.3	49.699	32.45	8.56	7.93	4.6	2.41
82	11/10/2007 07:31	12.24	49.473	32.28	8.55	7.92	4.3	2.47
83	11/10/2007 07:46	12.06	49.717	32.45	8.6	7.93	4.4	2.55
84	11/10/2007 08:01	11.99	49.852	32.55	8.62	7.93	4.2	2.62
85	11/10/2007 08:16	11.92	49.922	32.6	8.66	7.93	4.2	2.69
86	11/10/2007 08:31	11.9	49.833	32.53	8.65	7.93	4.2	2.77
87	11/10/2007 08:46	11.88	49.859	32.55	8.65	7.93	4.3	2.85
88	11/10/2007 09:01	11.77	49.902	32.57	8.66	7.93	4.3	2.93
89	11/10/2007 09:16	11.7	50.12	32.73	8.63	7.94	3.9	2.99
90	11/10/2007 09:31	11.64	49.973	32.62	8.65	7.94	3.8	3.08
91	11/10/2007 09:46	11.6	49.816	32.5	8.64	7.94	3.8	3.14
92	11/10/2007 10:01	11.56	50.089	32.7	8.61	7.94	3.8	3.21
93	11/10/2007 10:16	11.55	50.027	32.65	8.6	7.94	3.3	3.26
94	11/10/2007 10:31	11.52	50.089	32.7	8.61	7.94	2.8	3.32
95	11/10/2007 10:46	11.52	50.326	32.87	8.6	7.94	2.6	3.36
96	11/10/2007 11:01	11.54	50.061	32.68	8.55	7.94	2.0	3.39

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
97	11/10/2007 11:16	11.54	50.227	32.8	8.47	7.94	1.6	3.43
98	11/10/2007 11:31	11.67	50.108	32.72	8.58	7.93	2.3	3.43
99	11/10/2007 11:46	11.59	50.165	32.76	8.51	7.94	2.4	3.42
100	11/10/2007 12:01	11.5	50.07	32.68	8.53	7.94	2.8	3.38
101	11/10/2007 12:16	11.55	50.216	32.79	8.5	7.94	2.5	3.33
102	11/10/2007 12:31	11.79	49.945	32.61	8.64	7.94	2.9	3.26
103	11/10/2007 12:46	11.98	50.221	32.82	8.85	7.95	3.2	3.17
104	11/10/2007 13:01	12.02	50.033	32.68	8.87	7.95	2.9	3.08
105	11/10/2007 13:16	12.08	49.995	32.66	8.9	7.95	3.7	2.95
106	11/10/2007 13:31	12.12	49.91	32.6	8.84	7.94	4.1	2.85
107	11/10/2007 13:46	12.16	49.853	32.56	8.81	7.94	4.0	2.75
108	11/10/2007 14:01	12.2	49.817	32.53	8.77	7.94	7.1	2.62
109	11/10/2007 14:16	12.27	49.611	32.39	8.85	7.94	4.4	2.50
110	11/10/2007 14:31	12.38	49.92	32.62	8.93	7.95	4.2	2.39
111	11/10/2007 14:46	12.3	49.735	32.48	9.03	7.96	3.9	2.27
112	11/10/2007 15:01	12.35	49.758	32.5	9.02	7.96	5.0	2.14
113	11/10/2007 15:16	12.44	49.509	32.32	9.04	7.96	6.0	1.99
114	11/10/2007 15:31	12.53	49.482	32.3	9.04	7.96	5.9	1.89
115	11/10/2007 15:46	12.63	49.57	32.37	9.01	7.96	5.0	1.76
116	11/10/2007 16:01	12.69	49.468	32.3	8.99	7.96	5.9	1.62
117	11/10/2007 16:16	12.76	49.49	32.32	8.98	7.97	6.1	1.50
118	11/10/2007 16:31	12.82	49.17	32.09	8.96	7.97	6.4	1.38
119	11/10/2007 16:46	12.9	49.311	32.19	8.95	7.97	5.7	1.26
120	11/10/2007 17:01	12.95	49.109	32.05	8.92	7.96	6.1	1.16
121	11/10/2007 17:16	13.05	49.136	32.07	8.94	7.97	4.8	1.08
122	11/10/2007 17:31	13.13	48.991	31.97	8.93	7.98	5.4	0.99
123	11/10/2007 17:46	13.2	49.026	32	8.91	7.98	8.1	0.97
124	11/10/2007 18:01	13.24	49.146	32.09	8.92	7.98	7.0	0.96
125	11/10/2007 18:16	13.14	49.175	32.1	8.63	7.97	6.7	0.93
126	11/10/2007 18:31	13.2	48.989	31.97	8.81	7.98	6.1	0.97
127	11/10/2007 18:46	13.2	48.975	31.96	8.87	7.99	5.7	1.05
128	11/10/2007 19:01	13.18	48.972	31.96	8.89	7.98	7.4	1.08
129	11/10/2007 19:16	13.19	48.937	31.93	8.94	7.99	5.0	1.14
130	11/10/2007 19:31	13.17	49.162	32.1	8.89	7.98	5.4	1.23
131	11/10/2007 19:46	13.2	48.805	31.84	8.71	7.95	8.2	1.32
132	11/10/2007 20:01	13.16	48.807	31.84	8.74	7.95	6.8	1.38
133	11/10/2007 20:16	13.1	48.933	31.93	8.75	7.95	6.8	1.46
134	11/10/2007 20:31	13.03	48.82	31.84	8.77	7.95	6.3	1.56
135	11/10/2007 20:46	13	48.948	31.93	8.77	7.95	5.9	1.64
136	11/10/2007 21:01	12.98	49.106	32.05	8.78	7.95	5.3	1.73
137	11/10/2007 21:16	12.96	49.192	32.11	8.78	7.95	5.2	1.82
138	11/10/2007 21:31	12.88	49.218	32.13	8.79	7.95	5.6	1.92
139	11/10/2007 21:46	12.83	49.398	32.26	8.76	7.94	5.3	2.01
140	11/10/2007 22:01	12.84	48.802	31.82	8.76	7.94	5.9	2.10
141	11/10/2007 22:16	12.84	49.174	32.09	8.73	7.94	5.8	2.20
142	11/10/2007 22:31	12.78	49.177	32.09	8.72	7.93	5.9	2.27
143	11/10/2007 22:46	12.7	49.405	32.25	8.69	7.93	6.0	2.36
144	11/10/2007 23:01	12.63	49.311	32.18	8.7	7.93	6.2	2.44

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
145	11/10/2007 23:16	12.55	49.4	32.25	8.68	7.93	5.9	2.50
146	11/10/2007 23:31	12.42	49.689	32.45	8.67	7.93	6.4	2.57
147	11/10/2007 23:46	12.31	49.651	32.42	8.68	7.93	5.8	2.64
148	11/11/2007 00:01	12.22	49.776	32.5	8.68	7.93	5.5	2.70
149	11/11/2007 00:16	12.11	49.698	32.44	8.7	7.93	5.6	2.76
150	11/11/2007 00:31	12.06	49.859	32.56	8.67	7.93	4.3	2.82
151	11/11/2007 00:46	12.02	49.935	32.61	8.64	7.94	4.0	2.86
152	11/11/2007 01:01	12.01	49.752	32.48	8.62	7.93	2.7	2.88
153	11/11/2007 01:16	12.08	49.848	32.55	8.52	7.92	2.9	2.90
154	11/11/2007 01:31	12.07	49.8	32.51	8.55	7.93	3.8	2.90
155	11/11/2007 01:46	12.02	49.678	32.42	8.56	7.92	3.1	2.89
156	11/11/2007 02:01	12.01	49.567	32.34	8.57	7.93	3.4	2.85
157	11/11/2007 02:16	12.13	49.603	32.37	8.46	7.92	3.8	2.79
158	11/11/2007 02:31	12.24	49.37	32.21	8.36	7.91	4.5	2.73
159	11/11/2007 02:46	12.25	49.559	32.35	8.43	7.91	5.1	2.66
160	11/11/2007 03:01	12.25	49.578	32.36	8.38	7.91	4.8	2.60
161	11/11/2007 03:16	12.23	49.37	32.21	8.32	7.9	5.1	2.52
162	11/11/2007 03:31	12.2	49.356	32.2	8.28	7.9	5.4	2.46
163	11/11/2007 03:46	12.21	49.569	32.35	8.23	7.9	5.0	2.40
164	11/11/2007 04:01	12.33	49.178	32.07	8.25	7.9	4.5	2.35
165	11/11/2007 04:16	12.31	49.362	32.21	8.23	7.9	5.3	2.29
166	11/11/2007 04:31	12.29	49.509	32.31	8.23	7.9	4.5	2.24
167	11/11/2007 04:46	12.37	49.333	32.19	8.24	7.9	4.1	2.22
168	11/11/2007 05:01	12.33	49.487	32.3	8.24	7.9	4.1	2.18
169	11/11/2007 05:16	12.33	49.287	32.15	8.25	7.9	3.6	2.17
170	11/11/2007 05:31	12.36	49.187	32.08	8.35	7.91	3.1	2.13
171	11/11/2007 05:46	12.4	49.403	32.24	8.27	7.91	1.9	2.15
172	11/11/2007 06:01	12.29	49.342	32.19	8.25	7.9	3.4	2.15
173	11/11/2007 06:16	12.32	49.496	32.3	8.28	7.9	3.6	2.16
174	11/11/2007 06:31	12.3	49.496	32.3	8.24	7.9	4.3	2.20
175	11/11/2007 06:46	12.36	49.421	32.25	8.36	7.91	4.0	2.23
176	11/11/2007 07:01	12.33	49.342	32.19	8.37	7.91	4.5	2.28
177	11/11/2007 07:16	12.28	49.454	32.27	8.36	7.91	4.8	2.34
178	11/11/2007 07:31	12.23	49.132	32.04	8.39	7.91	5.2	2.40
179	11/11/2007 07:46	12.21	49.447	32.26	8.39	7.91	4.5	2.45
180	11/11/2007 08:01	12.17	49.47	32.28	8.39	7.91	4.7	2.54
181	11/11/2007 08:16	12.13	49.529	32.32	8.41	7.91	4.4	2.60
182	11/11/2007 08:31	12.08	49.68	32.43	8.49	7.92	4.1	2.65
183	11/11/2007 08:46	12.02	49.735	32.46	8.54	7.92	3.9	2.74
184	11/11/2007 09:01	12.01	49.722	32.45	8.57	7.93	3.9	2.80
185	11/11/2007 09:16	11.99	49.718	32.45	8.58	7.93	4.2	2.86
186	11/11/2007 09:31	11.94	49.958	32.62	8.59	7.94	4.2	2.96
187	11/11/2007 09:46	11.92	49.275	32.13	8.63	7.94	3.8	3.02
188	11/11/2007 10:01	11.91	49.916	32.59	8.62	7.94	3.9	3.08
189	11/11/2007 10:16	11.9	49.948	32.61	8.64	7.95	3.5	3.16
190	11/11/2007 10:31	11.87	49.958	32.62	8.64	7.95	3.0	3.21
191	11/11/2007 10:46	11.84	49.907	32.58	8.65	7.95	4.2	3.28
192	11/11/2007 11:01	11.82	49.915	32.59	8.63	7.95	2.8	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
193	11/11/2007 11:16	11.81	49.814	32.51	8.59	7.95	2.8	3.36
194	11/11/2007 11:31	11.83	49.883	32.56	8.55	7.94	1.5	3.39
195	11/11/2007 11:46	11.94	49.904	32.58	8.62	7.94	2.3	3.41
196	11/11/2007 12:01	11.86	49.9	32.58	8.52	7.94	2.2	3.39
197	11/11/2007 12:16	11.81	49.899	32.57	8.58	7.94	2.9	3.37
198	11/11/2007 12:31	11.81	49.748	32.46	8.54	7.94	2.6	3.32
199	11/11/2007 12:46	11.86	49.871	32.56	8.58	7.94	2.6	3.25
200	11/11/2007 13:01	12.01	49.884	32.57	8.7	7.95	3.1	3.18
201	11/11/2007 13:16	12.08	49.52	32.31	8.82	7.95	4.5	3.09
202	11/11/2007 13:31	12.24	49.873	32.57	8.89	7.95	4.3	3.00
203	11/11/2007 13:46	12.29	49.894	32.59	8.94	7.96	5.3	2.88
204	11/11/2007 14:01	12.28	49.817	32.54	8.9	7.95	4.3	2.79
205	11/11/2007 14:16	12.31	49.811	32.53	8.94	7.95	4.0	2.69
206	11/11/2007 14:31	12.4	49.637	32.41	9.06	7.96	4.0	2.59
207	11/11/2007 14:46	12.46	49.719	32.47	9.14	7.97	4.4	2.47
208	11/11/2007 15:01	12.52	49.661	32.43	9.25	7.97	3.8	2.35
209	11/11/2007 15:16	12.57	49.68	32.45	9.23	7.97	3.7	2.24
210	11/11/2007 15:31	12.66	49.575	32.38	9.23	7.97	6.3	2.11
211	11/11/2007 15:46	12.66	49.664	32.44	9.21	7.97	4.9	1.98
212	11/11/2007 16:01	12.73	49.553	32.36	9.28	7.97	4.8	1.83
213	11/11/2007 16:16	12.77	49.507	32.33	9.33	7.98	5.2	1.73
214	11/11/2007 16:31	12.78	49.354	32.22	9.43	7.99	6.2	1.58
215	11/11/2007 16:46	12.78	48.957	31.93	9.45	7.99	5.6	1.47
216	11/11/2007 17:01	12.77	49.19	32.1	9.48	7.99	7.1	1.32
217	11/11/2007 17:16	12.8	49.217	32.12	9.47	7.99	5.3	1.23
218	11/11/2007 17:31	12.81	49.282	32.17	9.44	7.99	4.9	1.11
219	11/11/2007 17:46	12.85	49.334	32.21	9.52	8	4.5	1.00
220	11/11/2007 18:01	12.89	49.222	32.13	9.61	8.01	4.4	0.98
221	11/11/2007 18:16	12.89	49.248	32.15	9.62	8.01	4.0	0.91
222	11/11/2007 18:31	12.9	49.055	32.01	9.65	8.01	2.0	0.88
223	11/11/2007 18:46	12.86	48.801	31.82	9.48	8.01	4.6	0.88
224	11/11/2007 19:01	12.92	48.817	31.84	9.83	8.04	3.5	0.91
225	11/11/2007 19:16	12.89	48.866	31.87	9.87	8.04	4.3	0.96
226	11/11/2007 19:31	12.86	49.059	32.01	9.95	8.04	4.4	1.03
227	11/11/2007 19:46	12.85	48.832	31.84	9.99	8.04	4.7	1.09
228	11/11/2007 20:01	12.84	48.881	31.88	9.96	8.04	4.8	1.17
229	11/11/2007 20:16	12.75	48.836	31.84	9.48	7.99	5.6	1.26
230	11/11/2007 20:31	12.78	48.842	31.85	9.5	8	4.6	1.33
231	11/11/2007 20:46	12.75	48.687	31.74	9.35	7.98	5.0	1.39
232	11/11/2007 21:01	12.75	48.702	31.75	9.33	7.97	5.0	1.48
233	11/11/2007 21:16	12.76	48.794	31.81	9.4	7.98	5.1	1.57
234	11/11/2007 21:31	12.8	49.022	31.98	9.44	7.99	4.9	1.65
235	11/11/2007 21:46	12.8	49.104	32.04	9.42	7.98	4.2	1.74
236	11/11/2007 22:01	12.77	49.13	32.06	9.27	7.97	4.6	1.84
237	11/11/2007 22:16	12.75	49.143	32.07	9.17	7.96	4.7	1.95
238	11/11/2007 22:31	12.77	49.051	32	9.11	7.96	4.6	2.02
239	11/11/2007 22:46	12.76	48.854	31.86	9.06	7.95	4.9	2.11
240	11/11/2007 23:01	12.71	49.116	32.05	9.02	7.95	7.2	2.20

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
241	11/11/2007 23:16	12.66	49.421	32.26	8.98	7.95	4.8	2.28
242	11/11/2007 23:31	12.61	49.503	32.32	8.95	7.95	5.0	2.35
243	11/11/2007 23:46	12.59	49.241	32.13	8.94	7.94	5.1	2.43
244	11/12/2007 00:01	12.52	49.537	32.34	8.9	7.94	5.9	2.50
245	11/12/2007 00:16	12.41	49.654	32.42	8.88	7.94	5.9	2.56
246	11/12/2007 00:31	12.34	49.525	32.33	8.88	7.94	5.3	2.62
247	11/12/2007 00:46	12.24	49.648	32.41	8.89	7.95	5.0	2.67
248	11/12/2007 01:01	12.17	49.78	32.5	8.91	7.95	4.5	2.72
249	11/12/2007 01:16	12.14	49.704	32.45	8.88	7.95	3.7	2.78
250	11/12/2007 01:31	12.12	49.603	32.37	8.79	7.95	3.2	2.81
251	11/12/2007 01:46	12.1	49.756	32.48	8.71	7.95	2.5	2.83
252	11/12/2007 02:01	12.17	49.712	32.45	8.77	7.94	2.9	2.85
253	11/12/2007 02:16	12.14	49.686	32.43	8.81	7.95	3.5	2.83
254	11/12/2007 02:31	12.1	49.642	32.4	8.82	7.95	2.8	2.78
255	11/12/2007 02:46	12.15	49.725	32.46	8.76	7.94	3.8	2.72
256	11/12/2007 03:01	12.19	49.587	32.37	8.67	7.93	6.4	2.67
257	11/12/2007 03:16	12.27	49.48	32.29	8.55	7.92	8.9	2.65
258	11/12/2007 03:31	12.3	49.658	32.42	8.64	7.93	5.9	2.57
259	11/12/2007 03:46	12.26	49.497	32.3	8.69	7.93	7.1	2.52
260	11/12/2007 04:01	12.18	49.267	32.13	8.58	7.92	7.5	2.51
261	11/12/2007 04:16	12.16	49.455	32.27	8.55	7.92	7.1	2.43
262	11/12/2007 04:31	12.15	49.421	32.24	8.51	7.92	7.5	2.37
263	11/12/2007 04:46	12.09	49.44	32.25	8.44	7.91	7.7	2.33
264	11/12/2007 05:01	12.13	49.409	32.23	8.44	7.91	7.4	2.27
265	11/12/2007 05:16	12.21	49.366	32.21	8.46	7.91	5.9	2.24
266	11/12/2007 05:31	12.18	49.42	32.24	8.39	7.91	5.4	2.22
267	11/12/2007 05:46	12.26	49.309	32.17	8.42	7.91	4.8	2.19
268	11/12/2007 06:01	12.29	49.218	32.1	8.38	7.9	3.5	2.18
269	11/12/2007 06:16	12.3	49.439	32.26	8.25	7.91	4.3	2.17
270	11/12/2007 06:31	12.26	49.329	32.18	8.4	7.91	4.8	2.18
271	11/12/2007 06:46	12.31	49.422	32.25	8.44	7.92	3.9	2.18
272	11/12/2007 07:01	12.36	49.248	32.13	8.56	7.92	4.3	2.23
273	11/12/2007 07:16	12.38	49.294	32.16	8.62	7.92	4.3	2.25
274	11/12/2007 07:31	12.37	49.302	32.17	8.65	7.93	5.0	2.29
275	11/12/2007 07:46	12.34	49.429	32.26	8.65	7.93	4.5	2.34
276	11/12/2007 08:01	12.31	49.439	32.26	8.67	7.93	5.0	2.39
277	11/12/2007 08:16	12.27	49.451	32.27	8.66	7.93	5.5	2.45
278	11/12/2007 08:31	12.23	49.505	32.31	8.67	7.93	4.2	2.50
279	11/12/2007 08:46	12.18	49.566	32.35	8.68	7.93	4.5	2.59
280	11/12/2007 09:01	12.16	49.527	32.32	8.72	7.93	4.5	2.65
281	11/12/2007 09:16	12.08	49.651	32.41	8.84	7.94	4.5	2.72
282	11/12/2007 09:31	12.05	49.807	32.52	8.89	7.95	4.2	2.81
283	11/12/2007 09:46	12.02	49.762	32.48	8.91	7.95	3.9	2.87
284	11/12/2007 10:01	11.97	49.876	32.56	8.93	7.95	4.0	2.94
285	11/12/2007 10:16	11.95	49.954	32.62	8.93	7.95	3.3	3.01
286	11/12/2007 10:31	11.91	49.846	32.54	8.97	7.96	3.1	3.08
287	11/12/2007 10:46	11.91	49.756	32.47	8.94	7.96	2.8	3.13
288	11/12/2007 11:01	11.88	49.972	32.63	8.93	7.96	2.9	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
289	11/12/2007 11:16	11.86	49.955	32.62	8.93	7.96	2.6	3.22
290	11/12/2007 11:31	11.85	49.843	32.53	8.87	7.96	2.6	3.27
291	11/12/2007 11:46	11.81	50.025	32.67	8.91	7.96	2.7	3.31
292	11/12/2007 12:01	11.79	49.837	32.53	8.89	7.96	2.1	3.33
293	11/12/2007 12:16	11.78	50.124	32.74	8.78	7.95	1.8	3.35
294	11/12/2007 12:31	11.81	49.961	32.62	8.81	7.95	3.1	3.34
295	11/12/2007 12:46	11.79	49.966	32.62	8.99	7.96	2.6	3.31
296	11/12/2007 13:01	11.79	49.84	32.53	8.97	7.96	2.4	3.28
297	11/12/2007 13:16	11.81	49.83	32.52	8.96	7.96	3.8	3.22
298	11/12/2007 13:31	11.85	49.703	32.43	8.9	7.95	5.9	3.16
299	11/12/2007 13:46	11.87	49.565	32.33	8.92	7.95	5.4	3.08
300	11/12/2007 14:01	11.86	49.826	32.52	8.94	7.96	5.0	2.99
301	11/12/2007 14:16	11.89	49.672	32.41	8.95	7.95	5.7	2.89
302	11/12/2007 14:31	11.9	49.791	32.5	8.97	7.96	5.9	2.80
303	11/12/2007 14:46	11.91	49.72	32.45	8.92	7.95	7.0	2.70
304	11/12/2007 15:01	11.95	49.549	32.33	8.86	7.95	8.0	2.57
305	11/12/2007 15:16	12.03	49.603	32.37	8.7	7.93	9.4	2.49
306	11/12/2007 15:31	12.03	49.472	32.27	8.61	7.93	9.3	2.38
307	11/12/2007 15:46	12.17	49.426	32.25	8.54	7.92	9.4	2.26
308	11/12/2007 16:01	12.14	49.373	32.21	8.65	7.93	9.7	2.13
309	11/12/2007 16:16	12.13	49.464	32.27	8.69	7.93	10.7	2.01
310	11/12/2007 16:31	12.16	49.38	32.21	8.63	7.93	11.2	1.88
311	11/12/2007 16:46	12.19	49.358	32.2	8.58	7.92	13.4	1.76
312	11/12/2007 17:01	12.21	49.145	32.04	8.53	7.92	13.5	1.65
313	11/12/2007 17:16	12.24	49.109	32.02	8.47	7.92	13.1	1.52
314	11/12/2007 17:31	12.27	48.846	31.83	8.46	7.91	13.1	1.38
315	11/12/2007 17:46	12.29	48.927	31.89	8.43	7.91	11.6	1.27
316	11/12/2007 18:01	12.31	48.876	31.85	8.43	7.91	10.5	1.18
317	11/12/2007 18:16	12.32	48.783	31.79	8.43	7.91	10.1	1.10
318	11/12/2007 18:31	12.32	49.011	31.95	8.39	7.91	10.5	0.99
319	11/12/2007 18:46	12.3	49.007	31.95	8.35	7.91	10.6	0.94
320	11/12/2007 19:01	12.29	48.977	31.93	8.35	7.9	6.8	0.94
321	11/12/2007 19:16	12.27	49	31.94	8.27	7.9	7.0	0.91
322	11/12/2007 19:31	12.19	48.809	31.8	8.23	7.9	5.9	0.94
323	11/12/2007 19:46	12.2	48.672	31.7	8.31	7.9	35.6	0.96
324	11/12/2007 20:01	12.21	48.775	31.78	8.29	7.9	21.3	1.01
325	11/12/2007 20:16	12.13	48.508	31.58	8.27	7.89	5.7	1.03
326	11/12/2007 20:31	12.15	48.466	31.55	8.31	7.89	5.9	1.14
327	11/12/2007 20:46	12.07	48.571	31.62	8.3	7.89	6.7	1.18
328	11/12/2007 21:01	12.11	48.691	31.71	8.33	7.89	6.1	1.30
329	11/12/2007 21:16	12.09	48.453	31.54	8.35	7.89	6.8	1.36
330	11/12/2007 21:31	12.01	48.27	31.4	8.38	7.89	6.0	1.42
331	11/12/2007 21:46	12.02	48.401	31.5	8.41	7.89	6.0	1.52
332	11/12/2007 22:01	12.05	48.602	31.64	8.4	7.89	6.4	1.61
333	11/12/2007 22:16	12.1	48.741	31.75	8.41	7.9	5.7	1.70
334	11/12/2007 22:31	12.12	48.911	31.87	8.41	7.9	5.9	1.78
335	11/12/2007 22:46	12.16	49.153	32.05	8.45	7.91	6.1	1.85
336	11/12/2007 23:01	12.21	49.19	32.08	8.51	7.91	6.8	1.95

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
337	11/12/2007 23:16	12.22	48.993	31.94	8.5	7.91	7.5	2.03
338	11/12/2007 23:31	12.23	49.088	32	8.49	7.91	6.5	2.12
339	11/12/2007 23:46	12.23	49.176	32.07	8.48	7.91	6.6	2.21
340	11/13/2007 00:01	12.21	49.233	32.11	8.48	7.91	7.0	2.29
341	11/13/2007 00:16	12.19	49.25	32.12	8.51	7.91	6.9	2.34
342	11/13/2007 00:31	12.18	48.991	31.93	8.53	7.91	6.9	2.42
343	11/13/2007 00:46	12.17	49.137	32.04	8.54	7.91	6.3	2.47
344	11/13/2007 01:01	12.14	49.155	32.05	8.57	7.92	6.9	2.54
345	11/13/2007 01:16	12.11	49.272	32.13	8.59	7.92	6.7	2.60
346	11/13/2007 01:31	12.08	49.301	32.15	8.6	7.92	6.2	2.65
347	11/13/2007 01:46	12.05	49.562	32.34	8.6	7.93	5.4	2.69
348	11/13/2007 02:01	12.03	49.633	32.39	8.6	7.93	4.8	2.74
349	11/13/2007 02:16	12.01	49.552	32.33	8.58	7.93	3.4	2.76
350	11/13/2007 02:31	12.03	49.506	32.3	8.53	7.92	3.6	2.77
351	11/13/2007 02:46	12.01	49.461	32.27	8.58	7.92	3.2	2.78
352	11/13/2007 03:01	11.97	49.502	32.29	8.62	7.92	4.7	2.76
353	11/13/2007 03:16	11.99	49.448	32.25	8.63	7.93	5.1	2.73
354	11/13/2007 03:31	12.01	49.468	32.27	8.62	7.92	6.4	2.70
355	11/13/2007 03:46	12.05	49.575	32.35	8.52	7.91	13.5	2.66
356	11/13/2007 04:01	12.04	49.278	32.13	8.49	7.91	21.1	2.62
357	11/13/2007 04:16	12.03	49.172	32.06	8.49	7.91	26.2	2.55
358	11/13/2007 04:31	12.01	49.355	32.19	8.45	7.91	24.1	2.49
359	11/13/2007 04:46	12.01	49.267	32.12	8.41	7.9	18.9	2.46
360	11/13/2007 05:01	12.01	49.421	32.24	8.4	7.9	17.5	2.40
361	11/13/2007 05:16	12	49.374	32.2	8.37	7.9	14.5	2.36
362	11/13/2007 05:31	12.07	49.227	32.1	8.38	7.9	14.1	2.32
363	11/13/2007 05:46	12.09	49.408	32.23	8.34	7.9	12.2	2.29
364	11/13/2007 06:01	12.12	49.086	32	8.31	7.89	11.1	2.25
365	11/13/2007 06:16	12.12	48.933	31.89	8.31	7.89	10.0	2.23
366	11/13/2007 06:31	12.12	48.807	31.8	8.3	7.89	7.8	2.23
367	11/13/2007 06:46	12.14	48.805	31.8	8.25	7.89	9.2	2.19
368	11/13/2007 07:01	12.14	49.155	32.05	8.08	7.88	6.5	2.21
369	11/13/2007 07:16	12.13	48.732	31.74	8.26	7.89	9.8	2.22
370	11/13/2007 07:31	12.12	48.741	31.75	8.31	7.89	8.4	2.26
371	11/13/2007 07:46	12.14	48.989	31.93	8.3	7.89	8.8	2.28
372	11/13/2007 08:01	12.14	49.207	32.09	8.32	7.9	8.9	2.31
373	11/13/2007 08:16	12.14	49.147	32.04	8.32	7.89	10.1	2.38
374	11/13/2007 08:31	12.09	48.967	31.91	8.31	7.89	10.9	2.42
375	11/13/2007 08:46	12.1	48.858	31.83	8.34	7.89	8.6	2.47
376	11/13/2007 09:01	12.11	49.171	32.06	8.34	7.9	9.1	2.53
377	11/13/2007 09:16	12.09	49.131	32.03	8.33	7.9	8.4	2.57
378	11/13/2007 09:31	12.06	49.212	32.09	8.4	7.9	8.2	2.65
379	11/13/2007 09:46	12.04	49.125	32.02	8.49	7.91	7.3	2.70
380	11/13/2007 10:01	11.95	49.425	32.24	8.64	7.92	7.0	2.77
381	11/13/2007 10:16	11.9	49.644	32.39	8.78	7.93	5.9	2.83
382	11/13/2007 10:31	11.9	49.695	32.43	8.84	7.93	5.4	2.90
383	11/13/2007 10:46	11.9	49.534	32.31	8.86	7.93	5.1	2.95
384	11/13/2007 11:01	11.88	49.692	32.43	8.86	7.93	5.1	3.01

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
385	11/13/2007 11:16	11.85	49.541	32.32	8.91	7.94	5.0	3.09
386	11/13/2007 11:31	11.84	49.163	32.04	8.96	7.94	4.6	3.13
387	11/13/2007 11:46	11.83	49.785	32.49	8.91	7.94	4.4	3.17
388	11/13/2007 12:01	11.84	49.476	32.27	8.93	7.94	3.5	3.22
389	11/13/2007 12:16	11.84	49.575	32.34	8.93	7.94	3.2	3.25
390	11/13/2007 12:31	11.85	49.616	32.37	8.86	7.94	1.9	3.28
391	11/13/2007 12:46	11.91	49.827	32.53	8.9	7.93	2.7	3.29
392	11/13/2007 13:01	11.9	49.567	32.34	8.88	7.93	3.2	3.29
393	11/13/2007 13:16	11.85	49.961	32.62	8.85	7.93	3.3	3.27
394	11/13/2007 13:31	11.84	49.705	32.43	8.9	7.93	3.4	3.24
395	11/13/2007 13:46	11.86	49.654	32.4	8.9	7.93	4.0	3.20
396	11/13/2007 14:01	11.91	49.261	32.11	8.89	7.93	4.0	3.13
397	11/13/2007 14:16	12.33	49.478	32.29	9.08	7.94	5.1	3.05
398	11/13/2007 14:31	12.41	49.551	32.35	9.05	7.94	5.3	2.97
399	11/13/2007 14:46	12.3	49.641	32.41	8.97	7.94	6.4	2.88
400	11/13/2007 15:01	12.3	49.197	32.09	8.96	7.93	7.2	2.78
401	11/13/2007 15:16	12.34	49.294	32.16	8.92	7.93	6.6	2.69
402	11/13/2007 15:31	12.44	49.407	32.25	8.9	7.93	6.2	2.59
403	11/13/2007 15:46	12.47	49.286	32.16	8.93	7.94	6.0	2.49
404	11/13/2007 16:01	12.48	49.406	32.25	8.98	7.94	5.4	2.38
405	11/13/2007 16:16	12.45	49.216	32.11	9.04	7.95	4.7	2.28
406	11/13/2007 16:31	12.44	49.015	31.96	9.05	7.95	4.0	2.17
407	11/13/2007 16:46	12.46	49.202	32.1	9.03	7.94	5.6	2.05
408	11/13/2007 17:01	12.45	49.221	32.11	8.92	7.94	7.4	1.93
409	11/13/2007 17:16	12.48	48.971	31.93	8.89	7.93	9.9	1.79
410	11/13/2007 17:31	12.47	49.098	32.02	8.8	7.93	11.0	1.68
411	11/13/2007 17:46	12.46	48.99	31.94	8.76	7.92	9.3	1.57
412	11/13/2007 18:01	12.44	49.123	32.04	8.68	7.92	8.4	1.42
413	11/13/2007 18:16	12.48	48.926	31.9	8.69	7.92	9.6	1.31
414	11/13/2007 18:31	12.52	48.747	31.77	8.74	7.92	8.2	1.20
415	11/13/2007 18:46	12.51	48.84	31.84	8.69	7.91	7.3	1.11
416	11/13/2007 19:01	12.56	48.888	31.87	8.74	7.92	6.6	1.05
417	11/13/2007 19:16	12.56	48.762	31.78	8.72	7.92	6.9	0.97
418	11/13/2007 19:31	12.58	48.841	31.84	8.76	7.92	5.6	0.95
419	11/13/2007 19:46	12.61	48.4	31.52	8.7	7.91	4.8	0.93
420	11/13/2007 20:01	12.57	48.377	31.5	8.68	7.92	4.2	0.94
421	11/13/2007 20:16	12.61	48.609	31.67	8.77	7.92	4.2	0.98
422	11/13/2007 20:31	12.58	48.675	31.72	8.78	7.92	5.2	1.03
423	11/13/2007 20:46	12.57	48.605	31.67	8.7	7.91	5.4	1.06
424	11/13/2007 21:01	12.56	48.548	31.63	8.7	7.91	4.8	1.13
425	11/13/2007 21:16	12.53	48.276	31.43	8.72	7.91	5.7	1.19
426	11/13/2007 21:31	12.53	48.322	31.46	8.73	7.9	5.4	1.26
427	11/13/2007 21:46	12.52	48.193	31.37	8.71	7.89	6.2	1.33
428	11/13/2007 22:01	12.53	47.699	31.01	8.72	7.89	6.1	1.39
429	11/13/2007 22:16	12.53	47.698	31.01	8.71	7.89	6.1	1.46
430	11/13/2007 22:31	12.58	48.514	31.6	8.73	7.91	5.7	1.55
431	11/13/2007 22:46	12.58	48.312	31.46	8.73	7.91	5.6	1.61
432	11/13/2007 23:01	12.57	48.004	31.23	8.74	7.91	5.3	1.71

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
433	11/13/2007 23:16	12.56	48.719	31.75	8.73	7.91	6.0	1.80
434	11/13/2007 23:31	12.55	48.74	31.77	8.72	7.91	5.4	1.87
435	11/13/2007 23:46	12.53	48.674	31.72	8.71	7.91	5.5	1.95
436	11/14/2007 00:01	12.57	48.999	31.95	8.71	7.91	6.1	2.03
437	11/14/2007 00:16	12.59	48.958	31.93	8.71	7.91	6.1	2.11
438	11/14/2007 00:31	12.57	49.089	32.02	8.71	7.91	5.7	2.19
439	11/14/2007 00:46	12.53	49	31.95	8.72	7.91	5.6	2.27
440	11/14/2007 01:01	12.48	48.974	31.93	8.72	7.92	5.4	2.33
441	11/14/2007 01:16	12.46	49.14	32.05	8.72	7.92	5.5	2.40
442	11/14/2007 01:31	12.43	49.059	31.99	8.74	7.92	5.7	2.45
443	11/14/2007 01:46	12.41	49.23	32.12	8.73	7.92	6.1	2.51
444	11/14/2007 02:01	12.35	49.305	32.17	8.78	7.92	5.4	2.56
445	11/14/2007 02:16	12.32	49.281	32.15	8.79	7.92	5.7	2.61
446	11/14/2007 02:31	12.27	49.163	32.06	8.79	7.92	4.2	2.64
447	11/14/2007 02:46	12.24	49.401	32.23	8.79	7.93	3.9	2.69
448	11/14/2007 03:01	12.21	49.512	32.31	8.81	7.93	3.3	2.71
449	11/14/2007 03:16	12.26	49.012	31.95	8.74	7.92	3.3	2.72
450	11/14/2007 03:31	12.21	49.317	32.17	8.73	7.92	3.1	2.73
451	11/14/2007 03:46	12.2	49.578	32.36	8.77	7.92	3.7	2.72
452	11/14/2007 04:01	12.21	49.617	32.39	8.8	7.93	3.9	2.68
453	11/14/2007 04:16	12.24	49.356	32.2	8.73	7.92	4.2	2.66
454	11/14/2007 04:31	12.24	49.134	32.04	8.6	7.91	4.3	2.62
455	11/14/2007 04:46	12.21	49.326	32.18	8.36	7.89	5.6	2.58
456	11/14/2007 05:01	12.24	49.087	32	8.42	7.9	3.9	2.53
457	11/14/2007 05:16	12.27	49.141	32.04	8.5	7.9	4.5	2.47
458	11/14/2007 05:31	12.22	49.186	32.08	8.38	7.89	4.1	2.45
459	11/14/2007 05:46	12.22	49.139	32.04	8.36	7.89	4.4	2.40
460	11/14/2007 06:01	12.17	49.097	32.01	8.26	7.88	4.0	2.34
461	11/14/2007 06:16	12.21	49.077	32	8.29	7.88	4.4	2.32
462	11/14/2007 06:31	12.19	49.122	32.03	8.21	7.88	3.7	2.29
463	11/14/2007 06:46	12.15	49.142	32.04	8.18	7.87	3.8	2.26
464	11/14/2007 07:01	12.23	49.019	31.95	8.18	7.87	4.7	2.25
465	11/14/2007 07:16	12.27	49.131	32.04	7.82	7.85	4.4	2.24
466	11/14/2007 07:31	12.17	49.048	31.97	7.94	7.87	2.7	2.23
467	11/14/2007 07:46	12.17	49.011	31.95	8.18	7.88	4.0	2.25
468	11/14/2007 08:01	12.23	48.947	31.9	8.25	7.89	4.0	2.26
469	11/14/2007 08:16	12.25	49.189	32.08	8.33	7.89	3.5	2.28
470	11/14/2007 08:31	12.3	49.021	31.96	8.44	7.9	3.1	2.31
471	11/14/2007 08:46	12.3	48.888	31.86	8.53	7.9	3.9	2.35
472	11/14/2007 09:01	12.29	49.125	32.03	8.5	7.9	3.9	2.39
473	11/14/2007 09:16	12.27	49.121	32.03	8.54	7.9	4.1	2.43
474	11/14/2007 09:31	12.25	49.002	31.94	8.57	7.9	4.0	2.48
475	11/14/2007 09:46	12.24	49.268	32.14	8.57	7.9	4.2	2.54
476	11/14/2007 10:01	12.23	49.141	32.04	8.6	7.91	3.7	2.60
477	11/14/2007 10:16	12.19	49.402	32.23	8.7	7.91	3.5	2.65
478	11/14/2007 10:31	12.15	49.416	32.24	8.8	7.92	3.8	2.72
479	11/14/2007 10:46	12.11	49.432	32.25	8.95	7.93	4.0	2.77
480	11/14/2007 11:01	12.11	49.615	32.38	8.97	7.94	3.7	2.83

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
481	11/14/2007 11:16	12.11	49.728	32.46	9	7.94	3.7	2.89
482	11/14/2007 11:31	12.12	49.798	32.51	9.01	7.94	3.4	2.94
483	11/14/2007 11:46	12.12	49.606	32.38	8.98	7.94	3.2	2.99
484	11/14/2007 12:01	12.09	49.564	32.34	9.03	7.94	3.2	3.05
485	11/14/2007 12:16	12.06	49.763	32.49	9	7.94	3.4	3.09
486	11/14/2007 12:31	12.05	49.836	32.54	8.98	7.94	2.8	3.13
487	11/14/2007 12:46	12.04	49.617	32.38	8.99	7.94	2.4	3.17
488	11/14/2007 13:01	12.05	49.706	32.44	8.96	7.94	2.8	3.19
489	11/14/2007 13:16	12.08	49.809	32.52	8.81	7.93	1.2	3.21
490	11/14/2007 13:31	12.14	49.664	32.42	8.94	7.94	2.3	3.22
491	11/14/2007 13:46	12.08	49.649	32.4	8.92	7.94	2.7	3.21
492	11/14/2007 14:01	12.06	49.602	32.37	8.96	7.94	2.8	3.18
493	11/14/2007 14:16	12.07	49.668	32.42	8.93	7.94	3.3	3.14
494	11/14/2007 14:31	12.1	49.8	32.52	8.94	7.94	3.2	3.08
495	11/14/2007 14:46	12.29	49.682	32.44	9	7.94	2.4	3.03
496	11/14/2007 15:01	12.42	49.567	32.36	9.11	7.95	3.3	2.96
497	11/14/2007 15:16	12.42	49.625	32.4	9.12	7.95	4.4	2.87
498	11/14/2007 15:31	12.53	49.539	32.34	9.16	7.95	3.5	2.80
499	11/14/2007 15:46	12.56	49.363	32.22	9.21	7.95	4.3	2.71
500	11/14/2007 16:01	12.6	49.204	32.1	9.28	7.95	3.9	2.61
501	11/14/2007 16:16	12.75	49.22	32.12	9.47	7.97	4.3	2.52
502	11/14/2007 16:31	12.72	49.217	32.12	9.38	7.96	3.5	2.42
503	11/14/2007 16:46	12.68	49.193	32.1	9.33	7.96	3.8	2.31
504	11/14/2007 17:01	12.61	49.157	32.07	9.17	7.95	4.8	2.22
505	11/14/2007 17:16	12.63	49.227	32.12	9.15	7.95	5.3	2.11
506	11/14/2007 17:31	12.59	49.211	32.11	9.07	7.94	5.1	1.99
507	11/14/2007 17:46	12.63	49.255	32.14	9.06	7.94	5.0	1.90
508	11/14/2007 18:01	12.68	49.251	32.14	9.03	7.94	6.4	1.76
509	11/14/2007 18:16	12.68	49.094	32.03	9.02	7.94	8.5	1.66
510	11/14/2007 18:31	12.68	49.081	32.02	8.96	7.93	6.7	1.54
511	11/14/2007 18:46	12.71	48.93	31.91	8.98	7.93	7.1	1.42
512	11/14/2007 19:01	12.73	48.872	31.87	8.98	7.93	7.3	1.31
513	11/14/2007 19:16	12.8	48.873	31.87	9.09	7.94	7.1	1.23
514	11/14/2007 19:31	12.81	48.757	31.79	9.05	7.93	5.3	1.14
515	11/14/2007 19:46	12.85	48.622	31.69	9.17	7.94	7.0	1.06
516	11/14/2007 20:01	12.88	48.81	31.83	9.19	7.94	7.2	1.02
517	11/14/2007 20:16	12.91	48.3	31.46	9.24	7.95	4.5	1.01
518	11/14/2007 20:31	12.91	48.446	31.57	9.16	7.94	2.3	0.99
519	11/14/2007 20:46	12.89	48.35	31.5	9.04	7.94	4.3	1.01
520	11/14/2007 21:01	12.88	48.54	31.63	9.28	7.95	3.4	1.04
521	11/14/2007 21:16	12.87	48.399	31.53	9.3	7.95	3.5	1.07
522	11/14/2007 21:31	12.83	48.339	31.49	9.36	7.96	3.5	1.11
523	11/14/2007 21:46	12.83	48.693	31.74	9.34	7.96	3.5	1.17
524	11/14/2007 22:01	12.82	48.337	31.48	9.29	7.95	4.2	1.23
525	11/14/2007 22:16	12.82	48.451	31.57	9.29	7.95	3.8	1.28
526	11/14/2007 22:31	12.82	47.552	30.92	9.05	7.91	5.1	1.34
527	11/14/2007 22:46	12.84	48.08	31.3	9.12	7.93	4.3	1.41
528	11/14/2007 23:01	12.84	48.132	31.34	9.07	7.93	4.5	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
529	11/14/2007 23:16	12.82	48.287	31.45	9.04	7.93	4.8	1.54
530	11/14/2007 23:31	12.82	48.161	31.36	9.07	7.93	4.9	1.63
531	11/14/2007 23:46	12.82	48.532	31.63	9.12	7.94	4.5	1.71
532	11/15/2007 00:01	12.81	48.698	31.75	9.09	7.93	4.0	1.79
533	11/15/2007 00:16	12.8	48.44	31.56	9.11	7.93	4.0	1.87
534	11/15/2007 00:31	12.79	48.992	31.96	9.01	7.93	4.5	1.95
535	11/15/2007 00:46	12.81	48.85	31.86	9	7.93	4.8	2.03
536	11/15/2007 01:01	12.81	48.959	31.94	8.99	7.93	4.9	2.11
537	11/15/2007 01:16	12.79	48.81	31.83	8.99	7.93	4.7	2.18
538	11/15/2007 01:31	12.77	49.05	32	8.99	7.93	4.4	2.24
539	11/15/2007 01:46	12.74	48.94	31.92	9.01	7.93	4.6	2.31
540	11/15/2007 02:01	12.7	49.069	32.01	8.99	7.93	4.5	2.38
541	11/15/2007 02:16	12.65	49.181	32.09	8.99	7.93	5.0	2.43
542	11/15/2007 02:31	12.62	49.157	32.07	8.97	7.93	4.3	2.49
543	11/15/2007 02:46	12.56	49.197	32.1	8.99	7.93	4.3	2.55
544	11/15/2007 03:01	12.54	49.282	32.16	8.98	7.93	4.6	2.59
545	11/15/2007 03:16	12.5	49.469	32.29	8.95	7.93	3.5	2.63
546	11/15/2007 03:31	12.47	49.408	32.25	8.92	7.93	2.8	2.66
547	11/15/2007 03:46	12.45	49.313	32.18	8.92	7.93	2.6	2.70
548	11/15/2007 04:01	12.38	49.445	32.27	8.83	7.93	2.5	2.72
549	11/15/2007 04:16	12.47	49.376	32.22	8.9	7.93	3.1	2.72
550	11/15/2007 04:31	12.39	49.43	32.26	8.82	7.93	4.2	2.73
551	11/15/2007 04:46	12.37	49.543	32.34	8.86	7.93	3.6	2.70
552	11/15/2007 05:01	12.41	49.298	32.16	8.87	7.93	3.9	2.67
553	11/15/2007 05:16	12.46	49.494	32.31	8.84	7.93	4.0	2.64
554	11/15/2007 05:31	12.55	49.224	32.12	8.76	7.92	3.5	2.60
555	11/15/2007 05:46	12.56	49.177	32.08	8.79	7.92	3.4	2.56
556	11/15/2007 06:01	12.56	49.221	32.12	8.72	7.92	3.3	2.51
557	11/15/2007 06:16	12.56	49.189	32.09	8.75	7.92	3.7	2.47
558	11/15/2007 06:31	12.58	49.291	32.17	8.66	7.91	4.0	2.43
559	11/15/2007 06:46	12.59	49.047	31.99	8.59	7.9	3.9	2.39
560	11/15/2007 07:01	12.6	49.199	32.1	8.59	7.9	4.3	2.34
561	11/15/2007 07:16	12.61	49.014	31.97	8.43	7.89	3.7	2.34
562	11/15/2007 07:31	12.62	49.131	32.05	8.4	7.89	2.9	2.33
563	11/15/2007 07:46	12.62	49.045	31.99	8.37	7.88	3.4	2.28
564	11/15/2007 08:01	12.65	49.081	32.02	8.16	7.88	1.6	2.30
565	11/15/2007 08:16	12.59	49.117	32.04	8.21	7.88	2.7	2.29
566	11/15/2007 08:31	12.58	49.028	31.98	8.13	7.87	2.6	2.28
567	11/15/2007 08:46	12.63	49.141	32.06	8.49	7.9	3.4	2.31
568	11/15/2007 09:01	12.68	49.157	32.07	8.6	7.91	3.1	2.32
569	11/15/2007 09:16	12.67	49.17	32.08	8.61	7.91	2.5	2.33
570	11/15/2007 09:31	12.68	49.096	32.03	8.68	7.91	3.2	2.37
571	11/15/2007 09:46	12.69	48.869	31.87	8.71	7.91	2.8	2.39
572	11/15/2007 10:01	12.68	48.921	31.9	8.71	7.91	3.0	2.43
573	11/15/2007 10:16	12.68	48.746	31.78	8.72	7.91	3.1	2.46
574	11/15/2007 10:31	12.64	48.812	31.82	8.68	7.91	2.6	2.49
575	11/15/2007 10:46	12.59	48.754	31.78	8.69	7.91	3.1	2.54
576	11/15/2007 11:01	12.56	49.043	31.99	8.69	7.91	3.0	2.57

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
577	11/15/2007 11:16	12.53	49.15	32.06	8.72	7.91	2.8	2.61
578	11/15/2007 11:31	12.52	49.449	32.28	8.72	7.92	2.7	2.66
579	11/15/2007 11:46	12.39	49.517	32.32	8.8	7.92	3.1	2.72
580	11/15/2007 12:01	12.34	49.624	32.4	8.83	7.93	2.7	2.75
581	11/15/2007 12:16	12.3	49.592	32.37	8.86	7.93	2.3	2.80
582	11/15/2007 12:31	12.3	49.648	32.41	8.91	7.94	2.6	2.84
583	11/15/2007 12:46	12.29	49.755	32.49	8.95	7.94	2.3	2.89
584	11/15/2007 13:01	12.26	49.742	32.48	8.98	7.94	2.4	2.92
585	11/15/2007 13:16	12.29	49.739	32.48	8.92	7.94	2.0	2.95
586	11/15/2007 13:31	12.3	49.659	32.42	8.93	7.94	1.8	2.99
587	11/15/2007 13:46	12.31	49.661	32.42	8.95	7.94	1.7	3.01
588	11/15/2007 14:01	12.3	49.699	32.45	8.8	7.94	1.0	3.02
589	11/15/2007 14:16	12.35	49.693	32.45	8.85	7.94	2.0	3.04
590	11/15/2007 14:31	12.33	49.673	32.43	8.74	7.93	2.0	3.04
591	11/15/2007 14:46	12.29	49.609	32.39	8.84	7.94	2.1	3.05
592	11/15/2007 15:01	12.26	49.724	32.47	8.87	7.94	2.4	3.00
593	11/15/2007 15:16	12.29	49.653	32.42	8.87	7.94	2.1	2.97
594	11/15/2007 15:31	12.43	49.477	32.3	8.88	7.94	2.5	2.93
595	11/15/2007 15:46	12.65	49.426	32.27	8.9	7.93	2.8	2.88
596	11/15/2007 16:01	12.55	49.532	32.34	8.86	7.93	2.5	2.82
597	11/15/2007 16:16	12.6	49.164	32.08	8.88	7.93	2.9	2.73
598	11/15/2007 16:31	12.63	49.386	32.24	8.89	7.93	3.0	2.68
599	11/15/2007 16:46	12.69	49.278	32.16	8.93	7.93	3.4	2.57
600	11/15/2007 17:01	12.74	49.327	32.2	8.91	7.93	3.4	2.49
601	11/15/2007 17:16	12.84	49.067	32.01	8.97	7.93	3.7	2.43
602	11/15/2007 17:31	12.86	48.994	31.96	8.96	7.93	4.6	2.30
603	11/15/2007 17:46	12.73	49.113	32.04	8.85	7.92	4.6	2.23
604	11/15/2007 18:01	12.71	49.129	32.05	8.81	7.92	4.0	2.13
605	11/15/2007 18:16	12.76	49.318	32.19	8.82	7.92	5.0	2.01
606	11/15/2007 18:31	12.8	49.004	31.97	8.78	7.92	5.1	1.92
607	11/15/2007 18:46	12.82	48.993	31.96	8.71	7.91	6.8	1.81
608	11/15/2007 19:01	12.84	49.049	32	8.68	7.91	6.4	1.70
609	11/15/2007 19:16	12.9	48.937	31.92	8.69	7.91	5.8	1.59
610	11/15/2007 19:31	12.9	48.855	31.86	8.62	7.9	6.3	1.49
611	11/15/2007 19:46	12.94	48.688	31.74	8.59	7.9	6.2	1.41
612	11/15/2007 20:01	12.96	48.408	31.54	8.59	7.9	5.7	1.32
613	11/15/2007 20:16	12.98	48.36	31.51	8.59	7.89	5.1	1.23
614	11/15/2007 20:31	13.02	48.651	31.72	8.62	7.9	4.5	1.19
615	11/15/2007 20:46	13.03	48.645	31.72	8.59	7.89	4.5	1.14
616	11/15/2007 21:01	13.06	48.556	31.65	8.58	7.89	4.0	1.09
617	11/15/2007 21:16	13.06	48.5	31.61	8.33	7.88	2.0	1.10
618	11/15/2007 21:31	13.03	48.508	31.62	8.35	7.88	1.7	1.13
619	11/15/2007 21:46	13.02	48.485	31.6	8.52	7.89	2.3	1.11
620	11/15/2007 22:01	13	48.558	31.65	8.58	7.9	2.6	1.18
621	11/15/2007 22:16	12.99	48.536	31.64	8.7	7.9	4.0	1.21
622	11/15/2007 22:31	12.99	48.613	31.69	8.65	7.91	3.6	1.24
623	11/15/2007 22:46	12.98	48.235	31.42	8.67	7.9	4.0	1.33
624	11/15/2007 23:01	12.97	48.25	31.43	8.67	7.9	4.5	1.38

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
625	11/15/2007 23:16	12.95	47.686	31.02	8.5	7.87	4.2	1.40
626	11/15/2007 23:31	12.98	47.824	31.12	8.59	7.88	4.0	1.50
627	11/15/2007 23:46	12.99	48.013	31.26	8.59	7.89	4.4	1.55
628	11/16/2007 00:01	12.97	47.605	30.96	8.56	7.88	4.6	1.61
629	11/16/2007 00:16	12.95	47.906	31.18	8.54	7.88	4.1	1.68
630	11/16/2007 00:31	12.94	48.005	31.25	8.6	7.89	4.0	1.76
631	11/16/2007 00:46	12.92	48.253	31.43	8.68	7.89	4.2	1.85
632	11/16/2007 01:01	12.91	48.655	31.72	8.68	7.9	3.4	1.90
633	11/16/2007 01:16	12.86	48.656	31.72	8.7	7.9	3.9	2.00
634	11/16/2007 01:31	12.86	48.741	31.78	8.72	7.91	4.0	2.06
635	11/16/2007 01:46	12.86	48.809	31.83	8.73	7.91	3.7	2.14
636	11/16/2007 02:01	12.83	49.005	31.97	8.75	7.91	3.7	2.22
637	11/16/2007 02:16	12.81	48.574	31.66	8.77	7.91	3.5	2.29
638	11/16/2007 02:31	12.78	48.929	31.91	8.76	7.91	4.0	2.35
639	11/16/2007 02:46	12.74	48.898	31.89	8.78	7.91	3.7	2.41
640	11/16/2007 03:01	12.71	48.959	31.93	8.78	7.92	3.7	2.47
641	11/16/2007 03:16	12.67	49.179	32.09	8.77	7.92	3.6	2.52
642	11/16/2007 03:31	12.62	49.278	32.16	8.77	7.92	3.6	2.57
643	11/16/2007 03:46	12.56	49.209	32.11	8.8	7.92	4.0	2.62
644	11/16/2007 04:01	12.52	49.34	32.2	8.79	7.92	3.4	2.65
645	11/16/2007 04:16	12.49	49.173	32.08	8.76	7.92	3.4	2.69
646	11/16/2007 04:31	12.46	49.233	32.12	8.73	7.92	2.9	2.72
647	11/16/2007 04:46	12.39	49.435	32.26	8.73	7.92	2.7	2.76
648	11/16/2007 05:01	12.36	49.428	32.26	8.62	7.92	1.7	2.77
649	11/16/2007 05:16	12.42	49.528	32.33	8.68	7.92	2.9	2.77
650	11/16/2007 05:31	12.38	49.177	32.08	8.67	7.92	3.7	2.79
651	11/16/2007 05:46	12.38	49.416	32.25	8.7	7.92	3.3	2.74
652	11/16/2007 06:01	12.55	49.202	32.1	8.51	7.9	4.4	2.71
653	11/16/2007 06:16	12.58	48.998	31.95	8.56	7.91	3.5	2.67
654	11/16/2007 06:31	12.63	48.952	31.92	8.43	7.89	3.5	2.63
655	11/16/2007 06:46	12.6	49.224	32.12	8.53	7.9	3.4	2.58
656	11/16/2007 07:01	12.58	48.965	31.93	8.59	7.91	3.6	2.54
657	11/16/2007 07:16	12.59	49.192	32.1	8.52	7.9	3.7	2.49
658	11/16/2007 07:31	12.62	49.124	32.05	8.48	7.9	3.5	2.44
659	11/16/2007 07:46	12.64	49.075	32.01	8.41	7.89	3.4	2.40
660	11/16/2007 08:01	12.65	48.984	31.95	8.23	7.87	3.2	2.38
661	11/16/2007 08:16	12.68	48.964	31.93	8.31	7.89	2.7	2.33
662	11/16/2007 08:31	12.69	48.956	31.93	8.26	7.88	2.9	2.32
663	11/16/2007 08:46	12.7	48.972	31.94	7.91	7.85	1.2	2.31
664	11/16/2007 09:01	12.71	48.928	31.91	8.11	7.87	2.6	2.27
665	11/16/2007 09:16	12.73	48.901	31.89	8.05	7.87	2.3	2.28
666	11/16/2007 09:31	12.7	48.962	31.93	8.13	7.87	2.6	2.28
667	11/16/2007 09:46	12.72	48.839	31.84	8.26	7.88	2.8	2.29
668	11/16/2007 10:01	12.75	48.893	31.88	8.33	7.89	2.8	2.29
669	11/16/2007 10:16	12.71	48.858	31.86	8.32	7.88	2.7	2.32
670	11/16/2007 10:31	12.74	49.015	31.97	8.38	7.89	2.9	2.35
671	11/16/2007 10:46	12.76	49.065	32.01	8.42	7.89	2.6	2.37
672	11/16/2007 11:01	12.74	48.805	31.82	8.51	7.89	2.9	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
673	11/16/2007 11:16	12.74	48.801	31.82	8.53	7.9	3.2	2.43
674	11/16/2007 11:31	12.69	48.828	31.84	8.52	7.89	3.1	2.49
675	11/16/2007 11:46	12.69	48.925	31.91	8.51	7.89	3.1	2.51
676	11/16/2007 12:01	12.65	49.095	32.03	8.51	7.89	2.9	2.56
677	11/16/2007 12:16	12.59	49.235	32.13	8.51	7.9	2.6	2.60
678	11/16/2007 12:31	12.57	49.272	32.15	8.57	7.9	2.6	2.63
679	11/16/2007 12:46	12.39	48.856	31.84	8.65	7.91	2.6	2.68
680	11/16/2007 13:01	12.37	49.327	32.18	8.63	7.92	2.4	2.71
681	11/16/2007 13:16	12.36	49.284	32.15	8.69	7.92	2.6	2.77
682	11/16/2007 13:31	12.36	49.513	32.32	8.7	7.92	2.0	2.79
683	11/16/2007 13:46	12.35	49.611	32.39	8.74	7.93	2.1	2.83
684	11/16/2007 14:01	12.3	49.417	32.25	8.68	7.93	2.0	2.86
685	11/16/2007 14:16	12.31	49.605	32.38	8.63	7.92	1.6	2.90
686	11/16/2007 14:31	12.29	49.365	32.21	8.64	7.92	1.8	2.92
687	11/16/2007 14:46	12.3	49.339	32.19	8.61	7.92	1.7	2.95
688	11/16/2007 15:01	12.3	49.669	32.43	8.52	7.92	1.4	2.95
689	11/16/2007 15:16	12.32	49.585	32.37	8.59	7.92	2.7	2.95
690	11/16/2007 15:31	12.29	49.681	32.44	8.59	7.92	2.3	2.96
691	11/16/2007 15:46	12.29	49.466	32.28	8.58	7.92	1.6	2.96
692	11/16/2007 16:01	12.33	49.574	32.36	8.62	7.92	2.2	2.93
693	11/16/2007 16:16	12.35	49.506	32.31	8.65	7.92	2.4	2.89
694	11/16/2007 16:31	12.36	49.514	32.32	8.64	7.92	2.4	2.85
695	11/16/2007 16:46	12.46	49.337	32.2	8.55	7.91	2.1	2.79
696	11/16/2007 17:01	12.49	49.166	32.07	8.64	7.91	3.4	2.72
697	11/16/2007 17:16	12.52	49.375	32.23	8.59	7.91	2.4	2.66
698	11/16/2007 17:31	12.59	49.063	32	8.57	7.91	3.2	2.58
699	11/16/2007 17:46	12.7	48.924	31.91	8.53	7.9	3.3	2.50
700	11/16/2007 18:01	12.74	48.92	31.9	8.53	7.9	3.1	2.43
701	11/16/2007 18:16	12.8	49.081	32.02	8.52	7.9	4.0	2.33
702	11/16/2007 18:31	12.83	48.755	31.79	8.47	7.9	3.4	2.25
703	11/16/2007 18:46	12.75	48.827	31.84	8.46	7.89	4.3	2.17
704	11/16/2007 19:01	12.77	48.778	31.8	8.42	7.89	4.5	2.07
705	11/16/2007 19:16	12.81	48.902	31.89	8.38	7.89	5.2	1.97
706	11/16/2007 19:31	12.83	48.78	31.81	8.33	7.88	4.8	1.89
707	11/16/2007 19:46	12.86	48.641	31.71	8.3	7.88	5.1	1.80
708	11/16/2007 20:01	12.91	48.671	31.73	8.2	7.87	5.4	1.69
709	11/16/2007 20:16	12.94	48.66	31.72	8.13	7.86	4.8	1.60
710	11/16/2007 20:31	12.96	48.54	31.64	8.06	7.85	5.0	1.53
711	11/16/2007 20:46	12.98	48.481	31.59	7.97	7.84	4.2	1.46
712	11/16/2007 21:01	12.99	48.108	31.33	7.87	7.83	5.8	1.37
713	11/16/2007 21:16	13	48.231	31.41	7.83	7.82	4.9	1.30
714	11/16/2007 21:31	13.01	48.021	31.26	7.78	7.81	4.2	1.28
715	11/16/2007 21:46	13.02	48.092	31.31	7.77	7.82	3.4	1.26
716	11/16/2007 22:01	13.02	48.245	31.43	7.57	7.8	2.6	1.22
717	11/16/2007 22:16	13.02	48.201	31.39	7.64	7.81	3.9	1.23
718	11/16/2007 22:31	13	48.201	31.39	7.8	7.83	3.2	1.21
719	11/16/2007 22:46	13	48.291	31.46	7.86	7.83	3.4	1.26
720	11/16/2007 23:01	12.99	48.312	31.47	7.87	7.83	3.7	1.28

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
721	11/16/2007 23:16	13	48.26	31.44	7.93	7.84	3.8	1.32
722	11/16/2007 23:31	13	48.261	31.44	7.92	7.84	4.3	1.38
723	11/16/2007 23:46	12.99	48.259	31.43	7.94	7.84	4.0	1.41
724	11/17/2007 00:01	12.98	48.26	31.43	7.94	7.84	3.0	1.48
725	11/17/2007 00:16	12.98	47.888	31.17	7.93	7.83	4.2	1.52
726	11/17/2007 00:31	12.98	47.614	30.97	7.95	7.83	3.7	1.58
727	11/17/2007 00:46	12.96	47.77	31.08	8.06	7.84	4.4	1.67
728	11/17/2007 01:01	12.95	47.997	31.24	8.06	7.85	3.7	1.71
729	11/17/2007 01:16	12.95	47.906	31.18	8.05	7.84	3.7	1.79
730	11/17/2007 01:31	12.91	48.102	31.32	8.15	7.86	3.6	1.88
731	11/17/2007 01:46	12.88	48.283	31.45	8.2	7.86	4.0	1.95
732	11/17/2007 02:01	12.87	48.324	31.48	8.23	7.86	3.5	2.00
733	11/17/2007 02:16	12.87	48.486	31.59	8.31	7.87	3.4	2.09
734	11/17/2007 02:31	12.87	48.612	31.69	8.35	7.88	3.7	2.17
735	11/17/2007 02:46	12.86	48.78	31.81	8.36	7.88	3.5	2.24
736	11/17/2007 03:01	12.84	48.965	31.94	8.37	7.88	3.5	2.30
737	11/17/2007 03:16	12.81	48.88	31.88	8.39	7.89	4.1	2.38
738	11/17/2007 03:31	12.75	48.649	31.71	8.42	7.89	3.8	2.43
739	11/17/2007 03:46	12.7	49.02	31.98	8.42	7.89	3.9	2.50
740	11/17/2007 04:01	12.66	49.059	32	8.43	7.89	3.8	2.56
741	11/17/2007 04:16	12.58	48.961	31.93	8.49	7.9	4.4	2.62
742	11/17/2007 04:31	12.55	49.202	32.1	8.49	7.9	4.1	2.65
743	11/17/2007 04:46	12.5	49.271	32.15	8.52	7.9	3.7	2.74
744	11/17/2007 05:01	12.46	49.439	32.27	8.53	7.91	3.8	2.77
745	11/17/2007 05:16	12.45	49.085	32.01	8.52	7.91	3.5	2.80
746	11/17/2007 05:31	12.39	49.382	32.22	8.55	7.91	2.8	2.83
747	11/17/2007 05:46	12.36	49.343	32.2	8.52	7.91	2.3	2.84
748	11/17/2007 06:01	12.38	49.302	32.17	8.51	7.9	2.6	2.87
749	11/17/2007 06:16	12.38	49.453	32.28	8.5	7.9	3.5	2.87
750	11/17/2007 06:31	12.38	49.416	32.25	8.54	7.9	3.9	2.85
751	11/17/2007 06:46	12.4	49.416	32.25	8.5	7.9	5.6	2.82
752	11/17/2007 07:01	12.54	49.324	32.19	8.37	7.89	3.7	2.79
753	11/17/2007 07:16	12.6	49.265	32.15	8.26	7.89	3.3	2.75
754	11/17/2007 07:31	12.57	49.289	32.16	8.34	7.89	4.5	2.70
755	11/17/2007 07:46	12.55	49.145	32.06	8.36	7.89	3.4	2.63
756	11/17/2007 08:01	12.62	49.026	31.98	8.25	7.88	3.0	2.58
757	11/17/2007 08:16	12.64	49.154	32.07	8.17	7.88	3.2	2.57
758	11/17/2007 08:31	12.69	49.073	32.01	8.1	7.87	3.4	2.51
759	11/17/2007 08:46	12.72	48.936	31.91	8.08	7.86	3.0	2.45
760	11/17/2007 09:01	12.75	48.737	31.77	8.03	7.86	2.3	2.41
761	11/17/2007 09:16	12.76	48.784	31.81	8.08	7.87	3.1	2.38
762	11/17/2007 09:31	12.8	48.852	31.86	8.07	7.86	2.9	2.34
763	11/17/2007 09:46	12.84	48.854	31.86	8.03	7.86	3.0	2.32
764	11/17/2007 10:01	12.87	48.972	31.95	8.09	7.86	3.0	2.29
765	11/17/2007 10:16	12.92	48.503	31.61	8.13	7.86	2.9	2.24
766	11/17/2007 10:31	12.97	48.464	31.58	8.08	7.85	2.4	2.25
767	11/17/2007 10:46	12.99	48.527	31.63	7.75	7.83	1.4	2.25
768	11/17/2007 11:01	13.01	48.756	31.8	7.53	7.82	1.9	2.23

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
769	11/17/2007 11:16	12.97	48.757	31.79	7.87	7.85	2.4	2.25
770	11/17/2007 11:31	12.96	48.847	31.86	8	7.85	2.5	2.25
771	11/17/2007 11:46	12.94	48.516	31.62	7.99	7.85	2.4	2.25
772	11/17/2007 12:01	12.98	48.697	31.75	8.09	7.86	2.9	2.27
773	11/17/2007 12:16	12.96	49.032	31.99	8.12	7.86	3.1	2.32
774	11/17/2007 12:31	13	48.947	31.93	8.18	7.87	2.8	2.35
775	11/17/2007 12:46	13.04	48.691	31.75	8.26	7.87	3.1	2.35
776	11/17/2007 13:01	13.03	48.761	31.8	8.2	7.86	3.0	2.40
777	11/17/2007 13:16	12.94	48.747	31.79	8.22	7.87	2.9	2.45
778	11/17/2007 13:31	12.87	48.865	31.87	8.22	7.87	2.9	2.46
779	11/17/2007 13:46	12.8	48.976	31.95	8.23	7.87	2.9	2.52
780	11/17/2007 14:01	12.74	48.929	31.91	8.28	7.88	2.5	2.56
781	11/17/2007 14:16	12.68	48.957	31.93	8.33	7.88	2.7	2.61
782	11/17/2007 14:31	12.55	49.085	32.02	8.47	7.89	2.5	2.64
783	11/17/2007 14:46	12.53	49.117	32.04	8.52	7.9	2.6	2.68
784	11/17/2007 15:01	12.53	49.307	32.18	8.53	7.9	2.3	2.73
785	11/17/2007 15:16	12.51	49.11	32.03	8.52	7.9	2.3	2.77
786	11/17/2007 15:31	12.48	49.289	32.16	8.53	7.9	2.0	2.80
787	11/17/2007 15:46	12.46	49.192	32.09	8.51	7.9	2.0	2.83
788	11/17/2007 16:01	12.47	49.161	32.07	8.42	7.89	2.0	2.85
789	11/17/2007 16:16	12.46	49.246	32.13	8.28	7.89	1.1	2.87
790	11/17/2007 16:31	12.47	49.111	32.03	8.51	7.89	2.1	2.88
791	11/17/2007 16:46	12.47	49.426	32.26	8.47	7.9	2.5	2.86
792	11/17/2007 17:01	12.44	49.327	32.19	8.53	7.89	2.6	2.83
793	11/17/2007 17:16	12.46	49.447	32.28	8.48	7.9	3.5	2.83
794	11/17/2007 17:31	12.49	49.107	32.03	8.45	7.9	2.8	2.79
795	11/17/2007 17:46	12.54	49.09	32.02	8.51	7.9	3.0	2.73
796	11/17/2007 18:01	12.64	49.038	31.99	8.4	7.89	3.9	2.68
797	11/17/2007 18:16	12.72	49.164	32.08	8.34	7.89	3.3	2.63
798	11/17/2007 18:31	12.93	49.08	32.03	8.26	7.89	2.8	2.56
799	11/17/2007 18:46	12.9	48.996	31.97	8.31	7.88	3.2	2.50
800	11/17/2007 19:01	12.99	48.897	31.9	8.3	7.88	3.7	2.43
801	11/17/2007 19:16	13.06	48.808	31.84	8.34	7.88	4.3	2.34
802	11/17/2007 19:31	13.14	48.758	31.8	8.34	7.88	4.2	2.24
803	11/17/2007 19:46	13.13	48.654	31.73	8.32	7.88	4.8	2.18
804	11/17/2007 20:01	13.03	48.633	31.71	8.21	7.87	4.3	2.10
805	11/17/2007 20:16	13.05	48.729	31.78	8.16	7.87	5.4	1.98
806	11/17/2007 20:31	13.1	48.651	31.72	8.14	7.86	5.5	1.92
807	11/17/2007 20:46	13.17	48.638	31.72	8.11	7.86	5.5	1.83
808	11/17/2007 21:01	13.22	48.511	31.63	8.1	7.85	5.7	1.75
809	11/17/2007 21:16	13.31	48.214	31.41	8.13	7.85	5.1	1.65
810	11/17/2007 21:31	13.37	48.25	31.44	8.09	7.85	4.7	1.57
811	11/17/2007 21:46	13.38	48.078	31.32	8.04	7.84	4.4	1.55
812	11/17/2007 22:01	13.38	48.126	31.35	7.98	7.83	4.5	1.45
813	11/17/2007 22:16	13.4	48.04	31.29	7.93	7.83	5.1	1.40
814	11/17/2007 22:31	13.42	48.129	31.36	7.89	7.82	3.1	1.35
815	11/17/2007 22:46	13.42	47.913	31.2	7.75	7.82	2.2	1.34
816	11/17/2007 23:01	13.43	48.073	31.32	7.65	7.81	1.8	1.32

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
817	11/17/2007 23:16	13.4	48.1	31.33	7.67	7.82	4.1	1.31
818	11/17/2007 23:31	13.38	48.116	31.34	7.86	7.84	2.9	1.30
819	11/17/2007 23:46	13.36	48.162	31.38	7.88	7.84	3.9	1.34
820	11/18/2007 00:01	13.35	48.178	31.39	7.97	7.84	4.3	1.38
821	11/18/2007 00:16	13.36	48.212	31.41	8.01	7.84	3.2	1.40
822	11/18/2007 00:31	13.37	48.127	31.35	8.06	7.84	3.1	1.46
823	11/18/2007 00:46	13.37	48.05	31.3	8.03	7.84	3.8	1.52
824	11/18/2007 01:01	13.35	48.136	31.36	8.05	7.84	3.6	1.58
825	11/18/2007 01:16	13.37	48.196	31.4	8.02	7.84	4.0	1.64
826	11/18/2007 01:31	13.32	48.158	31.37	8.03	7.84	3.9	1.72
827	11/18/2007 01:46	13.3	48.177	31.39	8.04	7.84	3.4	1.80
828	11/18/2007 02:01	13.29	48.29	31.47	8.06	7.84	3.4	1.85
829	11/18/2007 02:16	13.25	48.451	31.58	8.06	7.85	3.7	1.93
830	11/18/2007 02:31	13.22	48.321	31.49	8.07	7.85	3.6	2.01
831	11/18/2007 02:46	13.15	48.505	31.62	8.09	7.85	3.4	2.07
832	11/18/2007 03:01	13.11	48.429	31.56	8.13	7.86	4.3	2.15
833	11/18/2007 03:16	13.05	48.602	31.69	8.15	7.86	4.5	2.21
834	11/18/2007 03:31	13.02	48.824	31.85	8.18	7.86	4.5	2.29
835	11/18/2007 03:46	12.99	48.74	31.78	8.19	7.87	5.1	2.36
836	11/18/2007 04:01	12.93	48.932	31.92	8.22	7.87	3.9	2.43
837	11/18/2007 04:16	12.86	48.816	31.83	8.26	7.87	5.3	2.51
838	11/18/2007 04:31	12.82	48.721	31.76	8.28	7.87	5.2	2.58
839	11/18/2007 04:46	12.7	48.837	31.84	8.39	7.88	5.9	2.65
840	11/18/2007 05:01	12.62	49.108	32.04	8.46	7.89	5.7	2.72
841	11/18/2007 05:16	12.57	49.278	32.16	8.5	7.89	5.4	2.77
842	11/18/2007 05:31	12.49	49.381	32.23	8.57	7.9	5.1	2.83
843	11/18/2007 05:46	12.45	49.521	32.33	8.6	7.9	4.5	2.89
844	11/18/2007 06:01	12.42	49.473	32.29	8.62	7.9	3.7	2.92
845	11/18/2007 06:16	12.4	49.6	32.38	8.61	7.9	4.1	2.95
846	11/18/2007 06:31	12.39	49.432	32.26	8.6	7.9	3.7	2.98
847	11/18/2007 06:46	12.48	49.315	32.18	8.56	7.89	3.4	3.00
848	11/18/2007 07:01	12.41	49.278	32.15	8.62	7.9	4.5	2.98
849	11/18/2007 07:16	12.39	49.493	32.31	8.66	7.9	4.2	2.96
850	11/18/2007 07:31	12.41	49.528	32.33	8.62	7.9	4.3	2.94
851	11/18/2007 07:46	12.63	49.32	32.19	8.36	7.88	4.8	2.89
852	11/18/2007 08:01	12.75	49.05	32	8.22	7.86	3.7	2.84
853	11/18/2007 08:16	12.69	49.185	32.09	8.25	7.88	3.9	2.78
854	11/18/2007 08:31	12.72	49.229	32.13	8.24	7.87	4.6	2.71
855	11/18/2007 08:46	12.78	49.126	32.06	8.16	7.86	4.2	2.66
856	11/18/2007 09:01	12.85	49.105	32.04	8.09	7.85	3.2	2.60
857	11/18/2007 09:16	12.87	49.06	32.01	8.1	7.85	3.8	2.54
858	11/18/2007 09:31	12.91	49.08	32.03	8.07	7.85	3.7	2.49
859	11/18/2007 09:46	12.95	48.951	31.93	8.05	7.85	3.5	2.42
860	11/18/2007 10:01	12.97	48.965	31.95	8.01	7.85	3.5	2.38
861	11/18/2007 10:16	13.02	48.938	31.93	7.95	7.84	3.1	2.33
862	11/18/2007 10:31	13.08	48.876	31.88	8.06	7.85	3.1	2.27
863	11/18/2007 10:46	13.11	48.903	31.91	8.14	7.86	3.1	2.23
864	11/18/2007 11:01	13.16	48.562	31.66	8.1	7.85	2.8	2.19

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
865	11/18/2007 11:16	13.23	48.656	31.73	8.06	7.85	2.9	2.16
866	11/18/2007 11:31	13.31	48.585	31.68	8.08	7.85	2.6	2.13
867	11/18/2007 11:46	13.36	48.52	31.64	8	7.84	2.1	2.10
868	11/18/2007 12:01	13.4	48.43	31.57	8.01	7.84	1.8	2.06
869	11/18/2007 12:16	13.42	48.367	31.53	7.6	7.81	1.0	2.06
870	11/18/2007 12:31	13.43	48.468	31.6	7.78	7.83	1.8	2.05
871	11/18/2007 12:46	13.49	48.45	31.59	7.92	7.84	2.3	2.06
872	11/18/2007 13:01	13.3	48.553	31.66	7.99	7.84	2.6	2.09
873	11/18/2007 13:16	13.41	48.613	31.71	8.08	7.85	2.9	2.10
874	11/18/2007 13:31	13.41	48.7	31.77	8.11	7.85	2.9	2.12
875	11/18/2007 13:46	13.45	48.085	31.32	8.17	7.85	3.9	2.17
876	11/18/2007 14:01	13.45	48.452	31.59	8.06	7.84	4.1	2.22
877	11/18/2007 14:16	13.41	48.508	31.63	8.1	7.85	3.4	2.26
878	11/18/2007 14:31	13.3	48.469	31.6	8.08	7.85	3.1	2.30
879	11/18/2007 14:46	13.27	48.665	31.74	8.1	7.85	3.1	2.36
880	11/18/2007 15:01	13.24	48.878	31.89	8.14	7.85	3.0	2.39
881	11/18/2007 15:16	13.12	48.844	31.86	8.15	7.86	3.0	2.44
882	11/18/2007 15:31	13.06	48.716	31.77	8.19	7.86	2.8	2.49
883	11/18/2007 15:46	13.01	49.127	32.07	8.28	7.87	2.9	2.54
884	11/18/2007 16:01	12.99	49.187	32.11	8.32	7.88	2.6	2.58
885	11/18/2007 16:16	12.97	49.039	32	8.32	7.88	2.1	2.61
886	11/18/2007 16:31	12.91	49.232	32.14	8.34	7.88	2.4	2.67
887	11/18/2007 16:46	12.87	49.188	32.1	8.35	7.88	2.1	2.70
888	11/18/2007 17:01	12.86	49.226	32.13	8.34	7.88	1.8	2.72
889	11/18/2007 17:16	12.85	49.142	32.07	8.27	7.88	1.7	2.75
890	11/18/2007 17:31	12.84	49.104	32.04	8.27	7.88	1.9	2.77
891	11/18/2007 17:46	12.82	49.121	32.05	8.1	7.86	0.9	2.79
892	11/18/2007 18:01	12.8	49.251	32.15	8.34	7.88	2.5	2.79
893	11/18/2007 18:16	12.8	49.056	32.01	8.35	7.88	2.8	2.78
894	11/18/2007 18:31	12.79	49.21	32.12	8.38	7.88	2.8	2.77
895	11/18/2007 18:46	12.81	49.239	32.14	8.32	7.88	2.8	2.73
896	11/18/2007 19:01	12.87	49.209	32.12	8.26	7.87	2.8	2.68
897	11/18/2007 19:16	12.95	48.933	31.92	8.24	7.87	2.9	2.63
898	11/18/2007 19:31	12.98	49.061	32.02	8.21	7.87	3.2	2.56
899	11/18/2007 19:46	13.06	48.748	31.79	8.17	7.86	3.6	2.51
900	11/18/2007 20:01	13.15	48.839	31.86	8.19	7.86	3.5	2.42
901	11/18/2007 20:16	13.26	48.738	31.79	8.19	7.86	4.2	2.34
902	11/18/2007 20:31	13.41	48.711	31.78	8.18	7.86	4.6	2.28
903	11/18/2007 20:46	13.44	48.639	31.73	8.17	7.86	4.8	2.21
904	11/18/2007 21:01	13.55	48.75	31.81	8.15	7.86	6.9	2.11
905	11/18/2007 21:16	13.48	48.84	31.87	8.1	7.85	7.9	2.04
906	11/18/2007 21:31	13.36	48.639	31.72	8.06	7.85	8.3	1.96
907	11/18/2007 21:46	13.46	48.467	31.6	8.02	7.84	6.4	1.87
908	11/18/2007 22:01	13.56	48.332	31.51	8.06	7.85	6.1	1.80
909	11/18/2007 22:16	13.65	48.28	31.47	8.1	7.85	5.6	1.73
910	11/18/2007 22:31	13.73	48.286	31.48	8.08	7.85	5.8	1.66
911	11/18/2007 22:46	13.75	48.197	31.42	8.11	7.85	5.8	1.61
912	11/18/2007 23:01	13.69	48.336	31.51	8.09	7.85	5.0	1.54

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
913	11/18/2007 23:16	13.64	48.251	31.45	8.03	7.85	5.2	1.48
914	11/18/2007 23:31	13.65	48.218	31.43	8	7.85	6.3	1.44
915	11/18/2007 23:46	13.67	48.238	31.44	8.01	7.85	6.2	1.40
916	11/19/2007 00:01	13.67	48.007	31.28	7.88	7.84	3.7	1.38
917	11/19/2007 00:16	13.67	48.182	31.4	7.85	7.85	5.5	1.37
918	11/19/2007 00:31	13.66	48.106	31.35	8	7.85	5.0	1.37
919	11/19/2007 00:46	13.66	48.216	31.43	8.09	7.85	5.5	1.41
920	11/19/2007 01:01	13.62	48.129	31.36	8.1	7.85	6.2	1.44
921	11/19/2007 01:16	13.71	48.09	31.34	8.17	7.86	5.7	1.48
922	11/19/2007 01:31	13.62	47.962	31.24	8.17	7.86	6.8	1.56
923	11/19/2007 01:46	13.67	48.031	31.29	8.17	7.86	5.7	1.63
924	11/19/2007 02:01	13.61	48.15	31.38	8.08	7.85	5.5	1.68
925	11/19/2007 02:16	13.57	47.78	31.11	8.07	7.84	5.6	1.76
926	11/19/2007 02:31	13.59	47.791	31.12	8.03	7.84	5.7	1.85
927	11/19/2007 02:46	13.59	47.631	31	7.99	7.84	5.0	1.92
928	11/19/2007 03:01	13.55	47.938	31.22	7.98	7.84	4.6	1.98
929	11/19/2007 03:16	13.49	47.667	31.02	8	7.84	5.5	2.07
930	11/19/2007 03:31	13.41	47.9	31.19	8.02	7.84	5.1	2.14
931	11/19/2007 03:46	13.3	47.712	31.05	8.09	7.84	5.1	2.23
932	11/19/2007 04:01	13.24	48.029	31.28	8.11	7.85	5.0	2.30
933	11/19/2007 04:16	13.23	48.309	31.48	8.1	7.85	5.2	2.37
934	11/19/2007 04:31	13.19	48.177	31.38	8.14	7.85	5.4	2.45
935	11/19/2007 04:46	13.13	48.549	31.65	8.15	7.85	5.8	2.53
936	11/19/2007 05:01	13.03	48.448	31.57	8.2	7.86	7.2	2.61
937	11/19/2007 05:16	12.98	48.814	31.84	8.23	7.86	6.7	2.69
938	11/19/2007 05:31	12.86	48.961	31.94	8.3	7.87	7.4	2.77
939	11/19/2007 05:46	12.72	48.765	31.79	8.44	7.88	6.8	2.85
940	11/19/2007 06:01	12.64	48.95	31.92	8.48	7.89	6.7	2.93
941	11/19/2007 06:16	12.58	48.862	31.86	8.52	7.9	5.7	2.97
942	11/19/2007 06:31	12.53	49.027	31.97	8.56	7.9	6.0	3.04
943	11/19/2007 06:46	12.5	48.97	31.93	8.56	7.91	4.5	3.07
944	11/19/2007 07:01	12.48	49.145	32.06	8.56	7.91	3.8	3.11
945	11/19/2007 07:16	12.57	48.652	31.7	8.47	7.89	3.7	3.12
946	11/19/2007 07:31	12.5	49.148	32.06	8.52	7.9	3.3	3.14
947	11/19/2007 07:46	12.5	49.181	32.08	8.53	7.9	4.5	3.10
948	11/19/2007 08:01	12.49	49.203	32.1	8.54	7.9	5.6	3.08
949	11/19/2007 08:16	12.52	48.927	31.9	8.42	7.89	7.0	3.04
950	11/19/2007 08:31	12.55	48.993	31.95	8.29	7.88	7.5	2.96
951	11/19/2007 08:46	12.56	48.9	31.88	8.36	7.88	6.8	2.91
952	11/19/2007 09:01	12.56	49.134	32.05	8.46	7.89	6.2	2.83
953	11/19/2007 09:16	12.72	48.912	31.9	8.35	7.88	6.1	2.76
954	11/19/2007 09:31	12.74	48.9	31.89	8.43	7.88	6.2	2.68
955	11/19/2007 09:46	12.83	48.575	31.66	8.38	7.88	5.1	2.59
956	11/19/2007 10:01	12.96	48.495	31.6	8.21	7.86	5.9	2.53
957	11/19/2007 10:16	13.04	48.645	31.72	8.12	7.85	5.3	2.44
958	11/19/2007 10:31	13.06	48.597	31.68	8.3	7.87	4.2	2.37
959	11/19/2007 10:46	13.09	48.46	31.58	8.31	7.87	4.5	2.30
960	11/19/2007 11:01	13.19	48.427	31.56	8.31	7.87	4.3	2.21

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
961	11/19/2007 11:16	13.3	48.28	31.46	8.33	7.87	5.0	2.14
962	11/19/2007 11:31	13.38	47.86	31.16	8.33	7.86	5.5	2.05
963	11/19/2007 11:46	13.45	47.647	31.01	8.4	7.87	5.4	1.98
964	11/19/2007 12:01	13.49	47.921	31.21	8.33	7.87	5.7	1.92
965	11/19/2007 12:16	13.51	47.84	31.15	8.43	7.87	5.7	1.84
966	11/19/2007 12:31	13.55	47.635	31	8.42	7.87	5.2	1.80
967	11/19/2007 12:46	13.59	47.835	31.15	8.39	7.87	5.6	1.74
968	11/19/2007 13:01	13.61	47.706	31.06	8.36	7.87	5.1	1.73
969	11/19/2007 13:16	13.64	47.693	31.05	8.34	7.87	5.3	1.70
970	11/19/2007 13:31	13.67	47.453	30.87	8.3	7.87	5.1	1.69
971	11/19/2007 13:46	13.68	47.653	31.02	8.12	7.86	3.6	1.72
972	11/19/2007 14:01	13.7	47.69	31.05	8.29	7.87	4.6	1.74
973	11/19/2007 14:16	13.65	47.822	31.14	8.31	7.87	4.5	1.78
974	11/19/2007 14:31	13.6	47.902	31.2	8.27	7.86	4.2	1.82
975	11/19/2007 14:46	13.61	47.711	31.06	8.27	7.86	5.1	1.88
976	11/19/2007 15:01	13.53	47.154	30.65	8.25	7.85	5.7	1.95
977	11/19/2007 15:16	13.52	47.054	30.58	8.19	7.85	5.6	1.99
978	11/19/2007 15:31	13.5	47.453	30.87	8.12	7.85	3.8	2.06
979	11/19/2007 15:46	13.46	47.443	30.86	8.1	7.84	3.9	2.13
980	11/19/2007 16:01	13.43	47.586	30.96	8.11	7.84	4.0	2.18
981	11/19/2007 16:16	13.37	47.583	30.96	8.03	7.84	3.4	2.23
982	11/19/2007 16:31	13.3	47.823	31.13	7.99	7.84	3.1	2.29
983	11/19/2007 16:46	13.24	47.902	31.18	8.08	7.84	3.7	2.34
984	11/19/2007 17:01	13.17	48.021	31.27	8.1	7.85	4.6	2.39
985	11/19/2007 17:16	13.13	48.192	31.39	8.11	7.85	3.4	2.45
986	11/19/2007 17:31	13.12	47.916	31.19	8.14	7.85	3.4	2.50
987	11/19/2007 17:46	13.09	48.104	31.33	8.15	7.85	3.8	2.54
988	11/19/2007 18:01	13.05	48.237	31.42	8.19	7.85	3.7	2.60
989	11/19/2007 18:16	13.02	48.308	31.47	8.15	7.86	3.2	2.63
990	11/19/2007 18:31	13	48.318	31.48	8.13	7.86	3.3	2.68
991	11/19/2007 18:46	12.99	48.437	31.56	8.11	7.86	3.0	2.71
992	11/19/2007 19:01	12.98	48.548	31.64	8.01	7.85	2.1	2.73
993	11/19/2007 19:16	12.98	48.232	31.41	8.32	7.9	4.8	2.74
994	11/19/2007 19:31	12.99	48.265	31.44	8.11	7.86	3.5	2.74
995	11/19/2007 19:46	13	48.48	31.59	8.09	7.86	4.3	2.72
996	11/19/2007 20:01	12.99	48.537	31.64	8.11	7.85	4.5	2.71
997	11/19/2007 20:16	12.87	48.033	31.27	8.52	7.92	7.0	2.66
998	11/19/2007 20:31	12.96	48.177	31.37	8.07	7.85	7.0	2.59
999	11/19/2007 20:46	13.01	48.225	31.41	8.06	7.84	6.0	2.54
1000	11/19/2007 21:01	12.91	48.201	31.39	8.02	7.84	9.4	2.46
1001	11/19/2007 21:16	12.86	48.048	31.28	7.95	7.83	10.0	2.38
1002	11/19/2007 21:31	12.93	47.915	31.18	7.98	7.83	9.5	2.30
1003	11/19/2007 21:46	12.92	47.744	31.06	7.94	7.83	9.6	2.22
1004	11/19/2007 22:01	12.94	47.868	31.15	7.94	7.83	8.3	2.13
1005	11/19/2007 22:16	12.9	47.806	31.1	7.99	7.83	9.1	2.04
1006	11/19/2007 22:31	12.92	47.93	31.19	7.97	7.83	8.6	1.96
1007	11/19/2007 22:46	12.87	47.96	31.21	7.95	7.83	9.3	1.87
1008	11/19/2007 23:01	12.89	47.725	31.04	8.03	7.84	7.6	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
1009	11/19/2007 23:16	12.95	47.513	30.89	8.07	7.84	8.6	1.72
1010	11/19/2007 23:31	12.93	47.705	31.03	8.06	7.84	8.9	1.65
1011	11/19/2007 23:46	12.97	47.626	30.98	8.09	7.84	8.4	1.59
1012	11/20/2007 00:01	12.96	47.609	30.96	8.1	7.85	8.5	1.52
1013	11/20/2007 00:16	13.04	47.371	30.79	8.16	7.86	7.4	1.47
1014	11/20/2007 00:31	13.03	47.306	30.75	8.14	7.86	5.7	1.44
1015	11/20/2007 00:46	13.02	47.156	30.64	8.15	7.87	5.4	1.45
1016	11/20/2007 01:01	13.01	47.294	30.74	8.03	7.86	3.5	1.42
1017	11/20/2007 01:16	12.98	47.368	30.79	7.97	7.86	5.1	1.42
1018	11/20/2007 01:31	12.99	47.436	30.84	8.16	7.88	7.0	1.47
1019	11/20/2007 01:46	12.95	47.373	30.79	8.13	7.87	6.4	1.49
1020	11/20/2007 02:01	12.94	47.303	30.74	8.11	7.86	7.1	1.53
1021	11/20/2007 02:16	12.92	47.609	30.96	8.07	7.86	6.9	1.60
1022	11/20/2007 02:31	12.91	47.16	30.64	8.03	7.85	6.5	1.67
1023	11/20/2007 02:46	12.93	47.151	30.63	8.01	7.84	6.8	1.72
1024	11/20/2007 03:01	12.94	46.946	30.48	7.97	7.84	6.1	1.79
1025	11/20/2007 03:16	12.93	46.925	30.47	7.95	7.83	6.3	1.87
1026	11/20/2007 03:31	12.95	47.276	30.72	7.92	7.83	6.1	1.94
1027	11/20/2007 03:46	12.96	47.319	30.75	7.91	7.83	5.2	2.01
1028	11/20/2007 04:01	12.89	47.291	30.73	7.94	7.83	5.6	2.09
1029	11/20/2007 04:16	12.9	47.816	31.11	7.99	7.84	4.9	2.17
1030	11/20/2007 04:31	12.9	47.535	30.91	8.08	7.84	5.3	2.25
1031	11/20/2007 04:46	12.89	47.681	31.01	8.1	7.84	6.0	2.33
1032	11/20/2007 05:01	12.88	47.806	31.1	8.12	7.85	6.1	2.41
1033	11/20/2007 05:16	12.84	48.103	31.32	8.14	7.85	6.5	2.49
1034	11/20/2007 05:31	12.74	48.082	31.3	8.19	7.85	7.8	2.57
1035	11/20/2007 05:46	12.64	47.949	31.2	8.24	7.86	8.5	2.65
1036	11/20/2007 06:01	12.6	48.268	31.43	8.27	7.86	10.4	2.73
1037	11/20/2007 06:16	12.47	48.123	31.32	8.36	7.87	9.8	2.82
1038	11/20/2007 06:31	12.41	48.399	31.51	8.42	7.88	8.9	2.90
1039	11/20/2007 06:46	12.34	48.381	31.5	8.52	7.89	8.1	2.97
1040	11/20/2007 07:01	12.3	48.762	31.77	8.55	7.9	7.1	3.04
1041	11/20/2007 07:16	12.23	49.014	31.95	8.58	7.91	6.1	3.11
1042	11/20/2007 07:31	12.17	48.894	31.86	8.58	7.92	5.1	3.16
1043	11/20/2007 07:46	12.14	48.862	31.84	8.51	7.92	3.7	3.20
1044	11/20/2007 08:01	12.12	49.058	31.98	8.46	7.91	3.2	3.21
1045	11/20/2007 08:16	12.21	48.84	31.82	8.52	7.91	4.2	3.22
1046	11/20/2007 08:31	12.15	49.111	32.02	8.56	7.91	4.8	3.21
1047	11/20/2007 08:46	12.14	48.864	31.84	8.57	7.91	5.4	3.15
1048	11/20/2007 09:01	12.01	47.983	31.19	8.26	7.86	5.6	3.10
1049	11/20/2007 09:16	12.15	48.369	31.48	8.35	7.87	5.0	3.04
1050	11/20/2007 09:31	12.17	48.304	31.43	8.4	7.88	5.3	2.94
1051	11/20/2007 09:46	12.28	48.399	31.51	8.39	7.88	7.3	2.85
1052	11/20/2007 10:01	12.32	48.304	31.44	8.3	7.87	6.7	2.76
1053	11/20/2007 10:16	12.34	47.978	31.21	8.27	7.86	7.1	2.65
1054	11/20/2007 10:31	12.38	48.054	31.26	8.19	7.85	8.0	2.56
1055	11/20/2007 10:46	12.47	47.848	31.12	8.25	7.86	7.0	2.47
1056	11/20/2007 11:01	12.48	48.378	31.5	8.47	7.88	5.6	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
1057	11/20/2007 11:16	12.51	48.236	31.4	8.57	7.89	6.5	2.28
1058	11/20/2007 11:31	12.6	47.724	31.03	8.67	7.88	7.0	2.17
1059	11/20/2007 11:46	12.62	47.689	31.01	8.61	7.89	7.2	2.09
1060	11/20/2007 12:01	12.69	47.668	31	8.73	7.89	8.1	1.97
1061	11/20/2007 12:16	12.76	47.945	31.2	8.92	7.93	9.1	1.85
1062	11/20/2007 12:31	12.8	47.854	31.13	8.89	7.92	8.9	1.76
1063	11/20/2007 12:46	12.81	47.577	30.93	8.89	7.92	9.0	1.68
1064	11/20/2007 13:01	12.83	47.808	31.1	8.95	7.92	9.7	1.57
1065	11/20/2007 13:16	12.85	47.479	30.86	8.9	7.92	8.3	1.48
1066	11/20/2007 13:31	12.87	47.462	30.85	8.89	7.92	7.5	1.41
1067	11/20/2007 13:46	12.85	47.314	30.75	8.72	7.91	7.5	1.37
1068	11/20/2007 14:01	12.85	47.465	30.85	8.59	7.9	5.5	1.34
1069	11/20/2007 14:16	12.85	47.459	30.85	8.36	7.88	2.4	1.32
1070	11/20/2007 14:31	12.86	47.57	30.93	8.6	7.9	5.1	1.31
1071	11/20/2007 14:46	12.75	47.368	30.78	8.65	7.9	7.3	1.37
1072	11/20/2007 15:01	12.7	47.18	30.64	8.59	7.89	5.7	1.39
1073	11/20/2007 15:16	12.62	46.915	30.45	8.6	7.9	6.8	1.45
1074	11/20/2007 15:31	12.66	47.036	30.54	8.55	7.89	6.2	1.51
1075	11/20/2007 15:46	12.69	47.327	30.75	8.52	7.89	5.4	1.58
1076	11/20/2007 16:01	12.5	46.246	29.96	8.5	7.88	6.1	1.65
1077	11/20/2007 16:16	12.54	46.542	30.18	8.45	7.88	5.4	1.71
1078	11/20/2007 16:31	12.55	46.281	29.99	8.42	7.87	5.4	1.79
1079	11/20/2007 16:46	12.57	46.616	30.23	8.4	7.87	5.6	1.85
1080	11/20/2007 17:01	12.59	46.729	30.31	8.37	7.87	5.2	1.94
1081	11/20/2007 17:16	12.55	46.79	30.36	8.34	7.86	5.8	2.00
1082	11/20/2007 17:31	12.54	46.946	30.47	8.3	7.86	4.8	2.07
1083	11/20/2007 17:46	12.52	47.318	30.74	8.26	7.86	5.2	2.13
1084	11/20/2007 18:01	12.47	47.023	30.52	8.29	7.86	6.2	2.21
1085	11/20/2007 18:16	12.44	47.206	30.65	8.33	7.86	5.7	2.28
1086	11/20/2007 18:31	12.43	47.126	30.59	8.33	7.86	5.2	2.34
1087	11/20/2007 18:46	12.44	47.518	30.88	8.32	7.86	5.2	2.39
1088	11/20/2007 19:01	12.44	47.842	31.11	8.31	7.86	4.8	2.46
1089	11/20/2007 19:16	12.41	47.739	31.04	8.33	7.86	4.8	2.50
1090	11/20/2007 19:31	12.4	47.699	31.01	8.34	7.87	4.9	2.55
1091	11/20/2007 19:46	12.38	47.971	31.2	8.32	7.87	4.3	2.60
1092	11/20/2007 20:01	12.37	48.061	31.27	8.28	7.87	3.9	2.63
1093	11/20/2007 20:16	12.32	47.956	31.19	8.32	7.88	4.3	2.67
1094	11/20/2007 20:31	12.3	48.073	31.27	8.25	7.87	1.9	2.67
1095	11/20/2007 20:46	12.34	48.093	31.29	8.33	7.87	3.7	2.68
1096	11/20/2007 21:01	12.29	48.193	31.36	8.29	7.87	3.6	2.68
1097	11/20/2007 21:16	12.31	47.84	31.1	8.4	7.87	4.5	2.66
1098	11/20/2007 21:31	12.3	47.9	31.15	8.31	7.87	4.3	2.61
1099	11/20/2007 21:46	12.26	47.615	30.94	8.26	7.86	5.3	2.55
1100	11/20/2007 22:01	12.29	47.77	31.05	8.18	7.86	5.1	2.50
1101	11/20/2007 22:16	12.24	47.592	30.92	8.18	7.86	5.9	2.43
1102	11/20/2007 22:31	12.17	47.487	30.84	8.1	7.85	8.4	2.33
1103	11/20/2007 22:46	12.11	46.98	30.48	8.11	7.85	7.7	2.26
1104	11/20/2007 23:01	12.06	47.212	30.64	8.13	7.84	7.8	2.19

sonde #1		Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1105	11/20/2007 23:16	12	47.209	30.64	8.14	7.84	8.2	2.09
1106	11/20/2007 23:31	11.99	47.254	30.67	8.14	7.84	7.5	2.01
1107	11/20/2007 23:46	11.99	47.059	30.53	8.18	7.85	8.3	1.92
1108	11/21/2007 00:01	11.91	47.069	30.53	8.15	7.84	8.2	1.83
1109	11/21/2007 00:16	11.86	47.091	30.55	8.13	7.84	7.5	1.76
1110	11/21/2007 00:31	11.84	46.813	30.34	8.15	7.85	7.5	1.69
1111	11/21/2007 00:46	11.73	46.989	30.47	8.15	7.85	7.2	1.61
1112	11/21/2007 01:01	11.69	46.865	30.37	8.21	7.86	6.4	1.56
1113	11/21/2007 01:16	11.62	46.876	30.38	8.23	7.87	6.7	1.52
1114	11/21/2007 01:31	11.62	46.773	30.31	8.3	7.88	7.1	1.49
1115	11/21/2007 01:46	11.64	46.819	30.34	8.25	7.88	4.5	1.47
1116	11/21/2007 02:01	11.58	46.831	30.34	8.06	7.87	4.8	1.48
1117	11/21/2007 02:16	11.59	46.94	30.42	8.12	7.87	5.8	1.50
1118	11/21/2007 02:31	11.63	46.933	30.42	8.14	7.86	6.1	1.52
1119	11/21/2007 02:46	11.69	46.952	30.44	8.15	7.86	6.1	1.57
1120	11/21/2007 03:01	11.79	47.049	30.51	8.16	7.86	6.3	1.63
1121	11/21/2007 03:16	11.81	46.868	30.38	8.16	7.86	5.6	1.70
1122	11/21/2007 03:31	11.69	46.387	30.03	8.17	7.85	5.9	1.78
1123	11/21/2007 03:46	11.84	46.573	30.17	8.14	7.85	5.7	1.87
1124	11/21/2007 04:01	11.93	46.683	30.25	8.11	7.85	6.1	1.95
1125	11/21/2007 04:16	11.97	46.791	30.33	8.11	7.84	5.4	2.02
1126	11/21/2007 04:31	12.02	47.141	30.59	8.1	7.85	5.6	2.10
1127	11/21/2007 04:46	11.99	47.2	30.63	8.11	7.85	5.4	2.20
1128	11/21/2007 05:01	12.05	47.429	30.8	8.2	7.85	7.1	2.28
1129	11/21/2007 05:16	12.08	47.573	30.9	8.24	7.86	7.1	2.36
1130	11/21/2007 05:31	12.05	47.8	31.06	8.28	7.86	7.3	2.46
1131	11/21/2007 05:46	12.06	48.024	31.23	8.29	7.86	9.1	2.55
1132	11/21/2007 06:01	12.06	48.095	31.28	8.34	7.87	10.2	2.63
1133	11/21/2007 06:16	12.04	48.407	31.5	8.4	7.88	11.7	2.73
1134	11/21/2007 06:31	11.87	48.427	31.51	8.58	7.9	14.2	2.83
1135	11/21/2007 06:46	11.82	48.432	31.51	8.65	7.9	12.6	2.91
1136	11/21/2007 07:01	11.74	48.851	31.81	8.73	7.91	12.8	3.01
1137	11/21/2007 07:16	11.65	48.918	31.85	8.8	7.92	11.9	3.11
1138	11/21/2007 07:31	11.59	49.034	31.94	8.81	7.92	11.0	3.19
1139	11/21/2007 07:46	11.54	48.929	31.86	8.8	7.92	9.8	3.27
1140	11/21/2007 08:01	11.51	49.129	32	8.78	7.93	6.9	3.33
1141	11/21/2007 08:16	11.49	49.335	32.15	8.77	7.93	5.2	3.38
1142	11/21/2007 08:31	11.47	49.237	32.08	8.73	7.93	4.2	3.42
1143	11/21/2007 08:46	11.49	49.189	32.04	8.7	7.92	5.5	3.43
1144	11/21/2007 09:01	11.52	49.291	32.12	8.68	7.92	12.3	3.43
Mean		12.55	48.89	31.88	8.56	7.91	4.9	2.27
Standard Dev.		0.47	0.74	0.53	0.40	0.04	2.5	0.61

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

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 #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	11/21/2007 09:16	11.44	49.865	32.53	8.66	7.88	7.0	3.37
1	11/21/2007 09:31	11.49	49.728	32.43	8.57	7.88	9.0	3.32
2	11/21/2007 09:46	11.6	49.483	32.26	8.56	7.88	7.2	3.26
3	11/21/2007 10:01	11.64	49.459	32.25	8.58	7.89	7.2	3.15
4	11/21/2007 10:16	11.68	49.489	32.27	8.6	7.89	7.9	3.05
5	11/21/2007 10:31	11.69	49.305	32.14	8.51	7.88	12.4	2.94
6	11/21/2007 10:46	11.69	49.185	32.05	8.47	7.87	10.7	2.83
7	11/21/2007 11:01	11.77	48.954	31.89	8.43	7.87	7.6	2.71
8	11/21/2007 11:16	11.89	48.824	31.8	8.46	7.88	8.2	2.58
9	11/21/2007 11:31	11.95	48.849	31.82	8.61	7.9	7.8	2.48
10	11/21/2007 11:46	11.95	48.814	31.79	8.64	7.9	9.0	2.34
11	11/21/2007 12:01	12.01	48.669	31.69	8.68	7.89	8.0	2.20
12	11/21/2007 12:16	12.08	48.535	31.6	8.85	7.88	10.3	2.09
13	11/21/2007 12:31	12.09	48.285	31.42	8.62	7.87	9.1	1.97
14	11/21/2007 12:46	12.24	48.357	31.48	8.88	7.89	8.2	1.83
15	11/21/2007 13:01	12.28	48.26	31.41	8.89	7.9	9.0	1.69
16	11/21/2007 13:16	12.27	48.132	31.31	9	7.9	8.9	1.57
17	11/21/2007 13:31	12.35	48.134	31.32	9.11	7.92	8.4	1.44
18	11/21/2007 13:46	12.17	47.866	31.12	9	7.91	8.5	1.31
19	11/21/2007 14:01	12.12	47.728	31.02	9.04	7.92	8.6	1.20
20	11/21/2007 14:16	11.99	47.604	30.92	9.01	7.91	7.7	1.12
21	11/21/2007 14:31	12	47.544	30.88	9.01	7.92	7.5	1.04
22	11/21/2007 14:46	11.97	47.446	30.81	9.04	7.92	6.9	1.00
23	11/21/2007 15:01	11.9	47.386	30.76	9.11	7.93	6.8	0.98
24	11/21/2007 15:16	12.08	47.533	30.87	9.08	7.93	6.8	1.00
25	11/21/2007 15:31	11.94	47.46	30.81	9.05	7.92	6.3	1.03
26	11/21/2007 15:46	11.93	47.456	30.81	8.99	7.91	6.4	1.07
27	11/21/2007 16:01	11.87	47.431	30.79	8.96	7.91	6.1	1.14
28	11/21/2007 16:16	11.85	47.438	30.79	8.92	7.91	6.9	1.21
29	11/21/2007 16:31	11.67	46.515	30.12	8.85	7.89	7.7	1.29
30	11/21/2007 16:46	11.66	46.371	30.02	8.83	7.89	9.2	1.37
31	11/21/2007 17:01	11.62	46.126	29.84	8.77	7.88	8.7	1.45
32	11/21/2007 17:16	11.68	46.323	29.99	8.73	7.88	8.3	1.54
33	11/21/2007 17:31	11.75	46.567	30.16	8.7	7.87	7.2	1.62
34	11/21/2007 17:46	11.78	46.683	30.25	8.67	7.87	7.1	1.70
35	11/21/2007 18:01	11.79	46.693	30.26	8.63	7.87	7.9	1.78
36	11/21/2007 18:16	11.86	47.131	30.57	8.54	7.86	7.3	1.88
37	11/21/2007 18:31	11.92	47.55	30.88	8.44	7.85	6.8	1.96
38	11/21/2007 18:46	11.9	47.638	30.94	8.41	7.85	7.2	2.05
39	11/21/2007 19:01	11.89	47.793	31.05	8.41	7.85	7.2	2.14
40	11/21/2007 19:16	11.87	47.892	31.12	8.42	7.85	7.6	2.22
41	11/21/2007 19:31	11.87	48.023	31.22	8.4	7.85	7.9	2.31
42	11/21/2007 19:46	11.87	48.205	31.35	8.41	7.85	8.0	2.38
43	11/21/2007 20:01	11.86	48.249	31.38	8.42	7.85	8.0	2.46
44	11/21/2007 20:16	11.83	48.323	31.43	8.44	7.86	9.3	2.52
45	11/21/2007 20:31	11.79	48.437	31.51	8.47	7.86	8.3	2.58
46	11/21/2007 20:46	11.76	48.559	31.6	8.48	7.86	8.5	2.64
47	11/21/2007 21:01	11.74	48.64	31.66	8.47	7.86	7.6	2.68

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
48	11/21/2007 21:16	11.66	48.882	31.83	8.48	7.87	6.6	2.74
49	11/21/2007 21:31	11.61	49.018	31.92	8.45	7.87	6.2	2.77
50	11/21/2007 21:46	11.6	49.072	31.96	8.37	7.87	4.6	2.79
51	11/21/2007 22:01	11.63	48.935	31.87	8.38	7.87	6.1	2.79
52	11/21/2007 22:16	11.57	49.115	31.99	8.43	7.87	6.3	2.77
53	11/21/2007 22:31	11.59	49.086	31.97	8.43	7.87	6.5	2.74
54	11/21/2007 22:46	11.61	48.65	31.66	8.33	7.86	7.1	2.67
55	11/21/2007 23:01	11.64	48.441	31.51	8.3	7.85	6.8	2.61
56	11/21/2007 23:16	11.59	48.318	31.42	8.33	7.85	7.5	2.54
57	11/21/2007 23:31	11.59	48.252	31.37	8.29	7.85	8.2	2.46
58	11/21/2007 23:46	11.45	48.041	31.21	8.24	7.84	8.0	2.38
59	11/22/2007 00:01	11.44	48.009	31.19	8.24	7.83	8.2	2.29
60	11/22/2007 00:16	11.42	47.911	31.12	8.22	7.83	7.9	2.20
61	11/22/2007 00:31	11.35	47.866	31.08	8.2	7.82	7.6	2.14
62	11/22/2007 00:46	11.41	47.854	31.07	8.25	7.83	7.7	2.04
63	11/22/2007 01:01	11.38	47.657	30.93	8.27	7.83	7.9	1.96
64	11/22/2007 01:16	11.34	47.544	30.85	8.26	7.83	8.0	1.89
65	11/22/2007 01:31	11.28	47.452	30.78	8.25	7.83	7.9	1.84
66	11/22/2007 01:46	11.22	47.371	30.72	8.27	7.83	6.8	1.75
67	11/22/2007 02:01	11.12	47.207	30.59	8.3	7.84	6.5	1.70
68	11/22/2007 02:16	11.02	47.083	30.5	8.29	7.84	6.5	1.67
69	11/22/2007 02:31	10.95	47.043	30.47	8.29	7.84	5.2	1.64
70	11/22/2007 02:46	10.89	47.003	30.43	8.17	7.84	4.9	1.64
71	11/22/2007 03:01	10.95	47.034	30.46	8.26	7.84	5.7	1.65
72	11/22/2007 03:16	11.08	47.173	30.57	8.22	7.83	5.9	1.64
73	11/22/2007 03:31	11.09	47.177	30.57	8.23	7.83	6.7	1.71
74	11/22/2007 03:46	11.13	47.268	30.64	8.27	7.83	6.9	1.76
75	11/22/2007 04:01	11.17	47.171	30.57	8.26	7.83	7.0	1.82
76	11/22/2007 04:16	11.02	46.965	30.41	8.26	7.83	8.8	1.94
77	11/22/2007 04:31	11.01	46.902	30.37	8.26	7.83	7.9	2.01
78	11/22/2007 04:46	11.23	47.29	30.66	8.23	7.83	7.6	2.09
79	11/22/2007 05:01	11.33	47.526	30.83	8.22	7.83	8.0	2.19
80	11/22/2007 05:16	11.41	47.832	31.06	8.23	7.83	7.2	2.26
81	11/22/2007 05:31	11.45	48.009	31.19	8.29	7.84	7.3	2.35
82	11/22/2007 05:46	11.5	48.142	31.29	8.34	7.84	7.9	2.46
83	11/22/2007 06:01	11.53	48.285	31.39	8.36	7.84	9.0	2.54
84	11/22/2007 06:16	11.5	48.495	31.54	8.37	7.85	10.1	2.64
85	11/22/2007 06:31	11.45	48.723	31.7	8.38	7.85	12.4	2.73
86	11/22/2007 06:46	11.37	48.89	31.82	8.4	7.86	15.4	2.82
87	11/22/2007 07:01	11.23	49.117	31.98	8.44	7.86	14.6	2.92
88	11/22/2007 07:16	11.14	49.309	32.11	8.45	7.86	15.2	3.01
89	11/22/2007 07:31	11.05	49.538	32.27	8.48	7.87	14.9	3.13
90	11/22/2007 07:46	10.96	49.699	32.38	8.48	7.87	16.2	3.23
91	11/22/2007 08:01	10.9	49.795	32.45	8.46	7.87	15.4	3.34
92	11/22/2007 08:16	10.89	49.89	32.52	8.46	7.87	12.1	3.42
93	11/22/2007 08:31	10.87	49.914	32.53	8.45	7.87	10.5	3.50
94	11/22/2007 08:46	10.88	49.923	32.54	8.47	7.87	9.0	3.54
95	11/22/2007 09:01	10.9	49.941	32.55	8.44	7.87	13.6	3.57

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
96	11/22/2007 09:16	10.9	49.962	32.57	8.42	7.87	5.6	3.60
97	11/22/2007 09:31	10.89	49.811	32.46	8.38	7.86	7.7	3.62
98	11/22/2007 09:46	10.91	49.936	32.55	8.45	7.87	7.7	3.59
99	11/22/2007 10:01	10.98	49.721	32.4	8.48	7.87	8.5	3.54
100	11/22/2007 10:16	10.98	49.775	32.44	8.49	7.87	7.6	3.49
101	11/22/2007 10:31	11.15	49.432	32.2	8.58	7.87	9.1	3.35
102	11/22/2007 10:46	11.17	49.483	32.24	8.6	7.87	7.7	3.27
103	11/22/2007 11:01	11.22	49.421	32.2	8.6	7.87	7.5	3.16
104	11/22/2007 11:16	11.16	49.214	32.04	8.48	7.86	9.9	3.03
105	11/22/2007 11:31	11.22	49.157	32.01	8.48	7.86	8.5	2.93
106	11/22/2007 11:46	11.35	49.048	31.93	8.55	7.87	7.1	2.78
107	11/22/2007 12:01	11.44	48.868	31.81	8.63	7.87	7.6	2.65
108	11/22/2007 12:16	11.43	48.707	31.69	8.68	7.86	9.1	2.51
109	11/22/2007 12:31	11.48	48.798	31.76	8.72	7.87	8.6	2.37
110	11/22/2007 12:46	11.54	49.171	32.03	8.94	7.9	7.1	2.21
111	11/22/2007 13:01	11.59	48.57	31.6	8.74	7.88	9.1	2.09
112	11/22/2007 13:16	11.72	48.499	31.55	8.93	7.89	7.6	1.95
113	11/22/2007 13:31	11.82	48.378	31.47	8.98	7.89	8.0	1.80
114	11/22/2007 13:46	11.82	48.165	31.32	9.06	7.89	9.6	1.64
115	11/22/2007 14:01	11.79	47.993	31.19	9.03	7.89	9.5	1.47
116	11/22/2007 14:16	11.79	47.845	31.09	9.18	7.9	9.3	1.34
117	11/22/2007 14:31	11.85	47.843	31.09	9.15	7.91	9.7	1.18
118	11/22/2007 14:46	11.76	47.744	31.01	9.04	7.89	7.5	1.03
119	11/22/2007 15:01	11.8	47.72	31	9.05	7.89	6.6	0.91
120	11/22/2007 15:16	11.79	47.622	30.92	9.12	7.9	7.1	0.78
121	11/22/2007 15:31	11.72	47.486	30.82	9.25	7.91	7.3	0.70
122	11/22/2007 15:46	11.58	47.357	30.72	9.38	7.93	6.3	0.67
123	11/22/2007 16:01	11.71	47.534	30.86	9.22	7.91	7.2	0.69
124	11/22/2007 16:16	11.31	47.02	30.47	9.64	7.96	5.9	0.70
125	11/22/2007 16:31	11.26	47.026	30.47	9.59	7.95	6.0	0.79
126	11/22/2007 16:46	11.18	46.942	30.41	9.42	7.93	6.8	0.88
127	11/22/2007 17:01	11.15	46.934	30.4	9.4	7.93	6.9	0.96
128	11/22/2007 17:16	11.13	46.733	30.25	9.31	7.92	7.2	1.04
129	11/22/2007 17:31	10.97	45.898	29.65	9.21	7.9	7.3	1.15
130	11/22/2007 17:46	11.06	45.956	29.69	9.17	7.9	7.7	1.21
131	11/22/2007 18:01	11.12	45.996	29.72	9.14	7.89	7.6	1.29
132	11/22/2007 18:16	11.13	46.016	29.74	9.08	7.88	7.6	1.40
133	11/22/2007 18:31	11.05	45.649	29.47	9.1	7.88	7.4	1.47
134	11/22/2007 18:46	11.38	46.983	30.44	8.94	7.88	8.0	1.58
135	11/22/2007 19:01	11.43	47.273	30.66	8.8	7.86	7.4	1.68
136	11/22/2007 19:16	11.46	47.403	30.75	8.7	7.85	7.4	1.79
137	11/22/2007 19:31	11.46	47.502	30.82	8.64	7.85	8.0	1.90
138	11/22/2007 19:46	11.43	47.484	30.81	8.65	7.85	8.2	2.01
139	11/22/2007 20:01	11.44	47.801	31.04	8.6	7.84	9.7	2.11
140	11/22/2007 20:16	11.44	47.923	31.13	8.56	7.84	9.6	2.20
141	11/22/2007 20:31	11.43	48.032	31.2	8.54	7.84	9.2	2.29
142	11/22/2007 20:46	11.42	48.137	31.28	8.52	7.84	9.6	2.37
143	11/22/2007 21:01	11.38	48.293	31.39	8.52	7.84	11.1	2.46

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
144	11/22/2007 21:16	11.35	48.429	31.49	8.53	7.84	11.8	2.52
145	11/22/2007 21:31	11.3	48.678	31.66	8.6	7.84	10.5	2.60
146	11/22/2007 21:46	11.23	48.726	31.69	8.71	7.85	10.1	2.68
147	11/22/2007 22:01	11.19	49.069	31.94	8.75	7.85	9.3	2.73
148	11/22/2007 22:16	11.16	49.169	32.01	8.77	7.85	7.9	2.78
149	11/22/2007 22:31	11.12	49.195	32.03	8.77	7.85	7.2	2.83
150	11/22/2007 22:46	11.1	49.277	32.09	8.7	7.85	5.6	2.84
151	11/22/2007 23:01	11.12	49.197	32.03	8.7	7.85	7.1	2.86
152	11/22/2007 23:16	11.09	49.301	32.1	8.69	7.85	6.5	2.85
153	11/22/2007 23:31	11.07	49.338	32.13	8.73	7.85	7.6	2.81
154	11/22/2007 23:46	11.05	48.66	31.64	8.51	7.83	8.5	2.75
155	11/23/2007 00:01	11.03	48.654	31.63	8.5	7.83	7.1	2.69
156	11/23/2007 00:16	11.13	48.733	31.69	8.55	7.84	7.5	2.61
157	11/23/2007 00:31	11.08	48.527	31.54	8.52	7.84	8.1	2.52
158	11/23/2007 00:46	11.1	48.305	31.38	8.47	7.83	8.5	2.43
159	11/23/2007 01:01	11.14	48.254	31.35	8.46	7.83	10.2	2.35
160	11/23/2007 01:16	10.98	48.049	31.19	8.4	7.82	8.4	2.27
161	11/23/2007 01:31	11.08	47.989	31.15	8.39	7.83	8.0	2.18
162	11/23/2007 01:46	10.99	48.044	31.19	8.37	7.82	8.2	2.10
163	11/23/2007 02:01	11.05	47.879	31.07	8.44	7.83	8.6	2.04
164	11/23/2007 02:16	10.99	47.726	30.96	8.43	7.83	7.3	1.97
165	11/23/2007 02:31	10.92	47.624	30.88	8.41	7.82	6.9	1.88
166	11/23/2007 02:46	10.87	47.518	30.8	8.39	7.82	7.4	1.84
167	11/23/2007 03:01	10.83	47.461	30.76	8.42	7.82	7.9	1.79
168	11/23/2007 03:16	10.73	47.282	30.63	8.41	7.83	5.9	1.76
169	11/23/2007 03:31	10.67	47.194	30.56	8.41	7.83	5.4	1.74
170	11/23/2007 03:46	10.65	47.15	30.53	8.19	7.81	3.3	1.74
171	11/23/2007 04:01	10.68	47.238	30.59	8.4	7.82	6.0	1.78
172	11/23/2007 04:16	10.72	47.315	30.65	8.42	7.82	6.6	1.80
173	11/23/2007 04:31	10.78	47.408	30.72	8.41	7.82	6.2	1.85
174	11/23/2007 04:46	10.82	47.453	30.75	8.41	7.82	7.1	1.92
175	11/23/2007 05:01	10.63	47.228	30.58	8.41	7.82	9.5	2.01
176	11/23/2007 05:16	10.59	47.207	30.56	8.41	7.82	8.7	2.09
177	11/23/2007 05:31	10.87	47.689	30.93	8.38	7.82	8.2	2.19
178	11/23/2007 05:46	10.93	47.918	31.09	8.38	7.82	7.8	2.27
179	11/23/2007 06:01	10.96	48.148	31.26	8.42	7.82	7.6	2.35
180	11/23/2007 06:16	11.02	48.409	31.45	8.51	7.83	8.2	2.45
181	11/23/2007 06:31	11.05	48.51	31.53	8.53	7.83	8.8	2.54
182	11/23/2007 06:46	11.05	48.634	31.62	8.56	7.83	10.4	2.63
183	11/23/2007 07:01	10.99	48.9	31.81	8.58	7.83	11.7	2.73
184	11/23/2007 07:16	10.92	49.107	31.95	8.57	7.83	12.9	2.84
185	11/23/2007 07:31	10.79	49.393	32.15	8.55	7.83	47.8	2.94
186	11/23/2007 07:46	10.67	49.625	32.31	8.53	7.83	14.6	3.03
187	11/23/2007 08:01	10.58	49.849	32.47	8.53	7.83	14.1	3.15
188	11/23/2007 08:16	10.53	50.004	32.58	8.55	7.83	13.5	3.25
189	11/23/2007 08:31	10.49	50.075	32.63	8.55	7.83	11.9	3.35
190	11/23/2007 08:46	10.49	50.122	32.66	8.55	7.83	10.9	3.44
191	11/23/2007 09:01	10.49	50.133	32.67	8.56	7.83	9.9	3.52

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
192	11/23/2007 09:16	10.51	50.152	32.68	8.58	7.83	8.0	3.60
193	11/23/2007 09:31	10.52	50.145	32.68	8.57	7.84	6.7	3.66
194	11/23/2007 09:46	10.54	50.156	32.69	8.57	7.84	6.2	3.71
195	11/23/2007 10:01	10.55	50.153	32.69	8.51	7.84	4.5	3.74
196	11/23/2007 10:16	10.52	50.035	32.6	8.5	7.83	6.9	3.74
197	11/23/2007 10:31	10.56	50.089	32.64	8.57	7.84	7.2	3.72
198	11/23/2007 10:46	10.57	50.149	32.69	8.59	7.84	6.9	3.65
199	11/23/2007 11:01	10.74	50.007	32.59	8.68	7.84	7.2	3.58
200	11/23/2007 11:16	10.8	49.903	32.52	8.72	7.84	7.1	3.48
201	11/23/2007 11:31	10.85	49.773	32.43	8.71	7.84	6.8	3.35
202	11/23/2007 11:46	10.85	49.655	32.34	8.7	7.84	9.0	3.23
203	11/23/2007 12:01	10.75	49.62	32.31	8.63	7.83	9.0	3.09
204	11/23/2007 12:16	10.87	49.492	32.23	8.68	7.84	7.2	2.96
205	11/23/2007 12:31	10.92	49.384	32.15	8.74	7.84	8.4	2.80
206	11/23/2007 12:46	11.03	49.233	32.05	8.86	7.85	8.3	2.66
207	11/23/2007 13:01	11.09	49.17	32.01	8.89	7.88	8.5	2.51
208	11/23/2007 13:16	11.09	49.4	32.17	8.98	7.89	7.1	2.36
209	11/23/2007 13:31	11.15	48.901	31.82	9.03	7.89	9.0	2.21
210	11/23/2007 13:46	11.28	48.908	31.83	9.03	7.89	8.8	2.03
211	11/23/2007 14:01	11.36	48.582	31.6	9.08	7.9	8.5	1.89
212	11/23/2007 14:16	11.34	48.296	31.39	9.15	7.89	9.6	1.71
213	11/23/2007 14:31	11.48	48.336	31.43	9.18	7.91	12.2	1.54
214	11/23/2007 14:46	11.46	48.195	31.32	9.24	7.91	11.9	1.36
215	11/23/2007 15:01	11.4	47.938	31.13	9.27	7.91	12.2	1.17
216	11/23/2007 15:16	11.38	47.762	31.01	9.29	7.92	11.3	1.01
217	11/23/2007 15:31	11.35	47.681	30.95	9.34	7.92	13.5	0.84
218	11/23/2007 15:46	11.37	47.691	30.95	9.35	7.92	11.5	0.67
219	11/23/2007 16:01	11.33	47.56	30.86	9.44	7.93	11.5	0.55
220	11/23/2007 16:16	11.31	47.549	30.85	9.45	7.94	9.4	0.44
221	11/23/2007 16:31	11.23	47.387	30.73	9.43	7.93	5.7	0.41
222	11/23/2007 16:46	11.05	47.181	30.57	9.71	7.97	6.3	0.43
223	11/23/2007 17:01	10.94	47.119	30.52	9.83	7.98	7.2	0.51
224	11/23/2007 17:16	10.87	47.048	30.47	9.69	7.96	7.9	0.61
225	11/23/2007 17:31	10.85	47.034	30.45	9.6	7.96	7.3	0.71
226	11/23/2007 17:46	10.7	46.975	30.4	9.6	7.93	6.9	0.81
227	11/23/2007 18:01	10.63	46.508	30.07	9.45	7.93	7.4	0.87
228	11/23/2007 18:16	10.66	46.483	30.05	9.42	7.91	6.8	0.93
229	11/23/2007 18:31	10.73	46.466	30.04	9.38	7.9	7.6	1.02
230	11/23/2007 18:46	10.81	46.609	30.15	9.36	7.9	7.5	1.09
231	11/23/2007 19:01	10.73	46.318	29.93	9.36	7.89	8.0	1.19
232	11/23/2007 19:16	10.78	46.488	30.06	9.34	7.89	8.5	1.30
233	11/23/2007 19:31	11.01	47.074	30.49	9.23	7.89	8.1	1.39
234	11/23/2007 19:46	11.06	47.298	30.66	9.11	7.87	8.6	1.51
235	11/23/2007 20:01	10.95	47.038	30.46	9.06	7.87	8.6	1.63
236	11/23/2007 20:16	10.94	47.257	30.62	8.99	7.86	8.8	1.75
237	11/23/2007 20:31	11.07	47.526	30.82	8.9	7.85	9.7	1.87
238	11/23/2007 20:46	11.11	47.791	31.01	8.87	7.85	11.8	1.99
239	11/23/2007 21:01	11.12	48.017	31.18	8.82	7.85	10.9	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
240	11/23/2007 21:16	11.11	48.098	31.23	8.8	7.84	10.4	2.20
241	11/23/2007 21:31	11.1	48.232	31.33	8.76	7.84	12.5	2.30
242	11/23/2007 21:46	11.06	48.364	31.42	8.74	7.84	14.5	2.39
243	11/23/2007 22:01	11.03	48.518	31.53	8.72	7.84	13.8	2.48
244	11/23/2007 22:16	10.96	48.942	31.84	8.74	7.84	13.5	2.56
245	11/23/2007 22:31	10.9	49.204	32.02	8.74	7.84	12.6	2.64
246	11/23/2007 22:46	10.86	49.26	32.06	8.73	7.84	10.5	2.72
247	11/23/2007 23:01	10.85	49.278	32.07	8.7	7.84	11.2	2.78
248	11/23/2007 23:16	10.85	49.299	32.09	8.67	7.84	10.1	2.84
249	11/23/2007 23:31	10.83	49.415	32.17	8.66	7.84	8.5	2.90
250	11/23/2007 23:46	10.8	49.417	32.17	8.6	7.84	5.4	2.92
251	11/24/2007 00:01	10.82	49.18	32	8.62	7.84	7.9	2.93
252	11/24/2007 00:16	10.8	49.453	32.2	8.6	7.84	7.2	2.92
253	11/24/2007 00:31	10.8	49.476	32.21	8.62	7.84	8.0	2.88
254	11/24/2007 00:46	10.75	49.327	32.1	8.63	7.84	8.2	2.83
255	11/24/2007 01:01	10.62	48.722	31.66	8.51	7.82	8.4	2.76
256	11/24/2007 01:16	10.76	48.975	31.85	8.6	7.83	9.8	2.68
257	11/24/2007 01:31	10.73	48.821	31.74	8.6	7.83	9.9	2.59
258	11/24/2007 01:46	10.71	48.741	31.68	8.62	7.83	10.1	2.51
259	11/24/2007 02:01	10.74	48.652	31.61	8.63	7.83	10.0	2.41
260	11/24/2007 02:16	10.75	48.47	31.48	8.61	7.83	8.9	2.34
261	11/24/2007 02:31	10.74	48.4	31.43	8.58	7.83	9.0	2.27
262	11/24/2007 02:46	10.69	48.421	31.44	8.55	7.82	7.7	2.18
263	11/24/2007 03:01	10.66	48.281	31.34	8.58	7.82	8.2	2.12
264	11/24/2007 03:16	10.66	48.152	31.25	8.6	7.83	7.8	2.05
265	11/24/2007 03:31	10.64	48.046	31.17	8.59	7.83	7.5	1.99
266	11/24/2007 03:46	10.62	47.962	31.11	8.6	7.83	7.0	1.95
267	11/24/2007 04:01	10.6	47.856	31.03	8.6	7.83	6.8	1.91
268	11/24/2007 04:16	10.54	47.758	30.96	8.59	7.83	5.7	1.89
269	11/24/2007 04:31	10.42	47.646	30.87	8.55	7.82	4.8	1.89
270	11/24/2007 04:46	10.41	47.676	30.89	8.51	7.82	5.4	1.90
271	11/24/2007 05:01	10.42	47.751	30.95	8.57	7.82	6.1	1.92
272	11/24/2007 05:16	10.48	47.87	31.03	8.55	7.82	6.5	1.97
273	11/24/2007 05:31	10.51	47.925	31.08	8.59	7.82	7.2	2.03
274	11/24/2007 05:46	10.34	47.799	30.98	8.59	7.82	8.7	2.11
275	11/24/2007 06:01	10.3	47.739	30.93	8.59	7.82	8.4	2.19
276	11/24/2007 06:16	10.51	48.081	31.19	8.58	7.82	9.4	2.27
277	11/24/2007 06:31	10.58	48.328	31.37	8.57	7.82	8.3	2.36
278	11/24/2007 06:46	10.61	48.621	31.58	8.58	7.82	8.2	2.43
279	11/24/2007 07:01	10.65	48.82	31.73	8.61	7.83	8.6	2.53
280	11/24/2007 07:16	10.7	48.967	31.84	8.62	7.83	9.0	2.63
281	11/24/2007 07:31	10.71	49.037	31.89	8.62	7.83	9.0	2.72
282	11/24/2007 07:46	10.67	49.244	32.04	8.6	7.83	10.5	2.82
283	11/24/2007 08:01	10.65	49.405	32.15	8.56	7.83	11.2	2.92
284	11/24/2007 08:16	10.61	49.615	32.3	8.51	7.83	13.2	3.03
285	11/24/2007 08:31	10.49	49.907	32.51	8.4	7.83	12.9	3.12
286	11/24/2007 08:46	10.42	50.111	32.65	8.28	7.83	12.3	3.24
287	11/24/2007 09:01	10.39	50.216	32.72	8.19	7.82	13.5	3.35

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
288	11/24/2007 09:16	10.35	50.256	32.75	8.15	7.82	9.3	3.43
289	11/24/2007 09:31	10.34	50.284	32.77	8.15	7.82	9.0	3.53
290	11/24/2007 09:46	10.35	50.294	32.78	8.16	7.82	6.9	3.61
291	11/24/2007 10:01	10.37	50.284	32.77	8.17	7.83	6.1	3.68
292	11/24/2007 10:16	10.39	50.27	32.76	8.16	7.83	6.3	3.74
293	11/24/2007 10:31	10.41	50.229	32.73	8.16	7.83	5.0	3.78
294	11/24/2007 10:46	10.41	50.233	32.74	8.11	7.83	4.4	3.81
295	11/24/2007 11:01	10.35	50.123	32.65	8.15	7.82	5.5	3.82
296	11/24/2007 11:16	10.42	50.216	32.73	8.15	7.83	5.8	3.77
297	11/24/2007 11:31	10.43	50.19	32.71	8.24	7.83	8.0	3.72
298	11/24/2007 11:46	10.46	50.145	32.68	8.28	7.83	6.1	3.65
299	11/24/2007 12:01	10.52	50.016	32.59	8.43	7.84	6.7	3.55
300	11/24/2007 12:16	10.54	49.993	32.57	8.44	7.84	7.1	3.41
301	11/24/2007 12:31	10.52	49.846	32.46	8.42	7.83	8.8	3.29
302	11/24/2007 12:46	10.51	49.855	32.47	8.38	7.83	7.1	3.15
303	11/24/2007 13:01	10.52	49.857	32.47	8.45	7.83	8.8	3.01
304	11/24/2007 13:16	10.57	49.721	32.38	8.53	7.84	8.1	2.86
305	11/24/2007 13:31	10.68	49.636	32.32	8.66	7.85	6.5	2.73
306	11/24/2007 13:46	10.66	49.337	32.1	8.68	7.84	9.6	2.56
307	11/24/2007 14:01	10.67	49.333	32.1	8.77	7.87	8.4	2.41
308	11/24/2007 14:16	10.66	49.29	32.07	8.79	7.88	8.5	2.24
309	11/24/2007 14:31	10.7	49.243	32.04	8.84	7.88	7.9	2.09
310	11/24/2007 14:46	10.72	48.899	31.79	8.91	7.88	9.0	1.91
311	11/24/2007 15:01	10.73	48.637	31.6	8.98	7.89	10.7	1.74
312	11/24/2007 15:16	10.73	48.444	31.46	9.08	7.89	13.7	1.54
313	11/24/2007 15:31	10.75	48.423	31.45	9.13	7.87	13.1	1.37
314	11/24/2007 15:46	10.7	48.158	31.26	9.12	7.87	13.7	1.20
315	11/24/2007 16:01	10.69	47.988	31.13	9.15	7.87	13.8	0.97
316	11/24/2007 16:16	10.72	48.044	31.17	9.15	7.87	12.1	0.79
317	11/24/2007 16:31	10.72	47.958	31.11	9.14	7.89	11.8	0.64
318	11/24/2007 16:46	10.64	47.783	30.98	9.27	7.91	12.1	0.46
319	11/24/2007 17:01	10.65	47.796	30.99	9.21	7.91	9.3	0.33
320	11/24/2007 17:16	10.65	47.784	30.98	9.04	7.89	7.2	0.31
321	11/24/2007 17:31	10.33	47.368	30.67	9.41	7.93	7.2	0.28
322	11/24/2007 17:46	10.19	47.259	30.58	9.5	7.94	7.4	0.33
323	11/24/2007 18:01	10.2	47.363	30.65	9.47	7.93	8.2	0.44
324	11/24/2007 18:16	10.16	47.291	30.6	9.37	7.92	8.3	0.55
325	11/24/2007 18:31	10.13	47.244	30.56	9.32	7.92	6.9	0.63
326	11/24/2007 18:46	9.95	46.84	30.26	9.27	7.9	8.3	0.76
327	11/24/2007 19:01	10	46.816	30.25	9.24	7.9	7.7	0.80
328	11/24/2007 19:16	9.92	46.666	30.14	9.2	7.89	8.0	0.87
329	11/24/2007 19:31	10.12	46.925	30.34	9.21	7.89	7.9	0.97
330	11/24/2007 19:46	10.11	46.954	30.36	9.16	7.89	7.9	1.03
331	11/24/2007 20:01	10.06	46.744	30.2	9.18	7.88	9.7	1.17
332	11/24/2007 20:16	10.27	47.173	30.52	9.13	7.86	9.2	1.25
333	11/24/2007 20:31	10.18	47.121	30.48	9.12	7.86	9.6	1.36
334	11/24/2007 20:46	10.35	47.508	30.77	9.02	7.85	9.7	1.52
335	11/24/2007 21:01	10.39	47.713	30.92	8.96	7.85	10.3	1.63

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	
336	11/24/2007 21:16	10.54	48.055	31.17	8.88	7.84	10.6	1.74	
337	11/24/2007 21:31	10.57	48.137	31.23	8.87	7.84	11.0	1.91	
338	11/24/2007 21:46	10.59	48.236	31.3	8.82	7.84	12.0	2.00	
339	11/24/2007 22:01	10.59	48.368	31.4	8.79	7.84	11.9	2.12	
340	11/24/2007 22:16	10.6	48.419	31.44	8.74	7.83	13.7	2.24	
341	11/24/2007 22:31	10.6	48.518	31.51	8.72	7.83	15.7	2.34	
342	11/24/2007 22:46	10.59	48.798	31.71	8.68	7.83	17.6	2.42	
343	11/24/2007 23:01	10.55	49.191	31.99	8.71	7.83	18.4	2.52	
344	11/24/2007 23:16	10.53	49.387	32.13	8.73	7.83	15.9	2.61	
345	11/24/2007 23:31	10.52	49.497	32.21	8.71	7.83	13.2	2.68	
346	11/24/2007 23:46	10.53	49.562	32.26	8.71	7.84	14.3	2.76	
347	11/25/2007 00:01	10.53	49.602	32.29	8.71	7.84	12.4	2.83	
348	11/25/2007 00:16	10.54	49.687	32.35	8.71	7.84	11.6	2.89	
349	11/25/2007 00:31	10.52	49.639	32.31	8.67	7.83	6.9	2.94	
350	11/25/2007 00:46	10.55	49.726	32.38	8.64	7.84	5.8	2.98	
351	11/25/2007 01:01	10.52	49.673	32.34	8.55	7.83	6.2	2.98	
352	11/25/2007 01:16	10.53	49.616	32.3	8.62	7.83	6.9	2.95	
353	11/25/2007 01:31	10.55	49.796	32.43	8.64	7.84	6.5	2.91	
354	11/25/2007 01:46	10.48	49.475	32.19	8.61	7.83	8.2	2.88	
355	11/25/2007 02:01	10.43	49.318	32.08	8.57	7.82	8.0	2.80	
356	11/25/2007 02:16	10.47	49.375	32.12	8.62	7.83	10.5	2.70	
357	11/25/2007 02:31	10.46	49.298	32.06	8.61	7.83	10.9	2.64	
358	11/25/2007 02:46	10.42	49.121	31.93	8.57	7.82	9.1	2.52	
359	11/25/2007 03:01	10.42	49	31.85	8.59	7.82	10.0	2.44	
360	11/25/2007 03:16	10.4	48.854	31.74	8.57	7.82	9.3	2.36	
361	11/25/2007 03:31	10.4	48.835	31.73	8.55	7.82	8.3	2.29	
362	11/25/2007 03:46	10.36	48.874	31.75	8.53	7.82	7.5	2.22	
363	11/25/2007 04:01	10.38	48.749	31.66	8.59	7.82	8.5	2.17	
364	11/25/2007 04:16	10.37	48.607	31.56	8.59	7.82	7.7	2.11	
365	11/25/2007 04:31	10.32	48.582	31.54	8.54	7.82	7.4	2.06	
366	11/25/2007 04:46	10.32	48.404	31.41	8.58	7.82	7.2	2.02	
367	11/25/2007 05:01	10.29	48.276	31.32	8.58	7.82	6.6	1.98	
368	11/25/2007 05:16	10.24	48.219	31.27	8.5	7.81	5.7	1.98	
369	11/25/2007 05:31	10.22	48.168	31.23	8.39	7.8	3.9	1.99	
370	11/25/2007 05:46	10.22	48.215	31.27	8.51	7.81	6.3	1.98	
371	11/25/2007 06:01	10.25	48.326	31.35	8.52	7.81	6.5	2.01	
372	11/25/2007 06:16	10.28	48.39	31.4	8.53	7.81	6.9	2.07	
373	11/25/2007 06:31	10.29	48.5	31.48	8.56	7.81	7.3	2.13	
374	11/25/2007 06:46	10.12	48.196	31.25	8.55	7.81	10.1	2.20	
375	11/25/2007 07:01	10.15	48.349	31.36	8.56	7.81	8.3	2.27	
376	11/25/2007 07:16	10.31	48.687	31.61	8.54	7.81	8.5	2.36	
377	11/25/2007 07:31	10.35	48.903	31.77	8.55	7.82	8.6	2.45	
378	11/25/2007 07:46	10.39	49.153	31.95	8.59	7.82	8.3	2.54	
379	11/25/2007 08:01	10.43	49.299	32.06	8.62	7.83	7.9	2.63	
380	11/25/2007 08:16	10.44	49.391	32.13	8.62	7.83	8.5	2.72	
381	11/25/2007 08:31	10.45	49.478	32.19	8.62	7.83	9.7	2.83	
382	11/25/2007 08:46	10.45	49.606	32.29	8.56	7.83	11.3	2.91	
383	11/25/2007 09:01	10.45	49.785	32.42	8.49	7.83	10.7	3.03	

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
384	11/25/2007 09:16	10.41	49.973	32.55	8.39	7.82	12.5	3.14
385	11/25/2007 09:31	10.36	50.179	32.69	8.28	7.82	12.5	3.24
386	11/25/2007 09:46	10.34	50.25	32.74	8.24	7.81	11.4	3.35
387	11/25/2007 10:01	10.32	50.299	32.78	8.25	7.81	11.6	3.44
388	11/25/2007 10:16	10.31	50.327	32.8	8.23	7.81	9.0	3.54
389	11/25/2007 10:31	10.32	50.347	32.81	8.24	7.81	8.4	3.62
390	11/25/2007 10:46	10.34	50.347	32.82	8.25	7.81	7.0	3.69
391	11/25/2007 11:01	10.35	50.314	32.79	8.27	7.81	6.1	3.74
392	11/25/2007 11:16	10.36	50.327	32.8	8.27	7.81	5.1	3.79
393	11/25/2007 11:31	10.36	50.351	32.82	8.26	7.81	3.9	3.82
394	11/25/2007 11:46	10.37	50.233	32.73	8.29	7.81	5.7	3.82
395	11/25/2007 12:01	10.38	50.299	32.78	8.29	7.81	6.1	3.79
396	11/25/2007 12:16	10.41	50.288	32.78	8.32	7.82	5.6	3.75
397	11/25/2007 12:31	10.43	50.287	32.78	8.35	7.82	6.9	3.67
398	11/25/2007 12:46	10.59	50.161	32.7	8.47	7.83	6.5	3.56
399	11/25/2007 13:01	10.69	50.134	32.68	8.54	7.83	6.7	3.44
400	11/25/2007 13:16	10.72	49.948	32.55	8.63	7.84	7.4	3.31
401	11/25/2007 13:31	10.65	49.911	32.52	8.57	7.84	8.2	3.18
402	11/25/2007 13:46	10.65	49.849	32.47	8.62	7.84	8.6	3.03
403	11/25/2007 14:01	10.65	49.902	32.51	8.62	7.84	7.4	2.88
404	11/25/2007 14:16	10.73	49.669	32.35	8.8	7.85	7.2	2.74
405	11/25/2007 14:31	10.78	49.652	32.34	8.82	7.85	9.7	2.61
406	11/25/2007 14:46	10.77	49.47	32.21	8.88	7.85	8.5	2.42
407	11/25/2007 15:01	10.76	49.568	32.28	8.89	7.86	7.6	2.27
408	11/25/2007 15:16	10.81	49.326	32.1	8.98	7.86	8.9	2.11
409	11/25/2007 15:31	10.76	48.948	31.83	9	7.86	9.2	1.93
410	11/25/2007 15:46	10.76	48.805	31.73	9.02	7.86	10.6	1.76
411	11/25/2007 16:01	10.76	48.733	31.67	9.1	7.86	12.1	1.59
412	11/25/2007 16:16	10.76	48.636	31.6	9.19	7.9	12.7	1.40
413	11/25/2007 16:31	10.73	48.549	31.54	9.23	7.9	12.0	1.21
414	11/25/2007 16:46	10.7	48.364	31.4	9.28	7.9	12.5	1.03
415	11/25/2007 17:01	10.72	48.467	31.48	9.19	7.9	11.7	0.84
416	11/25/2007 17:16	10.7	48.352	31.39	9.23	7.9	11.8	0.65
417	11/25/2007 17:31	10.68	48.179	31.27	9.29	7.9	14.9	0.47
418	11/25/2007 17:46	10.61	48.039	31.16	9.34	7.91	11.9	0.32
419	11/25/2007 18:01	10.57	47.874	31.04	9.22	7.9	7.4	0.24
420	11/25/2007 18:16	10.5	47.878	31.04	9.3	7.91	10.9	0.22
421	11/25/2007 18:31	10.31	47.532	30.78	9.45	7.92	8.3	0.28
422	11/25/2007 18:46	10.38	47.646	30.87	9.47	7.92	7.3	0.39
423	11/25/2007 19:01	10.25	47.537	30.78	9.35	7.91	7.6	0.48
424	11/25/2007 19:16	10.3	47.54	30.79	9.31	7.91	6.6	0.61
425	11/25/2007 19:31	10.3	47.579	30.82	9.33	7.91	7.0	0.70
426	11/25/2007 19:46	10.21	47.261	30.58	9.28	7.89	6.3	0.77
427	11/25/2007 20:01	10.13	47.224	30.55	9.18	7.88	5.0	0.83
428	11/25/2007 20:16	10.2	47.011	30.4	9.24	7.88	8.2	0.91
429	11/25/2007 20:31	10.28	47.203	30.54	9.27	7.86	8.3	0.98
430	11/25/2007 20:46	10.29	47.264	30.59	9.28	7.86	8.4	1.09
431	11/25/2007 21:01	10.2	46.96	30.36	9.28	7.85	8.7	1.20

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
432	11/25/2007 21:16	10.32	47.268	30.59	9.27	7.86	8.8	1.30
433	11/25/2007 21:31	10.39	47.495	30.76	9.22	7.86	8.8	1.44
434	11/25/2007 21:46	10.44	47.683	30.9	9.15	7.85	9.4	1.57
435	11/25/2007 22:01	10.58	48.125	31.22	9.07	7.85	10.5	1.69
436	11/25/2007 22:16	10.67	48.302	31.36	9.03	7.85	10.3	1.81
437	11/25/2007 22:31	10.67	48.446	31.46	9.01	7.85	9.7	1.95
438	11/25/2007 22:46	10.66	48.516	31.51	9	7.85	11.2	2.07
439	11/25/2007 23:01	10.66	48.627	31.59	8.95	7.85	12.3	2.17
440	11/25/2007 23:16	10.67	48.705	31.65	8.91	7.84	12.1	2.29
441	11/25/2007 23:31	10.65	48.87	31.77	8.85	7.84	14.3	2.39
442	11/25/2007 23:46	10.64	49.097	31.93	8.82	7.84	15.2	2.48
443	11/26/2007 00:01	10.61	49.381	32.13	8.81	7.83	13.0	2.57
444	11/26/2007 00:16	10.59	49.508	32.22	8.8	7.83	12.9	2.66
445	11/26/2007 00:31	10.58	49.609	32.3	8.77	7.83	10.7	2.73
446	11/26/2007 00:46	10.57	49.662	32.33	8.75	7.83	10.4	2.80
447	11/26/2007 01:01	10.56	49.658	32.33	8.74	7.83	9.4	2.85
448	11/26/2007 01:16	10.54	49.728	32.38	8.71	7.83	7.7	2.90
449	11/26/2007 01:31	10.52	49.797	32.43	8.68	7.83	6.2	2.94
450	11/26/2007 01:46	10.52	49.848	32.46	8.6	7.82	4.6	2.98
451	11/26/2007 02:01	10.54	49.666	32.33	8.68	7.83	7.2	2.97
452	11/26/2007 02:16	10.52	49.892	32.5	8.67	7.83	6.5	2.96
453	11/26/2007 02:31	10.53	49.836	32.46	8.69	7.83	8.3	2.90
454	11/26/2007 02:46	10.46	49.227	32.01	8.63	7.82	8.3	2.85
455	11/26/2007 03:01	10.52	49.328	32.09	8.64	7.82	8.0	2.77
456	11/26/2007 03:16	10.52	49.333	32.09	8.67	7.82	9.4	2.67
457	11/26/2007 03:31	10.49	49.18	31.98	8.64	7.82	8.2	2.59
458	11/26/2007 03:46	10.5	49.113	31.93	8.66	7.82	9.4	2.50
459	11/26/2007 04:01	10.49	49.019	31.86	8.66	7.82	9.3	2.42
460	11/26/2007 04:16	10.5	48.954	31.82	8.65	7.82	8.4	2.33
461	11/26/2007 04:31	10.51	48.947	31.81	8.63	7.82	7.7	2.28
462	11/26/2007 04:46	10.48	48.951	31.81	8.63	7.81	7.3	2.21
463	11/26/2007 05:01	10.53	48.83	31.73	8.69	7.82	7.7	2.15
464	11/26/2007 05:16	10.52	48.781	31.69	8.7	7.82	7.3	2.11
465	11/26/2007 05:31	10.52	48.656	31.6	8.7	7.82	6.7	2.08
466	11/26/2007 05:46	10.49	48.516	31.5	8.69	7.82	6.6	2.02
467	11/26/2007 06:01	10.45	48.432	31.44	8.66	7.82	5.8	2.02
468	11/26/2007 06:16	10.41	48.323	31.36	8.61	7.82	5.1	2.00
469	11/26/2007 06:31	10.39	48.316	31.35	8.45	7.8	3.6	2.00
470	11/26/2007 06:46	10.43	48.467	31.46	8.63	7.82	6.5	2.04
471	11/26/2007 07:01	10.43	48.561	31.53	8.61	7.81	6.4	2.07
472	11/26/2007 07:16	10.47	48.618	31.57	8.68	7.82	6.6	2.13
473	11/26/2007 07:31	10.38	48.529	31.5	8.67	7.82	7.9	2.20
474	11/26/2007 07:46	10.33	48.405	31.41	8.66	7.81	8.3	2.27
475	11/26/2007 08:01	10.42	48.68	31.61	8.66	7.82	8.6	2.36
476	11/26/2007 08:16	10.46	48.867	31.75	8.65	7.82	7.7	2.43
477	11/26/2007 08:31	10.49	49.108	31.93	8.65	7.82	8.3	2.52
478	11/26/2007 08:46	10.5	49.316	32.08	8.69	7.82	8.0	2.61
479	11/26/2007 09:01	10.52	49.462	32.19	8.7	7.83	7.4	2.69

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
480	11/26/2007 09:16	10.52	49.546	32.25	8.72	7.83	8.5	2.78
481	11/26/2007 09:31	10.51	49.643	32.32	8.73	7.83	8.7	2.89
482	11/26/2007 09:46	10.51	49.787	32.42	8.73	7.83	9.3	2.98
483	11/26/2007 10:01	10.51	49.87	32.48	8.73	7.83	10.1	3.08
484	11/26/2007 10:16	10.49	50.022	32.59	8.7	7.83	10.1	3.18
485	11/26/2007 10:31	10.48	50.161	32.69	8.66	7.83	9.0	3.27
486	11/26/2007 10:46	10.48	50.222	32.73	8.62	7.83	8.8	3.36
487	11/26/2007 11:01	10.48	50.234	32.74	8.59	7.83	7.9	3.45
488	11/26/2007 11:16	10.48	50.295	32.79	8.52	7.83	7.4	3.53
489	11/26/2007 11:31	10.48	50.299	32.79	8.49	7.83	5.8	3.59
490	11/26/2007 11:46	10.49	50.282	32.78	8.49	7.83	5.4	3.65
491	11/26/2007 12:01	10.5	50.299	32.79	8.45	7.83	4.5	3.71
492	11/26/2007 12:16	10.5	50.31	32.8	8.38	7.82	3.3	3.73
493	11/26/2007 12:31	10.5	50.175	32.7	8.52	7.82	5.7	3.72
494	11/26/2007 12:46	10.5	50.293	32.79	8.45	7.82	5.2	3.71
495	11/26/2007 13:01	10.56	50.247	32.76	8.52	7.83	5.7	3.66
496	11/26/2007 13:16	10.72	50.184	32.72	8.9	7.85	6.0	3.59
497	11/26/2007 13:31	10.63	50.166	32.7	8.68	7.84	5.7	3.52
498	11/26/2007 13:46	10.72	50.063	32.63	8.94	7.85	7.1	3.40
499	11/26/2007 14:01	10.66	50.05	32.62	8.81	7.84	7.7	3.27
500	11/26/2007 14:16	10.63	50.007	32.59	8.8	7.84	7.5	3.16
501	11/26/2007 14:31	10.64	49.901	32.51	8.79	7.84	6.8	3.01
502	11/26/2007 14:46	10.65	49.844	32.47	8.9	7.84	7.3	2.85
503	11/26/2007 15:01	10.72	49.618	32.31	9.07	7.86	6.8	2.73
504	11/26/2007 15:16	10.72	49.744	32.4	9.04	7.86	7.2	2.58
505	11/26/2007 15:31	10.71	49.608	32.3	9.08	7.88	6.8	2.40
506	11/26/2007 15:46	10.69	49.432	32.17	9.06	7.88	8.8	2.25
507	11/26/2007 16:01	10.68	49.53	32.24	9.02	7.88	8.1	2.12
508	11/26/2007 16:16	10.68	49.289	32.07	9.05	7.88	8.3	1.95
509	11/26/2007 16:31	10.67	49.033	31.88	9.04	7.88	10.1	1.79
510	11/26/2007 16:46	10.64	49.123	31.95	9.05	7.88	12.4	1.62
511	11/26/2007 17:01	10.63	48.838	31.74	9.12	7.87	11.6	1.44
512	11/26/2007 17:16	10.63	48.766	31.69	9.11	7.86	12.3	1.26
513	11/26/2007 17:31	10.63	48.509	31.5	9.17	7.86	12.1	1.06
514	11/26/2007 17:46	10.63	48.509	31.5	9.12	7.86	11.4	0.87
515	11/26/2007 18:01	10.63	48.51	31.5	9.1	7.86	11.7	0.70
516	11/26/2007 18:16	10.61	48.317	31.36	9.11	7.88	19.8	0.53
517	11/26/2007 18:31	10.58	48.227	31.3	9.07	7.87	12.1	0.39
518	11/26/2007 18:46	10.55	48.173	31.26	8.96	7.87	12.5	0.36
519	11/26/2007 19:01	10.48	48.09	31.19	9.01	7.87	7.6	0.33
520	11/26/2007 19:16	10.4	47.85	31.02	9.07	7.88	7.0	0.38
521	11/26/2007 19:31	10.4	47.813	30.99	9.11	7.88	7.9	0.46
522	11/26/2007 19:46	10.39	47.821	30.99	9.06	7.87	7.7	0.56
523	11/26/2007 20:01	10.38	47.805	30.98	8.96	7.86	5.4	0.62
524	11/26/2007 20:16	10.39	47.825	31	9	7.87	6.2	0.73
525	11/26/2007 20:31	10.29	47.513	30.77	9	7.85	6.8	0.76
526	11/26/2007 20:46	10.35	47.695	30.9	8.92	7.85	6.3	0.83
527	11/26/2007 21:01	10.16	47.216	30.55	9.04	7.84	9.1	0.94

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
528	11/26/2007 21:16	10.36	47.565	30.81	9.04	7.85	8.0	0.98
529	11/26/2007 21:31	10.28	47.366	30.66	9.07	7.84	8.6	1.11
530	11/26/2007 21:46	10.33	47.473	30.74	9.05	7.82	8.8	1.23
531	11/26/2007 22:01	10.4	47.673	30.89	9.05	7.83	9.0	1.32
532	11/26/2007 22:16	10.38	47.663	30.88	9.06	7.83	8.7	1.45
533	11/26/2007 22:31	10.5	48.11	31.21	9.04	7.84	9.5	1.57
534	11/26/2007 22:46	10.56	48.332	31.37	9.04	7.84	9.7	1.70
535	11/26/2007 23:01	10.63	48.53	31.52	9.01	7.84	9.4	1.82
536	11/26/2007 23:16	10.65	48.562	31.54	9	7.84	9.0	1.94
537	11/26/2007 23:31	10.66	48.641	31.6	9	7.84	10.1	2.06
538	11/26/2007 23:46	10.66	48.748	31.68	8.98	7.84	9.9	2.17
539	11/27/2007 00:01	10.66	48.841	31.75	8.96	7.84	11.9	2.27
540	11/27/2007 00:16	10.66	48.911	31.8	8.93	7.84	11.0	2.37
541	11/27/2007 00:31	10.64	49.089	31.92	8.91	7.84	12.1	2.47
542	11/27/2007 00:46	10.6	49.359	32.12	8.83	7.83	11.8	2.55
543	11/27/2007 01:01	10.58	49.553	32.25	8.77	7.83	11.2	2.63
544	11/27/2007 01:16	10.56	49.639	32.32	8.76	7.83	10.5	2.71
545	11/27/2007 01:31	10.57	49.69	32.35	8.75	7.83	10.1	2.77
546	11/27/2007 01:46	10.56	49.729	32.38	8.73	7.83	9.0	2.84
547	11/27/2007 02:01	10.53	49.82	32.45	8.66	7.83	8.0	2.91
548	11/27/2007 02:16	10.51	49.871	32.48	8.58	7.83	6.0	2.94
549	11/27/2007 02:31	10.51	49.849	32.46	8.47	7.82	4.1	2.97
550	11/27/2007 02:46	10.54	49.621	32.3	8.5	7.82	5.7	3.00
551	11/27/2007 03:01	10.52	49.812	32.44	8.56	7.82	6.6	2.97
552	11/27/2007 03:16	10.5	49.926	32.52	8.54	7.82	6.2	2.93
553	11/27/2007 03:31	10.51	49.839	32.46	8.55	7.82	7.4	2.88
554	11/27/2007 03:46	10.54	49.511	32.22	8.61	7.82	8.2	2.82
555	11/27/2007 04:01	10.56	49.475	32.2	8.64	7.82	10.1	2.73
556	11/27/2007 04:16	10.55	49.434	32.17	8.64	7.82	9.6	2.66
557	11/27/2007 04:31	10.55	49.334	32.09	8.66	7.82	10.2	2.57
558	11/27/2007 04:46	10.56	49.274	32.05	8.67	7.82	8.4	2.50
559	11/27/2007 05:01	10.56	49.195	32	8.69	7.82	10.1	2.42
560	11/27/2007 05:16	10.53	49.251	32.03	8.67	7.82	16.2	2.35
561	11/27/2007 05:31	10.5	49.392	32.13	8.65	7.82	18.0	2.28
562	11/27/2007 05:46	10.48	49.293	32.06	8.66	7.81	14.6	2.23
563	11/27/2007 06:01	10.5	48.974	31.83	8.74	7.82	13.5	2.18
564	11/27/2007 06:16	10.49	48.851	31.74	8.76	7.82	12.5	2.12
565	11/27/2007 06:31	10.5	48.724	31.65	8.74	7.82	11.6	2.07
566	11/27/2007 06:46	10.48	48.619	31.57	8.71	7.81	10.8	2.05
567	11/27/2007 07:01	10.47	48.572	31.54	8.68	7.81	10.5	2.04
568	11/27/2007 07:16	10.46	48.549	31.52	8.62	7.81	8.6	2.03
569	11/27/2007 07:31	10.43	48.595	31.55	8.48	7.79	6.9	2.04
570	11/27/2007 07:46	10.44	48.641	31.59	8.66	7.81	10.0	2.08
571	11/27/2007 08:01	10.45	48.684	31.62	8.7	7.81	11.0	2.13
572	11/27/2007 08:16	10.47	48.666	31.61	8.7	7.81	10.1	2.16
573	11/27/2007 08:31	10.47	48.759	31.67	8.71	7.81	11.0	2.24
574	11/27/2007 08:46	10.4	48.511	31.49	8.69	7.8	10.3	2.32
575	11/27/2007 09:01	10.48	48.821	31.72	8.7	7.81	11.0	2.38

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
576	11/27/2007 09:16	10.5	49.013	31.86	8.69	7.82	9.8	2.46
577	11/27/2007 09:31	10.5	49.095	31.92	8.68	7.82	8.7	2.55
578	11/27/2007 09:46	10.5	49.422	32.16	8.65	7.82	8.6	2.62
579	11/27/2007 10:01	10.51	49.498	32.21	8.65	7.82	7.8	2.71
580	11/27/2007 10:16	10.51	49.575	32.27	8.62	7.82	8.2	2.79
581	11/27/2007 10:31	10.51	49.619	32.3	8.62	7.82	7.2	2.89
582	11/27/2007 10:46	10.49	49.712	32.36	8.59	7.82	7.4	2.97
583	11/27/2007 11:01	10.48	49.803	32.43	8.53	7.82	7.9	3.06
584	11/27/2007 11:16	10.47	49.879	32.48	8.51	7.82	7.6	3.16
585	11/27/2007 11:31	10.44	50.024	32.59	8.43	7.82	8.0	3.24
586	11/27/2007 11:46	10.42	50.176	32.7	8.39	7.82	7.0	3.32
587	11/27/2007 12:01	10.41	50.283	32.77	8.34	7.82	6.4	3.40
588	11/27/2007 12:16	10.4	50.287	32.78	8.31	7.82	5.7	3.46
589	11/27/2007 12:31	10.4	50.299	32.78	8.27	7.81	4.9	3.52
590	11/27/2007 12:46	10.41	50.319	32.8	8.25	7.81	4.7	3.56
591	11/27/2007 13:01	10.42	50.304	32.79	8.16	7.81	3.5	3.58
592	11/27/2007 13:16	10.45	50.232	32.74	8.29	7.82	4.6	3.59
593	11/27/2007 13:31	10.41	50.318	32.8	8.21	7.81	4.7	3.57
594	11/27/2007 13:46	10.42	50.3	32.79	8.26	7.81	6.6	3.54
595	11/27/2007 14:01	10.59	50.199	32.72	8.63	7.83	21.6	3.48
596	11/27/2007 14:16	10.58	50.213	32.73	8.63	7.83	16.8	3.39
597	11/27/2007 14:31	10.59	50.223	32.74	8.63	7.83	18.9	3.30
598	11/27/2007 14:46	10.6	50.117	32.67	8.63	7.82	27.3	3.20
599	11/27/2007 15:01	10.62	49.973	32.56	8.62	7.82	40.0	3.09
600	11/27/2007 15:16	10.62	49.714	32.37	8.69	7.83	32.8	2.96
601	11/27/2007 15:31	10.65	49.581	32.28	8.71	7.83	41.3	2.84
602	11/27/2007 15:46	10.64	49.677	32.35	8.71	7.82	57.7	2.72
603	11/27/2007 16:01	10.59	49.865	32.48	8.65	7.82	64.1	2.59
604	11/27/2007 16:16	10.58	49.44	32.17	8.69	7.82	70.2	2.46
605	11/27/2007 16:31	10.53	49.679	32.34	8.72	7.82	60.6	2.32
606	11/27/2007 16:46	10.51	49.599	32.28	8.78	7.82	58.4	2.17
607	11/27/2007 17:01	10.47	49.49	32.2	8.83	7.82	61.5	2.03
608	11/27/2007 17:16	10.5	48.919	31.79	8.92	7.82	54.3	1.85
609	11/27/2007 17:31	10.49	48.844	31.74	8.93	7.82	57.1	1.69
610	11/27/2007 17:46	10.47	48.789	31.7	8.92	7.84	50.6	1.52
611	11/27/2007 18:01	10.48	48.687	31.62	8.91	7.84	53.2	1.36
612	11/27/2007 18:16	10.54	48.572	31.54	8.93	7.84	51.9	1.19
613	11/27/2007 18:31	10.54	48.567	31.54	8.92	7.84	47.6	1.05
614	11/27/2007 18:46	10.54	48.596	31.56	8.87	7.84	39.2	0.88
615	11/27/2007 19:01	10.52	48.542	31.52	8.85	7.84	36.9	0.71
616	11/27/2007 19:16	10.54	48.377	31.4	8.87	7.84	34.7	0.59
617	11/27/2007 19:31	10.54	48.093	31.2	8.79	7.84	26.8	0.47
618	11/27/2007 19:46	10.49	47.886	31.05	8.71	7.83	16.8	0.43
619	11/27/2007 20:01	10.43	47.853	31.02	8.59	7.82	17.3	0.46
620	11/27/2007 20:16	10.44	47.839	31.01	8.84	7.81	17.3	0.53
621	11/27/2007 20:31	10.4	47.856	31.02	8.81	7.81	17.6	0.60
622	11/27/2007 20:46	10.39	47.852	31.02	8.79	7.8	18.9	0.68
623	11/27/2007 21:01	10.42	47.864	31.03	8.77	7.8	17.0	0.79

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
624	11/27/2007 21:16	10.45	47.915	31.07	8.76	7.8	14.3	0.81
625	11/27/2007 21:31	10.27	47.586	30.82	8.66	7.78	14.3	0.88
626	11/27/2007 21:46	10.14	46.98	30.38	8.86	7.77	16.3	0.94
627	11/27/2007 22:01	10.38	47.572	30.81	8.84	7.79	16.3	1.03
628	11/27/2007 22:16	10.43	47.55	30.8	8.84	7.79	19.1	1.13
629	11/27/2007 22:31	10.37	47.348	30.65	8.88	7.79	17.9	1.20
630	11/27/2007 22:46	10.3	47.191	30.54	8.88	7.78	17.0	1.31
631	11/27/2007 23:01	10.49	47.882	31.04	8.86	7.8	22.5	1.44
632	11/27/2007 23:16	10.44	47.941	31.08	8.88	7.8	20.2	1.55
633	11/27/2007 23:31	10.44	47.874	31.04	8.92	7.8	17.3	1.65
634	11/27/2007 23:46	10.48	48.097	31.2	8.93	7.81	16.6	1.77
635	11/28/2007 00:01	10.59	48.569	31.55	8.98	7.83	29.1	1.89
636	11/28/2007 00:16	10.57	48.713	31.65	8.99	7.83	29.0	2.01
637	11/28/2007 00:31	10.56	48.779	31.7	8.96	7.83	22.1	2.10
638	11/28/2007 00:46	10.55	48.851	31.75	8.94	7.82	24.9	2.23
639	11/28/2007 01:01	10.52	48.887	31.77	8.92	7.82	27.8	2.31
640	11/28/2007 01:16	10.55	48.923	31.8	8.89	7.82	29.2	2.40
641	11/28/2007 01:31	10.51	49.082	31.91	8.88	7.82	27.7	2.46
642	11/28/2007 01:46	10.51	49.267	32.04	8.87	7.82	27.1	2.56
643	11/28/2007 02:01	10.45	49.46	32.18	8.92	7.82	20.6	2.63
644	11/28/2007 02:16	10.41	49.613	32.29	8.99	7.82	18.3	2.68
645	11/28/2007 02:31	10.39	49.729	32.37	9.03	7.82	17.1	2.75
646	11/28/2007 02:46	10.37	49.763	32.39	9.01	7.82	14.9	2.81
647	11/28/2007 03:01	10.36	49.733	32.37	9	7.82	11.3	2.86
648	11/28/2007 03:16	10.35	49.828	32.44	8.94	7.82	7.6	2.88
649	11/28/2007 03:31	10.34	49.622	32.29	8.9	7.82	9.0	2.91
650	11/28/2007 03:46	10.35	49.694	32.34	8.92	7.82	9.3	2.91
651	11/28/2007 04:01	10.35	49.767	32.4	8.94	7.82	10.0	2.87
652	11/28/2007 04:16	10.33	49.794	32.41	8.96	7.82	10.2	2.83
653	11/28/2007 04:31	10.23	49.569	32.24	8.88	7.81	12.7	2.77
654	11/28/2007 04:46	10.25	49.517	32.21	8.84	7.81	11.4	2.73
655	11/28/2007 05:01	10.21	49.454	32.16	8.87	7.81	13.3	2.65
656	11/28/2007 05:16	10.21	49.357	32.09	8.84	7.81	14.2	2.55
657	11/28/2007 05:31	10.14	49.168	31.95	8.79	7.81	16.0	2.50
658	11/28/2007 05:46	10.05	49.063	31.87	8.75	7.8	13.0	2.41
659	11/28/2007 06:01	10.05	48.995	31.82	8.72	7.8	11.9	2.36
660	11/28/2007 06:16	10.07	48.971	31.8	8.72	7.8	11.5	2.30
661	11/28/2007 06:31	9.99	49.003	31.82	8.68	7.8	9.7	2.24
662	11/28/2007 06:46	9.97	48.959	31.79	8.69	7.8	9.3	2.19
663	11/28/2007 07:01	10.11	48.941	31.78	8.73	7.81	10.1	2.14
664	11/28/2007 07:16	10.09	48.853	31.72	8.74	7.8	10.4	2.10
665	11/28/2007 07:31	10.07	48.811	31.69	8.71	7.8	9.6	2.08
666	11/28/2007 07:46	10.05	48.715	31.62	8.7	7.8	8.2	2.05
667	11/28/2007 08:01	10.04	48.749	31.64	8.66	7.8	7.3	2.04
668	11/28/2007 08:16	9.98	48.718	31.62	8.48	7.78	6.3	2.05
669	11/28/2007 08:31	9.98	48.719	31.62	8.61	7.79	7.0	2.05
670	11/28/2007 08:46	9.98	48.793	31.67	8.68	7.8	7.2	2.09
671	11/28/2007 09:01	10.02	48.85	31.71	8.71	7.8	9.6	2.15

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
672	11/28/2007 09:16	10.1	48.928	31.77	8.76	7.81	10.1	2.19
673	11/28/2007 09:31	9.96	48.751	31.64	8.76	7.8	10.7	2.23
674	11/28/2007 09:46	9.97	48.701	31.6	8.74	7.8	9.9	2.31
675	11/28/2007 10:01	10.08	48.891	31.75	8.77	7.8	11.8	2.38
676	11/28/2007 10:16	10.14	49.078	31.88	8.78	7.81	11.1	2.44
677	11/28/2007 10:31	10.17	49.301	32.05	8.82	7.81	11.5	2.52
678	11/28/2007 10:46	10.21	49.422	32.14	8.9	7.81	10.4	2.58
679	11/28/2007 11:01	10.27	49.551	32.23	8.96	7.82	10.5	2.64
680	11/28/2007 11:16	10.3	49.573	32.25	8.99	7.82	9.9	2.74
681	11/28/2007 11:31	10.3	49.671	32.32	9.01	7.82	10.9	2.81
682	11/28/2007 11:46	10.28	49.745	32.38	9.03	7.82	10.2	2.88
683	11/28/2007 12:01	10.27	49.842	32.44	9.05	7.82	10.0	2.95
684	11/28/2007 12:16	10.25	49.954	32.52	9.02	7.82	9.7	3.03
685	11/28/2007 12:31	10.24	49.976	32.54	8.99	7.82	9.3	3.10
686	11/28/2007 12:46	10.18	50.09	32.62	8.89	7.81	9.9	3.15
687	11/28/2007 13:01	10.13	50.163	32.67	8.77	7.8	9.7	3.22
688	11/28/2007 13:16	10.07	50.257	32.73	8.63	7.79	7.6	3.28
689	11/28/2007 13:31	10.07	50.265	32.74	8.57	7.79	6.5	3.30
690	11/28/2007 13:46	10.07	50.292	32.76	8.46	7.79	5.0	3.34
691	11/28/2007 14:01	10.06	50.326	32.78	8.36	7.78	6.1	3.37
692	11/28/2007 14:16	10.15	50.17	32.67	8.69	7.8	6.9	3.35
693	11/28/2007 14:31	10.04	50.331	32.78	8.43	7.78	7.9	3.32
694	11/28/2007 14:46	10.07	50.306	32.77	8.45	7.78	7.0	3.30
695	11/28/2007 15:01	10.1	50.27	32.74	8.48	7.79	7.4	3.24
696	11/28/2007 15:16	10.56	49.827	32.45	9.22	7.85	7.7	3.14
697	11/28/2007 15:31	10.55	49.759	32.4	9.3	7.84	9.9	3.07
698	11/28/2007 15:46	10.5	49.732	32.38	9.21	7.84	9.7	2.98
699	11/28/2007 16:01	10.44	49.705	32.36	9.18	7.83	11.4	2.85
700	11/28/2007 16:16	10.45	49.613	32.29	9.21	7.84	12.3	2.74
701	11/28/2007 16:31	10.45	49.56	32.25	9.18	7.84	9.7	2.67
702	11/28/2007 16:46	10.47	49.442	32.17	9.22	7.84	9.1	2.54
703	11/28/2007 17:01	10.46	49.491	32.2	9.21	7.84	10.5	2.41
704	11/28/2007 17:16	10.43	49.512	32.22	9.1	7.83	11.7	2.31
705	11/28/2007 17:31	10.41	49.561	32.25	9.07	7.83	10.7	2.18
706	11/28/2007 17:46	10.41	49.409	32.14	9.05	7.83	10.2	2.03
707	11/28/2007 18:01	10.42	49.176	31.97	9.06	7.83	12.4	1.91
708	11/28/2007 18:16	10.4	49.1	31.92	9.05	7.83	14.3	1.76
709	11/28/2007 18:31	10.37	49.016	31.85	9.05	7.83	17.1	1.62
710	11/28/2007 18:46	10.38	48.883	31.76	9.02	7.83	16.3	1.46
711	11/28/2007 19:01	10.39	48.758	31.67	9.03	7.83	15.3	1.30
712	11/28/2007 19:16	10.39	48.648	31.59	9.07	7.83	15.5	1.18
713	11/28/2007 19:31	10.38	48.578	31.54	9.05	7.83	20.3	1.04
714	11/28/2007 19:46	10.36	48.48	31.47	9.06	7.83	14.4	0.90
715	11/28/2007 20:01	10.34	48.42	31.42	9.07	7.85	13.5	0.81
716	11/28/2007 20:16	10.31	48.305	31.34	9.09	7.85	12.2	0.73
717	11/28/2007 20:31	10.27	48.2	31.26	9.12	7.85	8.5	0.68
718	11/28/2007 20:46	10.27	48.299	31.33	8.98	7.84	7.1	0.68
719	11/28/2007 21:01	10.2	48.109	31.19	9.11	7.85	7.5	0.71

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
720	11/28/2007 21:16	10.2	48.138	31.21	9.18	7.86	8.3	0.78
721	11/28/2007 21:31	10.23	48.195	31.25	9.18	7.83	11.5	0.84
722	11/28/2007 21:46	10.22	48.194	31.25	9.16	7.83	7.8	0.91
723	11/28/2007 22:01	10.22	48.23	31.28	9.15	7.83	7.2	0.97
724	11/28/2007 22:16	10.17	48.01	31.12	9.17	7.82	8.2	1.06
725	11/28/2007 22:31	10.02	47.524	30.76	9.2	7.81	9.2	1.11
726	11/28/2007 22:46	10.08	47.678	30.87	9.19	7.81	8.1	1.16
727	11/28/2007 23:01	10.11	47.613	30.83	9.17	7.81	8.8	1.25
728	11/28/2007 23:16	10.1	47.471	30.73	9.18	7.81	9.2	1.33
729	11/28/2007 23:31	10.04	47.177	30.51	9.19	7.8	10.2	1.43
730	11/28/2007 23:46	10.24	48.098	31.18	9.14	7.82	9.4	1.52
731	11/29/2007 00:01	10.22	47.973	31.09	9.15	7.82	9.7	1.63
732	11/29/2007 00:16	10.26	48.155	31.23	9.12	7.82	11.0	1.73
733	11/29/2007 00:31	10.31	48.321	31.35	9.11	7.82	10.7	1.82
734	11/29/2007 00:46	10.39	48.693	31.62	9.12	7.83	19.0	1.95
735	11/29/2007 01:01	10.41	48.808	31.71	9.12	7.83	14.2	2.05
736	11/29/2007 01:16	10.42	48.895	31.77	9.12	7.83	12.4	2.15
737	11/29/2007 01:31	10.42	48.977	31.83	9.11	7.83	23.3	2.24
738	11/29/2007 01:46	10.41	49.033	31.87	9.1	7.83	14.8	2.33
739	11/29/2007 02:01	10.41	49.114	31.93	9.09	7.83	17.0	2.41
740	11/29/2007 02:16	10.39	49.232	32.01	9.09	7.83	15.1	2.49
741	11/29/2007 02:31	10.36	49.348	32.09	9.09	7.82	14.1	2.57
742	11/29/2007 02:46	10.32	49.534	32.22	9.08	7.82	14.1	2.63
743	11/29/2007 03:01	10.26	49.737	32.37	9.04	7.81	13.8	2.70
744	11/29/2007 03:16	10.21	49.846	32.44	9.02	7.81	13.0	2.77
745	11/29/2007 03:31	10.18	49.939	32.51	8.96	7.81	10.3	2.83
746	11/29/2007 03:46	10.15	49.988	32.54	8.9	7.8	8.5	2.87
747	11/29/2007 04:01	10.13	50.017	32.56	8.84	7.8	6.5	2.90
748	11/29/2007 04:16	10.11	50.028	32.57	8.77	7.79	6.8	2.94
749	11/29/2007 04:31	10.16	49.892	32.47	8.76	7.8	5.8	2.94
750	11/29/2007 04:46	10.12	50.023	32.57	8.84	7.79	7.4	2.91
751	11/29/2007 05:01	10.09	50.09	32.61	8.85	7.79	7.5	2.91
752	11/29/2007 05:16	10.11	50.064	32.59	8.84	7.8	8.3	2.85
753	11/29/2007 05:31	10.15	49.794	32.4	8.88	7.8	8.0	2.79
754	11/29/2007 05:46	10.17	49.7	32.34	8.91	7.8	8.5	2.73
755	11/29/2007 06:01	10.16	49.607	32.27	8.91	7.8	9.9	2.66
756	11/29/2007 06:16	10.08	49.578	32.24	8.89	7.8	9.2	2.58
757	11/29/2007 06:31	10.13	49.477	32.17	8.9	7.8	9.4	2.52
758	11/29/2007 06:46	10.11	49.433	32.14	8.9	7.8	9.6	2.44
759	11/29/2007 07:01	10.11	49.389	32.11	8.88	7.8	8.5	2.38
760	11/29/2007 07:16	10.11	49.297	32.04	8.85	7.8	8.2	2.32
761	11/29/2007 07:31	10.08	49.235	31.99	8.83	7.8	7.8	2.27
762	11/29/2007 07:46	10.07	49.236	31.99	8.86	7.8	7.2	2.21
763	11/29/2007 08:01	10.1	49.109	31.9	8.9	7.81	7.0	2.15
764	11/29/2007 08:16	10.09	48.988	31.82	8.9	7.81	6.9	2.11
765	11/29/2007 08:31	10.08	48.898	31.75	8.89	7.81	6.7	2.07
766	11/29/2007 08:46	10.09	48.752	31.65	8.87	7.81	5.8	2.04
767	11/29/2007 09:01	10.05	48.684	31.59	8.83	7.8	5.5	2.01

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
768	11/29/2007 09:16	10.02	48.609	31.54	8.68	7.79	3.6	2.02
769	11/29/2007 09:31	10.03	48.618	31.55	8.68	7.79	4.9	2.03
770	11/29/2007 09:46	10.07	48.729	31.63	8.8	7.8	5.4	2.05
771	11/29/2007 10:01	10.09	48.815	31.69	8.83	7.8	5.8	2.08
772	11/29/2007 10:16	10.13	48.867	31.73	8.88	7.81	6.6	2.12
773	11/29/2007 10:31	10.14	48.82	31.7	8.9	7.8	7.1	2.18
774	11/29/2007 10:46	10.11	48.701	31.61	8.89	7.8	6.6	2.24
775	11/29/2007 11:01	10.13	48.779	31.67	8.89	7.8	7.1	2.30
776	11/29/2007 11:16	10.17	48.95	31.79	8.9	7.81	7.7	2.35
777	11/29/2007 11:31	10.19	49.081	31.89	8.92	7.81	7.3	2.43
778	11/29/2007 11:46	10.19	49.26	32.02	8.92	7.81	6.8	2.48
779	11/29/2007 12:01	10.18	49.451	32.16	8.92	7.81	6.9	2.53
780	11/29/2007 12:16	10.17	49.601	32.26	8.93	7.81	6.8	2.60
781	11/29/2007 12:31	10.17	49.663	32.31	8.94	7.8	7.0	2.66
782	11/29/2007 12:46	10.15	49.709	32.34	8.92	7.8	7.3	2.72
783	11/29/2007 13:01	10.14	49.777	32.39	8.91	7.8	6.3	2.78
784	11/29/2007 13:16	10.11	49.865	32.45	8.9	7.8	6.7	2.85
785	11/29/2007 13:31	10.05	50.034	32.57	8.87	7.79	7.8	2.90
786	11/29/2007 13:46	10.03	50.096	32.61	8.84	7.79	6.3	2.96
787	11/29/2007 14:01	10.02	50.139	32.64	8.81	7.78	6.0	3.01
788	11/29/2007 14:16	10.01	50.2	32.69	8.79	7.78	5.8	3.06
789	11/29/2007 14:31	10.01	50.202	32.69	8.78	7.78	5.3	3.09
Mean		10.69	48.77	31.69	8.76	7.84	10.3	2.24
Standard Dev.		0.49	1.00	0.72	0.31	0.03	7.4	0.85

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	11/29/2007 15:01	10	50.012	32.55	8.7	7.89	6.2	3.05
1	11/29/2007 15:16	9.99	50.218	32.7	8.7	7.92	5.6	3.04
2	11/29/2007 15:31	10	50.145	32.65	8.69	7.92	5.9	3.01
3	11/29/2007 15:46	10.02	50.46	32.88	8.72	7.93	5.7	2.97
4	11/29/2007 16:01	10.1	50.137	32.65	8.84	7.95	9.4	2.93
5	11/29/2007 16:16	10.18	50.072	32.61	9	7.97	13.3	2.84
6	11/29/2007 16:31	10.15	50.075	32.61	8.99	7.96	14.8	2.77
7	11/29/2007 16:46	10.1	49.894	32.47	8.97	7.96	17.4	2.69
8	11/29/2007 17:01	10.09	50.035	32.57	8.91	7.96	17.5	2.60
9	11/29/2007 17:16	10.07	49.52	32.2	8.96	7.96	16.7	2.51
10	11/29/2007 17:31	10.08	49.744	32.36	8.97	7.97	19.6	2.41
11	11/29/2007 17:46	10.03	49.722	32.34	8.97	7.96	18.6	2.31
12	11/29/2007 18:01	9.94	49.562	32.22	8.92	7.96		2.22
13	11/29/2007 18:16	9.93	49.667	32.3	8.94	7.96	17.9	2.10
14	11/29/2007 18:31	10	49.497	32.18	8.92	7.96	19.5	1.97
15	11/29/2007 18:46	9.98	48.937	31.77	8.97	7.96	18.7	1.86
16	11/29/2007 19:01	10.05	48.991	31.82	8.99	7.97	21.7	1.74
17	11/29/2007 19:16	9.98	48.975	31.8	9	7.97	21.9	1.61
18	11/29/2007 19:31	9.99	49.107	31.9	9	7.97	21.9	1.49
19	11/29/2007 19:46	10.04	48.937	31.78	9.03	7.97	22.2	1.37
20	11/29/2007 20:01	10.04	48.649	31.57	9.01	7.97	23.6	1.25
21	11/29/2007 20:16	10.06	48.45	31.43	9.01	7.97	21.1	1.14
22	11/29/2007 20:31	10.08	48.623	31.55	9	7.97		1.01
23	11/29/2007 20:46	10.09	48.492	31.46	9.01	7.98	18.6	0.93
24	11/29/2007 21:01	10.08	48.306	31.32	8.99	7.98	17.8	0.89
25	11/29/2007 21:16	10.04	48.277	31.3	9.05	7.98	17.2	0.83
26	11/29/2007 21:31	10.01	48.166	31.22	9.06	7.98	16.0	0.80
27	11/29/2007 21:46	9.96	48.326	31.33	9.02	7.98	12.3	0.82
28	11/29/2007 22:01	9.96	48.035	31.12	8.9	7.98	11.7	0.83
29	11/29/2007 22:16	9.97	48.344	31.34	9.01	7.98	14.8	0.86
30	11/29/2007 22:31	10.02	48.163	31.22	9.04	7.98	14.2	0.92
31	11/29/2007 22:46	10.04	48.268	31.29	9.04	7.98	18.7	0.97
32	11/29/2007 23:01	10.04	48.296	31.31	9.04	7.98	22.0	1.03
33	11/29/2007 23:16	9.99	48.159	31.21	9.05	7.97	16.9	1.12
34	11/29/2007 23:31	10.04	48.055	31.14	9.03	7.97	11.9	1.16
35	11/29/2007 23:46	10.04	48.092	31.17	9	7.97	11.7	1.25
36	11/30/2007 00:01	10.06	48.186	31.24	9.02	7.97	13.0	1.32
37	11/30/2007 00:16	10.07	48.294	31.32	9.02	7.97	12.8	1.39
38	11/30/2007 00:31	10.07	48.284	31.31	9.03	7.97	13.1	1.49
39	11/30/2007 00:46	10.07	48.233	31.27	9.03	7.96	12.9	1.57
40	11/30/2007 01:01	10.06	48.292	31.31	9.03	7.96	11.4	1.66
41	11/30/2007 01:16	10.09	48.537	31.49	9.02	7.96	11.3	1.75
42	11/30/2007 01:31	10.13	48.844	31.71	9.06	7.97	12.5	1.84
43	11/30/2007 01:46	10.14	48.87	31.73	9.09	7.97	13.3	1.93
44	11/30/2007 02:01	10.13	48.947	31.79	9.09	7.97	10.7	2.03
45	11/30/2007 02:16	10.12	49.13	31.92	9.06	7.96	14.0	2.11
46	11/30/2007 02:31	10.12	49.163	31.94	9.03	7.96	15.1	2.19
47	11/30/2007 02:46	10.12	49.21	31.98	9.02	7.96	14.8	2.28

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
48	11/30/2007 03:01	10.1	49.179	31.95	9	7.95	14.5	2.35
49	11/30/2007 03:16	10.04	49.337	32.06	8.99	7.95	16.4	2.42
50	11/30/2007 03:31	10.01	49.62	32.27	8.99	7.95	14.2	2.50
51	11/30/2007 03:46	9.99	49.726	32.34	8.99	7.94	16.1	2.56
52	11/30/2007 04:01	9.94	49.692	32.31	9.01	7.94	14.1	2.62
53	11/30/2007 04:16	9.88	50.18	32.66	9.01	7.94	9.5	2.68
54	11/30/2007 04:31	9.84	50.021	32.55	9.02	7.94	10.3	2.74
55	11/30/2007 04:46	9.82	50.194	32.67	8.98	7.94	8.8	2.77
56	11/30/2007 05:01	9.81	50.273	32.73	8.9	7.93	6.1	2.81
57	11/30/2007 05:16	9.8	50.021	32.54	8.82	7.92	4.2	2.83
58	11/30/2007 05:31	9.84	49.966	32.51	8.92	7.93	7.6	2.83
59	11/30/2007 05:46	9.79	50.056	32.57	8.96	7.93	9.3	2.80
60	11/30/2007 06:01	9.8	50.05	32.56	9	7.93	7.9	2.77
61	11/30/2007 06:16	9.75	49.832	32.4	8.93	7.93	11.4	2.72
62	11/30/2007 06:31	9.59	49.656	32.26	8.77	7.93	7.5	2.66
63	11/30/2007 06:46	9.78	49.752	32.35	8.94	7.93	10.2	2.60
64	11/30/2007 07:01	9.75	49.594	32.23	8.91	7.93	10.1	2.53
65	11/30/2007 07:16	9.74	49.484	32.15	8.9	7.93	9.7	2.45
66	11/30/2007 07:31	9.72	49.516	32.17	8.85	7.93	9.6	2.37
67	11/30/2007 07:46	9.7	49.39	32.08	8.81	7.93	8.9	2.32
68	11/30/2007 08:01	9.66	49.088	31.86	8.79	7.93	7.8	2.25
69	11/30/2007 08:16	9.61	49.288	32	8.8	7.93	8.2	2.18
70	11/30/2007 08:31	9.62	49.11	31.87	8.8	7.93	7.0	2.14
71	11/30/2007 08:46	9.62	49.245	31.97	8.81	7.94	6.1	2.07
72	11/30/2007 09:01	9.59	49.125	31.88	8.93	7.94	6.4	2.02
73	11/30/2007 09:16	9.61	49.004	31.8	8.92	7.94	6.7	1.98
74	11/30/2007 09:31	9.61	49.032	31.82	8.93	7.94	6.3	1.93
75	11/30/2007 09:46	9.61	49.006	31.8	8.9	7.94	6.6	1.90
76	11/30/2007 10:01	9.56	48.631	31.52	8.86	7.94	5.1	1.88
77	11/30/2007 10:16	9.55	48.894	31.71	8.85	7.94	4.5	1.86
78	11/30/2007 10:31	9.56	48.837	31.67	8.52	7.91	2.7	1.86
79	11/30/2007 10:46	9.62	48.899	31.72	8.77	7.93	4.7	1.88
80	11/30/2007 11:01	9.63	49.053	31.83	8.84	7.93	5.5	1.91
81	11/30/2007 11:16	9.59	48.775	31.63	8.84	7.93	4.5	1.91
82	11/30/2007 11:31	9.66	48.873	31.7	8.88	7.93	5.1	1.96
83	11/30/2007 11:46	9.67	49.031	31.82	8.86	7.93	5.5	2.00
84	11/30/2007 12:01	9.68	49.026	31.82	8.9	7.93	6.3	2.06
85	11/30/2007 12:16	9.71	49.04	31.83	8.86	7.93	6.2	2.11
86	11/30/2007 12:31	9.74	48.914	31.74	8.88	7.93	6.5	2.16
87	11/30/2007 12:46	9.75	49.057	31.84	8.89	7.93	5.7	2.22
88	11/30/2007 13:01	9.75	49.23	31.97	8.87	7.93	6.1	2.27
89	11/30/2007 13:16	9.76	49.544	32.2	8.9	7.93	5.6	2.32
90	11/30/2007 13:31	9.8	49.412	32.1	8.93	7.93	5.4	2.37
91	11/30/2007 13:46	9.85	49.66	32.29	8.94	7.93	5.8	2.41
92	11/30/2007 14:01	9.88	49.817	32.4	8.98	7.93	5.9	2.46
93	11/30/2007 14:16	9.88	49.851	32.43	8.97	7.93	5.8	2.52
94	11/30/2007 14:31	9.87	49.86	32.43	8.99	7.93	4.8	2.56
95	11/30/2007 14:46	9.86	49.765	32.36	8.98	7.93	4.9	2.61

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	11/30/2007 15:01	9.84	49.83	32.41	8.95	7.92	4.6	2.66
97	11/30/2007 15:16	9.81	50.128	32.62	8.92	7.92	3.8	2.69
98	11/30/2007 15:31	9.79	49.973	32.51	8.88	7.92	3.4	2.71
99	11/30/2007 15:46	9.78	49.832	32.41	8.86	7.91	2.9	2.75
100	11/30/2007 16:01	9.83	50.013	32.54	8.9	7.92	6.1	2.75
101	11/30/2007 16:16	9.79	50.097	32.6	8.89	7.91	4.5	2.75
102	11/30/2007 16:31	9.79	50.218	32.68	8.88	7.91	4.8	2.74
103	11/30/2007 16:46	9.8	50.118	32.61	8.88	7.91	4.1	2.71
104	11/30/2007 17:01	9.81	50.051	32.57	8.9	7.91	5.0	2.66
105	11/30/2007 17:16	9.84	50.054	32.57	8.93	7.92	5.4	2.60
106	11/30/2007 17:31	9.87	49.647	32.28	9.01	7.93	4.9	2.54
107	11/30/2007 17:46	9.83	49.512	32.18	9.04	7.94	5.6	2.47
108	11/30/2007 18:01	9.79	49.635	32.26	9.01	7.93	5.9	2.38
109	11/30/2007 18:16	9.76	49.649	32.27	9.03	7.94	5.6	2.31
110	11/30/2007 18:31	9.78	49.118	31.89	9.13	7.95	7.3	2.21
111	11/30/2007 18:46	9.83	49.456	32.14	9.2	7.96	5.0	2.13
112	11/30/2007 19:01	9.81	49.147	31.91	9.22	7.96	5.0	2.05
113	11/30/2007 19:16	9.63	49.387	32.07	9.01	7.93	6.0	1.95
114	11/30/2007 19:31	9.68	49.16	31.91	9.01	7.94	6.6	1.86
115	11/30/2007 19:46	9.63	49.074	31.85	9.06	7.94	7.1	1.75
116	11/30/2007 20:01	9.59	49.174	31.92	9.07	7.95	8.1	1.67
117	11/30/2007 20:16	9.56	48.987	31.78	9.11	7.95	7.1	1.56
118	11/30/2007 20:31	9.53	48.768	31.62	9.15	7.95	8.0	1.45
119	11/30/2007 20:46	9.53	48.738	31.6	9.17	7.96	7.8	1.37
120	11/30/2007 21:01	9.51	48.725	31.59	9.22	7.96	7.7	1.27
121	11/30/2007 21:16	9.47	48.778	31.62	9.29	7.97	7.2	1.19
122	11/30/2007 21:31	9.45	48.565	31.47	9.34	7.97	7.3	1.12
123	11/30/2007 21:46	9.41	48.69	31.56	9.39	7.98	8.9	1.05
124	11/30/2007 22:01	9.38	48.493	31.41	9.52	7.99	5.6	1.02
125	11/30/2007 22:16	9.35	48.499	31.41	9.54	7.99	4.8	0.98
126	11/30/2007 22:31	9.34	48.157	31.17	9.47	7.99	3.1	0.99
127	11/30/2007 22:46	9.32	48.549	31.45	9.47	7.99	4.8	0.99
128	11/30/2007 23:01	9.33	48.523	31.43	9.42	7.99	4.3	0.99
129	11/30/2007 23:16	9.38	48.626	31.51	9.42	7.98	6.9	1.06
130	11/30/2007 23:31	9.44	48.639	31.52	9.45	7.99	5.0	1.10
131	11/30/2007 23:46	9.44	48.575	31.48	9.45	7.98	5.1	1.15
132	12/1/2007 00:01	9.35	48.311	31.28	9.41	7.98	5.1	1.21
133	12/1/2007 00:16	9.41	48.459	31.39	9.37	7.97	5.0	1.28
134	12/1/2007 00:31	9.41	48.324	31.29	9.35	7.97	5.3	1.35
135	12/1/2007 00:46	9.42	48.356	31.32	9.34	7.96	5.6	1.41
136	12/1/2007 01:01	9.33	48.135	31.15	9.32	7.96	5.4	1.48
137	12/1/2007 01:16	9.41	48.361	31.32	9.31	7.96	5.4	1.57
138	12/1/2007 01:31	9.49	48.624	31.51	9.25	7.96	5.8	1.65
139	12/1/2007 01:46	9.55	48.944	31.75	9.15	7.95	7.1	1.72
140	12/1/2007 02:01	9.62	48.994	31.79	9.09	7.94	5.2	1.81
141	12/1/2007 02:16	9.65	49.14	31.9	9.06	7.94	5.9	1.90
142	12/1/2007 02:31	9.67	49.262	31.99	9.07	7.94	6.8	1.98
143	12/1/2007 02:46	9.68	49.283	32	9.08	7.94	6.7	2.06

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
144	12/1/2007 03:01	9.67	49.258	31.98	9.08	7.94	7.0	2.14
145	12/1/2007 03:16	9.64	49.403	32.09	9.07	7.93	7.6	2.23
146	12/1/2007 03:31	9.68	49.636	32.26	9.04	7.93	8.2	2.29
147	12/1/2007 03:46	9.65	49.613	32.24	9.02	7.93	9.7	2.37
148	12/1/2007 04:01	9.58	49.733	32.32	9.03	7.92	9.9	2.46
149	12/1/2007 04:16	9.54	49.83	32.39	9.03	7.92	9.9	2.53
150	12/1/2007 04:31	9.52	49.898	32.43	8.99	7.91	10.8	2.60
151	12/1/2007 04:46	9.49	50.14	32.61	8.95	7.91	9.3	2.67
152	12/1/2007 05:01	9.46	49.987	32.49	8.93	7.9	8.4	2.73
153	12/1/2007 05:16	9.43	50.036	32.53	8.9	7.9	7.0	2.78
154	12/1/2007 05:31	9.41	50.322	32.73	8.86	7.9	5.4	2.83
155	12/1/2007 05:46	9.4	50.237	32.67	8.73	7.9	3.7	2.85
156	12/1/2007 06:01	9.38	49.97	32.48	8.83	7.91	4.8	2.87
157	12/1/2007 06:16	9.42	50.25	32.68	8.85	7.9	7.0	2.87
158	12/1/2007 06:31	9.4	50.33	32.74	8.82	7.9	6.3	2.84
159	12/1/2007 06:46	9.4	50.384	32.78	8.81	7.9	7.0	2.81
160	12/1/2007 07:01	9.27	49.92	32.43	8.83	7.9	5.4	2.75
161	12/1/2007 07:16	9.22	49.687	32.26	8.88	7.91	7.0	2.68
162	12/1/2007 07:31	9.27	49.908	32.42	8.86	7.91	6.8	2.62
163	12/1/2007 07:46	9.22	49.676	32.25	8.88	7.91	5.7	2.55
164	12/1/2007 08:01	9.14	49.732	32.29	8.87	7.91	5.1	2.47
165	12/1/2007 08:16	9.14	49.681	32.25	8.87	7.91	5.6	2.40
166	12/1/2007 08:31	9.14	49.568	32.17	8.88	7.91	5.7	2.33
167	12/1/2007 08:46	9.16	49.208	31.91	8.89	7.91	5.7	2.26
168	12/1/2007 09:01	9.16	49.289	31.97	8.9	7.92	4.9	2.20
169	12/1/2007 09:16	9.11	49.295	31.97	8.94	7.92	4.5	2.13
170	12/1/2007 09:31	9.22	49.18	31.89	9.08	7.93	5.4	2.07
171	12/1/2007 09:46	9.25	49.081	31.83	9.11	7.93	5.4	2.02
172	12/1/2007 10:01	9.26	49.094	31.84	9.11	7.93	4.6	1.94
173	12/1/2007 10:16	9.26	48.99	31.76	9.21	7.94	4.6	1.90
174	12/1/2007 10:31	9.25	49.178	31.9	9.19	7.94	4.4	1.85
175	12/1/2007 10:46	9.21	48.809	31.63	9.23	7.94	4.5	1.79
176	12/1/2007 11:01	9.15	48.85	31.65	9.25	7.95	3.6	1.76
177	12/1/2007 11:16	9.09	48.785	31.6	9.17	7.94	2.9	1.74
178	12/1/2007 11:31	9.05	48.612	31.47	9.18	7.94	3.1	1.71
179	12/1/2007 11:46	9.05	48.77	31.59	9.07	7.93	1.6	1.70
180	12/1/2007 12:01	9.13	48.911	31.69	9.12	7.94	3.4	1.71
181	12/1/2007 12:16	9.21	49.063	31.81	9.15	7.94	3.2	1.72
182	12/1/2007 12:31	9.21	48.885	31.68	9.15	7.94	4.0	1.76
183	12/1/2007 12:46	9.24	49.027	31.79	9.15	7.94	3.7	1.80
184	12/1/2007 13:01	9.25	48.855	31.66	9.11	7.93	3.9	1.83
185	12/1/2007 13:16	9.12	48.836	31.64	9.1	7.93	4.8	1.89
186	12/1/2007 13:31	9.03	48.63	31.49	9.08	7.92	4.5	1.95
187	12/1/2007 13:46	9.19	48.982	31.75	9.04	7.92	4.2	1.99
188	12/1/2007 14:01	9.27	49.001	31.77	9.03	7.93	4.1	2.05
189	12/1/2007 14:16	9.3	48.917	31.71	9.03	7.92	3.7	2.10
190	12/1/2007 14:31	9.32	49.262	31.96	8.97	7.92	3.9	2.15
191	12/1/2007 14:46	9.33	49.295	31.99	8.94	7.91	3.7	2.20

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
192	12/1/2007 15:01	9.36	49.489	32.13	8.97	7.91	3.5	2.25
193	12/1/2007 15:16	9.4	49.695	32.28	8.94	7.92	3.5	2.30
194	12/1/2007 15:31	9.43	49.707	32.29	8.97	7.92	3.4	2.34
195	12/1/2007 15:46	9.43	49.6	32.21	8.98	7.92	3.7	2.39
196	12/1/2007 16:01	9.44	49.68	32.27	8.99	7.92	3.5	2.43
197	12/1/2007 16:16	9.45	49.765	32.33	8.92	7.91	2.8	2.46
198	12/1/2007 16:31	9.45	49.753	32.32	8.87	7.91	2.7	2.49
199	12/1/2007 16:46	9.45	49.721	32.3	8.81	7.9	2.1	2.53
200	12/1/2007 17:01	9.44	49.834	32.38	8.76	7.9	1.9	2.54
201	12/1/2007 17:16	9.43	49.649	32.25	8.62	7.89	2.0	2.55
202	12/1/2007 17:31	9.44	49.852	32.39	8.77	7.9	3.1	2.56
203	12/1/2007 17:46	9.44	49.879	32.41	8.77	7.9	3.5	2.55
204	12/1/2007 18:01	9.44	49.795	32.35	8.87	7.91	3.9	2.52
205	12/1/2007 18:16	9.44	49.733	32.31	8.83	7.91	3.1	2.48
206	12/1/2007 18:31	9.31	49.496	32.13	9	7.92	4.0	2.44
207	12/1/2007 18:46	9.29	49.455	32.1	8.97	7.92	4.2	2.38
208	12/1/2007 19:01	9.25	49.539	32.16	8.96	7.92	3.8	2.31
209	12/1/2007 19:16	9.34	49.501	32.14	9.02	7.92	5.0	2.24
210	12/1/2007 19:31	9.38	49.324	32.01	9.17	7.94	4.7	2.17
211	12/1/2007 19:46	9.39	49.213	31.93	9.31	7.95	4.3	2.10
212	12/1/2007 20:01	9.36	49.356	32.03	9.4	7.96	4.5	2.01
213	12/1/2007 20:16	9.38	49.206	31.93	9.38	7.97	4.7	1.95
214	12/1/2007 20:31	9.35	49.049	31.81	9.44	7.97	5.1	1.87
215	12/1/2007 20:46	9.2	49.151	31.87	9.22	7.95	6.2	1.78
216	12/1/2007 21:01	9.11	49.114	31.84	9.2	7.95	6.0	1.71
217	12/1/2007 21:16	9.06	48.866	31.66	9.34	7.96	5.5	1.62
218	12/1/2007 21:31	9.01	48.53	31.41	9.47	7.97	6.1	1.55
219	12/1/2007 21:46	8.97	48.703	31.53	9.5	7.97	6.6	1.48
220	12/1/2007 22:01	8.94	48.6	31.46	9.54	7.98	7.5	1.41
221	12/1/2007 22:16	8.9	48.799	31.6	9.56	7.98	7.9	1.36
222	12/1/2007 22:31	8.87	48.516	31.39	9.61	7.99	5.4	1.32
223	12/1/2007 22:46	8.87	48.692	31.52	9.63	7.99	5.2	1.28
224	12/1/2007 23:01	8.87	48.755	31.56	9.63	8	3.7	1.25
225	12/1/2007 23:16	8.87	48.46	31.35	9.5	7.98	2.3	1.24
226	12/1/2007 23:31	8.87	48.725	31.54	9.25	7.97	3.5	1.24
227	12/1/2007 23:46	8.87	48.636	31.48	9.61	7.99	5.1	1.25
228	12/2/2007 00:01	8.87	48.636	31.48	9.59	7.99	5.1	1.28
229	12/2/2007 00:16	8.9	48.718	31.54	9.52	7.98	4.7	1.29
230	12/2/2007 00:31	8.91	48.644	31.49	9.52	7.98	5.5	1.34
231	12/2/2007 00:46	8.92	48.793	31.59	9.46	7.97	5.9	1.40
232	12/2/2007 01:01	8.77	48.406	31.3	9.39	7.96	7.6	1.44
233	12/2/2007 01:16	8.74	48.323	31.24	9.36	7.95	7.1	1.52
234	12/2/2007 01:31	8.71	48.305	31.23	9.34	7.95	5.7	1.57
235	12/2/2007 01:46	8.79	48.562	31.42	9.3	7.95	5.5	1.65
236	12/2/2007 02:01	8.81	48.583	31.43	9.28	7.95	5.7	1.72
237	12/2/2007 02:16	8.86	48.781	31.58	9.24	7.94	5.6	1.79
238	12/2/2007 02:31	8.96	48.84	31.63	9.19	7.94	5.1	1.86
239	12/2/2007 02:46	9.04	48.899	31.68	9.13	7.93	5.2	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
240	12/2/2007 03:01	9.11	49.091	31.82	9.1	7.93	5.4	2.02
241	12/2/2007 03:16	9.13	49.112	31.84	9.1	7.93	5.9	2.09
242	12/2/2007 03:31	9.15	49.197	31.9	9.11	7.93	6.7	2.17
243	12/2/2007 03:46	9.18	49.324	32	9.07	7.92	6.4	2.24
244	12/2/2007 04:01	9.2	49.482	32.11	9.04	7.92	7.0	2.31
245	12/2/2007 04:16	9.21	49.736	32.29	8.99	7.91	7.6	2.39
246	12/2/2007 04:31	9.23	49.744	32.3	8.95	7.91	7.7	2.46
247	12/2/2007 04:46	9.21	49.831	32.36	8.9	7.9	8.7	2.55
248	12/2/2007 05:01	9.2	49.916	32.42	8.86	7.9	9.9	2.60
249	12/2/2007 05:16	9.18	50.114	32.57	8.81	7.89	8.7	2.68
250	12/2/2007 05:31	9.18	50.208	32.63	8.76	7.88	9.2	2.75
251	12/2/2007 05:46	9.16	50.381	32.76	8.69	7.88	8.1	2.80
252	12/2/2007 06:01	9.13	50.528	32.86	8.64	7.87	7.5	2.87
253	12/2/2007 06:16	9.13	50.627	32.93	8.61	7.87	6.0	2.92
254	12/2/2007 06:31	9.13	50.552	32.88	8.55	7.87	5.4	2.96
255	12/2/2007 06:46	9.12	50.389	32.76	8.48	7.87	3.1	2.96
256	12/2/2007 07:01	9.11	50.444	32.8	8.61	7.88	5.1	2.98
257	12/2/2007 07:16	9.11	50.549	32.87	8.55	7.87	5.0	2.97
258	12/2/2007 07:31	9.1	50.753	33.02	8.54	7.87	5.1	2.93
259	12/2/2007 07:46	9.09	50.756	33.02	8.57	7.87	5.1	2.90
260	12/2/2007 08:01	9.04	50.242	32.65	8.78	7.88	8.0	2.82
261	12/2/2007 08:16	9.03	50.307	32.69	8.83	7.88	14.2	2.77
262	12/2/2007 08:31	8.96	50.033	32.49	8.91	7.89	22.9	2.70
263	12/2/2007 08:46	8.91	49.995	32.46	8.95	7.89	26.9	2.61
264	12/2/2007 09:01	9.02	49.98	32.46	8.94	7.89	17.0	2.55
265	12/2/2007 09:16	9.04	49.955	32.44	8.98	7.89	21.9	2.47
266	12/2/2007 09:31	9.03	49.736	32.28	9.01	7.9	28.0	2.40
267	12/2/2007 09:46	9.03	49.692	32.25	9.03	7.9	29.4	2.34
268	12/2/2007 10:01	9	49.472	32.09	9.06	7.9	31.8	2.26
269	12/2/2007 10:16	8.98	49.665	32.23	9.07	7.9	33.6	2.19
270	12/2/2007 10:31	8.96	49.29	31.95	9.08	7.9	37.1	2.13
271	12/2/2007 10:46	8.94	49.468	32.08	9.08	7.9	37.4	2.07
272	12/2/2007 11:01	8.9	49.47	32.08	9.08	7.91	42.5	1.98
273	12/2/2007 11:16	8.88	49.336	31.98	9.12	7.9	45.4	1.91
274	12/2/2007 11:31	8.84	49.29	31.94	9.15	7.91	46.3	1.85
275	12/2/2007 11:46	8.78	49.261	31.92	9.18	7.91	38.0	1.82
276	12/2/2007 12:01	8.78	49.051	31.77	9.16	7.91	33.7	1.74
277	12/2/2007 12:16	8.79	49.154	31.84	9.15	7.91	30.8	1.70
278	12/2/2007 12:31	8.8	49.141	31.83	9.08	7.91	23.1	1.69
279	12/2/2007 12:46	8.8	49.007	31.74	8.95	7.9	27.7	1.67
280	12/2/2007 13:01	8.81	49.065	31.78	9.07	7.91	25.0	1.67
281	12/2/2007 13:16	8.82	49.05	31.77	9.11	7.91	23.3	1.66
282	12/2/2007 13:31	8.83	49.092	31.8	9.18	7.91	25.9	1.70
283	12/2/2007 13:46	8.87	49.269	31.93	9.17	7.91	28.6	1.73
284	12/2/2007 14:01	8.92	49.221	31.9	9.12	7.9	24.5	1.78
285	12/2/2007 14:16	8.96	49.216	31.9	9.1	7.9	20.0	1.81
286	12/2/2007 14:31	8.98	49.417	32.05	9.07	7.9	18.3	1.86
287	12/2/2007 14:46	9.01	49.568	32.16	9.06	7.9	17.1	1.93

sonde #1	Indian Island Long-Term Deployment Water Quality Data							TP #2
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	12/2/2007 15:01	9.04	49.536	32.14	9.05	7.9	15.8	1.97
289	12/2/2007 15:16	9.06	49.616	32.2	9.02	7.9	12.8	2.01
290	12/2/2007 15:31	9.07	49.834	32.35	9.02	7.9	12.6	2.08
291	12/2/2007 15:46	9.03	49.619	32.2	9.09	7.91	14.2	2.12
292	12/2/2007 16:01	9	49.513	32.12	9.12	7.91	13.4	2.17
293	12/2/2007 16:16	8.97	49.415	32.04	9.13	7.91	13.2	2.23
294	12/2/2007 16:31	8.96	49.107	31.82	9.14	7.91	13.3	2.28
295	12/2/2007 16:46	8.96	49.381	32.02	9.12	7.91	13.0	2.33
296	12/2/2007 17:01	8.97	49.36	32.01	9.1	7.91	13.6	2.38
297	12/2/2007 17:16	8.99	49.502	32.11	9.08	7.91	12.0	2.42
298	12/2/2007 17:31	9	49.595	32.18	9.04	7.91	11.1	2.46
299	12/2/2007 17:46	9.03	49.55	32.15	8.99	7.9	10.9	2.49
300	12/2/2007 18:01	9.04	49.618	32.2	8.95	7.9	8.9	2.52
301	12/2/2007 18:16	9.05	49.525	32.13	8.91	7.9	6.8	2.55
302	12/2/2007 18:31	9.06	49.866	32.38	8.88	7.89	6.2	2.56
303	12/2/2007 18:46	9.07	49.745	32.29	8.74	7.88	5.1	2.56
304	12/2/2007 19:01	9.07	49.778	32.31	8.65	7.88	4.6	2.57
305	12/2/2007 19:16	9.08	49.958	32.44	8.63	7.87	3.4	2.56
306	12/2/2007 19:31	9.08	49.691	32.25	8.77	7.89	5.8	2.53
307	12/2/2007 19:46	9.09	49.9	32.4	8.86	7.89	7.6	2.50
308	12/2/2007 20:01	9.11	49.922	32.42	8.93	7.89	7.5	2.45
309	12/2/2007 20:16	9.13	49.879	32.39	8.96	7.89	9.5	2.41
310	12/2/2007 20:31	9.13	49.612	32.2	9.01	7.89	12.3	2.35
311	12/2/2007 20:46	9.13	49.579	32.17	9.04	7.9	16.6	2.29
312	12/2/2007 21:01	9.12	49.428	32.07	9.05	7.9	17.3	2.23
313	12/2/2007 21:16	9.13	49.652	32.23	9.04	7.9	20.2	2.17
314	12/2/2007 21:31	9.11	49.746	32.29	9.05	7.9	20.3	2.09
315	12/2/2007 21:46	9.11	49.446	32.08	9.04	7.9	24.4	2.02
316	12/2/2007 22:01	9.13	49.506	32.12	9.02	7.9	31.6	1.95
317	12/2/2007 22:16	9.16	49.563	32.17	9.01	7.89	36.3	1.89
318	12/2/2007 22:31	9.16	49.575	32.17	9.03	7.9	31.6	1.84
319	12/2/2007 22:46	9.16	49.517	32.13	9.01	7.89	28.9	1.78
320	12/2/2007 23:01	9.17	49.45	32.09	9.02	7.89	31.0	1.71
321	12/2/2007 23:16	9.2	49.604	32.2	9.01	7.89	31.1	1.67
322	12/2/2007 23:31	9.21	49.501	32.13	8.88	7.89	16.1	1.65
323	12/2/2007 23:46	9.22	49.604	32.2	8.81	7.88	21.1	1.60
324	12/3/2007 00:01	9.22	49.581	32.18	8.74	7.88	21.0	1.59
325	12/3/2007 00:16	9.21	49.576	32.18	8.92	7.89	19.7	1.56
326	12/3/2007 00:31	9.21	49.404	32.05	9.02	7.89	19.8	1.58
327	12/3/2007 00:46	9.2	49.301	31.98	9.05	7.89	19.5	1.58
328	12/3/2007 01:01	9.2	49.48	32.11	9.01	7.89	16.9	1.59
329	12/3/2007 01:16	9.19	49.469	32.1	9.03	7.89	16.2	1.63
330	12/3/2007 01:31	9.17	49.616	32.21	9.04	7.9	15.5	1.66
331	12/3/2007 01:46	9.19	49.595	32.19	9.02	7.9	14.3	1.69
332	12/3/2007 02:01	9.2	49.667	32.24	9.03	7.89	15.2	1.76
333	12/3/2007 02:16	9.21	49.5	32.12	9.02	7.89	13.1	1.81
334	12/3/2007 02:31	9.22	49.608	32.2	9.03	7.89	12.5	1.88
335	12/3/2007 02:46	9.24	49.395	32.05	9.04	7.89	12.8	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
336	12/3/2007 03:01	9.22	49.659	32.24	9.06	7.9	14.0	1.99
337	12/3/2007 03:16	9.18	49.439	32.08	9.11	7.9	19.3	2.07
338	12/3/2007 03:31	9.17	49.22	31.92	9.13	7.9	21.5	2.14
339	12/3/2007 03:46	9.16	49.278	31.96	9.11	7.9	22.4	2.21
340	12/3/2007 04:01	9.15	49.207	31.91	9.13	7.9	23.7	2.28
341	12/3/2007 04:16	9.14	49.219	31.92	9.11	7.9	26.1	2.37
342	12/3/2007 04:31	9.14	49.407	32.05	9.08	7.9	24.5	2.44
343	12/3/2007 04:46	9.15	49.427	32.07	9.06	7.9	21.8	2.52
344	12/3/2007 05:01	9.16	49.556	32.16	9.04	7.9	19.6	2.59
345	12/3/2007 05:16	9.18	49.54	32.15	9.03	7.89	20.6	2.65
346	12/3/2007 05:31	9.22	49.964	32.46	9.01	7.89	24.1	2.74
347	12/3/2007 05:46	9.26	49.791	32.34	9.01	7.89	19.7	2.81
348	12/3/2007 06:01	9.36	50.178	32.62	9	7.88	15.0	2.86
349	12/3/2007 06:16	9.39	50.462	32.83	8.98	7.88	13.9	2.94
350	12/3/2007 06:31	9.45	50.648	32.97	8.97	7.88	11.4	3.00
351	12/3/2007 06:46	9.47	50.582	32.92	8.93	7.87	8.1	3.05
352	12/3/2007 07:01	9.5	50.668	32.99	8.9	7.87	7.8	3.09
353	12/3/2007 07:16	9.51	50.735	33.04	8.88	7.87	6.4	3.10
354	12/3/2007 07:31	9.51	50.435	32.82	8.77	7.86	7.3	3.11
355	12/3/2007 07:46	9.52	50.522	32.89	8.78	7.87	7.7	3.10
356	12/3/2007 08:01	9.57	50.335	32.75	8.9	7.87	8.4	3.09
357	12/3/2007 08:16	9.59	50.472	32.85	8.91	7.87	9.8	3.06
358	12/3/2007 08:31	9.53	50.346	32.76	8.98	7.88	11.9	3.02
359	12/3/2007 08:46	9.5	50.315	32.73	8.98	7.88	11.5	2.98
360	12/3/2007 09:01	9.51	50.415	32.81	9.01	7.88	12.7	2.90
361	12/3/2007 09:16	9.53	50.29	32.72	9.02	7.88	17.3	2.84
362	12/3/2007 09:31	9.6	50.074	32.57	9.03	7.88	23.1	2.76
363	12/3/2007 09:46	9.55	50.15	32.62	9.01	7.88	26.7	2.68
364	12/3/2007 10:01	9.55	50.147	32.62	9.02	7.88	29.4	2.60
365	12/3/2007 10:16	9.53	49.967	32.49	9.05	7.88	34.5	2.48
366	12/3/2007 10:31	9.47	49.918	32.44	9.06	7.89	33.8	2.47
367	12/3/2007 10:46	9.51	49.943	32.47	9.06	7.89	31.4	2.37
368	12/3/2007 11:01	9.55	49.777	32.35	9.06	7.89	37.1	2.23
369	12/3/2007 11:16	9.56	49.469	32.13	9.06	7.89	44.9	2.23
370	12/3/2007 11:31	9.7	49.251	31.98	9.03	7.88	48.0	2.10
371	12/3/2007 11:46	9.74	49.149	31.91	9.03	7.88	53.3	2.03
372	12/3/2007 12:01	9.8	48.853	31.7	9.03	7.88	50.2	1.95
373	12/3/2007 12:16	9.85	49.005	31.81	8.99	7.87	50.4	1.89
374	12/3/2007 12:31	9.86	49.015	31.82	8.96	7.87	47.5	1.82
375	12/3/2007 12:46	9.91	48.65	31.56	8.99	7.88	45.6	1.73
376	12/3/2007 13:01	9.95	48.858	31.71	8.99	7.88	41.5	1.66
377	12/3/2007 13:16	9.97	48.735	31.63	8.83	7.88	31.1	1.64
378	12/3/2007 13:31	9.97	48.687	31.59	8.5	7.87	20.5	1.59
379	12/3/2007 13:46	10	48.441	31.42	8.8	7.87	22.3	1.58
380	12/3/2007 14:01	9.98	48.466	31.43	8.89	7.88	25.8	1.55
381	12/3/2007 14:16	9.95	48.739	31.63	8.94	7.88	27.2	1.59
382	12/3/2007 14:31	9.93	48.667	31.57	8.98	7.88	27.1	1.62
383	12/3/2007 14:46	9.96	48.411	31.39	8.95	7.88	24.1	1.55

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
384	12/3/2007 15:01	10	48.108	31.18	9	7.88	23.2	1.65
385	12/3/2007 15:16	10	47.928	31.05	9.01	7.88	18.6	1.70
386	12/3/2007 15:31	9.95	48.295	31.31	9.03	7.88	20.3	1.75
387	12/3/2007 15:46	9.91	48.469	31.43	9.01	7.88	19.7	1.81
388	12/3/2007 16:01	9.87	48.587	31.51	9.01	7.88	17.4	1.86
389	12/3/2007 16:16	9.97	48.234	31.27	9.06	7.88	15.4	1.94
390	12/3/2007 16:31	9.9	48.285	31.3	9.03	7.88	16.7	1.92
391	12/3/2007 16:46	9.88	48.467	31.43	9.06	7.89	18.1	2.04
392	12/3/2007 17:01	9.9	48.533	31.48	9.01	7.88	15.2	1.99
393	12/3/2007 17:16	9.9	48.551	31.49	9.04	7.89	17.8	2.09
394	12/3/2007 17:31	9.9	48.648	31.56	8.9	7.88	16.4	2.09
395	12/3/2007 17:46	9.94	48.487	31.45	8.96	7.88	15.6	2.15
396	12/3/2007 18:01	9.95	48.647	31.56	9.04	7.89	18.4	2.22
397	12/3/2007 18:16	9.94	48.489	31.45	9.02	7.89	14.4	2.23
398	12/3/2007 18:31	9.89	48.673	31.58	9.01	7.89	14.5	2.28
399	12/3/2007 18:46	9.89	48.386	31.37	9	7.88	15.1	2.27
400	12/3/2007 19:01	9.88	48.57	31.5	9.02	7.88	12.4	2.37
401	12/3/2007 19:16	9.85	48.721	31.61	9.01	7.88	11.4	2.43
402	12/3/2007 19:31	9.84	48.899	31.74	8.99	7.88	10.1	2.47
403	12/3/2007 19:46	9.82	48.911	31.74	8.9	7.88	9.6	2.48
404	12/3/2007 20:01	9.86	48.916	31.75	8.9	7.88	8.2	2.47
405	12/3/2007 20:16	9.85	48.661	31.57	8.7	7.87	7.2	2.55
406	12/3/2007 20:31	9.79	48.763	31.63	8.91	7.88	10.8	2.53
407	12/3/2007 20:46	9.78	49.186	31.94	8.88	7.88	7.9	2.54
408	12/3/2007 21:01	9.78	49.037	31.83	8.84	7.87	8.9	2.52
409	12/3/2007 21:16	9.81	48.987	31.8	8.9	7.88	11.4	2.50
410	12/3/2007 21:31	9.77	49.016	31.82	8.87	7.87	12.3	2.42
411	12/3/2007 21:46	9.81	49.052	31.84	8.9	7.88	15.0	2.35
412	12/3/2007 22:01	9.9	48.946	31.77	8.94	7.88	15.6	2.28
413	12/3/2007 22:16	9.93	48.951	31.78	8.87	7.88	16.3	2.25
414	12/3/2007 22:31	9.92	48.649	31.56	8.91	7.88	18.8	2.22
415	12/3/2007 22:46	10.02	48.606	31.54	8.85	7.87	16.4	2.14
416	12/3/2007 23:01	9.99	48.759	31.65	8.8	7.87	13.4	2.08
417	12/3/2007 23:16	10.03	48.802	31.68	8.81	7.87	14.8	2.02
418	12/3/2007 23:31	10.16	48.507	31.47	8.76	7.86	14.2	1.99
419	12/3/2007 23:46	10.3	48.349	31.37	8.65	7.86	14.0	1.92
420	12/4/2007 00:01	10.31	48.425	31.42	8.67	7.86	12.1	1.84
421	12/4/2007 00:16	10.37	48.319	31.35	8.6	7.85	10.9	1.82
422	12/4/2007 00:31	10.34	48.391	31.4	8.5	7.85	9.5	1.75
423	12/4/2007 00:46	10.44	48.271	31.32	8.53	7.85	7.9	1.75
424	12/4/2007 01:01	10.28	48.39	31.4	8.38	7.84	10.6	1.77
425	12/4/2007 01:16	10.23	48.506	31.48	8.61	7.86	10.6	1.73
426	12/4/2007 01:31	10.19	48.49	31.46	8.66	7.86	9.3	1.72
427	12/4/2007 01:46	10.49	48.092	31.2	8.63	7.86	11.2	1.76
428	12/4/2007 02:01	10.21	48.293	31.32	8.72	7.86	10.6	1.75
429	12/4/2007 02:16	10.18	48.46	31.44	8.8	7.87	11.4	1.82
430	12/4/2007 02:31	10.25	48.387	31.39	8.75	7.86	12.1	1.87
431	12/4/2007 02:46	10.29	47.731	30.92	8.75	7.86	11.2	1.89

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
432	12/4/2007 03:01	10.26	47.949	31.08	8.75	7.86	10.7	1.95
433	12/4/2007 03:16	10.17	48.169	31.23	8.76	7.86	9.8	2.01
434	12/4/2007 03:31	10.14	48.224	31.27	8.76	7.86	10.3	2.06
435	12/4/2007 03:46	10.13	48.248	31.29	8.79	7.86	9.9	2.13
436	12/4/2007 04:01	10.15	47.937	31.06	8.81	7.86	9.9	2.20
437	12/4/2007 04:16	10.1	48.238	31.28	8.8	7.86	9.8	2.27
438	12/4/2007 04:31	10.11	48.165	31.22	8.82	7.86	9.9	2.32
439	12/4/2007 04:46	10.03	48.449	31.42	8.82	7.87	9.7	2.37
440	12/4/2007 05:01	10.01	48.619	31.55	8.86	7.87	11.5	2.45
441	12/4/2007 05:16	10.01	48.419	31.4	8.89	7.87	15.3	2.54
442	12/4/2007 05:31	9.98	48.685	31.59	8.88	7.87	17.3	2.60
443	12/4/2007 05:46	9.92	48.99	31.81	8.89	7.87	19.5	2.69
444	12/4/2007 06:01	9.93	48.772	31.65	8.89	7.87	17.8	2.74
445	12/4/2007 06:16	9.95	49.04	31.85	8.85	7.87	18.7	2.86
446	12/4/2007 06:31	9.93	49.023	31.83	8.93	7.87	17.5	2.96
447	12/4/2007 06:46	9.92	49.131	31.91	8.93	7.87	15.1	2.97
448	12/4/2007 07:01	9.92	49.156	31.93	8.93	7.87	15.4	3.04
449	12/4/2007 07:16	9.93	49.119	31.9	8.82	7.86	9.0	3.01
450	12/4/2007 07:31	9.93	49.223	31.98	8.84	7.86	7.6	3.06
451	12/4/2007 07:46	9.93	49.166	31.93	8.86	7.86	11.5	3.15
452	12/4/2007 08:01	9.93	49.254	32	8.9	7.87	12.8	3.09
453	12/4/2007 08:16	9.94	49.344	32.06	8.92	7.87	9.6	3.05
454	12/4/2007 08:31	10.13	48.609	31.55	8.6	7.84	9.9	3.11
455	12/4/2007 08:46	10.08	48.541	31.49	8.69	7.85	11.5	3.04
456	12/4/2007 09:01	10.1	48.509	31.47	8.65	7.85	11.4	3.04
457	12/4/2007 09:16	10.01	48.626	31.55	8.71	7.86	7.5	3.03
458	12/4/2007 09:31	10	48.955	31.79	8.71	7.86	9.3	2.94
459	12/4/2007 09:46	10.04	48.915	31.76	8.73	7.86	11.5	2.88
460	12/4/2007 10:01	10.05	48.696	31.6	8.76	7.86	11.7	2.81
461	12/4/2007 10:16	10.08	48.841	31.71	8.78	7.86	10.1	2.69
462	12/4/2007 10:31	10.15	48.806	31.69	8.73	7.86	12.5	2.63
463	12/4/2007 10:46	10.11	48.706	31.61	8.71	7.86	15.0	2.61
464	12/4/2007 11:01	10.21	48.674	31.6	8.69	7.86	13.5	2.46
465	12/4/2007 11:16	10.18	48.69	31.61	8.73	7.86	14.5	2.38
466	12/4/2007 11:31	10.23	48.475	31.46	8.81	7.87	15.3	2.34
467	12/4/2007 11:46	10.26	48.628	31.57	8.85	7.87	14.5	2.21
468	12/4/2007 12:01	10.34	48.603	31.55	8.88	7.87	16.4	2.10
469	12/4/2007 12:16	10.4	48.539	31.51	8.86	7.87	14.2	2.04
470	12/4/2007 12:31	10.52	48.189	31.27	8.98	7.88	15.3	1.93
471	12/4/2007 12:46	10.62	48.294	31.35	8.87	7.87	17.9	1.77
472	12/4/2007 13:01	10.74	48.196	31.29	8.91	7.88	14.3	1.70
473	12/4/2007 13:16	10.92	47.948	31.12	8.81	7.87	12.9	1.59
474	12/4/2007 13:31	11.05	47.774	31	8.85	7.87	11.8	1.50
475	12/4/2007 13:46	11.07	47.377	30.71	8.78	7.87	12.9	1.40
476	12/4/2007 14:01	11.11	47.733	30.97	8.62	7.86	10.9	1.39
477	12/4/2007 14:16	11.13	47.71	30.96	8.62	7.87	8.1	1.27
478	12/4/2007 14:31	11.12	47.761	30.99	8.47	7.85	8.4	1.28
479	12/4/2007 14:46	11.16	47.803	31.02	8.46	7.86	9.2	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
480	12/4/2007 15:01	10.98	47.634	30.89	8.43	7.85	7.1	1.27
481	12/4/2007 15:16	10.99	47.748	30.98	8.6	7.86	8.4	1.32
482	12/4/2007 15:31	10.95	47.572	30.85	8.65	7.86	9.5	1.37
483	12/4/2007 15:46	11.04	47.571	30.85	8.57	7.85	8.1	1.37
484	12/4/2007 16:01	11.01	46.866	30.34	8.53	7.85	10.9	1.46
485	12/4/2007 16:16	10.94	47.109	30.51	8.52	7.84	9.1	1.56
486	12/4/2007 16:31	10.87	47.178	30.56	8.52	7.84	10.0	1.58
487	12/4/2007 16:46	10.83	46.901	30.36	8.51	7.84	9.7	1.63
488	12/4/2007 17:01	10.79	47.343	30.67	8.48	7.84	8.3	1.71
489	12/4/2007 17:16	10.77	47.292	30.64	8.49	7.84	8.0	1.78
490	12/4/2007 17:31	10.74	47.502	30.79	8.45	7.83	7.6	1.83
491	12/4/2007 17:46	10.71	47.344	30.67	8.45	7.84	5.2	1.87
492	12/4/2007 18:01	10.6	47.515	30.79	8.47	7.84	7.6	1.90
493	12/4/2007 18:16	10.56	47.073	30.47	8.58	7.84	10.3	1.99
494	12/4/2007 18:31	10.51	47.384	30.69	8.57	7.84	10.3	2.08
495	12/4/2007 18:46	10.47	47.599	30.84	8.57	7.84	8.9	2.12
496	12/4/2007 19:01	10.44	47.599	30.84	8.6	7.85	8.9	2.15
497	12/4/2007 19:16	10.44	47.768	30.96	8.51	7.85	7.3	2.18
498	12/4/2007 19:31	10.44	47.598	30.84	8.61	7.85	9.1	2.27
499	12/4/2007 19:46	10.4	47.873	31.03	8.6	7.85	8.8	2.27
500	12/4/2007 20:01	10.38	48.152	31.23	8.58	7.85	9.4	2.36
501	12/4/2007 20:16	10.36	48.325	31.36	8.53	7.85	5.6	2.37
502	12/4/2007 20:31	10.34	48.185	31.25	8.57	7.85	7.0	2.38
503	12/4/2007 20:46	10.33	48.281	31.32	8.52	7.85	5.3	2.45
504	12/4/2007 21:01	10.36	48.167	31.24	8.51	7.85	8.1	2.42
505	12/4/2007 21:16	10.34	48.323	31.35	8.51	7.84	7.1	2.47
506	12/4/2007 21:31	10.33	48.261	31.31	8.56	7.85	9.4	2.49
507	12/4/2007 21:46	10.33	48.417	31.42	8.58	7.85	8.9	2.46
508	12/4/2007 22:01	10.36	48.186	31.26	8.53	7.85	9.3	2.44
509	12/4/2007 22:16	10.37	48.194	31.26	8.54	7.85	8.3	2.41
510	12/4/2007 22:31	10.4	48.01	31.13	8.56	7.85	8.6	2.39
511	12/4/2007 22:46	10.42	47.704	30.91	8.59	7.85	11.4	2.30
512	12/4/2007 23:01	10.46	47.72	30.93	8.51	7.84	10.3	2.32
513	12/4/2007 23:16	10.55	47.681	30.9	8.54	7.84	9.8	2.25
514	12/4/2007 23:31	10.54	47.753	30.95	8.54	7.84	9.7	2.18
515	12/4/2007 23:46	10.6	47.529	30.8	8.54	7.84	9.3	2.10
516	12/5/2007 00:01	10.62	47.265	30.61	8.5	7.84	9.0	2.06
517	12/5/2007 00:16	10.7	47.039	30.45	8.44	7.84	7.4	2.01
518	12/5/2007 00:31	10.66	47.218	30.58	8.43	7.84	7.9	1.98
519	12/5/2007 00:46	10.72	47.08	30.48	8.38	7.83	7.9	1.96
520	12/5/2007 01:01	10.74	46.817	30.29	8.27	7.82	5.6	1.92
521	12/5/2007 01:16	10.78	46.76	30.25	8.25	7.82	8.1	1.86
522	12/5/2007 01:31	10.76	47.047	30.46	8.08	7.81	4.5	1.83
523	12/5/2007 01:46	10.72	46.85	30.32	8.12	7.82	4.8	1.83
524	12/5/2007 02:01	10.73	46.917	30.36	8.29	7.83	6.8	1.85
525	12/5/2007 02:16	10.76	46.686	30.2	8.21	7.82	5.7	1.81
526	12/5/2007 02:31	10.75	46.885	30.34	8.2	7.82	6.5	1.86
527	12/5/2007 02:46	10.71	46.929	30.37	8.33	7.83	7.4	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
528	12/5/2007 03:01	10.68	46.775	30.26	8.35	7.83	6.3	1.86
529	12/5/2007 03:16	10.7	47.018	30.44	8.32	7.83	6.4	1.94
530	12/5/2007 03:31	10.68	46.644	30.17	8.36	7.82	7.6	1.93
531	12/5/2007 03:46	10.69	46.756	30.25	8.34	7.82	7.8	1.99
532	12/5/2007 04:01	10.64	46.754	30.24	8.4	7.83	9.8	2.06
533	12/5/2007 04:16	10.59	47.031	30.44	8.41	7.83	9.7	2.14
534	12/5/2007 04:31	10.56	46.978	30.4	8.48	7.83	9.9	2.20
535	12/5/2007 04:46	10.52	47.304	30.63	8.5	7.83	8.6	2.24
536	12/5/2007 05:01	10.51	47.248	30.59	8.54	7.83	8.7	2.31
537	12/5/2007 05:16	10.4	47.765	30.95	8.6	7.84	10.8	2.39
538	12/5/2007 05:31	10.38	47.843	31.01	8.64	7.84	11.8	2.47
539	12/5/2007 05:46	10.4	47.843	31.01	8.69	7.84	12.2	2.54
540	12/5/2007 06:01	10.36	48.195	31.26	8.77	7.85	12.7	2.60
541	12/5/2007 06:16	10.34	48.199	31.26	8.84	7.85	17.8	2.66
542	12/5/2007 06:31	10.35	48.21	31.27	8.88	7.85	16.7	2.75
543	12/5/2007 06:46	10.39	48.185	31.26	9.07	7.86	20.5	2.82
544	12/5/2007 07:01	10.42	48.029	31.15	9.18	7.87	15.6	2.90
545	12/5/2007 07:16	10.47	48.247	31.31	9.25	7.87	15.1	2.96
546	12/5/2007 07:31	10.52	48.234	31.3	9.34	7.88	16.4	3.04
547	12/5/2007 07:46	10.56	48.127	31.22	9.38	7.88	15.0	3.08
548	12/5/2007 08:01	10.57	48.286	31.34	9.33	7.88	10.8	3.13
549	12/5/2007 08:16	10.6	48.011	31.14	9.41	7.88	11.9	3.18
550	12/5/2007 08:31	10.61	48.135	31.23	9.33	7.88	10.9	3.19
551	12/5/2007 08:46	10.51	48.123	31.22	9.04	7.86	10.0	3.20
552	12/5/2007 09:01	10.58	48.144	31.24	9.33	7.88	13.9	3.21
553	12/5/2007 09:16	10.53	48.08	31.19	9.27	7.87	12.3	3.20
554	12/5/2007 09:31	10.54	48.094	31.2	9.22	7.87	12.6	3.14
555	12/5/2007 09:46	10.53	47.491	30.77	8.65	7.83	9.2	3.10
556	12/5/2007 10:01	10.51	47.846	31.02	8.72	7.84	11.4	3.03
557	12/5/2007 10:16	10.51	47.69	30.91	8.8	7.84	13.7	2.94
558	12/5/2007 10:31	10.51	47.623	30.86	8.76	7.84	15.7	2.86
559	12/5/2007 10:46	10.5	47.962	31.1	8.85	7.85	11.5	2.76
560	12/5/2007 11:01	10.52	47.907	31.06	8.7	7.84	9.7	2.63
561	12/5/2007 11:16	10.56	47.8	30.99	8.58	7.83	8.6	2.55
562	12/5/2007 11:31	10.57	47.652	30.88	8.55	7.83	8.7	2.46
563	12/5/2007 11:46	10.59	47.575	30.83	8.58	7.83	8.8	2.33
564	12/5/2007 12:01	10.61	47.418	30.72	8.64	7.84	9.8	2.25
565	12/5/2007 12:16	10.7	47.298	30.64	8.66	7.84	9.5	2.14
566	12/5/2007 12:31	10.74	47.385	30.7	8.68	7.84	9.6	2.02
567	12/5/2007 12:46	10.81	47.329	30.66	8.61	7.84	9.0	1.92
568	12/5/2007 13:01	10.9	46.927	30.38	8.55	7.83	10.1	1.82
569	12/5/2007 13:16	11	47.078	30.49	8.69	7.85	8.7	1.69
570	12/5/2007 13:31	11.05	47.108	30.52	8.52	7.83	8.6	1.59
571	12/5/2007 13:46	11.1	46.976	30.43	8.57	7.84	8.4	1.50
572	12/5/2007 14:01	11.15	47.173	30.57	8.57	7.85	8.1	1.42
573	12/5/2007 14:16	11.19	47.013	30.46	8.54	7.85	8.4	1.31
574	12/5/2007 14:31	11.22	46.989	30.44	8.45	7.84	7.8	1.24
575	12/5/2007 14:46	11.24	46.971	30.43	8.33	7.83	6.8	1.17

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
576	12/5/2007 15:01	11.29	46.968	30.43	8.31	7.83	6.4	1.16
577	12/5/2007 15:16	11.31	46.874	30.36	8.25	7.82	5.3	1.12
578	12/5/2007 15:31	11.31	46.813	30.32	8.09	7.82	2.2	1.12
579	12/5/2007 15:46	11.27	46.934	30.4	8.24	7.82	5.1	1.16
580	12/5/2007 16:01	11.22	46.977	30.43	8.26	7.82	6.1	1.18
581	12/5/2007 16:16	11.22	47.043	30.48	8.23	7.82	6.7	1.23
582	12/5/2007 16:31	11.24	46.071	29.78	8.21	7.81	7.6	1.29
583	12/5/2007 16:46	11.21	45.909	29.67	8.17	7.8	6.5	1.34
584	12/5/2007 17:01	11.18	46.101	29.8	8.14	7.8	6.8	1.41
585	12/5/2007 17:16	11.13	46.048	29.76	8.2	7.8	8.1	1.50
586	12/5/2007 17:31	11.1	45.749	29.55	8.24	7.8	7.7	1.54
587	12/5/2007 17:46	11.07	46.139	29.82	8.21	7.8	6.5	1.60
588	12/5/2007 18:01	11.09	45.645	29.47	8.22	7.8	7.0	1.66
589	12/5/2007 18:16	11	46.164	29.84	8.23	7.8	6.4	1.74
590	12/5/2007 18:31	10.9	46.284	29.92	8.31	7.81	7.3	1.81
591	12/5/2007 18:46	10.87	46.208	29.86	8.32	7.81	7.3	1.86
592	12/5/2007 19:01	10.81	46.984	30.42	8.31	7.81	7.1	1.95
593	12/5/2007 19:16	10.82	46.723	30.23	8.38	7.82	8.2	2.02
594	12/5/2007 19:31	10.81	47.079	30.49	8.33	7.82	7.8	2.07
595	12/5/2007 19:46	10.78	47.267	30.62	8.38	7.82	8.1	2.13
596	12/5/2007 20:01	10.76	47.201	30.57	8.46	7.82	8.7	2.20
597	12/5/2007 20:16	10.74	47.373	30.69	8.43	7.82	8.1	2.27
598	12/5/2007 20:31	10.73	47.357	30.68	8.44	7.82	8.1	2.32
599	12/5/2007 20:46	10.71	47.199	30.57	8.52	7.83	8.4	2.37
600	12/5/2007 21:01	10.68	47.333	30.66	8.6	7.83	9.0	2.43
601	12/5/2007 21:16	10.66	47.388	30.7	8.66	7.84	10.1	2.46
602	12/5/2007 21:31	10.66	47.463	30.75	8.65	7.83	6.4	2.51
603	12/5/2007 21:46	10.66	47.53	30.8	8.68	7.84	9.7	2.55
604	12/5/2007 22:01	10.65	47.537	30.81	8.66	7.83	5.0	2.57
605	12/5/2007 22:16	10.68	47.445	30.74	8.55	7.83	6.4	2.59
606	12/5/2007 22:31	10.66	47.52	30.79	8.64	7.83	9.2	2.61
607	12/5/2007 22:46	10.66	47.557	30.82	8.76	7.84	9.3	2.59
608	12/5/2007 23:01	10.66	47.639	30.88	8.78	7.84	9.9	2.55
609	12/5/2007 23:16	10.67	47.322	30.65	8.54	7.83	7.4	2.50
610	12/5/2007 23:31	10.68	47.362	30.68	8.54	7.83	9.5	2.46
611	12/5/2007 23:46	10.72	47.26	30.61	8.39	7.82	6.7	2.40
612	12/6/2007 00:01	10.75	47.232	30.59	8.26	7.81	6.4	2.34
613	12/6/2007 00:16	10.76	47.194	30.57	8.19	7.81	5.6	2.28
614	12/6/2007 00:31	10.78	47.135	30.52	8.19	7.81	4.5	2.22
615	12/6/2007 00:46	10.79	46.814	30.29	8.15	7.8	6.1	2.16
616	12/6/2007 01:01	10.82	47.045	30.46	8.08	7.8	5.8	2.11
617	12/6/2007 01:16	10.83	47.104	30.5	8.04	7.79	4.1	2.08
618	12/6/2007 01:31	10.82	47.002	30.43	8.1	7.8	7.0	2.01
619	12/6/2007 01:46	10.8	46.86	30.33	8.12	7.8	6.1	1.99
620	12/6/2007 02:01	10.8	46.615	30.15	8.12	7.79	5.8	1.97
621	12/6/2007 02:16	10.82	46.463	30.04	8.1	7.79	5.5	1.92
622	12/6/2007 02:31	10.82	46.403	30	7.82	7.77	2.3	1.93
623	12/6/2007 02:46	10.8	46.899	30.36	7.98	7.79	4.1	1.93

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
624	12/6/2007 03:01	10.8	46.949	30.39	8	7.79	5.3	1.93
625	12/6/2007 03:16	10.8	46.785	30.27	8.05	7.79	9.8	1.95
626	12/6/2007 03:31	10.8	46.933	30.38	8.1	7.8	6.7	1.98
627	12/6/2007 03:46	10.79	46.943	30.39	8.13	7.8	6.4	2.00
628	12/6/2007 04:01	10.78	46.748	30.25	8.16	7.8	8.7	2.05
629	12/6/2007 04:16	10.77	46.8	30.28	8.21	7.8	8.2	2.11
630	12/6/2007 04:31	10.76	46.828	30.3	8.23	7.8	9.3	2.16
631	12/6/2007 04:46	10.75	47.06	30.47	8.27	7.81	9.4	2.20
632	12/6/2007 05:01	10.73	47.012	30.43	8.34	7.81	9.9	2.28
633	12/6/2007 05:16	10.71	47.043	30.45	8.4	7.82	10.0	2.34
634	12/6/2007 05:31	10.71	47.399	30.71	8.56	7.83	12.2	2.40
635	12/6/2007 05:46	10.69	47.553	30.82	8.72	7.84	11.4	2.47
636	12/6/2007 06:01	10.7	47.673	30.91	8.81	7.84	13.1	2.54
637	12/6/2007 06:16	10.69	47.607	30.86	8.81	7.84	35.3	2.61
638	12/6/2007 06:31	10.69	47.625	30.87	8.78	7.84	12.0	2.67
639	12/6/2007 06:46	10.7	47.536	30.81	8.88	7.85	14.8	2.76
640	12/6/2007 07:01	10.71	47.727	30.95	8.94	7.85	15.8	2.83
641	12/6/2007 07:16	10.72	47.903	31.07	8.98	7.86	17.3	2.90
642	12/6/2007 07:31	10.72	47.844	31.03	9.03	7.87	17.9	2.97
643	12/6/2007 07:46	10.71	47.732	30.95	9.07	7.87	20.8	3.04
644	12/6/2007 08:01	10.7	48.013	31.15	9.03	7.87	16.8	3.09
645	12/6/2007 08:16	10.69	48.22	31.3	8.99	7.87	17.9	3.15
646	12/6/2007 08:31	10.69	48.053	31.18	8.98	7.87	12.0	3.20
647	12/6/2007 08:46	10.68	48.07	31.19	8.89	7.86	39.2	3.22
648	12/6/2007 09:01	10.68	48.108	31.22	8.76	7.87	8.8	3.26
649	12/6/2007 09:16	10.69	47.881	31.06	8.96	7.87	12.2	3.27
650	12/6/2007 09:31	10.69	48.036	31.17	9	7.87	13.2	3.26
651	12/6/2007 09:46	10.68	48.223	31.3	9.03	7.88	13.8	3.23
652	12/6/2007 10:01	10.68	48.207	31.29	8.97	7.87	14.8	3.19
653	12/6/2007 10:16	10.69	47.997	31.14	8.9	7.86	17.7	3.13
654	12/6/2007 10:31	10.7	47.588	30.85	8.94	7.86	10.8	3.07
655	12/6/2007 10:46	10.71	47.524	30.8	8.88	7.85	11.0	2.99
656	12/6/2007 11:01	10.72	47.822	31.01	8.87	7.85	10.0	2.89
657	12/6/2007 11:16	10.72	47.481	30.77	8.74	7.84	13.9	2.79
658	12/6/2007 11:31	10.73	47.385	30.7	8.73	7.84	11.5	2.68
659	12/6/2007 11:46	10.73	47.625	30.87	8.7	7.83	11.0	2.57
660	12/6/2007 12:01	10.73	47.518	30.8	8.63	7.83	11.5	2.46
661	12/6/2007 12:16	10.73	47.541	30.81	8.6	7.83	10.6	2.36
662	12/6/2007 12:31	10.75	47.301	30.64	8.45	7.81	8.7	2.24
663	12/6/2007 12:46	10.75	47.278	30.62	8.54	7.82	8.7	2.13
664	12/6/2007 13:01	10.77	47.531	30.81	8.51	7.82	11.5	2.02
665	12/6/2007 13:16	10.78	46.556	30.11	8.68	7.83	8.3	1.91
666	12/6/2007 13:31	10.82	47.008	30.43	8.45	7.82	8.4	1.79
667	12/6/2007 13:46	10.82	46.922	30.37	8.45	7.82	8.9	1.66
668	12/6/2007 14:01	10.88	46.708	30.22	8.28	7.8	10.1	1.55
669	12/6/2007 14:16	10.92	46.766	30.27	8.14	7.79	10.1	1.45
670	12/6/2007 14:31	10.91	46.708	30.22	8.15	7.8	7.6	1.33
671	12/6/2007 14:46	10.95	46.683	30.21	7.97	7.78	8.8	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
672	12/6/2007 15:01	10.95	46.733	30.24	7.89	7.78	6.3	1.13
673	12/6/2007 15:16	10.98	46.379	29.99	7.85	7.78	8.4	1.08
674	12/6/2007 15:31	11.04	46.356	29.98	7.74	7.77	7.5	1.01
675	12/6/2007 15:46	11.06	46.449	30.05	7.56	7.74	4.7	0.96
676	12/6/2007 16:01	11.06	46.365	29.99	6.88	7.71	3.8	0.96
677	12/6/2007 16:16	10.99	46.428	30.03	7.86	7.78	7.4	0.97
678	12/6/2007 16:31	11.02	46.314	29.95	7.76	7.77	8.7	0.99
679	12/6/2007 16:46	11.03	46.276	29.92	7.81	7.77	6.7	1.02
680	12/6/2007 17:01	11.06	46.498	30.08	7.77	7.77	7.6	1.10
681	12/6/2007 17:16	11.03	45.284	29.21	7.83	7.76	9.2	1.16
682	12/6/2007 17:31	11.03	45.349	29.26	7.81	7.76	9.3	1.23
683	12/6/2007 17:46	11.03	45.274	29.2	7.79	7.76	8.6	1.31
684	12/6/2007 18:01	11.01	45.259	29.19	7.82	7.76	8.9	1.37
685	12/6/2007 18:16	10.99	45.334	29.24	7.84	7.76	7.0	1.46
686	12/6/2007 18:31	10.98	45.604	29.44	7.85	7.76	7.3	1.53
687	12/6/2007 18:46	10.97	45.787	29.57	7.84	7.77	8.7	1.60
688	12/6/2007 19:01	10.93	46.1	29.79	7.95	7.77	8.0	1.68
689	12/6/2007 19:16	10.9	46.098	29.79	8.02	7.78	8.9	1.76
690	12/6/2007 19:31	10.88	46.414	30.01	8.05	7.79		1.83
691	12/6/2007 19:46	10.86	46.674	30.2	8.13	7.8	8.6	1.91
692	12/6/2007 20:01	10.86	46.729	30.24	8.16	7.8	10.2	2.00
693	12/6/2007 20:16	10.87	46.77	30.27	8.14	7.79	10.3	2.06
694	12/6/2007 20:31	10.84	46.119	29.8	8.21	7.8	9.6	2.13
695	12/6/2007 20:46	10.83	46.56	30.11	8.22	7.8	10.2	2.21
696	12/6/2007 21:01	10.8	46.79	30.28	8.34	7.81	12.8	2.28
697	12/6/2007 21:16	10.78	46.947	30.39	8.38	7.81	11.3	2.35
698	12/6/2007 21:31	10.76	46.813	30.29	8.45	7.82	12.4	2.41
699	12/6/2007 21:46	10.74	46.906	30.36	8.54	7.83	18.0	2.48
700	12/6/2007 22:01	10.73	47.103	30.5	8.5	7.83	12.0	2.51
701	12/6/2007 22:16	10.72	46.888	30.34	8.54	7.83	9.5	2.57
702	12/6/2007 22:31	10.71	47.099	30.49	8.54	7.83	8.5	2.62
703	12/6/2007 22:46	10.71	47.073	30.48	8.42	7.83	8.8	2.64
704	12/6/2007 23:01	10.72	47.154	30.53	7.94	7.79	10.9	2.66
705	12/6/2007 23:16	10.71	47.182	30.55	8.46	7.83	9.3	2.66
706	12/6/2007 23:31	10.71	47.244	30.6	8.44	7.83	11.8	2.64
707	12/6/2007 23:46	10.7	46.914	30.36	8.35	7.82	27.9	2.61
708	12/7/2007 00:01	10.67	46.838	30.3	8.35	7.81	35.7	2.57
709	12/7/2007 00:16	10.66	46.794	30.27	8.36	7.81	26.0	2.51
710	12/7/2007 00:31	10.65	46.978	30.4	8.44	7.81	29.9	2.45
711	12/7/2007 00:46	10.65	46.94	30.38	8.34	7.81	24.1	2.40
712	12/7/2007 01:01	10.64	47.09	30.48	8.36	7.82	25.8	2.33
713	12/7/2007 01:16	10.63	47.037	30.44	8.33	7.81	25.0	2.28
714	12/7/2007 01:31	10.65	46.968	30.4	8.3	7.81	23.4	2.22
715	12/7/2007 01:46	10.64	46.836	30.3	8.3	7.81	21.9	2.17
716	12/7/2007 02:01	10.62	46.866	30.32	8.34	7.81	23.9	2.15
717	12/7/2007 02:16	10.62	46.856	30.31	8.42	7.81	22.8	2.08
718	12/7/2007 02:31	10.59	46.971	30.4	8.35	7.81	19.4	2.06
719	12/7/2007 02:46	10.56	46.862	30.32	8.53	7.82	30.7	2.04

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
720	12/7/2007 03:01	10.58	46.633	30.15	8.37	7.81	24.0	2.00
721	12/7/2007 03:16	10.54	46.734	30.22	8.46	7.81	27.9	1.98
722	12/7/2007 03:31	10.61	46.59	30.12	8.21	7.79	18.9	1.99
723	12/7/2007 03:46	10.65	46.556	30.1	8.21	7.79	18.0	1.99
724	12/7/2007 04:01	10.65	46.523	30.08	8.15	7.79	17.4	1.99
725	12/7/2007 04:16	10.67	46.239	29.88	8.2	7.79	15.6	2.03
726	12/7/2007 04:31	10.57	46.608	30.13	8.38	7.8	17.3	2.06
727	12/7/2007 04:46	10.64	46.568	30.11	8.32	7.8	14.7	2.09
728	12/7/2007 05:01	10.67	46.547	30.1	8.27	7.79	12.5	2.13
729	12/7/2007 05:16	10.64	46.737	30.23	8.36	7.8	13.1	2.20
730	12/7/2007 05:31	10.66	46.598	30.13	8.34	7.8	14.2	2.25
731	12/7/2007 05:46	10.66	46.63	30.15	8.33	7.8	13.2	2.31
732	12/7/2007 06:01	10.65	46.537	30.09	8.34	7.8	14.7	2.38
733	12/7/2007 06:16	10.65	46.125	29.79	8.36	7.79	15.1	2.45
734	12/7/2007 06:31	10.64	45.761	29.53	8.37	7.79	14.1	2.52
735	12/7/2007 06:46	10.64	45.902	29.63	8.36	7.79	11.8	2.58
736	12/7/2007 07:01	10.66	46.363	29.96	8.39	7.8	14.5	2.66
737	12/7/2007 07:16	10.63	46.391	29.98	8.48	7.81	16.6	2.73
738	12/7/2007 07:31	10.63	46.686	30.19	8.55	7.82	13.1	2.80
739	12/7/2007 07:46	10.63	46.733	30.23	8.58	7.83	13.3	2.87
740	12/7/2007 08:01	10.62	46.681	30.19	8.61	7.83	13.9	2.95
741	12/7/2007 08:16	10.61	46.783	30.26	8.61	7.83	14.5	3.02
742	12/7/2007 08:31	10.62	47.114	30.5	8.63	7.84	11.1	3.07
743	12/7/2007 08:46	10.62	47.402	30.71	8.5	7.83	10.1	3.12
744	12/7/2007 09:01	10.61	47.214	30.57	8.4	7.83	11.3	3.17
745	12/7/2007 09:16	10.54	47.231	30.58	8.5	7.83	20.0	3.22
746	12/7/2007 09:31	10.44	47.153	30.52	8.71	7.83	35.3	3.22
747	12/7/2007 09:46	10.46	47.288	30.62	8.69	7.83	41.0	3.23
748	12/7/2007 10:01	10.49	47.436	30.72	8.69	7.84	33.8	3.23
749	12/7/2007 10:16	10.52	47.349	30.66	8.82	7.86	40.5	3.21
750	12/7/2007 10:31	10.51	47.726	30.93	8.88	7.87	41.8	3.14
751	12/7/2007 10:46	10.51	48.038	31.16	8.91	7.88	60.5	3.08
752	12/7/2007 11:01	10.5	47.999	31.13	8.93	7.88	85.8	3.02
Mean		9.99	48.46	31.43	8.79	7.88	12.3	2.16
Standard Dev.		0.68	1.19	0.82	0.36	0.05	8.9	0.55

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
			SpCond	Salinity	DO Conc		Turbidity+	Depth
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters
0	12/7/2007 11:16	10.47	47.945	31.09	9.08	7.76	37.0	3.13
1	12/7/2007 11:31	10.47	47.307	30.63	9.02	7.77	44.2	3.03
2	12/7/2007 11:46	10.45	47.021	30.42	8.97	7.77	41.2	2.95
3	12/7/2007 12:01	10.43	47.725	30.93	8.9	7.77	49.8	2.85
4	12/7/2007 12:16	10.44	47.682	30.9	8.92	7.78	41.1	2.75
5	12/7/2007 12:31	10.44	47.404	30.7	8.87	7.76	52.7	2.64
6	12/7/2007 12:46	10.44	46.598	30.12	8.87	7.75	47.6	2.54
7	12/7/2007 13:01	10.43	46.779	30.25	8.81	7.75	56.1	2.43
8	12/7/2007 13:16	10.43	46.849	30.3	8.78	7.74	68.5	2.30
9	12/7/2007 13:31	10.42	46.54	30.08	8.77	7.73	77.4	2.19
10	12/7/2007 13:46	10.42	45.667	29.45	8.81	7.73	71.1	2.05
11	12/7/2007 14:01	10.41	46.554	30.09	8.8	7.73	74.9	1.94
12	12/7/2007 14:16	10.4	46.374	29.96	8.74	7.73	94.4	1.79
13	12/7/2007 14:31	10.39	46.038	29.72	8.7	7.72	159.2	1.67
14	12/7/2007 14:46	10.38	46.161	29.8	8.66	7.72	178.0	1.54
15	12/7/2007 15:01	10.37	46.146	29.79	8.64	7.71	128.6	1.41
16	12/7/2007 15:16	10.35	46.02	29.7	8.69	7.71	132.2	1.28
17	12/7/2007 15:31	10.34	45.804	29.55	8.63	7.73	146.3	1.16
18	12/7/2007 15:46	10.33	45.678	29.46	8.63	7.72	111.1	1.08
19	12/7/2007 16:01	10.32	45.726	29.49	8.68	7.7	79.9	1.00
20	12/7/2007 16:16	10.31	45.62	29.41	8.67	7.73	50.9	0.95
21	12/7/2007 16:31	10.29	45.534	29.35	8.64	7.72	40.7	0.93
22	12/7/2007 16:46	10.27	45.538	29.35	8.64	7.72	40.8	0.94
23	12/7/2007 17:01	10.17	45.019	28.98	8.84	7.72	47.3	0.96
24	12/7/2007 17:16	10.16	45.014	28.97	8.81	7.72	37.9	0.98
25	12/7/2007 17:31	10.16	44.994	28.96	8.81	7.71	39.8	1.05
26	12/7/2007 17:46	10.23	45.213	29.12	8.69	7.71	34.8	1.09
27	12/7/2007 18:01	10.22	45.12	29.05	8.74	7.71	32.5	1.16
28	12/7/2007 18:16	10.23	45.307	29.19	8.7	7.71	32.5	1.23
29	12/7/2007 18:31	10.15	45.053	29	8.77	7.71	38.9	1.30
30	12/7/2007 18:46	10.16	44.757	28.79	8.78	7.7	37.8	1.37
31	12/7/2007 19:01	10.19	44.918	28.91	8.73	7.7	33.8	1.44
32	12/7/2007 19:16	10.21	44.984	28.95	8.76	7.7	43.9	1.54
33	12/7/2007 19:31	10.2	44.946	28.93	8.73	7.7	29.8	1.59
34	12/7/2007 19:46	10.23	45.102	29.04	8.71	7.7	30.7	1.68
35	12/7/2007 20:01	10.26	45.063	29.01	8.74	7.71	32.0	1.79
36	12/7/2007 20:16	10.28	45.473	29.31	8.8	7.73	26.8	1.87
37	12/7/2007 20:31	10.29	45.545	29.36	8.82	7.73	31.8	1.96
38	12/7/2007 20:46	10.25	45.053	29.01	8.87	7.74	34.5	2.05
39	12/7/2007 21:01	10.23	44.709	28.76	8.9	7.73	25.9	2.13
40	12/7/2007 21:16	10.27	45.552	29.36	8.88	7.74	28.2	2.23
41	12/7/2007 21:31	10.26	45.46	29.3	8.89	7.74	27.4	2.30
42	12/7/2007 21:46	10.21	45.255	29.15	8.89	7.74	19.9	2.36
43	12/7/2007 22:01	10.26	45.696	29.46	8.85	7.75	20.2	2.42
44	12/7/2007 22:16	10.26	45.807	29.54	8.82	7.74	19.2	2.48
45	12/7/2007 22:31	10.25	45.715	29.48	8.83	7.74	19.0	2.54
46	12/7/2007 22:46	10.29	45.989	29.68	8.78	7.72	21.3	2.59
47	12/7/2007 23:01	10.29	46.082	29.74	8.77	7.72	19.0	2.63

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
48	12/7/2007 23:16	10.27	46.047	29.72	8.77	7.72	16.1	2.66
49	12/7/2007 23:31	9.48	45.885	29.55	8.87	7.72	20.2	2.69
50	12/7/2007 23:46	9.71	45.88	29.56	8.9	7.73	22.7	2.71
51	12/8/2007 00:01	10.29	45.687	29.46	8.85	7.73	21.2	2.70
52	12/8/2007 00:16	9.32	46.152	29.73	9.06	7.75	44.5	2.68
53	12/8/2007 00:31	9.7	46.145	29.75	9	7.74	34.8	2.67
54	12/8/2007 00:46	9.95	46.016	29.67	8.86	7.72	35.8	2.61
55	12/8/2007 01:01	9.79	45.676	29.42	8.89	7.73	50.6	2.59
56	12/8/2007 01:16	9.79	45.748	29.47	8.84	7.73	49.1	2.53
57	12/8/2007 01:31	9.8	45.723	29.46	8.89	7.73	30.8	2.48
58	12/8/2007 01:46	9.77	45.698	29.44	8.9	7.74	26.7	2.43
59	12/8/2007 02:01	9.81	45.432	29.25	8.91	7.71	27.0	2.37
60	12/8/2007 02:16	9.79	45.236	29.11	8.91	7.73	23.5	2.32
61	12/8/2007 02:31	9.84	44.765	28.78	8.9	7.73	22.9	2.27
62	12/8/2007 02:46	9.72	44.728	28.74	8.89	7.73	20.4	2.23
63	12/8/2007 03:01	9.75	44.765	28.77	8.86	7.73	20.1	2.20
64	12/8/2007 03:16	9.76	44.262	28.42	8.83	7.72	19.2	2.15
65	12/8/2007 03:31	9.63	44.951	28.9	8.8	7.72	17.6	2.13
66	12/8/2007 03:46	9.7	44.617	28.66	8.63	7.7	12.6	2.11
67	12/8/2007 04:01	9.78	44.474	28.57	8.68	7.71	13.7	2.09
68	12/8/2007 04:16	9.68	45.097	29	8.77	7.72	14.6	2.10
69	12/8/2007 04:31	9.84	44.93	28.89	8.82	7.72	17.1	2.10
70	12/8/2007 04:46	9.86	45.339	29.19	8.83	7.7	15.9	2.12
71	12/8/2007 05:01	9.95	44.899	28.88	8.86	7.7	19.2	2.17
72	12/8/2007 05:16	9.84	45.353	29.2	8.85	7.72	22.1	2.20
73	12/8/2007 05:31	9.64	44.683	28.71	8.89	7.72	20.1	2.25
74	12/8/2007 05:46	9.68	44.718	28.73	8.88	7.7	18.9	2.31
75	12/8/2007 06:01	9.83	44.534	28.61	8.87	7.7	23.2	2.37
76	12/8/2007 06:16	9.88	45.148	29.05	8.84	7.7	22.7	2.42
77	12/8/2007 06:31	10	44.979	28.94	8.95	7.72	24.1	2.48
78	12/8/2007 06:46	9.94	45.147	29.05	9	7.72	20.1	2.55
79	12/8/2007 07:01	10.02	45.79	29.52	9.07	7.74	24.1	2.62
80	12/8/2007 07:16	9.9	45.946	29.62	9.12	7.74	25.4	2.69
81	12/8/2007 07:31	9.96	45.887	29.58	9.16	7.75	24.8	2.76
82	12/8/2007 07:46	9.91	46.558	30.06	9.17	7.75	19.2	2.85
83	12/8/2007 08:01	9.98	46.121	29.75	9.23	7.76	27.8	2.91
84	12/8/2007 08:16	10.17	47.453	30.72	9.27	7.78	37.8	2.98
85	12/8/2007 08:31	10.14	47.475	30.73	9.26	7.78	32.5	3.07
86	12/8/2007 08:46	10.19	47.653	30.86	9.31	7.79	35.8	3.14
87	12/8/2007 09:01	10.16	47.747	30.93	9.31	7.79	30.0	3.19
88	12/8/2007 09:16	10.12	47.651	30.86	9.3	7.79	20.6	3.25
89	12/8/2007 09:31	10.14	47.852	31	9.29	7.8	17.4	3.31
90	12/8/2007 09:46	10.12	47.849	31	9.28	7.8	15.0	3.35
91	12/8/2007 10:01	10.11	47.894	31.03	9.21	7.8	13.3	3.38
92	12/8/2007 10:16	10.1	47.758	30.93	9.27	7.79	16.5	3.39
93	12/8/2007 10:31	10.09	47.941	31.06	9.36	7.8	19.3	3.37
94	12/8/2007 10:46	10.08	47.386	30.66	9.37	7.8	19.5	3.35
95	12/8/2007 11:01	10.09	47.441	30.7	9.38	7.8	22.3	3.30

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #3
			SpCond	Salinity	DO Conc		Turbidity+	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	Depth meters
96	12/8/2007 11:16	10.11	46.953	30.35	9.34	7.79	29.6	3.23
97	12/8/2007 11:31	10.1	46.619	30.11	9.26	7.78	43.8	3.15
98	12/8/2007 11:46	10.1	47.15	30.5	9.24	7.78	43.7	3.06
99	12/8/2007 12:01	10.22	47.315	30.62	9.27	7.78	32.0	2.98
100	12/8/2007 12:16	10.22	47.248	30.57	9.23	7.78	35.9	2.87
101	12/8/2007 12:31	10.2	47.073	30.45	9.22	7.77	45.9	2.77
102	12/8/2007 12:46	10.17	46.984	30.38	9.19	7.77	59.7	2.68
103	12/8/2007 13:01	10.19	46.927	30.34	9.18	7.77	46.2	2.57
104	12/8/2007 13:16	10.26	46.346	29.93	9.26	7.77	40.0	2.46
105	12/8/2007 13:31	10.31	46.345	29.93	9.36	7.79	34.6	2.32
106	12/8/2007 13:46	10.27	46.338	29.92	9.26	7.77	39.0	2.22
107	12/8/2007 14:01	10.2	45.911	29.61	9.18	7.75	45.6	2.08
108	12/8/2007 14:16	10.13	45.515	29.33	9.24	7.75	49.5	1.95
109	12/8/2007 14:31	10.14	46.185	29.81	9.07	7.75	57.4	1.82
110	12/8/2007 14:46	10.05	45.326	29.19	9.15	7.74	61.1	1.68
111	12/8/2007 15:01	10.04	45.595	29.38	9.17	7.74	58.9	1.55
112	12/8/2007 15:16	10.03	45.425	29.26	9.13	7.75	61.7	1.41
113	12/8/2007 15:31	9.95	45.064	29	9.02	7.72	61.8	1.26
114	12/8/2007 15:46	9.87	45.041	28.98	8.9	7.69	61.9	1.15
115	12/8/2007 16:01	9.77	44.616	28.67	8.92	7.68	69.4	1.02
116	12/8/2007 16:16	9.69	44.629	28.67	8.9	7.67	63.5	0.94
117	12/8/2007 16:31	9.58	44.296	28.43	8.92	7.67	56.8	0.84
118	12/8/2007 16:46	9.52	44.147	28.32	8.93	7.69	59.7	0.81
119	12/8/2007 17:01	9.61	44.439	28.53	8.87	7.66	42.5	0.81
120	12/8/2007 17:16	9.65	44.637	28.68	8.86	7.67	33.6	0.80
121	12/8/2007 17:31	9.69	44.984	28.92	8.86	7.67	31.9	0.86
122	12/8/2007 17:46	9.63	44.809	28.8	8.89	7.67	30.7	0.89
123	12/8/2007 18:01	9.65	44.697	28.72	8.82	7.66	31.0	0.93
124	12/8/2007 18:16	9.68	44.839	28.82	8.77	7.66	27.3	0.98
125	12/8/2007 18:31	9.64	44.791	28.78	8.84	7.66	28.5	1.03
126	12/8/2007 18:46	9.65	44.782	28.78	8.79	7.66	27.6	1.08
127	12/8/2007 19:01	9.59	44.397	28.5	8.86	7.65	30.9	1.14
128	12/8/2007 19:16	9.62	44.393	28.5	8.83	7.65	32.3	1.22
129	12/8/2007 19:31	9.61	44.397	28.5	8.81	7.67	30.0	1.30
130	12/8/2007 19:46	9.63	44.35	28.47	8.82	7.65	28.1	1.40
131	12/8/2007 20:01	9.65	44.076	28.28	8.85	7.65	28.0	1.48
132	12/8/2007 20:16	9.74	44.274	28.42	8.89	7.67	25.4	1.56
133	12/8/2007 20:31	9.76	44.521	28.6	8.91	7.68	31.2	1.67
134	12/8/2007 20:46	9.74	44.545	28.62	8.94	7.68	25.4	1.77
135	12/8/2007 21:01	9.75	44.343	28.47	8.96	7.68	27.2	1.84
136	12/8/2007 21:16	9.7	44.06	28.27	9.03	7.71	20.1	1.95
137	12/8/2007 21:31	9.78	44.547	28.62	9.02	7.69	20.4	2.04
138	12/8/2007 21:46	9.86	45.304	29.16	8.99	7.7	20.2	2.15
139	12/8/2007 22:01	9.91	45.696	29.44	8.97	7.71	24.9	2.22
140	12/8/2007 22:16	9.94	45.857	29.56	8.98	7.71	28.9	2.30
141	12/8/2007 22:31	9.93	45.879	29.58	9.01	7.72	34.2	2.38
142	12/8/2007 22:46	9.92	45.943	29.62	9.01	7.72	30.6	2.44
143	12/8/2007 23:01	9.92	45.782	29.51	9.02	7.72	25.6	2.49

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
144	12/8/2007 23:16	9.92	46.101	29.73	9.04	7.73	33.5	2.56
145	12/8/2007 23:31	9.93	46.19	29.8	9.05	7.73	30.3	2.59
146	12/8/2007 23:46	9.92	46.45	29.98	9.09	7.74	26.8	2.63
147	12/9/2007 00:01	9.93	46.678	30.15	9.11	7.74	17.1	2.68
148	12/9/2007 00:16	9.92	46.793	30.23	9.1	7.74	16.8	2.69
149	12/9/2007 00:31	9.91	46.469	30	9.14	7.74	19.9	2.69
150	12/9/2007 00:46	9.93	46.751	30.2	9.2	7.75	19.0	2.69
151	12/9/2007 01:01	9.93	46.701	30.16	9.13	7.75	18.5	2.68
152	12/9/2007 01:16	9.93	46.456	29.99	9.12	7.74	18.4	2.65
153	12/9/2007 01:31	9.91	46.053	29.7	9.13	7.74	23.3	2.59
154	12/9/2007 01:46	9.89	46.185	29.79	9.01	7.72	34.5	2.57
155	12/9/2007 02:01	9.81	46.062	29.7	9	7.72	29.4	2.51
156	12/9/2007 02:16	9.84	46.084	29.72	8.97	7.71	28.1	2.45
157	12/9/2007 02:31	9.81	45.983	29.64	8.96	7.71	29.0	2.40
158	12/9/2007 02:46	9.79	45.812	29.52	8.91	7.71	26.2	2.33
159	12/9/2007 03:01	9.6	45.194	29.07	8.87	7.71	23.1	2.29
160	12/9/2007 03:16	9.46	45.535	29.3	8.84	7.69	19.0	2.25
161	12/9/2007 03:31	9.4	45.575	29.33	8.79	7.68	14.9	2.20
162	12/9/2007 03:46	9.25	45.285	29.11	8.85	7.68	17.0	2.17
163	12/9/2007 04:01	9.18	45.217	29.06	8.86	7.7	16.8	2.13
164	12/9/2007 04:16	9.12	45.043	28.93	8.69	7.69	12.1	2.11
165	12/9/2007 04:31	9.16	45.125	28.99	8.77	7.7	13.7	2.10
166	12/9/2007 04:46	9.41	45.383	29.19	8.77	7.7	12.3	2.10
167	12/9/2007 05:01	9.48	45.502	29.28	8.83	7.69	18.0	2.13
168	12/9/2007 05:16	9.26	45.425	29.21	8.87	7.69	14.6	2.14
169	12/9/2007 05:31	9.4	45.427	29.22	8.83	7.71	17.2	2.17
170	12/9/2007 05:46	9.5	45.444	29.24	8.91	7.71	19.5	2.22
171	12/9/2007 06:01	9.37	45.474	29.25	8.92	7.69	20.5	2.27
172	12/9/2007 06:16	9.4	45.424	29.22	8.9	7.71	18.8	2.32
173	12/9/2007 06:31	9.56	45.72	29.44	8.92	7.7	23.4	2.38
174	12/9/2007 06:46	9.5	45.859	29.54	8.98	7.73	19.5	2.45
175	12/9/2007 07:01	9.44	45.766	29.47	9.01	7.73	18.7	2.48
176	12/9/2007 07:16	9.38	45.881	29.54	9.04	7.71	17.0	2.55
177	12/9/2007 07:31	9.44	46.187	29.77	9.08	7.72	17.6	2.62
178	12/9/2007 07:46	9.44	46.403	29.92	9.11	7.72	19.3	2.68
179	12/9/2007 08:01	9.34	46.491	29.98	9.15	7.73	18.3	2.74
180	12/9/2007 08:16	9.46	46.746	30.17	9.19	7.73	17.3	2.83
181	12/9/2007 08:31	9.41	46.992	30.34	9.23	7.76	15.9	2.89
182	12/9/2007 08:46	9.56	47.571	30.76	9.27	7.75	15.5	2.97
183	12/9/2007 09:01	9.65	47.765	30.91	9.29	7.76	17.4	3.04
184	12/9/2007 09:16	9.65	48.029	31.1	9.29	7.76	19.6	3.12
185	12/9/2007 09:31	9.69	48.53	31.46	9.3	7.76	24.2	3.18
186	12/9/2007 09:46	9.62	48.284	31.28	9.32	7.78	23.4	3.25
187	12/9/2007 10:01	9.57	48.689	31.57	9.29	7.76	21.2	3.31
188	12/9/2007 10:16	9.53	48.793	31.64	9.26	7.76	14.6	3.33
189	12/9/2007 10:31	9.51	48.778	31.63	9.25	7.76	14.7	3.36
190	12/9/2007 10:46	9.49	48.927	31.73	9.13	7.75	22.7	3.39
191	12/9/2007 11:01	9.55	48.779	31.63	9.24	7.76	38.3	3.39

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
192	12/9/2007 11:16	9.51	48.869	31.69	9.22	7.76	19.9	3.34
193	12/9/2007 11:31	9.51	48.755	31.61	9.23	7.78	18.4	3.33
194	12/9/2007 11:46	9.51	48.413	31.36	9.18	7.75	21.1	3.28
195	12/9/2007 12:01	9.57	47.614	30.79	9.21	7.74	21.5	3.18
196	12/9/2007 12:16	9.56	47.645	30.82	9.21	7.74	42.9	3.09
197	12/9/2007 12:31	9.58	47.415	30.65	9.19	7.74	34.9	3.01
198	12/9/2007 12:46	9.62	47.485	30.71	9.19	7.74	26.3	2.91
199	12/9/2007 13:01	9.68	47.227	30.52	9.16	7.74	16.1	2.80
200	12/9/2007 13:16	9.77	47.198	30.51	9.19	7.73	16.8	2.68
201	12/9/2007 13:31	9.78	47.267	30.56	9.26	7.75	15.4	2.57
202	12/9/2007 13:46	9.8	47.085	30.43	9.33	7.75	17.1	2.47
203	12/9/2007 14:01	9.72	46.582	30.06	9.16	7.73	22.5	2.33
204	12/9/2007 14:16	9.68	46.31	29.87	9.09	7.72	24.0	2.21
205	12/9/2007 14:31	9.64	46.054	29.68	9.13	7.72	25.0	2.10
206	12/9/2007 14:46	9.69	46.238	29.82	9.13	7.73	22.8	1.95
207	12/9/2007 15:01	9.64	45.588	29.35	9.3	7.75	24.6	1.80
208	12/9/2007 15:16	9.57	45.906	29.57	9.21	7.72	22.8	1.67
209	12/9/2007 15:31	9.56	45.879	29.55	9.22	7.73	21.9	1.55
210	12/9/2007 15:46	9.44	45.594	29.34	9.16	7.74	21.0	1.38
211	12/9/2007 16:01	9.32	45.328	29.15	9.05	7.72	23.1	1.27
212	12/9/2007 16:16	9.24	45.242	29.08	9.02	7.69	22.3	1.13
213	12/9/2007 16:31	9.16	44.382	28.46	9.04	7.71	20.1	1.00
214	12/9/2007 16:46	9.08	44.567	28.59	9.03	7.71	20.4	0.92
215	12/9/2007 17:01	9.04	44.347	28.43	9.04	7.71	23.4	0.82
216	12/9/2007 17:16	8.96	44.714	28.69	9.04	7.71	18.6	0.77
217	12/9/2007 17:31	9.01	44.785	28.74	8.93	7.68	16.8	0.79
218	12/9/2007 17:46	9.04	44.838	28.78	8.97	7.7	14.0	0.79
219	12/9/2007 18:01	9.07	44.955	28.86	8.94	7.7	13.8	0.84
220	12/9/2007 18:16	9.08	44.923	28.84	8.92	7.68	12.1	0.89
221	12/9/2007 18:31	9.03	44.771	28.73	8.98	7.7	12.9	0.95
222	12/9/2007 18:46	8.9	44.199	28.32	9.01	7.69	14.1	0.99
223	12/9/2007 19:01	8.86	43.439	27.78	9.04	7.69	14.9	1.05
224	12/9/2007 19:16	9.04	44.616	28.62	8.87	7.69	10.9	1.09
225	12/9/2007 19:31	9.03	44.393	28.46	8.93	7.69	12.6	1.16
226	12/9/2007 19:46	9.08	44.69	28.68	8.9	7.69	13.7	1.21
227	12/9/2007 20:01	9.13	44.376	28.46	8.91	7.69	16.6	1.29
228	12/9/2007 20:16	9.13	44.584	28.6	8.93	7.69	17.4	1.40
229	12/9/2007 20:31	9.16	44.37	28.45	8.95	7.66	15.4	1.47
230	12/9/2007 20:46	9.17	44.19	28.33	8.97	7.69	16.7	1.56
231	12/9/2007 21:01	9.29	44.612	28.64	8.97	7.7	16.6	1.68
232	12/9/2007 21:16	9.25	44.547	28.59	9.01	7.67	15.6	1.77
233	12/9/2007 21:31	9.29	44.685	28.69	9.01	7.7	15.2	1.87
234	12/9/2007 21:46	9.4	45.617	29.36	8.99	7.71	22.7	1.98
235	12/9/2007 22:01	9.41	45.819	29.5	8.99	7.71	28.7	2.07
236	12/9/2007 22:16	9.45	45.145	29.02	9.04	7.72	26.4	2.16
237	12/9/2007 22:31	9.51	45.608	29.36	9.03	7.72	27.9	2.24
238	12/9/2007 22:46	9.48	45.712	29.43	9.06	7.72	28.6	2.33
239	12/9/2007 23:01	9.52	45.876	29.55	9.07	7.73	40.6	2.39

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
240	12/9/2007 23:16	9.54	46.333	29.88	9.1	7.73	38.6	2.45
241	12/9/2007 23:31	9.53	45.934	29.59	9.14	7.74	35.7	2.52
242	12/9/2007 23:46	9.53	46.684	30.13	9.11	7.74	34.5	2.57
243	12/10/2007 00:01	9.51	46.379	29.91	9.14	7.74	25.5	2.61
244	12/10/2007 00:16	9.46	47.006	30.35	9.16	7.74	19.0	2.67
245	12/10/2007 00:31	9.43	47.071	30.4	9.18	7.74	17.4	2.70
246	12/10/2007 00:46	9.41	47.277	30.54	9.12	7.74	13.7	2.74
247	12/10/2007 01:01	9.4	47.704	30.85	9.09	7.75	12.7	2.76
248	12/10/2007 01:16	9.42	47.122	30.43	9.14	7.74	16.4	2.78
249	12/10/2007 01:31	9.41	47.606	30.78	9.16	7.73	16.1	2.76
250	12/10/2007 01:46	9.4	47.229	30.51	9.15	7.75	15.2	2.73
251	12/10/2007 02:01	9.41	47.199	30.49	9.14	7.75	17.3	2.72
252	12/10/2007 02:16	9.23	46.881	30.25	9.07	7.73	18.8	2.65
253	12/10/2007 02:31	9.36	46.823	30.21	9.01	7.73	27.6	2.60
254	12/10/2007 02:46	9.35	46.179	29.75	9.04	7.72	29.6	2.56
255	12/10/2007 03:01	9.3	45.684	29.4	9	7.72	24.0	2.49
256	12/10/2007 03:16	9.28	45.783	29.47	9.01	7.72	21.7	2.43
257	12/10/2007 03:31	9.24	45.719	29.42	8.96	7.71	20.5	2.38
258	12/10/2007 03:46	9.19	46.109	29.69	8.91	7.71	15.6	2.33
259	12/10/2007 04:01	9.1	46.01	29.62	8.83	7.7	17.0	2.26
260	12/10/2007 04:16	8.89	45.934	29.55	8.86	7.7	19.7	2.24
261	12/10/2007 04:31	8.86	45.668	29.36	8.88	7.67	18.0	2.22
262	12/10/2007 04:46	8.9	45.571	29.29	8.88	7.67	24.8	2.18
263	12/10/2007 05:01	8.89	44.822	28.76	8.78	7.68	12.4	2.16
264	12/10/2007 05:16	9.05	45.622	29.34	8.67	7.68	12.2	2.17
265	12/10/2007 05:31	9.02	45.812	29.47	8.85	7.7	12.9	2.17
266	12/10/2007 05:46	8.98	45.906	29.53	8.79	7.69	9.8	2.16
267	12/10/2007 06:01	8.99	45.53	29.27	8.86	7.7	16.5	2.21
268	12/10/2007 06:16	9.02	45.967	29.58	8.89	7.7	16.6	2.24
269	12/10/2007 06:31	9.09	45.966	29.58	8.92	7.71	18.5	2.28
270	12/10/2007 06:46	9.01	46.036	29.63	8.97	7.71	17.7	2.33
271	12/10/2007 07:01	9.05	46.107	29.68	8.97	7.69	19.2	2.39
272	12/10/2007 07:16	9.11	46.44	29.92	9	7.72	20.9	2.45
273	12/10/2007 07:31	9.04	46.522	29.98	9.02	7.72	22.0	2.50
274	12/10/2007 07:46	9.08	46.727	30.13	9.04	7.72	15.6	2.57
275	12/10/2007 08:01	9.1	46.697	30.11	9.08	7.72	15.2	2.65
276	12/10/2007 08:16	9.06	47.002	30.32	9.11	7.73	14.0	2.70
277	12/10/2007 08:31	9.05	47.309	30.54	9.13	7.73	13.2	2.78
278	12/10/2007 08:46	9.11	47.388	30.6	9.14	7.73	14.4	2.86
279	12/10/2007 09:01	9.08	47.204	30.47	9.17	7.74	13.0	2.93
280	12/10/2007 09:16	9.2	48.452	31.37	9.11	7.74	12.9	3.01
281	12/10/2007 09:31	9.28	49.083	31.83	9.1	7.74	17.3	3.08
282	12/10/2007 09:46	9.27	49.127	31.86	9.08	7.74	22.6	3.15
283	12/10/2007 10:01	9.26	48.792	31.62	9.09	7.74	16.0	3.22
284	12/10/2007 10:16	9.21	49.309	31.99	9.06	7.74	17.3	3.28
285	12/10/2007 10:31	9.17	48.774	31.6	9.06	7.74	13.0	3.33
286	12/10/2007 10:46	9.16	49.21	31.91	9.02	7.74	12.0	3.38
287	12/10/2007 11:01	9.12	49.518	32.13	8.96	7.74	8.8	3.41

sonde #3		Indian Island Long-Term Deployment Water Quality Data					TP #3	
			SpCond	Salinity	DO Conc		Turbidity+	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	Depth meters
288	12/10/2007 11:16	9.12	49.6	32.19	8.9	7.73	10.0	3.43
289	12/10/2007 11:31	9.14	48.969	31.74	9.04	7.74	11.3	3.43
290	12/10/2007 11:46	9.13	49.607	32.2	8.99	7.74	12.3	3.42
291	12/10/2007 12:01	9.12	49.15	31.87	9	7.74	12.3	3.37
292	12/10/2007 12:16	9.14	49.458	32.09	9.01	7.74	15.6	3.33
293	12/10/2007 12:31	9.31	48.657	31.53	9.02	7.73	19.5	3.25
294	12/10/2007 12:46	9.42	48.184	31.19	9.08	7.72	27.8	3.16
295	12/10/2007 13:01	9.48	47.663	30.82	9.17	7.74	22.7	3.08
296	12/10/2007 13:16	9.44	48.148	31.17	9.11	7.74	33.9	2.96
297	12/10/2007 13:31	9.55	48.075	31.12	9.17	7.72	14.3	2.86
298	12/10/2007 13:46	9.54	48.152	31.18	9.2	7.73	11.3	2.76
299	12/10/2007 14:01	9.5	47.62	30.79	9.15	7.72	15.7	2.62
300	12/10/2007 14:16	9.5	47.197	30.49	9.17	7.73	14.1	2.52
301	12/10/2007 14:31	9.47	47.094	30.42	9.16	7.73	17.0	2.40
302	12/10/2007 14:46	9.57	47.491	30.71	9.17	7.72	14.7	2.29
303	12/10/2007 15:01	9.52	47.082	30.41	9.22	7.72	15.2	2.14
304	12/10/2007 15:16	9.49	46.918	30.29	9.17	7.74	18.1	2.03
305	12/10/2007 15:31	9.51	46.867	30.26	9.25	7.72	19.8	1.89
306	12/10/2007 15:46	9.4	46.509	29.99	9.26	7.74	21.8	1.75
307	12/10/2007 16:01	9.38	46.455	29.95	9.28	7.74	19.1	1.60
308	12/10/2007 16:16	9.28	46.153	29.73	9.26	7.74	17.9	1.46
309	12/10/2007 16:31	9.23	46.028	29.64	9.24	7.73	18.5	1.33
310	12/10/2007 16:46	9.1	45.556	29.29	9.22	7.72	17.4	1.20
311	12/10/2007 17:01	9.02	45.51	29.26	9.18	7.72		1.07
312	12/10/2007 17:16	8.95	44.743	28.71	9.24	7.72	21.5	0.97
313	12/10/2007 17:31	8.79	45.049	28.91	9.27	7.72	20.7	0.89
314	12/10/2007 17:46	8.74	45.015	28.88	9.28	7.72	14.9	0.80
315	12/10/2007 18:01	8.64	44.211	28.31	9.34	7.72	14.4	0.78
316	12/10/2007 18:16	8.73	44.358	28.42	9.25	7.72	12.7	0.79
317	12/10/2007 18:31	8.75	45.017	28.89	9.23	7.72	13.4	0.81
318	12/10/2007 18:46	8.8	44.585	28.58	9.21	7.72	13.8	0.86
319	12/10/2007 19:01	8.8	45.259	29.06	9.2	7.71	11.7	0.92
320	12/10/2007 19:16	8.79	44.821	28.75	9.2	7.71	11.6	0.97
321	12/10/2007 19:31	8.64	44.566	28.56	9.23	7.71	11.5	1.03
322	12/10/2007 19:46	8.7	44.561	28.56	9.21	7.7	12.9	1.09
323	12/10/2007 20:01	8.79	44.742	28.69	9.18	7.7	11.8	1.15
324	12/10/2007 20:16	8.87	44.005	28.18	9.18	7.7	11.9	1.22
325	12/10/2007 20:31	8.89	44.502	28.53	9.14	7.69	12.8	1.28
326	12/10/2007 20:46	8.95	44.658	28.65	9.14	7.7	13.3	1.36
327	12/10/2007 21:01	8.99	44.484	28.52	9.15	7.7	15.4	1.46
328	12/10/2007 21:16	8.94	44.718	28.69	9.15	7.7	14.1	1.54
329	12/10/2007 21:31	9	44.854	28.79	9.14	7.7	27.1	1.63
330	12/10/2007 21:46	9.04	45.129	28.99	9.12	7.7	15.5	1.74
331	12/10/2007 22:01	9.13	45.57	29.3	9.08	7.67	21.9	1.85
332	12/10/2007 22:16	9.23	46.114	29.7	9.08	7.69	17.7	1.95
333	12/10/2007 22:31	9.23	45.734	29.43	9.11	7.71	19.5	2.04
334	12/10/2007 22:46	9.27	46.425	29.92	9.09	7.71	22.9	2.14
335	12/10/2007 23:01	9.28	46.566	30.02	9.09	7.72	77.0	2.23

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
336	12/10/2007 23:16	9.21	46.202	29.76	9.11	7.72	34.6	2.31
337	12/10/2007 23:31	9.18	46.819	30.2	9.09	7.72	23.8	2.38
338	12/10/2007 23:46	9.21	47.106	30.41	9.1	7.72	27.1	2.46
339	12/11/2007 00:01	9.19	46.455	29.94	9.13	7.72	23.9	2.53
340	12/11/2007 00:16	9.18	47.226	30.49	9.08	7.72	23.4	2.58
341	12/11/2007 00:31	9.19	46.834	30.21	9.1	7.72	20.7	2.65
342	12/11/2007 00:46	9.19	48.175	31.17	9.07	7.73	22.0	2.70
343	12/11/2007 01:01	9.2	47.499	30.69	9.09	7.73	18.3	2.75
344	12/11/2007 01:16	9.2	48.427	31.35	9.02	7.73	9.8	2.78
345	12/11/2007 01:31	9.2	48.519	31.42	8.94	7.73	9.9	2.82
346	12/11/2007 01:46	9.19	48.457	31.37	8.99	7.73	9.7	2.83
347	12/11/2007 02:01	9.2	47.753	30.87	9.04	7.73	12.7	2.82
348	12/11/2007 02:16	9.2	48.081	31.1	8.99	7.73	18.6	2.80
349	12/11/2007 02:31	9.17	48.47	31.38	8.95	7.73	12.7	2.77
350	12/11/2007 02:46	9.11	48.294	31.25	9.01	7.73	15.7	2.72
351	12/11/2007 03:01	9.1	47.861	30.94	8.95	7.72	12.9	2.67
352	12/11/2007 03:16	9.05	47.291	30.53	8.95	7.72	20.4	2.60
353	12/11/2007 03:31	9.04	47.296	30.53	8.97	7.71	18.5	2.54
354	12/11/2007 03:46	8.99	47.104	30.39	8.95	7.71	20.6	2.49
355	12/11/2007 04:01	8.98	46.967	30.29	8.91	7.71	27.1	2.43
356	12/11/2007 04:16	8.89	46.875	30.22	8.92	7.68	27.1	2.36
357	12/11/2007 04:31	8.83	46.731	30.11	8.93	7.68	24.9	2.32
358	12/11/2007 04:46	8.75	46.667	30.06	8.91	7.68	13.5	2.30
359	12/11/2007 05:01	8.7	46.507	29.94	8.96	7.7	13.7	2.25
360	12/11/2007 05:16	8.68	46.303	29.8	8.98	7.67	13.4	2.21
361	12/11/2007 05:31	8.67	46.17	29.7	8.96	7.7	10.2	2.22
362	12/11/2007 05:46	8.65	46.22	29.73	8.73	7.67	10.7	2.20
363	12/11/2007 06:01	8.68	46.375	29.85	8.81	7.66	23.3	2.20
364	12/11/2007 06:16	8.6	46.451	29.9	8.86	7.67	14.8	2.21
365	12/11/2007 06:31	8.52	46.502	29.93	8.85	7.69	9.9	2.23
366	12/11/2007 06:46	8.65	46.559	29.97	8.91	7.67	14.4	2.26
367	12/11/2007 07:01	8.8	46.652	30.05	8.91	7.67	13.8	2.29
368	12/11/2007 07:16	8.84	46.723	30.11	8.96	7.7	14.6	2.34
369	12/11/2007 07:31	8.63	46.627	30.02	9.01	7.7	12.6	2.38
370	12/11/2007 07:46	8.88	46.899	30.23	8.98	7.71	15.2	2.44
371	12/11/2007 08:01	8.83	47.311	30.53	8.99	7.69	12.8	2.50
372	12/11/2007 08:16	8.75	47.26	30.48	9.01	7.71	21.7	2.56
373	12/11/2007 08:31	8.77	47.489	30.65	9.01	7.69	12.7	2.63
374	12/11/2007 08:46	8.86	47.811	30.88	9	7.72	12.1	2.70
375	12/11/2007 09:01	8.94	48.171	31.15	8.99	7.7	15.5	2.77
376	12/11/2007 09:16	8.99	48.274	31.23	9	7.7	11.2	2.84
377	12/11/2007 09:31	9	48.41	31.33	8.99	7.73	10.9	2.92
378	12/11/2007 09:46	9.07	48.788	31.6	8.93	7.73	12.4	2.99
379	12/11/2007 10:01	9.13	49.094	31.83	8.9	7.71	14.7	3.06
380	12/11/2007 10:16	9.12	49.136	31.86	8.9	7.71	19.9	3.14
381	12/11/2007 10:31	9.13	49.224	31.92	8.87	7.73	15.4	3.21
382	12/11/2007 10:46	9.12	49.32	31.99	8.86	7.73	13.0	3.27
383	12/11/2007 11:01	9.05	49.546	32.15	8.84	7.71	13.5	3.32

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
384	12/11/2007 11:16	9.05	49.614	32.19	8.81	7.73	11.0	3.38
385	12/11/2007 11:31	9.08	49.806	32.33	8.72	7.71	8.9	3.41
386	12/11/2007 11:46	9.1	49.77	32.31	8.66	7.71	8.3	3.43
387	12/11/2007 12:01	9.09	49.698	32.26	8.75	7.71	9.1	3.45
388	12/11/2007 12:16	9.09	49.929	32.42	8.7	7.74	9.6	3.45
389	12/11/2007 12:31	9.08	49.864	32.38	8.71	7.71	9.7	3.41
390	12/11/2007 12:46	9.09	49.702	32.26	8.75	7.73	10.5	3.36
391	12/11/2007 13:01	9.24	48.64	31.51	8.99	7.72	11.2	3.31
392	12/11/2007 13:16	9.17	48.98	31.75	8.96	7.74	15.3	3.23
393	12/11/2007 13:31	9.24	48.581	31.47	9	7.72	11.7	3.14
394	12/11/2007 13:46	9.18	48.654	31.51	8.97	7.73	16.2	3.04
395	12/11/2007 14:01	9.24	48.197	31.19	9.05	7.71	18.4	2.94
396	12/11/2007 14:16	9.24	48.26	31.24	9.04	7.71	10.9	2.84
397	12/11/2007 14:31	9.19	47.977	31.03	9.1	7.71	14.4	2.72
398	12/11/2007 14:46	9.12	47.59	30.75	9.17	7.71	11.0	2.61
399	12/11/2007 15:01	9.17	47.661	30.8	9.12	7.73	11.6	2.49
400	12/11/2007 15:16	9.1	47.427	30.63	9.12	7.71	13.2	2.38
401	12/11/2007 15:31	9.13	47.594	30.75	9.15	7.74	12.1	2.24
402	12/11/2007 15:46	9.08	47.372	30.59	9.19	7.71	11.9	2.12
403	12/11/2007 16:01	9.02	47.069	30.37	9.2	7.73	15.0	1.99
404	12/11/2007 16:16	8.98	46.993	30.31	9.21	7.74	16.5	1.86
405	12/11/2007 16:31	8.89	46.731	30.12	9.23	7.71	16.4	1.71
406	12/11/2007 16:46	8.82	46.538	29.97	9.24	7.73	16.6	1.56
407	12/11/2007 17:01	8.76	46.361	29.84	9.22	7.7	15.2	1.42
408	12/11/2007 17:16	8.68	46.089	29.64	9.22	7.72	16.0	1.30
409	12/11/2007 17:31	8.58	45.875	29.48	9.25	7.72	18.2	1.17
410	12/11/2007 17:46	8.45	45.695	29.35	9.3	7.7	18.5	1.05
411	12/11/2007 18:01	8.34	45.536	29.23	9.33	7.7	18.7	0.98
412	12/11/2007 18:16	8.24	45.411	29.13	9.3	7.69	13.7	0.90
413	12/11/2007 18:31	8.22	45.39	29.11	9.31	7.69	13.3	0.85
414	12/11/2007 18:46	8.26	45.501	29.19	9.21	7.69	12.9	0.85
415	12/11/2007 19:01	8.27	45.457	29.16	9.2	7.69	9.4	0.86
416	12/11/2007 19:16	8.37	45.577	29.26	9.23	7.69	12.3	0.91
417	12/11/2007 19:31	8.4	45.184	28.98	9.25	7.72	11.5	0.95
418	12/11/2007 19:46	8.42	45.617	29.29	9.23	7.72	9.2	1.00
419	12/11/2007 20:01	8.44	45.644	29.31	9.21	7.69	9.3	1.07
420	12/11/2007 20:16	8.28	45.177	28.97	9.27	7.68	10.0	1.11
421	12/11/2007 20:31	8.23	44.393	28.41	9.29	7.7	10.2	1.17
422	12/11/2007 20:46	8.36	45.32	29.07	9.24	7.71	10.7	1.23
423	12/11/2007 21:01	8.35	45.124	28.93	9.24	7.68	10.7	1.30
424	12/11/2007 21:16	8.4	45.188	28.98	9.25	7.71	12.7	1.39
425	12/11/2007 21:31	8.37	44.675	28.62	9.25	7.7	10.7	1.46
426	12/11/2007 21:46	8.48	45.37	29.12	9.22	7.7	11.0	1.55
427	12/11/2007 22:01	8.4	44.464	28.47	9.27	7.7	12.0	1.65
428	12/11/2007 22:16	8.49	45.331	29.09	9.21	7.7	12.2	1.75
429	12/11/2007 22:31	8.72	46.069	29.63	9.14	7.7	13.3	1.86
430	12/11/2007 22:46	8.85	46.501	29.95	9.1	7.69	14.6	1.94
431	12/11/2007 23:01	8.87	46.631	30.04	9.11	7.69	14.5	2.06

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
432	12/11/2007 23:16	8.87	46.671	30.07	9.11	7.69	14.9	2.15
433	12/11/2007 23:31	8.89	46.726	30.11	9.11	7.69	15.9	2.24
434	12/11/2007 23:46	8.92	46.963	30.28	9.1	7.69	18.0	2.32
435	12/12/2007 00:01	8.88	47.048	30.34	9.08	7.69	20.6	2.40
436	12/12/2007 00:16	8.93	47.26	30.5	9.06	7.72	19.9	2.48
437	12/12/2007 00:31	8.93	47.431	30.62	9.05	7.7	21.7	2.54
438	12/12/2007 00:46	8.95	47.534	30.69	9.04	7.72	18.9	2.60
439	12/12/2007 01:01	8.96	47.634	30.77	9.03	7.7	16.3	2.67
440	12/12/2007 01:16	8.98	47.789	30.88	9	7.72	15.4	2.72
441	12/12/2007 01:31	9	48.107	31.11	8.94	7.7	15.5	2.76
442	12/12/2007 01:46	9.02	48	31.03	8.9	7.73	11.7	2.80
443	12/12/2007 02:01	9.03	48.482	31.38	8.85	7.73	8.5	2.85
444	12/12/2007 02:16	9.04	48.202	31.18	8.78	7.73	6.9	2.86
445	12/12/2007 02:31	9.02	48.503	31.39	8.86	7.73	10.2	2.87
446	12/12/2007 02:46	9.04	48.683	31.52	8.84	7.73	10.4	2.87
447	12/12/2007 03:01	9.03	47.946	30.99	8.83	7.73	10.4	2.84
448	12/12/2007 03:16	8.98	48.017	31.04	8.83	7.73	10.0	2.80
449	12/12/2007 03:31	8.82	47.684	30.79	8.84	7.71	9.6	2.76
450	12/12/2007 03:46	8.88	47.554	30.7	8.89	7.71	11.2	2.71
451	12/12/2007 04:01	8.82	47.429	30.61	8.92	7.71	12.7	2.64
452	12/12/2007 04:16	8.81	47.069	30.35	8.94	7.71	15.1	2.58
453	12/12/2007 04:31	8.8	47.251	30.48	8.91	7.71	13.5	2.52
454	12/12/2007 04:46	8.79	47.188	30.43	8.87	7.71	16.8	2.47
455	12/12/2007 05:01	8.67	46.959	30.26	8.88	7.67	12.6	2.42
456	12/12/2007 05:16	8.66	46.906	30.22	8.84	7.67	8.7	2.37
457	12/12/2007 05:31	8.61	46.944	30.25	8.83	7.67	9.7	2.34
458	12/12/2007 05:46	8.56	46.849	30.18	8.95	7.67	13.2	2.31
459	12/12/2007 06:01	8.53	46.68	30.05	8.96	7.67	12.2	2.28
460	12/12/2007 06:16	8.52	46.577	29.98	8.95	7.67	11.2	2.27
461	12/12/2007 06:31	8.5	46.558	29.96	8.66	7.65	9.6	2.26
462	12/12/2007 06:46	8.47	46.635	30.02	8.65	7.65	11.7	2.26
463	12/12/2007 07:01	8.47	46.692	30.06	8.8	7.66	8.0	2.28
464	12/12/2007 07:16	8.48	46.731	30.09	8.85	7.69	10.2	2.31
465	12/12/2007 07:31	8.57	46.829	30.16	8.92	7.7	9.3	2.33
466	12/12/2007 07:46	8.58	46.856	30.18	8.94	7.7	10.5	2.38
467	12/12/2007 08:01	8.58	46.947	30.25	8.98	7.68	11.9	2.43
468	12/12/2007 08:16	8.58	46.914	30.22	8.96	7.68	10.0	2.47
469	12/12/2007 08:31	8.65	47.116	30.37	8.93	7.68	12.1	2.54
470	12/12/2007 08:46	8.68	47.36	30.55	8.94	7.71	11.0	2.59
471	12/12/2007 09:01	8.66	47.515	30.66	8.95	7.69	10.4	2.65
472	12/12/2007 09:16	8.69	47.668	30.77	8.94	7.69	9.9	2.71
473	12/12/2007 09:31	8.79	48.058	31.06	8.89	7.69	10.1	2.78
474	12/12/2007 09:46	8.88	48.373	31.29	8.83	7.72	12.3	2.84
475	12/12/2007 10:01	8.93	48.288	31.23	8.82	7.7	11.0	2.91
476	12/12/2007 10:16	8.98	48.7	31.53	8.78	7.71	14.1	2.99
477	12/12/2007 10:31	9.03	48.916	31.69	8.74	7.73	10.9	3.05
478	12/12/2007 10:46	9.03	49.037	31.78	8.74	7.73	10.1	3.12
479	12/12/2007 11:01	9.03	49.174	31.88	8.73	7.71	13.3	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
480	12/12/2007 11:16	9.04	49.291	31.96	8.64	7.73	12.4	3.25
481	12/12/2007 11:31	9.06	49.436	32.07	8.61	7.73	12.1	3.30
482	12/12/2007 11:46	9.07	49.567	32.16	8.54	7.73	10.9	3.34
483	12/12/2007 12:01	9.08	49.701	32.26	8.46	7.73	6.4	3.38
484	12/12/2007 12:16	9.09	49.778	32.32	8.38	7.71	6.5	3.40
485	12/12/2007 12:31	9.09	49.494	32.11	8.53	7.71	6.7	3.42
486	12/12/2007 12:46	9.09	49.626	32.21	8.48	7.73	6.9	3.43
487	12/12/2007 13:01	9.11	49.809	32.34	8.41	7.73	8.4	3.40
488	12/12/2007 13:16	9.11	49.754	32.3	8.43	7.73	7.6	3.37
489	12/12/2007 13:31	9.14	49.27	31.95	8.57	7.73	7.8	3.33
490	12/12/2007 13:46	9.32	48.71	31.56	8.98	7.73	8.1	3.26
491	12/12/2007 14:01	9.28	48.788	31.62	8.95	7.75	9.8	3.17
492	12/12/2007 14:16	9.26	48.502	31.41	9.02	7.75	10.6	3.09
493	12/12/2007 14:31	9.25	48.277	31.25	9.07	7.74	10.1	3.00
494	12/12/2007 14:46	9.23	48.336	31.29	9.1	7.75	7.7	2.89
495	12/12/2007 15:01	9.2	48.265	31.24	9.08	7.75	8.5	2.79
496	12/12/2007 15:16	9.16	47.933	30.99	9.1	7.74	11.4	2.68
497	12/12/2007 15:31	9.16	47.972	31.02	9.14	7.75	10.6	2.57
498	12/12/2007 15:46	9.15	47.767	30.88	9.17	7.74	9.6	2.46
499	12/12/2007 16:01	9.09	47.644	30.78	9.15	7.74	17.0	2.32
500	12/12/2007 16:16	9.06	47.594	30.74	9.19	7.74	14.3	2.20
501	12/12/2007 16:31	8.97	47.164	30.43	9.25	7.74	13.5	2.09
502	12/12/2007 16:46	8.94	47.157	30.42	9.26	7.74	11.9	1.95
503	12/12/2007 17:01	8.86	46.892	30.23	9.29	7.74	22.7	1.80
504	12/12/2007 17:16	8.82	46.77	30.14	9.28	7.73	16.6	1.66
505	12/12/2007 17:31	8.75	46.51	29.95	9.31	7.73	16.5	1.52
506	12/12/2007 17:46	8.72	46.37	29.85	9.3	7.73	14.6	1.39
507	12/12/2007 18:01	8.65	46.209	29.73	9.33	7.73	14.6	1.26
508	12/12/2007 18:16	8.56	45.968	29.55	9.43	7.71	14.5	1.13
509	12/12/2007 18:31	8.47	45.812	29.43	9.49	7.74	13.0	1.04
510	12/12/2007 18:46	8.38	45.662	29.32	9.5	7.73	13.6	0.97
511	12/12/2007 19:01	8.37	45.639	29.3	9.46	7.7	15.1	0.90
512	12/12/2007 19:16	8.37	45.646	29.31	9.34	7.7	10.5	0.90
513	12/12/2007 19:31	8.38	45.691	29.34	9.28	7.69	8.0	0.90
514	12/12/2007 19:46	8.43	45.82	29.43	9.41	7.71	9.0	0.94
515	12/12/2007 20:01	8.5	45.872	29.48	9.4	7.71	9.5	0.99
516	12/12/2007 20:16	8.49	45.859	29.47	9.41	7.71	9.5	1.04
517	12/12/2007 20:31	8.51	45.904	29.5	9.4	7.71	10.2	1.12
518	12/12/2007 20:46	8.47	45.784	29.41	9.39	7.7	7.4	1.16
519	12/12/2007 21:01	8.39	45.539	29.23	9.39	7.7	9.1	1.21
520	12/12/2007 21:16	8.41	45.326	29.08	9.41	7.69	8.3	1.28
521	12/12/2007 21:31	8.48	45.527	29.23	9.38	7.72	9.3	1.34
522	12/12/2007 21:46	8.5	45.611	29.29	9.35	7.69	9.5	1.39
523	12/12/2007 22:01	8.52	45.566	29.26	9.36	7.69	10.6	1.49
524	12/12/2007 22:16	8.5	45.479	29.2	9.37	7.69	10.7	1.56
525	12/12/2007 22:31	8.53	45.529	29.23	9.36	7.71	11.8	1.65
526	12/12/2007 22:46	8.54	45.409	29.15	9.34	7.71	10.7	1.75
527	12/12/2007 23:01	8.76	46.455	29.91	9.2	7.71	11.8	1.84

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
528	12/12/2007 23:16	8.76	46.393	29.86	9.2	7.72	11.8	1.95
529	12/12/2007 23:31	8.7	46.229	29.74	9.22	7.72	12.6	2.05
530	12/12/2007 23:46	8.82	46.638	30.04	9.17	7.72	12.7	2.14
531	12/13/2007 00:01	8.91	47.088	30.37	9.13	7.7	15.0	2.24
532	12/13/2007 00:16	8.92	47.26	30.5	9.09	7.7	16.3	2.32
533	12/13/2007 00:31	8.89	47.278	30.51	9.09	7.72	16.4	2.41
534	12/13/2007 00:46	8.92	47.49	30.66	9.05	7.7	18.5	2.49
535	12/13/2007 01:01	8.94	47.657	30.78	9.03	7.7	19.2	2.55
536	12/13/2007 01:16	8.95	47.761	30.86	9.01	7.7	20.1	2.61
537	12/13/2007 01:31	8.96	47.892	30.95	9	7.73	15.5	2.68
538	12/13/2007 01:46	8.99	48.194	31.17	8.94	7.73	14.4	2.73
539	12/13/2007 02:01	9.02	48.52	31.4	8.9	7.73	13.7	2.79
540	12/13/2007 02:16	9.03	48.719	31.55	8.87	7.71	10.7	2.83
541	12/13/2007 02:31	9.05	48.788	31.6	8.8	7.73	9.5	2.87
542	12/13/2007 02:46	9.06	48.863	31.66	8.72	7.73	4.7	2.89
543	12/13/2007 03:01	9.06	48.945	31.71	8.7	7.73	6.5	2.92
544	12/13/2007 03:16	9.04	48.798	31.61	8.78	7.73	9.8	2.91
545	12/13/2007 03:31	9.07	48.966	31.73	8.78	7.74	10.1	2.89
546	12/13/2007 03:46	9.01	48.639	31.49	8.8	7.73	9.4	2.86
547	12/13/2007 04:01	8.95	48.626	31.48	8.78	7.73	10.1	2.82
548	12/13/2007 04:16	8.85	48.203	31.17	8.86	7.7	13.1	2.77
549	12/13/2007 04:31	8.85	48.054	31.06	8.85	7.69	15.9	2.71
550	12/13/2007 04:46	8.79	47.827	30.89	8.87	7.69	13.5	2.64
551	12/13/2007 05:01	8.79	47.719	30.81	8.88	7.72	11.9	2.59
552	12/13/2007 05:16	8.78	47.675	30.78	8.84	7.71	13.5	2.52
553	12/13/2007 05:31	8.73	47.568	30.7	8.86	7.71	10.9	2.47
554	12/13/2007 05:46	8.67	47.429	30.6	8.88	7.71	11.8	2.44
555	12/13/2007 06:01	8.49	47.303	30.49	8.9	7.68	9.6	2.38
556	12/13/2007 06:16	8.41	47.229	30.43	8.9	7.68	9.4	2.35
557	12/13/2007 06:31	8.36	47.044	30.3	8.95	7.68	12.1	2.31
558	12/13/2007 06:46	8.34	46.887	30.19	8.96	7.7	27.1	2.29
559	12/13/2007 07:01	8.3	46.849	30.16	8.96	7.67	8.6	2.29
560	12/13/2007 07:16	8.32	46.786	30.11	8.61	7.64	6.9	2.28
561	12/13/2007 07:31	8.3	47.026	30.28	8.8	7.69	27.8	2.26
562	12/13/2007 07:46	8.41	47.075	30.33	8.88	7.7	7.5	2.28
563	12/13/2007 08:01	8.34	47.142	30.37	8.9	7.7	8.0	2.32
564	12/13/2007 08:16	8.44	47.224	30.43	8.94	7.71	9.1	2.35
565	12/13/2007 08:31	8.44	47.222	30.43	8.93	7.71	8.3	2.38
566	12/13/2007 08:46	8.58	47.359	30.54	8.94	7.69	9.0	2.43
567	12/13/2007 09:01	8.51	47.285	30.48	8.96	7.71	9.4	2.48
568	12/13/2007 09:16	8.63	47.578	30.7	8.92	7.72	10.6	2.53
569	12/13/2007 09:31	8.59	47.57	30.69	8.92	7.72	9.1	2.58
570	12/13/2007 09:46	8.63	47.864	30.91	8.89	7.7	8.5	2.64
571	12/13/2007 10:01	8.65	47.87	30.91	8.92	7.72	11.2	2.70
572	12/13/2007 10:16	8.77	48.262	31.2	8.85	7.72	8.0	2.75
573	12/13/2007 10:31	8.88	48.545	31.41	8.8	7.73	10.4	2.81
574	12/13/2007 10:46	8.93	48.826	31.62	8.74	7.73	8.5	2.88
575	12/13/2007 11:01	8.96	48.906	31.68	8.69	7.73	8.5	2.94

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
576	12/13/2007 11:16	8.99	48.979	31.73	8.67	7.73	7.6	3.00
577	12/13/2007 11:31	8.99	49.293	31.96	8.55	7.73	8.0	3.06
578	12/13/2007 11:46	9.01	49.326	31.98	8.54	7.7	7.9	3.12
579	12/13/2007 12:01	8.99	49.354	32	8.58	7.73	8.6	3.18
580	12/13/2007 12:16	9.01	49.469	32.09	8.54	7.71	8.3	3.22
581	12/13/2007 12:31	9	49.499	32.11	8.48	7.73	6.6	3.25
	Mean	9.28	46.63	30.07	9.00	7.72	21.4	2.26
	Standard Dev.	0.56	1.44	1.02	0.20	0.03	17.8	0.72

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	12/13/2007 12:46	9.03	49.781	32.31	8.67	7.85	6.2	3.10
1	12/13/2007 13:01	9.04	49.649	32.22	8.65	7.89	4.9	3.12
2	12/13/2007 13:16	9.04	49.43	32.06	8.59	7.9	6.1	3.12
3	12/13/2007 13:31	9.03	49.854	32.37	8.53	7.91	7.5	3.13
4	12/13/2007 13:46	9.04	50.093	32.54	8.48	7.91	5.6	3.11
5	12/13/2007 14:01	9.04	49.962	32.44	8.46	7.92	6.1	3.07
6	12/13/2007 14:16	9.07	49.559	32.16	8.47	7.92	6.2	3.03
7	12/13/2007 14:31	9.14	49.241	31.93	8.64	7.94	6.2	2.97
8	12/13/2007 14:46	9.17	49.037	31.79	8.75	7.95	7.5	2.88
9	12/13/2007 15:01	9.11	48.803	31.62	8.72	7.94	13.0	2.79
10	12/13/2007 15:16	9.1	48.702	31.54	8.84	7.95	8.1	2.69
11	12/13/2007 15:31	9.09	48.292	31.25	8.93	7.96	6.3	2.60
12	12/13/2007 15:46	9.08	48.368	31.3	9.05	7.96	7.8	2.49
13	12/13/2007 16:01	9.03	48.004	31.04	9.04	7.96	7.9	2.39
14	12/13/2007 16:16	9.02	48.016	31.04	9.02	7.96	8.7	2.29
15	12/13/2007 16:31	8.98	47.994	31.02	9.06	7.96	10.8	2.17
16	12/13/2007 16:46	8.88	47.599	30.73	9.08	7.96	11.2	2.06
17	12/13/2007 17:01	8.84	47.688	30.8	9.09	7.96	9.9	1.93
18	12/13/2007 17:16	8.79	47.627	30.75	9.09	7.96	9.7	1.83
19	12/13/2007 17:31	8.7	47.471	30.63	9.13	7.96	11.8	1.71
20	12/13/2007 17:46	8.62	47.091	30.35	9.17	7.96	12.2	1.56
21	12/13/2007 18:01	8.57	47.131	30.38	9.19	7.96	13.6	1.44
22	12/13/2007 18:16	8.52	46.909	30.21	9.22	7.96	12.4	1.31
23	12/13/2007 18:31	8.46	46.907	30.21	9.2	7.96	11.5	1.20
24	12/13/2007 18:46	8.38	46.766	30.1	9.27	7.96	10.4	1.08
25	12/13/2007 19:01	8.31	46.555	29.95	9.34	7.96	11.8	0.96
26	12/13/2007 19:16	8.21	46.503	29.9	9.36	7.96	9.7	0.90
27	12/13/2007 19:31	8.14	46.422	29.84	9.38	7.96	7.8	0.82
28	12/13/2007 19:46	8.07	46.336	29.77	9.36	7.96	9.6	0.76
29	12/13/2007 20:01	8.05	46.038	29.56	9.33	7.9	6.1	0.75
30	12/13/2007 20:16	8.04	46.096	29.6	9.29	7.89	5.5	0.76
31	12/13/2007 20:31	8.13	46.336	29.78	9.32	7.91	7.0	0.79
32	12/13/2007 20:46	8.2	46.452	29.87	9.29	7.96	6.8	0.85
33	12/13/2007 21:01	8.21	46.4	29.83	9.29	7.91	5.7	0.90
34	12/13/2007 21:16	8.23	46.61	29.98	9.27	7.96	6.1	0.97
35	12/13/2007 21:31	8.17	46.311	29.76	9.27	7.95	6.4	1.02
36	12/13/2007 21:46	8.24	46.436	29.86	9.24	7.95	6.1	1.09
37	12/13/2007 22:01	8.1	45.94	29.49	9.32	7.94	7.0	1.15
38	12/13/2007 22:16	8.15	46.104	29.61	9.28	7.94	6.6	1.22
39	12/13/2007 22:31	8.15	45.659	29.3	9.3	7.93	7.0	1.29
40	12/13/2007 22:46	8.24	45.651	29.3	9.26	7.94	6.8	1.36
41	12/13/2007 23:01	8.35	46.376	29.82	9.2	7.94	6.8	1.46
42	12/13/2007 23:16	8.32	45.978	29.54	9.2	7.94	7.3	1.55
43	12/13/2007 23:31	8.48	47.031	30.3	9.03	7.94	8.1	1.63
44	12/13/2007 23:46	8.65	47.247	30.47	8.97	7.94	8.1	1.72
45	12/14/2007 00:01	8.66	47.19	30.43	8.95	7.94	9.7	1.83
46	12/14/2007 00:16	8.72	47.389	30.57	8.91	7.94	10.0	1.91
47	12/14/2007 00:31	8.76	47.627	30.75	8.9	7.94	11.4	2.00

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
48	12/14/2007 00:46	8.79	47.875	30.93	8.87	7.94	12.3	2.09
49	12/14/2007 01:01	8.79	48.071	31.07	8.83	7.88	11.4	2.17
50	12/14/2007 01:16	8.8	48.212	31.17	8.79	7.88	13.3	2.24
51	12/14/2007 01:31	8.84	48.066	31.07	8.76	7.88	13.9	2.31
52	12/14/2007 01:46	8.82	48.267	31.21	8.76	7.94	13.7	2.38
53	12/14/2007 02:01	8.82	48.501	31.38	8.73	7.94	11.2	2.45
54	12/14/2007 02:16	8.82	48.537	31.4	8.72	7.94	11.3	2.51
55	12/14/2007 02:31	8.85	48.849	31.63	8.7	7.94	10.4	2.56
56	12/14/2007 02:46	8.87	49.282	31.94	8.69	7.94	9.0	2.60
57	12/14/2007 03:01	8.87	49.278	31.94	8.66	7.94	7.1	2.65
58	12/14/2007 03:16	8.89	49.621	32.19	8.65	7.88	5.3	2.68
59	12/14/2007 03:31	8.9	49.681	32.23	8.6	7.88	4.9	2.70
60	12/14/2007 03:46	8.87	49.024	31.76	8.63	7.93	7.2	2.72
61	12/14/2007 04:01	8.91	49.5	32.1	8.66	7.94	7.9	2.71
62	12/14/2007 04:16	8.89	49.659	32.21	8.67	7.94	8.7	2.69
63	12/14/2007 04:31	8.8	48.782	31.58	8.7	7.87	8.8	2.64
64	12/14/2007 04:46	8.59	48.331	31.24	8.73	7.86	10.3	2.60
65	12/14/2007 05:01	8.65	48.233	31.17	8.7	7.86	10.0	2.55
66	12/14/2007 05:16	8.63	48.113	31.08	8.68	7.86	12.3	2.47
67	12/14/2007 05:31	8.71	48.401	31.3	8.67	7.87	10.2	2.42
68	12/14/2007 05:46	8.68	48.096	31.08	8.67	7.86	10.0	2.36
69	12/14/2007 06:01	8.66	47.97	30.98	8.66	7.86	8.9	2.30
70	12/14/2007 06:16	8.58	47.85	30.89	8.68	7.86	7.9	2.25
71	12/14/2007 06:31	8.54	47.802	30.85	8.69	7.85	6.4	2.19
72	12/14/2007 06:46	8.52	47.567	30.68	8.7	7.85	7.9	2.15
73	12/14/2007 07:01	8.47	47.53	30.65	8.77	7.85	8.1	2.11
74	12/14/2007 07:16	8.38	47.397	30.55	8.8	7.85	6.9	2.08
75	12/14/2007 07:31	8.32	47.396	30.55	8.83	7.91	7.1	2.03
76	12/14/2007 07:46	8.28	47.026	30.28	8.86	7.84	5.2	2.00
77	12/14/2007 08:01	8.26	47.097	30.33	8.78	7.83	3.5	2.02
78	12/14/2007 08:16	8.33	47.322	30.49	8.59	7.84	4.8	2.01
79	12/14/2007 08:31	8.39	47.549	30.66	8.73	7.9	4.8	1.99
80	12/14/2007 08:46	8.33	47.754	30.8	8.68	7.9	4.5	2.01
81	12/14/2007 09:01	8.43	47.716	30.78	8.73	7.9	5.6	2.04
82	12/14/2007 09:16	8.47	47.64	30.73	8.77	7.9	6.2	2.09
83	12/14/2007 09:31	8.49	47.703	30.78	8.75	7.85	6.8	2.12
84	12/14/2007 09:46	8.45	47.383	30.55	8.82	7.85	5.6	2.17
85	12/14/2007 10:01	8.51	47.979	30.98	8.77	7.91	6.2	2.23
86	12/14/2007 10:16	8.62	48.148	31.11	8.75	7.91	7.6	2.29
87	12/14/2007 10:31	8.6	48.263	31.19	8.75	7.91	7.1	2.34
88	12/14/2007 10:46	8.69	48.607	31.44	8.72	7.91	6.2	2.38
89	12/14/2007 11:01	8.66	48.511	31.37	8.76	7.91	5.5	2.44
90	12/14/2007 11:16	8.73	48.851	31.62	8.71	7.91	5.7	2.49
91	12/14/2007 11:31	8.8	48.958	31.7	8.73	7.92	5.9	2.54
92	12/14/2007 11:46	8.89	48.848	31.63	8.75	7.86	5.1	2.59
93	12/14/2007 12:01	8.92	49.044	31.77	8.76	7.92	5.2	2.66
94	12/14/2007 12:16	8.94	48.98	31.73	8.77	7.92	4.9	2.71
95	12/14/2007 12:31	8.98	49.388	32.03	8.72	7.92	4.5	2.76

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
96	12/14/2007 12:46	8.93	49.569	32.15	8.63	7.92	4.2	2.81
97	12/14/2007 13:01	8.94	49.739	32.28	8.62	7.92	4.8	2.86
98	12/14/2007 13:16	8.94	49.758	32.29	8.57	7.92	3.1	2.89
99	12/14/2007 13:31	8.94	49.835	32.34	8.5	7.91	2.2	2.91
100	12/14/2007 13:46	8.93	49.904	32.39	8.48	7.91	2.6	2.93
101	12/14/2007 14:01	8.96	49.89	32.39	8.48	7.91	3.1	2.96
102	12/14/2007 14:16	8.94	49.979	32.45	8.52	7.91	4.7	2.97
103	12/14/2007 14:31	8.95	50.033	32.49	8.53	7.91	4.3	2.93
104	12/14/2007 14:46	8.96	49.761	32.29	8.59	7.91	5.6	2.89
105	12/14/2007 15:01	9.09	49.253	31.94	8.75	7.92	5.5	2.86
106	12/14/2007 15:16	9.12	49.214	31.91	8.85	7.93	4.8	2.80
107	12/14/2007 15:31	9.06	48.721	31.55	8.78	7.92	6.5	2.72
108	12/14/2007 15:46	9.09	48.656	31.51	8.93	7.87	6.7	2.66
109	12/14/2007 16:01	9.03	48.666	31.51	8.94	7.93	6.4	2.56
110	12/14/2007 16:16	9	48.442	31.35	9	7.94	5.6	2.47
111	12/14/2007 16:31	8.97	48.208	31.18	9.05	7.88	5.3	2.38
112	12/14/2007 16:46	8.95	48.14	31.13	9.12	7.88	5.6	2.29
113	12/14/2007 17:01	8.91	48.339	31.27	9.02	7.88	5.3	2.20
114	12/14/2007 17:16	8.88	48.185	31.15	9.03	7.93	9.5	2.10
115	12/14/2007 17:31	8.85	47.989	31.01	9.1	7.87	36.0	1.98
116	12/14/2007 17:46	8.79	47.867	30.92	9.12	7.87	11.5	1.88
117	12/14/2007 18:01	8.74	47.912	30.95	9.14	7.87	10.1	1.76
118	12/14/2007 18:16	8.66	47.567	30.7	9.21	7.87	11.1	1.64
119	12/14/2007 18:31	8.61	47.543	30.67	9.27	7.88	10.8	1.51
120	12/14/2007 18:46	8.55	46.915	30.22	9.34	7.88	9.3	1.39
121	12/14/2007 19:01	8.49	46.869	30.18	9.42	7.88	9.8	1.27
122	12/14/2007 19:16	8.45	46.782	30.12	9.44	7.88	10.6	1.18
123	12/14/2007 19:31	8.42	46.85	30.17	9.44	7.88	9.2	1.05
124	12/14/2007 19:46	8.37	46.605	29.99	9.53	7.89	7.8	0.97
125	12/14/2007 20:01	8.31	46.748	30.08	9.54	7.89	7.0	0.92
126	12/14/2007 20:16	8.27	46.666	30.02	9.52	7.89	5.3	0.85
127	12/14/2007 20:31	8.25	46.553	29.94	9.53	7.89	5.6	0.81
128	12/14/2007 20:46	8.22	46.638	30	9.5	7.88	3.9	0.82
129	12/14/2007 21:01	8.22	46.578	29.96	9.44	7.89	4.3	0.85
130	12/14/2007 21:16	8.26	46.722	30.06	9.5	7.89	5.3	0.86
131	12/14/2007 21:31	8.32	46.664	30.03	9.48	7.89	5.2	0.90
132	12/14/2007 21:46	8.33	46.813	30.13	9.47	7.89	5.0	0.97
133	12/14/2007 22:01	8.34	46.889	30.19	9.46	7.89	5.2	1.03
134	12/14/2007 22:16	8.31	46.613	29.99	9.46	7.88	5.5	1.09
135	12/14/2007 22:31	8.33	46.381	29.82	9.47	7.88	5.4	1.14
136	12/14/2007 22:46	8.21	45.735	29.36	9.5	7.87	5.9	1.22
137	12/14/2007 23:01	8.27	46.212	29.7	9.46	7.87	6.1	1.29
138	12/14/2007 23:16	8.34	46.304	29.77	9.43	7.87	5.6	1.35
139	12/14/2007 23:31	8.29	45.923	29.5	9.45	7.86	6.2	1.43
140	12/14/2007 23:46	8.44	46.596	29.99	9.37	7.86	6.2	1.52
141	12/15/2007 00:01	8.5	46.634	30.02	9.32	7.87	6.5	1.61
142	12/15/2007 00:16	8.63	47.26	30.47	9.17	7.86	14.7	1.68
143	12/15/2007 00:31	8.59	47.146	30.39	9.17	7.86	8.6	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
144	12/15/2007 00:46	8.6	47.362	30.54	9.15	7.86	9.0	1.88
145	12/15/2007 01:01	8.71	47.704	30.8	9.06	7.86	14.9	1.96
146	12/15/2007 01:16	8.74	47.896	30.94	9.05	7.86	9.9	2.06
147	12/15/2007 01:31	8.77	48.032	31.04	9.02	7.86	11.3	2.12
148	12/15/2007 01:46	8.8	47.932	30.97	9	7.86	10.3	2.21
149	12/15/2007 02:01	8.79	48.213	31.17	8.97	7.86	12.2	2.28
150	12/15/2007 02:16	8.83	48.443	31.34	8.93	7.86	13.9	2.35
151	12/15/2007 02:31	8.83	48.565	31.42	8.93	7.86	12.2	2.43
152	12/15/2007 02:46	8.84	48.647	31.48	8.92	7.86	11.1	2.50
153	12/15/2007 03:01	8.86	48.578	31.43	8.9	7.86	9.4	2.55
154	12/15/2007 03:16	8.89	49.172	31.86	8.86	7.86	9.0	2.62
155	12/15/2007 03:31	8.9	49.441	32.06	8.85	7.86	12.6	2.68
156	12/15/2007 03:46	8.91	49.424	32.05	8.81	7.86	6.6	2.70
157	12/15/2007 04:01	8.92	49.533	32.13	8.77	7.86	4.6	2.74
158	12/15/2007 04:16	8.92	49.693	32.24	8.69	7.85	3.4	2.76
159	12/15/2007 04:31	8.91	49.547	32.14	8.77	7.85	6.9	2.77
160	12/15/2007 04:46	8.93	49.8	32.32	8.78	7.86	7.5	2.75
161	12/15/2007 05:01	8.89	49.388	32.02	8.8	7.86	5.9	2.71
162	12/15/2007 05:16	8.87	49.199	31.88	8.73	7.85	7.4	2.67
163	12/15/2007 05:31	8.73	48.381	31.28	8.75	7.84	6.1	2.63
164	12/15/2007 05:46	8.83	48.694	31.52	8.78	7.85	7.5	2.57
165	12/15/2007 06:01	8.82	48.636	31.47	8.78	7.85	7.5	2.50
166	12/15/2007 06:16	8.76	48.468	31.35	8.78	7.85	7.4	2.43
167	12/15/2007 06:31	8.76	48.302	31.23	8.79	7.85	9.2	2.37
168	12/15/2007 06:46	8.73	48.16	31.12	8.81	7.85	7.6	2.32
169	12/15/2007 07:01	8.7	48.118	31.09	8.82	7.85	6.9	2.25
170	12/15/2007 07:16	8.66	48.06	31.05	8.78	7.84	7.8	2.19
171	12/15/2007 07:31	8.66	48.071	31.06	8.81	7.84	5.4	2.13
172	12/15/2007 07:46	8.64	47.922	30.95	8.91	7.85	5.9	2.10
173	12/15/2007 08:01	8.61	47.544	30.67	8.94	7.85	5.9	2.05
174	12/15/2007 08:16	8.58	47.601	30.71	8.93	7.85	5.1	2.00
175	12/15/2007 08:31	8.56	47.364	30.54	8.9	7.84	4.5	1.98
176	12/15/2007 08:46	8.54	47.491	30.63	8.87	7.84	4.6	1.96
177	12/15/2007 09:01	8.55	47.535	30.66	8.85	7.84	1.8	1.95
178	12/15/2007 09:16	8.55	47.544	30.67	8.69	7.83	2.0	1.95
179	12/15/2007 09:31	8.57	47.49	30.63	8.72	7.83	2.7	1.94
180	12/15/2007 09:46	8.57	47.565	30.69	8.83	7.84	3.4	1.96
181	12/15/2007 10:01	8.62	47.667	30.76	8.88	7.85	4.5	1.97
182	12/15/2007 10:16	8.64	47.566	30.69	8.89	7.85	4.6	1.98
183	12/15/2007 10:31	8.63	47.771	30.84	8.85	7.85	4.8	2.04
184	12/15/2007 10:46	8.67	47.88	30.92	8.88	7.85	5.8	2.09
185	12/15/2007 11:01	8.67	47.866	30.91	8.89	7.85	4.6	2.13
186	12/15/2007 11:16	8.69	47.949	30.97	8.87	7.85	5.2	2.17
187	12/15/2007 11:31	8.72	47.995	31.01	8.85	7.85	5.7	2.23
188	12/15/2007 11:46	8.74	48.179	31.14	8.84	7.85	5.6	2.27
189	12/15/2007 12:01	8.79	48.42	31.32	8.81	7.85	4.8	2.32
190	12/15/2007 12:16	8.83	48.141	31.12	8.85	7.85	5.3	2.38
191	12/15/2007 12:31	8.85	48.722	31.54	8.79	7.85	5.0	2.42

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
192	12/15/2007 12:46	8.9	48.617	31.47	8.82	7.86	5.0	2.47
193	12/15/2007 13:01	8.95	48.864	31.65	8.81	7.86	4.2	2.50
194	12/15/2007 13:16	9.06	48.947	31.71	8.81	7.86	4.2	2.55
195	12/15/2007 13:31	9.1	48.921	31.7	8.83	7.86	4.2	2.60
196	12/15/2007 13:46	9.13	49.053	31.8	8.85	7.86	3.9	2.64
197	12/15/2007 14:01	9.16	49.168	31.88	8.82	7.86	3.5	2.68
198	12/15/2007 14:16	9.16	49.379	32.03	8.76	7.86	3.0	2.72
199	12/15/2007 14:31	9.16	49.5	32.12	8.69	7.86	3.0	2.74
200	12/15/2007 14:46	9.13	49.389	32.04	8.61	7.85	2.6	2.75
201	12/15/2007 15:01	9.12	49.554	32.16	8.44	7.85	1.4	2.77
202	12/15/2007 15:16	9.05	49.447	32.07	8.46	7.84	2.1	2.77
203	12/15/2007 15:31	9	49.514	32.12	8.58	7.85	4.4	2.75
204	12/15/2007 15:46	8.99	49.606	32.18	8.62	7.85	4.7	2.72
205	12/15/2007 16:01	9.02	49.416	32.05	8.64	7.85	4.5	2.68
206	12/15/2007 16:16	9.11	49.109	31.84	8.76	7.86	3.9	2.62
207	12/15/2007 16:31	9.09	48.891	31.68	8.82	7.86	4.6	2.56
208	12/15/2007 16:46	9.16	48.798	31.62	8.95	7.88	5.5	2.49
209	12/15/2007 17:01	9.12	48.551	31.43	9.02	7.88	5.5	2.41
210	12/15/2007 17:16	9.08	48.364	31.3	9.06	7.88	5.7	2.32
211	12/15/2007 17:31	9.04	48.231	31.2	9.11	7.89	6.4	2.22
212	12/15/2007 17:46	9	48.037	31.06	9.16	7.89	5.6	2.14
213	12/15/2007 18:01	8.99	48.12	31.12	9.1	7.88	6.4	2.05
214	12/15/2007 18:16	8.93	47.898	30.95	9.13	7.88	9.5	1.94
215	12/15/2007 18:31	8.89	47.865	30.93	9.16	7.88	9.8	1.84
216	12/15/2007 18:46	8.83	47.702	30.8	9.2	7.89	8.6	1.73
217	12/15/2007 19:01	8.79	47.44	30.61	9.25	7.89	9.2	1.63
218	12/15/2007 19:16	8.75	47.359	30.55	9.33	7.9	8.9	1.50
219	12/15/2007 19:31	8.71	47.262	30.48	9.42	7.91	8.1	1.41
220	12/15/2007 19:46	8.67	47.154	30.4	9.52	7.91	7.3	1.33
221	12/15/2007 20:01	8.6	46.986	30.28	9.6	7.92	6.6	1.24
222	12/15/2007 20:16	8.57	47.054	30.32	9.62	7.92	6.0	1.13
223	12/15/2007 20:31	8.56	46.934	30.24	9.65	7.92	5.7	1.07
224	12/15/2007 20:46	8.52	46.673	30.05	9.69	7.93	5.5	1.02
225	12/15/2007 21:01	8.52	46.871	30.19	9.62	7.92	4.3	0.98
226	12/15/2007 21:16	8.51	46.914	30.22	9.62	7.92	3.5	0.95
227	12/15/2007 21:31	8.48	46.863	30.18	9.43	7.91	2.2	0.96
228	12/15/2007 21:46	8.5	46.881	30.19	9.59	7.92	3.5	0.99
229	12/15/2007 22:01	8.56	46.654	30.04	9.59	7.92	4.4	1.02
230	12/15/2007 22:16	8.56	46.831	30.16	9.58	7.92	4.2	1.05
231	12/15/2007 22:31	8.57	46.825	30.16	9.57	7.92	4.6	1.11
232	12/15/2007 22:46	8.55	46.929	30.23	9.53	7.92	3.7	1.14
233	12/15/2007 23:01	8.56	46.829	30.16	9.51	7.91	7.5	1.21
234	12/15/2007 23:16	8.59	47.016	30.3	9.47	7.91	5.0	1.26
235	12/15/2007 23:31	8.42	46.446	29.88	9.49	7.89	6.5	1.29
236	12/15/2007 23:46	8.48	46.36	29.82	9.48	7.89	7.1	1.41
237	12/16/2007 00:01	8.65	46.862	30.19	9.45	7.9	6.3	1.47
238	12/16/2007 00:16	8.66	46.933	30.24	9.39	7.9	5.8	1.52
239	12/16/2007 00:31	8.74	47.255	30.48	9.3	7.89	6.9	1.61

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
240	12/16/2007 00:46	8.78	47.482	30.64	9.21	7.89	6.6	1.70
241	12/16/2007 01:01	8.8	47.482	30.65	9.15	7.88	7.3	1.79
242	12/16/2007 01:16	8.79	47.791	30.87	9.13	7.88	9.7	1.88
243	12/16/2007 01:31	8.85	47.94	30.98	9.08	7.88	12.0	1.97
244	12/16/2007 01:46	8.88	48.095	31.09	9.07	7.88	11.5	2.06
245	12/16/2007 02:01	8.92	48.388	31.3	9.02	7.88	10.5	2.15
246	12/16/2007 02:16	8.9	48.304	31.24	9	7.88	11.5	2.22
247	12/16/2007 02:31	8.85	48.378	31.29	8.99	7.87	14.3	2.29
248	12/16/2007 02:46	8.86	48.731	31.54	8.94	7.87	15.1	2.38
249	12/16/2007 03:01	8.85	48.748	31.56	8.91	7.87	12.7	2.45
250	12/16/2007 03:16	8.84	48.964	31.71	8.87	7.87	11.2	2.51
251	12/16/2007 03:31	8.85	49.309	31.96	8.82	7.87	10.7	2.58
252	12/16/2007 03:46	8.89	49.392	32.02	8.85	7.87	10.9	2.64
253	12/16/2007 04:01	8.9	49.363	32	8.93	7.87	7.9	2.69
254	12/16/2007 04:16	8.92	49.976	32.44	8.92	7.87	7.6	2.76
255	12/16/2007 04:31	8.93	50.045	32.5	8.96	7.86	10.0	2.81
256	12/16/2007 04:46	8.93	50.047	32.5	8.94	7.86	7.0	2.85
257	12/16/2007 05:01	8.92	50.066	32.51	8.9	7.86	6.1	2.84
258	12/16/2007 05:16	8.92	50.148	32.57	8.97	7.86	6.7	2.84
259	12/16/2007 05:31	8.92	50.25	32.64	9.03	7.86	7.8	2.83
260	12/16/2007 05:46	8.87	49.875	32.37	8.95	7.86	7.5	2.80
261	12/16/2007 06:01	8.82	49.888	32.37	8.89	7.86	6.5	2.76
262	12/16/2007 06:16	8.64	48.921	31.66	8.83	7.86	5.7	2.71
263	12/16/2007 06:31	8.76	49.261	31.92	8.82	7.86	6.4	2.64
264	12/16/2007 06:46	8.73	48.8	31.58	8.81	7.86	11.7	2.57
265	12/16/2007 07:01	8.75	48.967	31.71	8.82	7.86	8.9	2.47
266	12/16/2007 07:16	8.73	48.945	31.69	8.76	7.86	7.6	2.42
267	12/16/2007 07:31	8.66	48.507	31.37	8.79	7.86	6.0	2.37
268	12/16/2007 07:46	8.64	48.536	31.39	8.79	7.86	5.9	2.28
269	12/16/2007 08:01	8.63	48.557	31.4	8.85	7.86	6.2	2.21
270	12/16/2007 08:16	8.6	48.275	31.2	8.88	7.86	6.2	2.15
271	12/16/2007 08:31	8.62	48.031	31.02	8.97	7.87	6.4	2.10
272	12/16/2007 08:46	8.59	48.197	31.14	8.96	7.87	6.0	2.04
273	12/16/2007 09:01	8.55	48.018	31.01	8.97	7.87	4.6	2.00
274	12/16/2007 09:16	8.53	47.793	30.85	9	7.87	4.4	1.95
275	12/16/2007 09:31	8.5	47.791	30.84	8.99	7.87	3.7	1.93
276	12/16/2007 09:46	8.47	47.576	30.69	8.99	7.87	5.0	1.88
277	12/16/2007 10:01	8.41	47.633	30.72	9.01	7.87	2.8	1.86
278	12/16/2007 10:16	8.39	47.482	30.61	8.95	7.86	2.3	1.83
279	12/16/2007 10:31	8.41	47.646	30.73	8.88	7.86	2.4	1.84
280	12/16/2007 10:46	8.44	47.679	30.76	8.98	7.87	3.4	1.84
281	12/16/2007 11:01	8.46	47.703	30.78	9.01	7.87	3.2	1.83
282	12/16/2007 11:16	8.51	47.893	30.92	9	7.87	4.8	1.86
283	12/16/2007 11:31	8.53	47.867	30.9	9.02	7.87	4.9	1.89
284	12/16/2007 11:46	8.55	48.074	31.05	9.03	7.88	6.8	1.92
285	12/16/2007 12:01	8.41	47.832	30.87	9.05	7.87	6.8	1.95
286	12/16/2007 12:16	8.44	47.786	30.83	9.02	7.87	6.8	2.01
287	12/16/2007 12:31	8.51	48.101	31.07	8.99	7.87	6.8	2.06

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
288	12/16/2007 12:46	8.57	48.204	31.14	8.96	7.87	5.6	2.09
289	12/16/2007 13:01	8.61	48.497	31.36	8.94	7.87	5.6	2.15
290	12/16/2007 13:16	8.66	48.733	31.53	8.92	7.87	5.6	2.18
291	12/16/2007 13:31	8.71	48.703	31.51	8.94	7.87	5.1	2.23
292	12/16/2007 13:46	8.75	49.044	31.76	8.94	7.87	5.2	2.28
293	12/16/2007 14:01	8.77	49.059	31.77	8.97	7.87	5.1	2.32
294	12/16/2007 14:16	8.78	49.221	31.89	8.95	7.87	5.1	2.38
295	12/16/2007 14:31	8.79	49.219	31.89	8.96	7.87	5.3	2.44
296	12/16/2007 14:46	8.79	49.578	32.15	8.94	7.87	5.4	2.47
297	12/16/2007 15:01	8.8	49.688	32.23	8.93	7.87	4.4	2.52
298	12/16/2007 15:16	8.8	49.673	32.22	8.93	7.87	5.0	2.56
299	12/16/2007 15:31	8.79	49.84	32.34	8.92	7.87	3.8	2.60
300	12/16/2007 15:46	8.79	49.699	32.24	8.87	7.86	2.9	2.64
301	12/16/2007 16:01	8.79	49.859	32.35	8.8	7.86	2.8	2.64
302	12/16/2007 16:16	8.79	49.904	32.38	8.93	7.86	5.3	2.65
303	12/16/2007 16:31	8.79	49.999	32.45	8.9	7.86	4.6	2.67
304	12/16/2007 16:46	8.79	50.013	32.46	8.77	7.86	7.8	2.63
305	12/16/2007 17:01	8.78	49.86	32.35	8.87	7.86	4.9	2.59
306	12/16/2007 17:16	8.67	49.246	31.9	9	7.88	7.5	2.54
307	12/16/2007 17:31	8.66	49.224	31.88	8.98	7.87	5.2	2.47
308	12/16/2007 17:46	8.68	49.099	31.79	8.95	7.87	5.3	2.39
309	12/16/2007 18:01	8.7	49.316	31.95	8.9	7.87	5.0	2.33
310	12/16/2007 18:16	8.67	48.952	31.69	8.93	7.87	5.0	2.26
311	12/16/2007 18:31	8.63	48.998	31.72	8.9	7.87	5.8	2.17
312	12/16/2007 18:46	8.64	48.874	31.63	8.9	7.87	7.1	2.11
313	12/16/2007 19:01	8.62	48.726	31.52	8.89	7.87	11.2	2.03
314	12/16/2007 19:16	8.59	48.331	31.24	8.88	7.87	10.3	1.94
315	12/16/2007 19:31	8.5	48.144	31.1	8.95	7.87	11.1	1.85
316	12/16/2007 19:46	8.45	47.994	30.98	8.99	7.88	13.1	1.75
317	12/16/2007 20:01	8.4	47.829	30.86	9	7.87	12.9	1.67
318	12/16/2007 20:16	8.35	47.58	30.68	9.01	7.87	13.4	1.59
319	12/16/2007 20:31	8.32	47.4	30.55	9.03	7.9	13.7	1.50
320	12/16/2007 20:46	8.28	47.497	30.62	9.04	7.9	13.3	1.42
321	12/16/2007 21:01	8.24	47.184	30.39	9.06	7.9	13.5	1.37
322	12/16/2007 21:16	8.21	47.247	30.43	9.05	7.9	13.8	1.29
323	12/16/2007 21:31	8.2	47.188	30.39	9.07	7.9	13.4	1.26
324	12/16/2007 21:46	8.19	47.046	30.29	9.05	7.89	14.2	1.19
325	12/16/2007 22:01	8.17	46.914	30.19	9.02	7.9	11.2	1.17
326	12/16/2007 22:16	8.19	46.942	30.21	8.89	7.89	10.9	1.18
327	12/16/2007 22:31	8.18	47.144	30.36	8.98	7.89	9.2	1.18
328	12/16/2007 22:46	8.19	46.975	30.24	9.03	7.89	12.2	1.19
329	12/16/2007 23:01	8.28	47.458	30.59	8.98	7.89	9.6	1.24
330	12/16/2007 23:16	8.28	47.469	30.6	9.02	7.9	11.0	1.27
331	12/16/2007 23:31	8.29	47.504	30.62	9.02	7.9	11.4	1.34
332	12/16/2007 23:46	8.3	47.504	30.62	9.03	7.9	9.9	1.37
333	12/17/2007 00:01	8.28	47.229	30.42	9.04	7.9	10.5	1.46
334	12/17/2007 00:16	8.39	47.72	30.78	8.98	7.9	9.8	1.51
335	12/17/2007 00:31	8.44	47.741	30.8	8.95	7.9	9.9	1.59

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
336	12/17/2007 00:46	8.43	47.757	30.81	8.95	7.89	8.2	1.64
337	12/17/2007 01:01	8.43	47.921	30.93	8.93	7.89	8.7	1.73
338	12/17/2007 01:16	8.39	47.497	30.62	8.98	7.89	8.0	1.81
339	12/17/2007 01:31	8.49	48.163	31.11	8.93	7.88	9.8	1.88
340	12/17/2007 01:46	8.48	48.068	31.04	8.95	7.88	9.2	1.94
341	12/17/2007 02:01	8.5	47.858	30.89	8.97	7.88	9.7	2.04
342	12/17/2007 02:16	8.51	48.281	31.2	8.95	7.88	10.9	2.12
343	12/17/2007 02:31	8.56	48.467	31.33	8.93	7.88	10.9	2.19
344	12/17/2007 02:46	8.59	48.632	31.45	8.91	7.88	10.4	2.26
345	12/17/2007 03:01	8.6	48.714	31.51	8.91	7.88	12.5	2.35
346	12/17/2007 03:16	8.61	48.962	31.69	8.89	7.87	12.4	2.42
347	12/17/2007 03:31	8.62	49.114	31.8	8.89	7.87	12.0	2.50
348	12/17/2007 03:46	8.63	49.329	31.96	8.9	7.87	11.2	2.58
349	12/17/2007 04:01	8.65	49.477	32.06	8.89	7.87	11.2	2.67
350	12/17/2007 04:16	8.66	49.748	32.26	8.92	7.87	10.1	2.75
351	12/17/2007 04:31	8.66	50.002	32.44	8.94	7.87	9.7	2.81
352	12/17/2007 04:46	8.66	50.094	32.51	8.91	7.87	10.3	2.86
353	12/17/2007 05:01	8.66	50.244	32.62	8.91	7.87	13.4	2.93
354	12/17/2007 05:16	8.65	50.237	32.61	8.9	7.87	5.6	2.97
355	12/17/2007 05:31	8.64	50.215	32.59	8.84	7.86	4.8	2.99
356	12/17/2007 05:46	8.63	49.923	32.38	8.86	7.87	7.3	3.00
357	12/17/2007 06:01	8.64	50.269	32.63	8.86	7.86	12.5	3.00
358	12/17/2007 06:16	8.64	50.385	32.72	8.88	7.86	9.3	2.97
359	12/17/2007 06:31	8.61	50.08	32.49	8.83	7.86	7.6	2.93
360	12/17/2007 06:46	8.57	49.49	32.07	8.8	7.86	8.4	2.89
361	12/17/2007 07:01	8.5	49.081	31.77	8.78	7.86	8.6	2.81
362	12/17/2007 07:16	8.55	49.074	31.77	8.76	7.87	10.8	2.74
363	12/17/2007 07:31	8.54	49.186	31.85	8.76	7.87	9.9	2.66
364	12/17/2007 07:46	8.54	48.797	31.57	8.73	7.86	7.9	2.57
365	12/17/2007 08:01	8.53	48.943	31.67	8.69	7.86	8.5	2.51
366	12/17/2007 08:16	8.5	48.942	31.67	8.68	7.86	6.8	2.44
367	12/17/2007 08:31	8.52	48.976	31.69	8.7	7.87	7.3	2.34
368	12/17/2007 08:46	8.52	48.776	31.55	8.72	7.87	6.4	2.27
369	12/17/2007 09:01	8.5	48.86	31.61	8.76	7.87	7.3	2.22
370	12/17/2007 09:16	8.48	48.74	31.52	8.78	7.89	7.4	2.13
371	12/17/2007 09:31	8.45	48.567	31.39	8.78	7.89	7.3	2.05
372	12/17/2007 09:46	8.4	48.098	31.05	8.81	7.89	7.1	1.98
373	12/17/2007 10:01	8.36	48.039	31.01	8.78	7.89	6.6	1.95
374	12/17/2007 10:16	8.31	47.819	30.85	8.78	7.89	6.7	1.86
375	12/17/2007 10:31	8.31	47.775	30.82	8.81	7.89	6.7	1.81
376	12/17/2007 10:46	8.29	47.799	30.83	8.8	7.89	5.6	1.77
377	12/17/2007 11:01	8.3	47.809	30.84	8.82	7.9	6.2	1.72
378	12/17/2007 11:16	8.28	47.642	30.72	8.8	7.89	5.6	1.68
379	12/17/2007 11:31	8.25	47.425	30.56	8.75	7.89	4.5	1.66
380	12/17/2007 11:46	8.28	47.382	30.53	8.65	7.88	3.9	1.63
381	12/17/2007 12:01	8.33	47.862	30.88	8.69	7.89	5.6	1.67
382	12/17/2007 12:16	8.33	47.703	30.77	8.73	7.89	5.4	1.64
383	12/17/2007 12:31	8.35	47.782	30.82	8.7	7.89	4.9	1.65

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
384	12/17/2007 12:46	8.36	47.982	30.97	8.68	7.89	6.5	1.71
385	12/17/2007 13:01	8.38	47.908	30.92	8.7	7.89	5.5	1.72
386	12/17/2007 13:16	8.35	47.703	30.77	8.76	7.89	6.2	1.81
387	12/17/2007 13:31	8.34	47.769	30.81	8.7	7.89	6.1	1.87
388	12/17/2007 13:46	8.33	47.767	30.81	8.67	7.89	5.9	1.91
389	12/17/2007 14:01	8.38	48.099	31.05	8.63	7.89	5.7	1.96
390	12/17/2007 14:16	8.4	48.038	31.01	8.63	7.89	5.8	2.01
391	12/17/2007 14:31	8.43	48.32	31.22	8.59	7.89	5.7	2.05
392	12/17/2007 14:46	8.47	48.574	31.4	8.56	7.89	4.8	2.09
393	12/17/2007 15:01	8.5	48.607	31.43	8.59	7.89	5.5	2.15
394	12/17/2007 15:16	8.53	48.567	31.4	8.6	7.89	5.0	2.19
395	12/17/2007 15:31	8.55	48.498	31.35	8.61	7.89	4.7	2.23
396	12/17/2007 15:46	8.56	48.534	31.38	8.61	7.9	4.6	2.28
397	12/17/2007 16:01	8.57	48.777	31.55	8.61	7.9	5.0	2.32
398	12/17/2007 16:16	8.56	48.759	31.54	8.57	7.89	4.4	2.34
399	12/17/2007 16:31	8.57	48.964	31.69	8.54	7.89	4.2	2.38
400	12/17/2007 16:46	8.57	49.17	31.84	8.53	7.89	5.8	2.42
401	12/17/2007 17:01	8.57	49.038	31.74	8.51	7.89	3.7	2.46
402	12/17/2007 17:16	8.58	49.195	31.86	8.43	7.88	2.3	2.45
403	12/17/2007 17:31	8.58	49.026	31.73	8.36	7.88	2.2	2.49
404	12/17/2007 17:46	8.59	49.288	31.92	8.5	7.87	4.0	2.49
405	12/17/2007 18:01	8.57	48.751	31.54	8.51	7.89	3.6	2.49
406	12/17/2007 18:16	8.58	48.519	31.37	8.52	7.89	5.0	2.44
407	12/17/2007 18:31	8.57	48.729	31.52	8.51	7.89	3.5	2.41
408	12/17/2007 18:46	8.55	48.649	31.46	8.53	7.89	5.1	2.36
409	12/17/2007 19:01	8.51	48.602	31.42	8.54	7.89	6.2	2.28
410	12/17/2007 19:16	8.51	48.602	31.42	8.51	7.89	4.8	2.26
411	12/17/2007 19:31	8.48	48.63	31.44	8.53	7.89	5.3	2.19
412	12/17/2007 19:46	8.47	48.353	31.24	8.56	7.89	7.2	2.13
413	12/17/2007 20:01	8.47	48.424	31.29	8.56	7.9	7.7	2.03
414	12/17/2007 20:16	8.49	48.288	31.2	8.6	7.9	10.3	1.96
415	12/17/2007 20:31	8.48	48.242	31.16	8.61	7.9	11.1	1.91
416	12/17/2007 20:46	8.47	48.157	31.1	8.63	7.91	14.3	1.82
417	12/17/2007 21:01	8.44	48.085	31.05	8.61	7.9	13.2	1.76
418	12/17/2007 21:16	8.4	47.966	30.96	8.63	7.9	15.0	1.67
419	12/17/2007 21:31	8.37	47.751	30.8	8.64	7.9	16.7	1.60
420	12/17/2007 21:46	8.36	47.868	30.89	8.65	7.9	18.1	1.54
421	12/17/2007 22:01	8.35	47.77	30.82	8.66	7.91	15.9	1.45
422	12/17/2007 22:16	8.34	47.741	30.79	8.65	7.91	14.5	1.43
423	12/17/2007 22:31	8.34	47.68	30.75	8.54	7.9	6.7	1.40
424	12/17/2007 22:46	8.34	47.743	30.8	8.42	7.89	9.2	1.37
425	12/17/2007 23:01	8.34	47.705	30.77	8.59	7.91	12.1	1.37
426	12/17/2007 23:16	8.35	47.742	30.8	8.6	7.91	12.8	1.40
427	12/17/2007 23:31	8.37	47.767	30.82	8.59	7.9	11.5	1.41
428	12/17/2007 23:46	8.37	47.819	30.85	8.57	7.9	11.7	1.40
429	12/18/2007 00:01	8.4	47.92	30.93	8.56	7.9	11.2	1.45
430	12/18/2007 00:16	8.37	47.67	30.75	8.58	7.9	11.7	1.51
431	12/18/2007 00:31	8.36	47.615	30.71	8.56	7.89	10.1	1.55

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
432	12/18/2007 00:46	8.37	47.62	30.71	8.55	7.89	9.8	1.62
433	12/18/2007 01:01	8.41	47.962	30.96	8.54	7.9	10.4	1.67
434	12/18/2007 01:16	8.44	47.976	30.97	8.53	7.9	10.3	1.73
435	12/18/2007 01:31	8.46	48.185	31.12	8.52	7.9	10.9	1.79
436	12/18/2007 01:46	8.48	48.277	31.19	8.5	7.9	9.7	1.85
437	12/18/2007 02:01	8.48	48.5	31.35	8.52	7.9	11.4	1.95
438	12/18/2007 02:16	8.48	48.389	31.27	8.52	7.9	11.7	2.01
439	12/18/2007 02:31	8.48	48.378	31.26	8.5	7.9	11.5	2.10
440	12/18/2007 02:46	8.49	48.526	31.37	8.48	7.9	12.0	2.17
441	12/18/2007 03:01	8.51	48.589	31.42	8.47	7.9	13.4	2.24
442	12/18/2007 03:16	8.54	48.935	31.67	8.45	7.9	15.3	2.33
443	12/18/2007 03:31	8.56	49.097	31.78	8.45	7.9	17.5	2.42
444	12/18/2007 03:46	8.58	49.278	31.92	8.46	7.9	20.2	2.49
445	12/18/2007 04:01	8.6	49.462	32.05	8.46	7.9	16.5	2.58
446	12/18/2007 04:16	8.62	49.771	32.27	8.47	7.9	16.1	2.68
447	12/18/2007 04:31	8.63	49.96	32.41	8.47	7.9	16.2	2.78
448	12/18/2007 04:46	8.67	50.37	32.71	8.5	7.9	15.0	2.85
449	12/18/2007 05:01	8.71	49.951	32.41	8.52	7.9	11.9	2.93
450	12/18/2007 05:16	8.75	50.011	32.46	8.52	7.88	11.0	3.02
451	12/18/2007 05:31	8.82	50.692	32.95	8.48	7.88	10.8	3.06
452	12/18/2007 05:46	8.83	50.676	32.94	8.43	7.87	7.0	3.12
453	12/18/2007 06:01	8.85	50.804	33.04	8.41	7.87	5.6	3.16
454	12/18/2007 06:16	8.86	50.774	33.02	8.36	7.87	6.0	3.21
455	12/18/2007 06:31	8.81	50.041	32.48	8.41	7.87	10.6	3.17
456	12/18/2007 06:46	8.88	50.761	33.01	8.39	7.87	8.9	3.19
457	12/18/2007 07:01	8.87	50.84	33.06	8.31	7.87	10.7	3.18
458	12/18/2007 07:16	8.8	50.44	32.77	8.35	7.87	12.8	3.12
459	12/18/2007 07:31	8.7	49.553	32.12	8.41	7.9	12.6	3.07
460	12/18/2007 07:46	8.67	49.196	31.86	8.42	7.9	9.5	3.03
461	12/18/2007 08:01	8.7	49.482	32.07	8.4	7.9	9.3	2.93
462	12/18/2007 08:16	8.69	49.923	32.39	8.41	7.9	13.7	2.86
463	12/18/2007 08:31	8.66	49.647	32.19	8.38	7.9	10.5	2.78
464	12/18/2007 08:46	8.66	49.379	31.99	8.38	7.89	9.1	2.66
465	12/18/2007 09:01	8.65	49.389	32	8.33	7.89	8.6	2.60
466	12/18/2007 09:16	8.65	49.232	31.89	8.37	7.89	11.2	2.51
467	12/18/2007 09:31	8.64	48.946	31.68	8.42	7.9	11.1	2.39
468	12/18/2007 09:46	8.63	48.657	31.47	8.45	7.9	11.8	2.32
469	12/18/2007 10:01	8.64	48.358	31.26	8.46	7.9	10.6	2.25
470	12/18/2007 10:16	8.69	48.641	31.47	8.49	7.91	9.3	2.13
471	12/18/2007 10:31	8.72	48.593	31.43	8.5	7.91	9.5	2.05
472	12/18/2007 10:46	8.72	48.341	31.25	8.51	7.91	9.8	1.98
473	12/18/2007 11:01	8.75	48.205	31.16	8.51	7.91	9.5	1.88
474	12/18/2007 11:16	8.75	48.092	31.08	8.51	7.91	10.9	1.80
475	12/18/2007 11:31	8.79	47.832	30.9	8.54	7.92	10.3	1.71
476	12/18/2007 11:46	8.81	47.772	30.85	8.54	7.92	10.9	1.64
477	12/18/2007 12:01	8.86	47.96	30.99	8.58	7.93	10.4	1.59
478	12/18/2007 12:16	8.81	47.743	30.83	8.47	7.92	10.1	1.52
479	12/18/2007 12:31	8.81	47.531	30.68	8.45	7.92	8.8	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
480	12/18/2007 12:46	8.83	47.734	30.83	8.39	7.91	8.2	1.45
481	12/18/2007 13:01	8.87	47.603	30.74	8.36	7.91	8.5	1.43
482	12/18/2007 13:16	8.84	47.646	30.77	8.29	7.9	7.6	1.46
483	12/18/2007 13:31	8.84	47.693	30.8	8.36	7.91	12.6	1.47
484	12/18/2007 13:46	8.85	47.622	30.75	8.36	7.91	14.2	1.51
485	12/18/2007 14:01	8.82	47.746	30.84	8.35	7.9	12.4	1.56
486	12/18/2007 14:16	8.87	47.154	30.42	8.39	7.9	12.8	1.59
487	12/18/2007 14:31	8.85	46.846	30.19	8.4	7.9	10.9	1.66
488	12/18/2007 14:46	8.87	46.632	30.04	8.38	7.89	9.8	1.70
489	12/18/2007 15:01	8.78	47.469	30.64	8.34	7.9	9.5	1.77
490	12/18/2007 15:16	8.81	47.302	30.52	8.34	7.9	9.5	1.84
491	12/18/2007 15:31	8.78	47.675	30.78	8.32	7.9	8.7	1.89
492	12/18/2007 15:46	8.75	47.889	30.93	8.29	7.9	9.2	1.96
493	12/18/2007 16:01	8.75	47.823	30.89	8.27	7.89	8.2	2.01
494	12/18/2007 16:16	8.74	47.946	30.97	8.26	7.89	8.2	2.07
495	12/18/2007 16:31	8.76	48.06	31.06	8.27	7.9	8.3	2.12
496	12/18/2007 16:46	8.75	48.233	31.18	8.27	7.9	7.9	2.16
497	12/18/2007 17:01	8.74	48.32	31.24	8.25	7.9	7.6	2.21
498	12/18/2007 17:16	8.73	48.399	31.3	8.23	7.9	8.4	2.25
499	12/18/2007 17:31	8.71	48.411	31.3	8.23	7.9	6.8	2.30
500	12/18/2007 17:46	8.7	48.527	31.39	8.22	7.9	10.4	2.34
501	12/18/2007 18:01	8.7	48.329	31.24	8.22	7.89	6.5	2.37
502	12/18/2007 18:16	8.71	48.387	31.29	8.2	7.9	7.3	2.42
503	12/18/2007 18:31	8.73	48.413	31.31	8.18	7.9	5.7	2.43
504	12/18/2007 18:46	8.73	48.342	31.26	8.16	7.89	5.6	2.44
505	12/18/2007 19:01	8.71	48.477	31.35	8.11	7.89	8.5	2.46
506	12/18/2007 19:16	8.71	48.519	31.38	8.1	7.89	6.4	2.45
507	12/18/2007 19:31	8.72	48.394	31.29	8.09	7.89	6.3	2.44
508	12/18/2007 19:46	8.72	48.126	31.1	8.08	7.89	6.8	2.40
509	12/18/2007 20:01	8.67	48.078	31.06	8.11	7.89	8.2	2.35
510	12/18/2007 20:16	8.7	47.917	30.95	8.1	7.89	8.2	2.32
511	12/18/2007 20:31	8.72	48.183	31.14	8.08	7.89	8.1	2.24
512	12/18/2007 20:46	8.75	48.213	31.16	8.09	7.89	7.3	2.19
513	12/18/2007 21:01	8.77	47.835	30.9	8.1	7.9	8.6	2.12
514	12/18/2007 21:16	8.76	47.874	30.92	8.08	7.89	6.5	2.04
515	12/18/2007 21:31	8.76	47.707	30.8	8.12	7.9	7.5	2.00
516	12/18/2007 21:46	8.76	47.593	30.72	8.14	7.9	9.3	1.95
517	12/18/2007 22:01	8.78	47.752	30.84	8.11	7.91	8.1	1.87
518	12/18/2007 22:16	8.7	47.691	30.79	8.12	7.9	8.7	1.82
519	12/18/2007 22:31	8.66	47.689	30.78	8.12	7.9	8.9	1.78
520	12/18/2007 22:46	8.65	46.983	30.28	8.14	7.9	24.2	1.70
521	12/18/2007 23:01	8.64	47.246	30.46	8.13	7.9	9.0	1.66
522	12/18/2007 23:16	8.64	47.152	30.4	8.08	7.9	5.3	1.65
523	12/18/2007 23:31	8.63	47.253	30.47	8.08	7.9	5.4	1.60
524	12/18/2007 23:46	8.63	47.425	30.59	7.9	7.88	4.2	1.58
525	12/19/2007 00:01	8.64	47.342	30.53	7.86	7.89	5.7	1.60
526	12/19/2007 00:16	8.66	47.532	30.67	8.02	7.89	5.1	1.60
527	12/19/2007 00:31	8.62	47.528	30.66	8.04	7.89	6.2	1.59

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
528	12/19/2007 00:46	8.67	47.527	30.67	8.05	7.9	5.0	1.63
529	12/19/2007 01:01	8.66	47.539	30.68	8.1	7.9	8.6	1.68
530	12/19/2007 01:16	8.69	47.542	30.68	8.09	7.9	9.3	1.72
531	12/19/2007 01:31	8.7	47.363	30.55	8.1	7.9	8.7	1.78
532	12/19/2007 01:46	8.72	47.425	30.6	8.11	7.9	9.5	1.85
533	12/19/2007 02:01	8.73	47.648	30.76	8.1	7.9	9.0	1.92
534	12/19/2007 02:16	8.73	47.571	30.7	8.11	7.9	9.3	1.98
535	12/19/2007 02:31	8.73	47.491	30.65	8.11	7.89	9.2	2.03
536	12/19/2007 02:46	8.72	47.886	30.93	8.09	7.89	9.0	2.12
537	12/19/2007 03:01	8.71	48.021	31.02	8.1	7.89	10.3	2.19
538	12/19/2007 03:16	8.7	47.939	30.96	8.12	7.89	10.8	2.25
539	12/19/2007 03:31	8.68	48.009	31.01	8.14	7.89	9.7	2.33
540	12/19/2007 03:46	8.68	48.029	31.03	8.14	7.89	10.1	2.41
541	12/19/2007 04:01	8.71	48.455	31.34	8.13	7.9	12.6	2.50
542	12/19/2007 04:16	8.71	48.552	31.4	8.13	7.9	13.0	2.57
543	12/19/2007 04:31	8.72	48.534	31.39	8.15	7.9	15.7	2.68
544	12/19/2007 04:46	8.75	48.882	31.64	8.16	7.9	18.9	2.76
545	12/19/2007 05:01	8.78	49.092	31.8	8.17	7.9	19.8	2.85
546	12/19/2007 05:16	8.82	49.423	32.04	8.17	7.9	16.5	2.94
547	12/19/2007 05:31	8.88	49.604	32.17	8.19	7.9	16.1	3.03
548	12/19/2007 05:46	8.92	49.834	32.34	8.2	7.91	16.3	3.09
549	12/19/2007 06:01	8.99	49.975	32.45	8.22	7.91	11.0	3.17
550	12/19/2007 06:16	9.01	49.739	32.28	8.22	7.92	12.2	3.24
551	12/19/2007 06:31	9.02	50.019	32.48	8.2	7.91	7.1	3.28
552	12/19/2007 06:46	9.03	50.143	32.57	8.17	7.91	5.5	3.32
553	12/19/2007 07:01	9.05	50.285	32.68	8.07	7.91	4.8	3.33
554	12/19/2007 07:16	9.01	50.034	32.49	8.15	7.91	12.2	3.35
555	12/19/2007 07:31	9.03	50.186	32.6	8.15	7.92	9.7	3.33
556	12/19/2007 07:46	9.05	50.275	32.67	8.19	7.92	9.8	3.29
557	12/19/2007 08:01	8.82	49.117	31.82	8.07	7.9	7.9	3.24
558	12/19/2007 08:16	8.76	49.017	31.74	8.13	7.9	8.4	3.17
559	12/19/2007 08:31	8.78	49.294	31.94	8.09	7.9	9.4	3.07
560	12/19/2007 08:46	8.71	48.585	31.43	8.1	7.89	8.7	2.99
561	12/19/2007 09:01	8.74	48.59	31.43	8.15	7.9	13.0	2.89
562	12/19/2007 09:16	8.7	48.341	31.25	8.14	7.89	9.8	2.80
563	12/19/2007 09:31	8.66	48.096	31.07	8.17	7.89	11.2	2.68
564	12/19/2007 09:46	8.68	48.041	31.04	8.16	7.89	10.2	2.59
565	12/19/2007 10:01	8.66	47.87	30.91	8.17	7.89	8.6	2.50
566	12/19/2007 10:16	8.65	47.83	30.88	8.16	7.89	8.9	2.39
567	12/19/2007 10:31	8.66	47.767	30.84	8.16	7.89	9.3	2.27
568	12/19/2007 10:46	8.65	47.522	30.66	8.15	7.89	11.1	2.17
569	12/19/2007 11:01	8.66	47.436	30.6	8.16	7.89	9.6	2.06
570	12/19/2007 11:16	8.69	47.745	30.82	8.19	7.9	10.6	1.95
571	12/19/2007 11:31	8.66	47.163	30.41	8.19	7.9	9.3	1.83
572	12/19/2007 11:46	8.7	47.399	30.58	8.23	7.91	8.9	1.73
573	12/19/2007 12:01	8.68	47.261	30.48	8.26	7.91	8.9	1.62
574	12/19/2007 12:16	8.67	46.901	30.22	8.27	7.91	9.3	1.51
575	12/19/2007 12:31	8.66	46.996	30.29	8.26	7.91	9.0	1.41

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
576	12/19/2007 12:46	8.66	46.914	30.23	8.26	7.91	9.7	1.31
577	12/19/2007 13:01	8.66	46.886	30.21	8.23	7.91	11.0	1.25
578	12/19/2007 13:16	8.65	46.719	30.09	8.24	7.91	11.8	1.19
579	12/19/2007 13:31	8.65	46.863	30.19	8.18	7.9	10.0	1.14
580	12/19/2007 13:46	8.65	46.873	30.2	8.13	7.9	5.2	1.13
581	12/19/2007 14:01	8.65	46.76	30.12	8.16	7.9	6.1	1.13
582	12/19/2007 14:16	8.65	46.718	30.09	8.22	7.9	9.8	1.14
583	12/19/2007 14:31	8.66	46.572	29.98	8.23	7.9	9.5	1.16
584	12/19/2007 14:46	8.66	46.634	30.03	8.2	7.9	9.8	1.21
585	12/19/2007 15:01	8.65	46.03	29.6	8.22	7.89	11.4	1.28
586	12/19/2007 15:16	8.65	45.728	29.38	8.22	7.89	9.7	1.34
587	12/19/2007 15:31	8.65	45.736	29.39	8.22	7.86	9.1	1.42
588	12/19/2007 15:46	8.65	45.8	29.44	8.22	7.86	9.3	1.50
589	12/19/2007 16:01	8.65	45.52	29.24	8.21	7.85	8.6	1.56
590	12/19/2007 16:16	8.65	45.315	29.09	8.22	7.85	9.3	1.64
591	12/19/2007 16:31	8.66	45.978	29.56	8.18	7.88	9.4	1.71
592	12/19/2007 16:46	8.67	46.045	29.61	8.21	7.89	7.8	1.78
593	12/19/2007 17:01	8.66	45.336	29.11	8.26	7.89	8.2	1.84
594	12/19/2007 17:16	8.67	46.248	29.76	8.22	7.89	8.0	1.91
595	12/19/2007 17:31	8.67	47.248	30.47	8.17	7.89	9.8	1.99
596	12/19/2007 17:46	8.66	47.411	30.58	8.17	7.89	10.4	2.05
597	12/19/2007 18:01	8.66	47.132	30.39	8.19	7.89	9.5	2.11
598	12/19/2007 18:16	8.66	47.227	30.45	8.19	7.89	8.9	2.18
599	12/19/2007 18:31	8.68	47.371	30.56	8.19	7.89	9.9	2.26
600	12/19/2007 18:46	8.69	47.555	30.69	8.18	7.89	9.2	2.29
601	12/19/2007 19:01	8.7	47.706	30.8	8.17	7.89	7.6	2.36
602	12/19/2007 19:16	8.72	47.844	30.9	8.18	7.89	8.2	2.42
603	12/19/2007 19:31	8.73	47.807	30.87	8.18	7.89	7.8	2.45
604	12/19/2007 19:46	8.75	47.936	30.97	8.17	7.89	6.4	2.50
605	12/19/2007 20:01	8.75	47.894	30.94	8.16	7.89	6.6	2.53
606	12/19/2007 20:16	8.76	47.911	30.95	8.07	7.89	2.5	2.55
607	12/19/2007 20:31	8.77	48.019	31.03	7.9	7.87	2.6	2.57
608	12/19/2007 20:46	8.78	48.026	31.03	8.15	7.89	6.6	2.56
609	12/19/2007 21:01	8.78	48.152	31.12	8.05	7.89	6.3	2.52
610	12/19/2007 21:16	8.77	48.173	31.14	8.16	7.89	7.3	2.50
611	12/19/2007 21:31	8.74	47.596	30.72	8.15	7.89	6.9	2.47
612	12/19/2007 21:46	8.7	47.254	30.47	8.13	7.88	7.7	2.41
613	12/19/2007 22:01	8.71	47.45	30.62	8.15	7.89	9.3	2.35
614	12/19/2007 22:16	8.7	46.63	30.03	8.14	7.88	9.3	2.31
615	12/19/2007 22:31	8.69	47.219	30.45	8.04	7.88	8.2	2.23
616	12/19/2007 22:46	8.68	47.064	30.34	8.06	7.88	7.9	2.17
617	12/19/2007 23:01	8.68	47.189	30.43	8.11	7.88	8.4	2.12
618	12/19/2007 23:16	8.67	46.938	30.25	8.13	7.88	8.9	2.10
619	12/19/2007 23:31	8.67	46.974	30.27	8.16	7.88	9.0	2.05
620	12/19/2007 23:46	8.67	46.82	30.16	8.18	7.88	7.3	2.00
621	12/20/2007 00:01	8.67	46.62	30.02	8.2	7.88	9.0	1.96
622	12/20/2007 00:16	8.67	46.513	29.94	8.14	7.87	8.1	1.93
623	12/20/2007 00:31	8.67	46.462	29.91	8.03	7.87	7.8	1.89

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
624	12/20/2007 00:46	8.67	46.566	29.98	7.98	7.86	5.3	1.88
625	12/20/2007 01:01	8.67	46.678	30.06	7.81	7.85	5.0	1.86
626	12/20/2007 01:16	8.67	46.627	30.03	7.82	7.85	3.9	1.82
627	12/20/2007 01:31	8.66	46.186	29.71	8.07	7.87	8.6	1.85
628	12/20/2007 01:46	8.65	46.6	30.01	8.17	7.84	13.7	1.88
629	12/20/2007 02:01	8.66	46.591	30	8.13	7.88	10.9	1.88
630	12/20/2007 02:16	8.64	46.43	29.88	8.18	7.84	10.9	1.93
631	12/20/2007 02:31	8.63	46.335	29.81	8.21	7.85	11.1	2.00
632	12/20/2007 02:46	8.64	45.787	29.43	8.25	7.84	11.8	2.04
633	12/20/2007 03:01	8.67	46.401	29.86	8.22	7.84	12.0	2.11
634	12/20/2007 03:16	8.69	46.991	30.29	8.2	7.88	12.3	2.18
635	12/20/2007 03:31	8.7	47.127	30.38	8.19	7.88	11.1	2.25
636	12/20/2007 03:46	8.71	47.316	30.52	8.19	7.88	10.8	2.33
637	12/20/2007 04:01	8.74	47.557	30.69	8.2	7.89	13.3	2.40
638	12/20/2007 04:16	8.76	47.763	30.84	8.22	7.89	13.3	2.50
639	12/20/2007 04:31	8.77	47.125	30.39	8.26	7.89	12.6	2.57
640	12/20/2007 04:46	8.8	48.087	31.08	8.25	7.9	12.8	2.65
641	12/20/2007 05:01	8.83	47.726	30.82	8.26	7.9	15.7	2.76
642	12/20/2007 05:16	8.88	48.227	31.18	8.25	7.9	19.9	2.84
643	12/20/2007 05:31	8.93	48.256	31.21	8.27	7.91	21.4	2.93
644	12/20/2007 05:46	9	47.968	31.01	8.29	7.92	18.7	3.02
645	12/20/2007 06:01	9.02	47.974	31.01	8.29	7.92		3.13
646	12/20/2007 06:16	9.02	48.92	31.69	8.26	7.92	15.6	3.18
647	12/20/2007 06:31	9.06	48.261	31.22	8.28	7.93	11.4	3.27
648	12/20/2007 06:46	9.14	48.876	31.67	8.25	7.93	12.3	3.36
649	12/20/2007 07:01	9.07	49.103	31.83	8.23	7.93	13.4	3.39
650	12/20/2007 07:16	9.16	48.896	31.69	8.19	7.94	5.7	3.43
651	12/20/2007 07:31	9.17	48.866	31.66	8.2	7.94	6.7	3.46
652	12/20/2007 07:46	9.01	48.295	31.24	8.19	7.92	7.4	3.47
653	12/20/2007 08:01	9.15	49.014	31.77	8.19	7.93	10.9	3.50
654	12/20/2007 08:16	9.2	48.983	31.75	8.25	7.94	10.0	3.47
655	12/20/2007 08:31	9.18	48.847	31.65	8.23	7.94	10.6	3.41
656	12/20/2007 08:46	8.72	47.454	30.62	8.34	7.91	10.6	3.35
657	12/20/2007 09:01	8.71	48.187	31.14	8.29	7.91	9.7	3.30
658	12/20/2007 09:16	8.54	46.522	29.94	8.34	7.86	10.2	3.21
659	12/20/2007 09:31	8.47	46.758	30.1	8.35	7.86	8.7	3.09
660	12/20/2007 09:46	8.53	45.673	29.34	8.39	7.86	9.9	3.02
661	12/20/2007 10:01	8.63	46.803	30.15	8.33	7.86	9.9	2.91
662	12/20/2007 10:16	8.64	46.879	30.2	8.32	7.86	12.1	2.80
663	12/20/2007 10:31	8.53	45.993	29.56	8.35	7.86	11.1	2.68
664	12/20/2007 10:46	8.59	46.185	29.7	8.37	7.86	10.6	2.58
665	12/20/2007 11:01	8.61	46.628	30.02	8.35	7.86	12.0	2.46
666	12/20/2007 11:16	8.64	46.419	29.88	8.41	7.86	10.1	2.33
667	12/20/2007 11:31	8.69	46.832	30.17	8.44	7.87	10.8	2.20
668	12/20/2007 11:46	8.77	45.666	29.35	8.57	7.88	9.3	2.07
669	12/20/2007 12:01	8.79	46.557	29.98	8.58	7.89	8.7	1.94
670	12/20/2007 12:16	8.72	46.433	29.89	8.45	7.87	17.1	1.79
671	12/20/2007 12:31	8.75	46.434	29.89	8.44	7.87	15.0	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
672	12/20/2007 12:46	8.86	46.391	29.87	8.61	7.89	14.6	1.52
673	12/20/2007 13:01	8.89	46.32	29.82	8.69	7.9	13.9	1.38
674	12/20/2007 13:16	8.86	46.253	29.77	8.59	7.89	13.1	1.25
675	12/20/2007 13:31	8.8	45.998	29.59	8.56	7.88	12.9	1.13
676	12/20/2007 13:46	8.79	46.166	29.71	8.47	7.87	12.4	1.01
677	12/20/2007 14:01	8.79	46.089	29.65	8.45	7.87	11.4	0.94
678	12/20/2007 14:16	8.81	45.904	29.52	8.48	7.87	12.6	0.86
679	12/20/2007 14:31	8.8	45.873	29.5	8.48	7.88	10.9	0.82
680	12/20/2007 14:46	8.78	45.673	29.35	8.46	7.87	9.1	0.82
681	12/20/2007 15:01	8.81	45.882	29.51	8.51	7.88	10.7	0.84
682	12/20/2007 15:16	8.77	45.706	29.38	8.48	7.87	8.5	0.88
683	12/20/2007 15:31	8.77	45.686	29.36	8.48	7.87	10.5	0.92
684	12/20/2007 15:46	8.77	45.266	29.06	8.51	7.87	9.8	0.97
685	12/20/2007 16:01	8.75	45.464	29.2	8.48	7.87	9.5	1.04
686	12/20/2007 16:16	8.76	44.971	28.85	8.48	7.86	9.0	1.11
687	12/20/2007 16:31	8.74	45.083	28.93	8.45	7.86	10.5	1.21
688	12/20/2007 16:46	8.74	44.599	28.59	8.42	7.85	12.1	1.25
689	12/20/2007 17:01	8.75	44.717	28.67	8.45	7.85	11.2	1.35
690	12/20/2007 17:16	8.75	45.121	28.96	8.44	7.85	10.3	1.42
691	12/20/2007 17:31	8.75	44.753	28.7	8.44	7.85	11.5	1.53
692	12/20/2007 17:46	8.73	44.27	28.36	8.45	7.85	10.0	1.60
693	12/20/2007 18:01	8.72	44.344	28.41	8.45	7.84	11.0	1.68
694	12/20/2007 18:16	8.72	44.086	28.22	8.45	7.84	10.0	1.75
695	12/20/2007 18:31	8.7	44.89	28.79	8.43	7.85	10.7	1.87
696	12/20/2007 18:46	8.68	45.678	29.35	8.39	7.85	11.2	1.94
697	12/20/2007 19:01	8.69	45.023	28.89	8.42	7.85	10.9	2.05
698	12/20/2007 19:16	8.69	45.194	29.01	8.41	7.85	11.1	2.10
699	12/20/2007 19:31	8.69	46.315	29.8	8.37	7.85	11.4	2.19
700	12/20/2007 19:46	8.7	46.38	29.85	8.36	7.85	11.0	2.24
701	12/20/2007 20:01	8.74	45.791	29.44	8.38	7.85	12.8	2.30
702	12/20/2007 20:16	8.75	46.211	29.73	8.36	7.85	11.8	2.39
703	12/20/2007 20:31	8.76	46.502	29.94	8.36	7.85	10.8	2.43
704	12/20/2007 20:46	8.78	46.535	29.97	8.37	7.86	10.8	2.48
705	12/20/2007 21:01	8.81	46.521	29.96	8.36	7.86	10.3	2.51
706	12/20/2007 21:16	8.82	46.455	29.91	8.35	7.86	7.1	2.55
707	12/20/2007 21:31	8.84	46.221	29.75	8.32	7.85	4.8	2.56
708	12/20/2007 21:46	8.83	46.641	30.05	8.25	7.85	6.7	2.57
709	12/20/2007 22:01	8.82	46.763	30.13	8.28	7.85	4.8	2.58
710	12/20/2007 22:16	8.85	46.886	30.22	8.25	7.85	5.4	2.58
711	12/20/2007 22:31	8.84	46.4	29.88	8.35	7.86	8.7	2.54
712	12/20/2007 22:46	8.8	46.629	30.04	8.32	7.85	8.4	2.51
713	12/20/2007 23:01	8.77	45.614	29.31	8.34	7.85	9.3	2.48
714	12/20/2007 23:16	8.73	45.95	29.55	8.36	7.85	15.3	2.39
715	12/20/2007 23:31	8.7	46.006	29.59	8.34	7.85	12.6	2.36
716	12/20/2007 23:46	8.66	45.789	29.43	8.33	7.85	11.1	2.28
717	12/21/2007 00:01	8.62	45.03	28.89	8.36	7.84	11.3	2.17
718	12/21/2007 00:16	8.55	45.539	29.24	8.36	7.84	12.3	2.12
719	12/21/2007 00:31	8.43	45.244	29.02	8.41	7.84	10.8	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
720	12/21/2007 00:46	8.39	44.643	28.6	8.34	7.84	6.5	2.03
721	12/21/2007 01:01	8.29	44.509	28.49	8.36	7.86	6.4	1.98
722	12/21/2007 01:16	8.24	45.03	28.86	8.32	7.86	4.5	1.97
723	12/21/2007 01:31	8.2	44.443	28.44	8.3	7.85	3.3	1.93
724	12/21/2007 01:46	8.19	44.503	28.48	8.21	7.85	4.0	1.91
725	12/21/2007 02:01	8.27	44.925	28.79	8.3	7.85	6.4	1.88
726	12/21/2007 02:16	8.26	44.896	28.77	8.38	7.86	6.3	1.87
727	12/21/2007 02:31	8.3	44.982	28.83	8.39	7.86	9.2	1.91
728	12/21/2007 02:46	8.25	44.836	28.72	8.39	7.86	7.7	1.95
729	12/21/2007 03:01	8.37	45.209	28.99	8.4	7.84	11.2	1.99
730	12/21/2007 03:16	8.32	44.988	28.83	8.42	7.86	11.4	2.04
731	12/21/2007 03:31	8.36	44.741	28.66	8.44	7.86	11.0	2.11
732	12/21/2007 03:46	8.43	44.927	28.8	8.44	7.84	11.5	2.16
733	12/21/2007 04:01	8.41	44.113	28.22	8.49	7.87	10.9	2.23
734	12/21/2007 04:16	8.48	44.754	28.68	8.49	7.85	12.7	2.32
735	12/21/2007 04:31	8.53	44.719	28.66	8.5	7.85	10.4	2.39
736	12/21/2007 04:46	8.57	45.38	29.13	8.53	7.85	12.6	2.45
737	12/21/2007 05:01	8.59	44.671	28.63	8.57	7.86	14.6	2.52
738	12/21/2007 05:16	8.45	45.524	29.22	8.58	7.86	13.6	2.62
739	12/21/2007 05:31	8.59	45.357	29.12	8.6	7.87	14.1	2.70
740	12/21/2007 05:46	8.66	45.476	29.21	8.63	7.88	15.3	2.79
741	12/21/2007 06:01	9.06	47.344	30.57	8.54	7.89	20.8	2.88
742	12/21/2007 06:16	9.1	47.617	30.76	8.52	7.9		3.00
743	12/21/2007 06:31	9.11	47.701	30.82	8.48	7.93	24.7	3.09
744	12/21/2007 06:46	9.14	47.985	31.03	8.43	7.94	25.2	3.17
745	12/21/2007 07:01	9.14	48.914	31.7	8.39	7.94	22.4	3.27
746	12/21/2007 07:16	9.12	48.684	31.53	8.43	7.94	16.2	3.35
747	12/21/2007 07:31	9.1	49.045	31.79	8.48	7.94	15.3	3.43
748	12/21/2007 07:46	9.14	48.663	31.52	8.52	7.95	13.3	3.49
749	12/21/2007 08:01	9.17	49.226	31.92	8.49	7.94	12.4	3.56
750	12/21/2007 08:16	9.22	49.443	32.08	8.47	7.95	7.7	3.59
751	12/21/2007 08:31	9.24	49.638	32.23	8.42	7.94	8.1	3.64
752	12/21/2007 08:46	9.17	49.327	32	8.48	7.94	8.9	3.64
753	12/21/2007 09:01	9.24	49.515	32.14	8.47	7.95	9.6	3.63
754	12/21/2007 09:16	9.23	49.001	31.77	8.45	7.95	10.4	3.61
755	12/21/2007 09:31	9.1	48.574	31.45	8.48	7.94	12.0	3.54
756	12/21/2007 09:46	8.54	47.427	30.59	8.56	7.88	9.3	3.47
757	12/21/2007 10:01	8.89	47.775	30.86	8.51	7.9	12.2	3.37
758	12/21/2007 10:16	8.48	46.78	30.12	8.59	7.88	8.9	3.27
759	12/21/2007 10:31	8.55	46.619	30.01	8.58	7.87	8.6	3.14
760	12/21/2007 10:46	8.63	46.848	30.18	8.54	7.88	15.8	3.02
761	12/21/2007 11:01	8.56	46.125	29.66	8.55	7.88	18.3	2.90
762	12/21/2007 11:16	8.49	45.466	29.19	8.59	7.87	12.6	2.77
763	12/21/2007 11:31	8.44	45.229	29.01	8.62	7.87	10.3	2.64
764	12/21/2007 11:46	8.56	46.411	29.86	8.6	7.88	10.5	2.49
765	12/21/2007 12:01	8.58	46.126	29.66	8.69	7.88	8.0	2.35
766	12/21/2007 12:16	8.66	46.442	29.89	8.7	7.89	8.2	2.22
767	12/21/2007 12:31	8.61	45.862	29.48	8.79	7.89	9.1	2.06

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
768	12/21/2007 12:46	8.51	45.62	29.3	8.79	7.9	16.5	1.91
769	12/21/2007 13:01	8.61	44.871	28.77	8.88	7.89	12.3	1.76
770	12/21/2007 13:16	8.63	45.715	29.37	8.87	7.9	15.2	1.59
771	12/21/2007 13:31	8.6	45.549	29.25	8.89	7.9	17.2	1.46
772	12/21/2007 13:46	8.58	45.259	29.05	8.92	7.9	15.0	1.26
773	12/21/2007 14:01	8.42	45.112	28.93	8.84	7.9	13.0	1.11
774	12/21/2007 14:16	8.41	44.941	28.81	8.82	7.9	13.2	0.97
775	12/21/2007 14:31	8.38	44.889	28.77	8.83	7.9	14.1	0.84
776	12/21/2007 14:46	8.36	44.88	28.76	8.86	7.9	15.3	0.68
777	12/21/2007 15:01	8.34	44.627	28.58	8.88	7.92	14.2	0.57
778	12/21/2007 15:16	8.33	43.803	28	8.97	7.93	10.1	0.54
779	12/21/2007 15:31	8.37	44.562	28.54	8.86	7.91	11.9	0.50
780	12/21/2007 15:46	8.34	44.633	28.59	8.9	7.91	8.9	0.54
781	12/21/2007 16:01	8.31	44.609	28.57	8.89	7.92	7.9	0.59
782	12/21/2007 16:16	8.31	44.125	28.22	8.88	7.91	8.4	0.69
783	12/21/2007 16:31	8.26	43.734	27.94	8.9	7.91	7.3	0.74
784	12/21/2007 16:46	8.19	43.557	27.81	8.86	7.9	11.1	0.82
785	12/21/2007 17:01	8.25	43.815	28	8.79	7.9	5.4	0.87
786	12/21/2007 17:16	8.26	43.748	27.95	8.83	7.9	7.1	0.92
787	12/21/2007 17:31	8.27	44.125	28.22	8.82	7.9	7.5	1.02
788	12/21/2007 17:46	8.27	43.767	27.97	8.83	7.89	8.1	1.09
789	12/21/2007 18:01	8.29	44.174	28.26	8.78	7.89	8.5	1.16
790	12/21/2007 18:16	8.29	43.167	27.55	8.84	7.89	9.0	1.25
791	12/21/2007 18:31	8.29	42.951	27.4	8.84	7.88	10.3	1.37
792	12/21/2007 18:46	8.29	43.574	27.83	8.78	7.88	9.8	1.44
793	12/21/2007 19:01	8.33	43.225	27.59	8.77	7.88	9.9	1.55
794	12/21/2007 19:16	8.36	43.954	28.11	8.72	7.88	9.8	1.68
795	12/21/2007 19:31	8.39	44.085	28.2	8.68	7.88	13.3	1.79
796	12/21/2007 19:46	8.37	44.684	28.62	8.65	7.88	12.2	1.86
797	12/21/2007 20:01	8.4	44.431	28.45	8.66	7.88	13.9	1.96
798	12/21/2007 20:16	8.42	44.486	28.49	8.66	7.88	14.8	2.07
799	12/21/2007 20:31	8.42	45.088	28.91	8.65	7.89	15.0	2.16
800	12/21/2007 20:46	8.42	44.567	28.54	8.68	7.89	13.4	2.24
801	12/21/2007 21:01	8.54	44.867	28.77	8.67	7.89	21.3	2.32
802	12/21/2007 21:16	8.55	45.32	29.09	8.65	7.89	22.0	2.38
803	12/21/2007 21:31	8.57	45.828	29.45	8.67	7.89	19.4	2.45
804	12/21/2007 21:46	8.62	46.482	29.92	8.73	7.88	15.1	2.52
805	12/21/2007 22:01	8.66	46.254	29.76	8.77	7.88	13.1	2.57
806	12/21/2007 22:16	8.67	46.555	29.97	8.73	7.88	9.8	2.61
807	12/21/2007 22:31	8.69	46.295	29.79	8.72	7.88	14.7	2.66
808	12/21/2007 22:46	8.73	47.036	30.32	8.68	7.88	6.5	2.69
809	12/21/2007 23:01	8.73	47.252	30.48	8.57	7.87	12.0	2.67
810	12/21/2007 23:16	8.77	46.623	30.03	8.75	7.89	11.7	2.66
811	12/21/2007 23:31	8.74	47.298	30.51	8.73	7.89	8.9	2.64
812	12/21/2007 23:46	8.67	46.986	30.28	8.73	7.89	7.8	2.59
813	12/22/2007 00:01	8.28	45.874	29.46	8.73	7.9	8.5	2.51
814	12/22/2007 00:16	8.27	46.202	29.69	8.66	7.89	12.7	2.46
815	12/22/2007 00:31	8.43	46.146	29.66	8.62	7.89	15.3	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
816	12/22/2007 00:46	8.37	45.945	29.52	8.61	7.89	11.9	2.34
817	12/22/2007 01:01	8.3	45.345	29.09	8.59	7.88	10.6	2.27
818	12/22/2007 01:16	8.13	45.473	29.16	8.54	7.87	12.0	2.18
819	12/22/2007 01:31	7.97	44.723	28.62	8.62	7.87	9.4	2.14
820	12/22/2007 01:46	7.98	44.625	28.55	8.61	7.87	7.8	2.08
821	12/22/2007 02:01	7.89	44.997	28.81	8.6	7.87	7.1	2.03
822	12/22/2007 02:16	7.82	44.155	28.21	8.65	7.87	7.8	1.96
823	12/22/2007 02:31	7.81	43.906	28.03	8.68	7.87	6.5	1.96
824	12/22/2007 02:46	7.78	44.596	28.52	8.6	7.86	5.0	1.94
825	12/22/2007 03:01	7.89	44.634	28.55	8.45	7.86	6.5	1.91
826	12/22/2007 03:16	7.96	44.42	28.41	8.57	7.87	7.0	1.93
827	12/22/2007 03:31	7.93	44.106	28.18	8.62	7.87	6.7	1.94
828	12/22/2007 03:46	7.92	45.061	28.86	8.61	7.87	8.2	1.99
829	12/22/2007 04:01	7.96	44.575	28.52	8.63	7.87	9.2	2.03
830	12/22/2007 04:16	7.94	44.894	28.74	8.64	7.87	9.8	2.08
831	12/22/2007 04:31	8.04	45.141	28.92	8.64	7.87	8.8	2.16
832	12/22/2007 04:46	8.19	45.563	29.23	8.63	7.88	11.4	2.22
833	12/22/2007 05:01	8.28	45.742	29.37	8.67	7.89	8.7	2.30
834	12/22/2007 05:16	8.28	45.076	28.89	8.7	7.89	9.4	2.36
835	12/22/2007 05:31	8.26	46.016	29.56	8.7	7.9	9.1	2.43
836	12/22/2007 05:46	8.5	46.288	29.77	8.72	7.91	12.2	2.52
837	12/22/2007 06:01	8.51	46.798	30.13	8.71	7.91	10.1	2.61
838	12/22/2007 06:16	8.58	46.638	30.03	8.71	7.91	9.7	2.67
839	12/22/2007 06:31	8.64	46.772	30.13	8.7	7.92	10.4	2.77
840	12/22/2007 06:46	8.73	47.49	30.65	8.67	7.9	13.8	2.87
841	12/22/2007 07:01	8.74	47.663	30.77	8.66	7.9	14.3	2.95
842	12/22/2007 07:16	8.84	47.981	31.01	8.63	7.91	19.9	3.04
843	12/22/2007 07:31	8.9	47.52	30.68	8.63	7.91	15.9	3.14
844	12/22/2007 07:46	9	48.57	31.44	8.56	7.92	17.1	3.22
845	12/22/2007 08:01	9	47.783	30.88	8.59	7.92	14.8	3.32
846	12/22/2007 08:16	9.05	48.056	31.07	8.55	7.92	12.5	3.41
847	12/22/2007 08:31	9.04	48.716	31.55	8.53	7.92	10.0	3.48
848	12/22/2007 08:46	9.05	48.75	31.57	8.5	7.92	8.6	3.55
849	12/22/2007 09:01	9.07	48.013	31.05	8.53	7.92	6.4	3.60
850	12/22/2007 09:16	9.09	48.065	31.08	8.5	7.92	6.3	3.65
851	12/22/2007 09:31	9.1	48.452	31.36	8.45	7.92	4.5	3.67
852	12/22/2007 09:46	9.04	48.077	31.09	8.54	7.92	11.1	3.67
853	12/22/2007 10:01	9.07	48.169	31.16	8.55	7.92	8.6	3.67
854	12/22/2007 10:16	9.09	49.066	31.8	8.52	7.92	9.6	3.63
855	12/22/2007 10:31	8.98	47.651	30.78	8.61	7.92	9.2	3.54
856	12/22/2007 10:46	8.87	48.237	31.19	8.61	7.91	8.9	3.46
857	12/22/2007 11:01	8.87	47.181	30.44	8.63	7.91	9.2	3.37
858	12/22/2007 11:16	8.69	46.909	30.23	8.65	7.9	12.3	3.23
859	12/22/2007 11:31	8.49	46.791	30.13	8.67	7.91	12.9	3.09
860	12/22/2007 11:46	8.52	46.095	29.64	8.7	7.91	10.8	2.97
861	12/22/2007 12:01	8.55	46.194	29.71	8.71	7.91	8.7	2.81
862	12/22/2007 12:16	8.58	46.491	29.92	8.7	7.91	8.9	2.67
863	12/22/2007 12:31	8.56	46.419	29.87	8.71	7.91	8.0	2.54

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
864	12/22/2007 12:46	8.6	46.826	30.16	8.68	7.91	8.9	2.37
865	12/22/2007 13:01	8.43	45.987	29.55	8.74	7.91	10.7	2.24
866	12/22/2007 13:16	8.51	45.948	29.53	8.71	7.92	9.4	2.08
867	12/22/2007 13:31	8.43	45.139	28.95	8.77	7.91	11.7	1.89
868	12/22/2007 13:46	8.4	45.981	29.54	8.77	7.92	14.7	1.75
869	12/22/2007 14:01	8.26	45.503	29.2	8.83	7.9	17.5	1.58
870	12/22/2007 14:16	8.2	45.211	28.98	8.87	7.9	16.6	1.38
871	12/22/2007 14:31	8.1	45.009	28.83	8.81	7.89	19.5	1.22
872	12/22/2007 14:46	8.03	44.803	28.68	8.78	7.88	16.9	1.03
873	12/22/2007 15:01	7.97	44.618	28.55	8.79	7.88	25.8	0.84
874	12/22/2007 15:16	7.93	44.431	28.41	8.77	7.88	26.9	0.68
875	12/22/2007 15:31	7.94	43.573	27.81	8.79	7.88	24.0	0.53
876	12/22/2007 15:46	7.91	44.307	28.32	8.72	7.88	25.2	0.39
877	12/22/2007 16:01	7.91	44.026	28.12	8.76	7.88	24.4	0.32
878	12/22/2007 16:16	7.89	43.209	27.55	8.75	7.87	18.6	0.31
879	12/22/2007 16:31	7.92	44.055	28.15	8.79	7.88	18.3	0.34
880	12/22/2007 16:46	7.88	43.91	28.04	8.8	7.87	19.9	0.45
881	12/22/2007 17:01	7.89	43.928	28.05	8.77	7.86	13.9	0.52
882	12/22/2007 17:16	7.74	40.879	25.91	9.01	7.84	11.9	0.59
883	12/22/2007 17:31	7.84	42.581	27.1	8.87	7.86	14.2	0.67
884	12/22/2007 17:46	7.85	42.947	27.36	8.73	7.86	7.5	0.70
885	12/22/2007 18:01	7.86	43.135	27.49	8.69	7.86	6.3	0.75
886	12/22/2007 18:16	7.78	42.591	27.11	8.81	7.85	14.7	0.82
887	12/22/2007 18:31	7.69	41.767	26.52	8.93	7.84	14.0	0.90
888	12/22/2007 18:46	7.76	43.211	27.54	8.82	7.85	12.8	0.99
889	12/22/2007 19:01	7.84	43.29	27.6	8.81	7.87	10.1	1.08
890	12/22/2007 19:16	7.81	43.644	27.85	8.83	7.86	10.8	1.20
891	12/22/2007 19:31	7.78	42.971	27.37	8.88	7.86	13.9	1.32
892	12/22/2007 19:46	7.85	42.909	27.33	8.89	7.86	11.7	1.44
893	12/22/2007 20:01	8.05	44.342	28.36	8.77	7.87	11.4	1.55
894	12/22/2007 20:16	8.07	44.618	28.55	8.75	7.87	13.9	1.69
895	12/22/2007 20:31	8.04	44.225	28.28	8.75	7.87	16.9	1.81
896	12/22/2007 20:46	8.08	44.94	28.78	8.72	7.88	16.9	1.92
897	12/22/2007 21:01	8.16	45.196	28.97	8.71	7.88	17.1	2.04
898	12/22/2007 21:16	8.22	45.269	29.03	8.72	7.89	19.3	2.14
899	12/22/2007 21:31	8.28	44.91	28.78	8.73	7.89	21.6	2.22
900	12/22/2007 21:46	8.38	44.979	28.83	8.74	7.9	20.2	2.32
901	12/22/2007 22:01	8.45	46.03	29.58	8.71	7.9	23.8	2.40
902	12/22/2007 22:16	8.57	46.367	29.83	8.76	7.92	18.8	2.48
903	12/22/2007 22:31	8.63	46.592	30	8.77	7.92	16.5	2.54
904	12/22/2007 22:46	8.68	46.795	30.15	8.77	7.92	14.4	2.62
905	12/22/2007 23:01	8.71	46.595	30.01	8.78	7.93	12.8	2.69
906	12/22/2007 23:16	8.74	47.38	30.57	8.72	7.93	9.2	2.71
907	12/22/2007 23:31	8.76	46.687	30.07	8.73	7.93	7.1	2.78
908	12/22/2007 23:46	8.77	46.844	30.19	8.68	7.93	5.6	2.79
909	12/23/2007 00:01	8.71	46.62	30.02	8.64	7.92	9.4	2.81
910	12/23/2007 00:16	8.75	46.714	30.09	8.74	7.92	10.8	2.79
911	12/23/2007 00:31	8.77	46.228	29.75	8.78	7.9	11.2	2.76

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
912	12/23/2007 00:46	8.74	46.644	30.04	8.7	7.9	10.0	2.72
913	12/23/2007 01:01	8.6	46.247	29.75	8.64	7.91	9.8	2.65
914	12/23/2007 01:16	8.57	45.561	29.26	8.72	7.91	13.9	2.58
915	12/23/2007 01:31	8.56	45.64	29.31	8.68	7.91	18.0	2.52
916	12/23/2007 01:46	8.51	46.238	29.74	8.63	7.9	13.4	2.42
917	12/23/2007 02:01	8.42	45.315	29.07	8.59	7.88	11.4	2.36
918	12/23/2007 02:16	8.38	45.679	29.33	8.58	7.88	10.1	2.30
919	12/23/2007 02:31	8.34	44.948	28.81	8.65	7.88	12.5	2.21
920	12/23/2007 02:46	8.33	44.522	28.51	8.67	7.88	10.7	2.15
921	12/23/2007 03:01	8.25	43.798	27.99	8.68	7.87	9.2	2.12
922	12/23/2007 03:16	8.25	44.393	28.41	8.61	7.86	8.7	2.08
923	12/23/2007 03:31	8.24	44.659	28.6	8.57	7.86	7.0	2.02
924	12/23/2007 03:46	8.23	44.456	28.45	8.55	7.86	7.7	2.01
925	12/23/2007 04:01	8.24	44.106	28.21	8.35	7.86	8.4	2.01
926	12/23/2007 04:16	8.28	44.921	28.78	8.58	7.87	12.6	1.99
927	12/23/2007 04:31	8.31	44.028	28.16	8.62	7.87	9.7	2.02
928	12/23/2007 04:46	8.29	44.228	28.29	8.62	7.87	12.6	2.04
929	12/23/2007 05:01	8.33	44.63	28.58	8.66	7.88	9.6	2.10
930	12/23/2007 05:16	8.29	43.796	27.99	8.66	7.87	10.1	2.16
931	12/23/2007 05:31	8.37	44.522	28.51	8.65	7.88	11.7	2.21
932	12/23/2007 05:46	8.39	45.484	29.19	8.65	7.89	12.6	2.28
933	12/23/2007 06:01	8.45	45.223	29.01	8.67	7.89	12.1	2.37
934	12/23/2007 06:16	8.5	45.123	28.94	8.69	7.89	11.8	2.44
935	12/23/2007 06:31	8.59	46.434	29.88	8.67	7.91	12.3	2.51
936	12/23/2007 06:46	8.64	46.69	30.07	8.69	7.92	15.0	2.59
937	12/23/2007 07:01	8.69	46.503	29.94	8.73	7.92	13.3	2.68
938	12/23/2007 07:16	8.73	46.336	29.82	8.74	7.93	21.9	2.77
939	12/23/2007 07:31	8.83	46.651	30.05	8.75	7.94	17.0	2.88
940	12/23/2007 07:46	8.86	46.27	29.79	8.76	7.94	19.4	2.98
941	12/23/2007 08:01	9.04	47.422	30.62	8.73	7.93	26.6	3.08
942	12/23/2007 08:16	9.13	47.204	30.47	8.73	7.93	22.1	3.17
943	12/23/2007 08:31	9.18	48.048	31.08	8.68	7.94	20.5	3.27
944	12/23/2007 08:46	9.24	47.41	30.63	8.68	7.94	14.4	3.40
945	12/23/2007 09:01	9.28	47.968	31.03	8.64	7.94	19.0	3.47
946	12/23/2007 09:16	9.3	47.856	30.95	8.6	7.94	14.0	3.55
947	12/23/2007 09:31	9.32	47.979	31.04	8.56	7.94	14.5	3.64
948	12/23/2007 09:46	9.33	48.742	31.59	8.5	7.94	12.7	3.69
949	12/23/2007 10:01	9.34	48.176	31.18	8.5	7.94	7.3	3.75
950	12/23/2007 10:16	9.34	47.98	31.04	8.51	7.94	8.1	3.77
951	12/23/2007 10:31	9.22	47.436	30.64	8.57	7.93	6.8	3.78
952	12/23/2007 10:46	9.32	47.782	30.9	8.55	7.94	9.0	3.76
953	12/23/2007 11:01	9.29	47.87	30.96	8.57	7.94	9.3	3.73
954	12/23/2007 11:16	9.3	47.966	31.03	8.56	7.94	9.3	3.65
955	12/23/2007 11:31	9.21	47.44	30.65	8.66	7.93	9.1	3.56
956	12/23/2007 11:46	9.04	46.772	30.16	8.67	7.91	8.7	3.45
957	12/23/2007 12:01	9.04	47.024	30.34	8.63	7.91	8.9	3.33
958	12/23/2007 12:16	8.94	46.247	29.77	8.64	7.92	10.6	3.22
959	12/23/2007 12:31	8.93	46.038	29.62	8.66	7.93	10.4	3.07

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
960	12/23/2007 12:46	8.92	46.746	30.13	8.63	7.92	10.1	2.92
961	12/23/2007 13:01	8.8	45.397	29.16	8.65	7.91	13.2	2.80
962	12/23/2007 13:16	8.81	46.021	29.6	8.63	7.91	10.3	2.64
963	12/23/2007 13:31	8.84	45.617	29.32	8.68	7.92	8.3	2.49
964	12/23/2007 13:46	8.78	46.08	29.64	8.68	7.91	9.7	2.33
965	12/23/2007 14:01	8.67	45.273	29.06	8.67	7.9	13.6	2.17
966	12/23/2007 14:16	8.77	45.741	29.4	8.67	7.91	12.6	2.02
967	12/23/2007 14:31	8.7	45.746	29.4	8.69	7.9	14.7	1.82
968	12/23/2007 14:46	8.63	45.358	29.12	8.66	7.9	21.6	1.66
969	12/23/2007 15:01	8.62	44.913	28.8	8.7	7.9	19.6	1.47
970	12/23/2007 15:16	8.54	44.014	28.16	8.71	7.88	19.5	1.29
971	12/23/2007 15:31	8.46	44.558	28.54	8.6	7.87	18.7	1.09
972	12/23/2007 15:46	8.43	44.248	28.32	8.6	7.86	19.0	0.89
973	12/23/2007 16:01	8.4	43.583	27.85	8.59	7.85	20.2	0.71
974	12/23/2007 16:16	8.39	43.836	28.03	8.56	7.85	19.1	0.54
975	12/23/2007 16:31	8.39	43.062	27.48	8.56	7.85	16.9	0.38
976	12/23/2007 16:46	8.38	43.125	27.52	8.53	7.85	12.7	0.26
977	12/23/2007 17:01	8.4	42.847	27.33	8.37	7.83	13.0	0.22
978	12/23/2007 17:16	8.35	42.608	27.16	8.56	7.84	12.0	0.25
979	12/23/2007 17:31	8.36	43.447	27.75	8.55	7.85	8.8	0.30
980	12/23/2007 17:46	8.38	42.684	27.21	8.58	7.85	9.8	0.41
981	12/23/2007 18:01	8.37	42.696	27.22	8.57	7.84	9.4	0.50
982	12/23/2007 18:16	8.41	40.359	25.59	8.68	7.81	11.7	0.60
983	12/23/2007 18:31	8.38	43.103	27.51	8.37	7.82	4.2	0.65
984	12/23/2007 18:46	8.39	42.843	27.33	8.44	7.83	7.3	0.70
985	12/23/2007 19:01	8.39	42.023	26.75	8.54	7.83	9.8	0.77
986	12/23/2007 19:16	8.39	41.323	26.26	8.61	7.82	9.2	0.83
987	12/23/2007 19:31	8.4	40.925	25.98	8.66	7.8	9.8	0.92
988	12/23/2007 19:46	8.39	43.357	27.69	8.53	7.83	9.8	1.02
989	12/23/2007 20:01	8.39	42.514	27.1	8.6	7.83	11.7	1.15
990	12/23/2007 20:16	8.4	42.44	27.04	8.62	7.83	11.0	1.27
991	12/23/2007 20:31	8.44	42.409	27.02	8.65	7.83	10.8	1.38
992	12/23/2007 20:46	8.49	43.633	27.89	8.61	7.85	11.8	1.52
993	12/23/2007 21:01	8.52	43.306	27.66	8.63	7.86	13.1	1.64
994	12/23/2007 21:16	8.52	43.796	28.01	8.6	7.85	13.8	1.77
995	12/23/2007 21:31	8.54	43.846	28.04	8.6	7.86	18.1	1.91
996	12/23/2007 21:46	8.6	44.294	28.36	8.6	7.87	19.2	2.04
997	12/23/2007 22:01	8.65	45.102	28.94	8.59	7.88	19.7	2.16
998	12/23/2007 22:16	8.69	45.28	29.07	8.59	7.88	24.8	2.26
999	12/23/2007 22:31	8.75	45.257	29.06	8.62	7.89	28.2	2.34
1000	12/23/2007 22:46	8.81	44.853	28.77	8.67	7.9	31.2	2.44
1001	12/23/2007 23:01	8.93	45.911	29.53	8.74	7.91	25.5	2.52
1002	12/23/2007 23:16	9.02	46.626	30.05	8.75	7.92	26.4	2.59
1003	12/23/2007 23:31	9.09	46.327	29.84	8.75	7.93	19.5	2.67
1004	12/23/2007 23:46	9.11	46.916	30.26	8.73	7.93	15.3	2.74
1005	12/24/2007 00:01	9.14	46.383	29.88	8.72	7.92	11.2	2.76
1006	12/24/2007 00:16	9.13	46.077	29.67	8.7	7.92	9.2	2.80
1007	12/24/2007 00:31	9.18	47.053	30.37	8.64	7.9	7.2	2.84

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1008	12/24/2007 00:46	9.14	46.423	29.91	8.69	7.93	10.8	2.83
1009	12/24/2007 01:01	9.16	46.462	29.94	8.69	7.92	13.3	2.81
1010	12/24/2007 01:16	9.01	46.016	29.61	8.72	7.92	20.0	2.80
1011	12/24/2007 01:31	8.87	45.065	28.93	8.78	7.91	25.0	2.74
1012	12/24/2007 01:46	8.95	45.128	28.98	8.77	7.91	33.1	2.67
1013	12/24/2007 02:01	8.88	45.458	29.21	8.73	7.91	22.8	2.59
1014	12/24/2007 02:16	8.86	45.576	29.29	8.73	7.91	23.8	2.52
1015	12/24/2007 02:31	8.82	44.835	28.76	8.74	7.9	22.5	2.44
1016	12/24/2007 02:46	8.74	45.056	28.91	8.71	7.89	22.5	2.36
1017	12/24/2007 03:01	8.66	44.113	28.24	8.71	7.88	26.3	2.29
1018	12/24/2007 03:16	8.64	43.879	28.07	8.71	7.88	24.0	2.23
1019	12/24/2007 03:31	8.57	43.774	27.99	8.7	7.87	23.3	2.16
1020	12/24/2007 03:46	8.55	43.705	27.94	8.68	7.86	24.7	2.10
1021	12/24/2007 04:01	8.54	43.217	27.6	8.68	7.85	22.7	2.07
1022	12/24/2007 04:16	8.53	43.158	27.56	8.67	7.85	23.5	2.00
1023	12/24/2007 04:31	8.51	43.289	27.65	8.66	7.85	23.0	1.97
1024	12/24/2007 04:46	8.51	43.859	28.05	8.6	7.85	16.4	1.96
1025	12/24/2007 05:01	8.56	43.393	27.72	8.41	7.84	11.9	1.95
1026	12/24/2007 05:16	8.52	43.452	27.76	8.51	7.84	13.9	1.92
1027	12/24/2007 05:31	8.48	43.876	28.06	8.65	7.85	18.3	1.95
1028	12/24/2007 05:46	8.54	43.635	27.89	8.67	7.86	18.6	1.98
1029	12/24/2007 06:01	8.56	43.856	28.05	8.66	7.86	21.0	2.04
1030	12/24/2007 06:16	8.55	43.44	27.76	8.7	7.86	21.0	2.09
1031	12/24/2007 06:31	8.59	44.354	28.41	8.66	7.86	19.2	2.18
1032	12/24/2007 06:46	8.61	43.943	28.12	8.7	7.87	20.1	2.25
1033	12/24/2007 07:01	8.72	44.615	28.6	8.69	7.88	23.7	2.32
1034	12/24/2007 07:16	8.75	44.134	28.26	8.74	7.89	18.7	2.39
1035	12/24/2007 07:31	8.79	44.619	28.61	8.74	7.89	18.2	2.49
1036	12/24/2007 07:46	8.81	44.777	28.72	8.77	7.9	19.8	2.58
1037	12/24/2007 08:01	8.97	45.575	29.3	8.74	7.92	18.8	2.66
1038	12/24/2007 08:16	9.1	46.33	29.84	8.72	7.93	29.9	2.78
1039	12/24/2007 08:31	9.15	46.362	29.87	8.73	7.93	25.8	2.87
1040	12/24/2007 08:46	9.18	46.365	29.87	8.74	7.93	24.8	2.94
1041	12/24/2007 09:01	9.2	46.335	29.85	8.87	7.94	25.8	3.08
1042	12/24/2007 09:16	9.25	46.853	30.23	8.75	7.92	24.5	3.18
1043	12/24/2007 09:31	9.3	47.687	30.83	8.72	7.93	20.1	3.28
1044	12/24/2007 09:46	9.36	47.334	30.58	8.74	7.93	23.0	3.37
1045	12/24/2007 10:01	9.42	48.025	31.08	8.67	7.94	18.6	3.47
1046	12/24/2007 10:16	9.46	47.984	31.05	8.73	7.94	18.1	3.54
1047	12/24/2007 10:31	9.48	47.868	30.97	8.71	7.94	11.8	3.60
1048	12/24/2007 10:46	9.49	48.351	31.32	8.71	7.94	11.4	3.67
1049	12/24/2007 11:01	9.49	48.372	31.33	8.63	7.94	8.1	3.72
1050	12/24/2007 11:16	9.41	47.955	31.03	8.66	7.93	9.8	3.73
1051	12/24/2007 11:31	9.48	47.742	30.88	8.71	7.94	10.4	3.75
1052	12/24/2007 11:46	9.51	48.202	31.21	8.68	7.94	11.7	3.69
1053	12/24/2007 12:01	9.52	47.562	30.75	8.74	7.94	33.2	3.62
1054	12/24/2007 12:16	9.54	48.486	31.42	8.72	7.94	22.6	3.54
1055	12/24/2007 12:31	9.57	47.908	31.01	8.75	7.94	23.8	3.45

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
1056	12/24/2007 12:46	9.57	47.859	30.97	8.75	7.94	37.4	3.33
1057	12/24/2007 13:01	9.45	46.795	30.2	8.77	7.92	28.6	3.22
1058	12/24/2007 13:16	9.34	46.85	30.23	8.72	7.91	27.9	3.06
1059	12/24/2007 13:31	9.34	46.915	30.28	8.7	7.91	36.8	2.94
1060	12/24/2007 13:46	9.31	45.993	29.62	8.74	7.9	36.3	2.81
1061	12/24/2007 14:01	9.27	46.023	29.64	8.75	7.9	35.4	2.68
1062	12/24/2007 14:16	9.19	46.239	29.79	8.74	7.91	38.0	2.55
1063	12/24/2007 14:31	9.19	45.187	29.04	8.78	7.91	43.0	2.39
1064	12/24/2007 14:46	9.28	45.72	29.42	8.78	7.9	41.1	2.20
1065	12/24/2007 15:01	9.06	44.986	28.89	8.89	7.91	48.9	2.03
1066	12/24/2007 15:16	8.96	44.275	28.37	8.94	7.91	56.3	1.88
1067	12/24/2007 15:31	8.93	45.091	28.95	8.96	7.91	65.3	1.70
1068	12/24/2007 15:46	8.85	43.834	28.06	8.93	7.9	73.4	1.52
1069	12/24/2007 16:01	8.82	43.706	27.96	8.94	7.9	76.0	1.35
1070	12/24/2007 16:16	8.79	44.493	28.52	8.87	7.89	73.1	1.14
1071	12/24/2007 16:31	8.77	43.763	28	8.86	7.87	69.6	0.94
1072	12/24/2007 16:46	8.72	42.999	27.46	8.89	7.87	72.3	0.75
1073	12/24/2007 17:01	8.67	42.625	27.19	8.91	7.86	78.9	0.58
1074	12/24/2007 17:16	8.64	43.234	27.62	8.84	7.85	64.0	0.40
1075	12/24/2007 17:31	8.6	43.284	27.65	8.86	7.85	57.1	0.29
1076	12/24/2007 17:46	8.57	43.205	27.59	8.85	7.85	47.2	0.19
1077	12/24/2007 18:01	8.58	42.138	26.84	8.9	7.85	31.7	0.19
1078	12/24/2007 18:16	8.58	42.419	27.04	8.91	7.84	28.0	0.23
1079	12/24/2007 18:31	8.53	42.623	27.18	8.9	7.83	25.5	0.35
1080	12/24/2007 18:46	8.52	41.739	26.56	8.9	7.83	26.1	0.46
1081	12/24/2007 19:01	8.55	42.175	26.87	8.85	7.83	29.9	0.50
1082	12/24/2007 19:16	8.51	42.742	27.26	8.75	7.83	18.1	0.56
1083	12/24/2007 19:31	8.52	42.631	27.19	8.75	7.83	19.8	0.64
1084	12/24/2007 19:46	8.49	42.296	26.95	8.86	7.82	24.9	0.68
1085	12/24/2007 20:01	8.46	39.982	25.33	9.04	7.81	26.6	0.78
1086	12/24/2007 20:16	8.57	42.357	27	8.83	7.82	27.5	0.87
1087	12/24/2007 20:31	8.57	42.389	27.02	8.85	7.82	25.5	0.96
1088	12/24/2007 20:46	8.62	42.494	27.1	8.84	7.83	27.3	1.10
1089	12/24/2007 21:01	8.65	41.833	26.63	8.86	7.83	25.0	1.17
1090	12/24/2007 21:16	8.8	43.231	27.63	8.84	7.86	25.2	1.32
1091	12/24/2007 21:31	8.78	41.961	26.73	8.93	7.85	27.8	1.46
1092	12/24/2007 21:46	8.79	42.307	26.98	8.91	7.85	27.9	1.58
1093	12/24/2007 22:01	8.76	40.715	25.86	9.02	7.84	24.5	1.70
1094	12/24/2007 22:16	8.87	43.25	27.64	8.87	7.87	32.6	1.81
1095	12/24/2007 22:31	8.87	43.894	28.1	8.85	7.87	44.3	1.96
1096	12/24/2007 22:46	8.81	43.438	27.77	8.9	7.88	44.9	2.09
1097	12/24/2007 23:01	8.83	43.296	27.67	8.9	7.88	49.1	2.19
1098	12/24/2007 23:16	8.85	43.464	27.79	8.89	7.89	71.1	2.28
1099	12/24/2007 23:31	8.91	43.812	28.04	8.89	7.9	69.9	2.38
1100	12/24/2007 23:46	8.95	44.213	28.33	8.94	7.91	58.8	2.46
1101	12/25/2007 00:01	9.03	46.014	29.61	8.98	7.93	77.6	2.54
1102	12/25/2007 00:16	9.11	46.313	29.83	9.07	7.95	55.0	2.62
1103	12/25/2007 00:31	9.19	46.478	29.96	9.14	7.96	52.4	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
1104	12/25/2007 00:46	9.25	46.619	30.06	9.18	7.96	23.4	2.72
1105	12/25/2007 01:01	9.25	47.554	30.73	9.13	7.97	19.8	2.79
1106	12/25/2007 01:16	9.3	47.611	30.77	9.14	7.96	14.7	2.83
1107	12/25/2007 01:31	9.28	47.032	30.36	9.16	7.97	14.8	2.86
1108	12/25/2007 01:46	9.29	47.159	30.45	9.14	7.96	14.2	2.85
1109	12/25/2007 02:01	9.26	47.009	30.34	9.14	7.96	17.0	2.80
1110	12/25/2007 02:16	9.33	47.525	30.71	9.18	7.94	15.9	2.76
1111	12/25/2007 02:31	9.27	47.071	30.39	9.18	7.97	18.0	2.75
1112	12/25/2007 02:46	9.11	47.077	30.38	9.05	7.95	21.5	2.64
1113	12/25/2007 03:01	8.94	45.267	29.08	9.07	7.93	44.2	2.56
1114	12/25/2007 03:16	8.93	45.293	29.09	8.97	7.93	31.3	2.47
1115	12/25/2007 03:31	8.71	44.356	28.42	8.91	7.9	22.5	2.42
1116	12/25/2007 03:46	8.57	44.113	28.23	8.88	7.89	20.2	2.33
1117	12/25/2007 04:01	8.51	44.776	28.7	8.89	7.89	19.7	2.23
1118	12/25/2007 04:16	8.41	43.335	27.67	8.93	7.88	25.4	2.15
1119	12/25/2007 04:31	8.33	43.519	27.8	8.89	7.87	20.1	2.09
1120	12/25/2007 04:46	8.3	42.769	27.27	8.91	7.87	20.1	2.03
1121	12/25/2007 05:01	8.24	43.003	27.43	8.88	7.86	17.2	1.97
1122	12/25/2007 05:16	8.19	43.487	27.77	8.85	7.86	15.0	1.92
1123	12/25/2007 05:31	8.16	42.575	27.12	8.88	7.86	13.9	1.89
1124	12/25/2007 05:46	8.11	42.485	27.06	8.87	7.85	12.5	1.85
1125	12/25/2007 06:01	8.33	42.94	27.39	8.77	7.86	26.1	1.84
1126	12/25/2007 06:16	8.25	43.624	27.87	8.73	7.86	15.2	1.82
1127	12/25/2007 06:31	8.01	42.437	27.01	8.84	7.85	12.2	1.85
1128	12/25/2007 06:46	8.26	43.203	27.57	8.82	7.86	17.6	1.92
1129	12/25/2007 07:01	8.26	43.832	28.01	8.84	7.87	20.6	1.94
1130	12/25/2007 07:16	8.07	43.397	27.69	8.9	7.86	18.4	2.02
1131	12/25/2007 07:31	8.43	43.023	27.46	8.92	7.88	22.0	2.10
1132	12/25/2007 07:46	8.57	44.156	28.26	8.93	7.9	19.5	2.17
1133	12/25/2007 08:01	8.58	44.749	28.68	8.95	7.9	18.8	2.28
1134	12/25/2007 08:16	8.54	43.808	28.02	8.98	7.9	19.7	2.36
1135	12/25/2007 08:31	8.61	44.45	28.47	9.01	7.91	26.6	2.47
1136	12/25/2007 08:46	8.59	44.56	28.55	9.06	7.92	78.9	2.54
1137	12/25/2007 09:01	8.73	45.372	29.14	9.06	7.93	18.0	2.63
1138	12/25/2007 09:16	9.01	47.178	30.44	9.13	7.95	34.6	2.72
1139	12/25/2007 09:31	8.96	46.39	29.88	9.03	7.95	31.5	2.82
1140	12/25/2007 09:46	9	46.888	30.24	9.1	7.95	32.9	2.93
1141	12/25/2007 10:01	9.04	47.195	30.46	9.08	7.96	39.2	3.01
1142	12/25/2007 10:16	9.1	47.747	30.86	9.05	7.97	29.8	3.09
1143	12/25/2007 10:31	9.14	48.464	31.37	9.02	7.97	25.3	3.21
1144	12/25/2007 10:46	9.18	48.244	31.22	8.95	7.97	23.7	3.31
1145	12/25/2007 11:01	9.22	48.259	31.23	8.94	7.97	18.6	3.39
1146	12/25/2007 11:16	9.24	49.328	32	8.85	7.96	17.8	3.46
1147	12/25/2007 11:31	9.27	48.765	31.6	8.87	7.96	13.9	3.54
1148	12/25/2007 11:46	9.29	48.838	31.65	8.89	7.96	11.8	3.57
1149	12/25/2007 12:01	9.3	48.797	31.63	8.79	7.96	6.6	3.58
1150	12/25/2007 12:16	9.29	48.843	31.66	8.88	7.96	10.7	3.61
1151	12/25/2007 12:31	9.3	49.87	32.4	8.84	7.94	10.9	3.60

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
1152	12/25/2007 12:46	9.3	48.742	31.58	8.89	7.94	14.4	3.52
1153	12/25/2007 13:01	9.25	48.744	31.58	8.87	7.96	15.0	3.48
1154	12/25/2007 13:16	9.19	47.895	30.97	8.99	7.96	12.1	3.39
1155	12/25/2007 13:31	9.08	47.024	30.34	9	7.96	12.9	3.26
1156	12/25/2007 13:46	9.06	47.085	30.38	8.98	7.95	13.0	3.14
1157	12/25/2007 14:01	9.01	46.335	29.84	9.02	7.95	24.5	3.01
1158	12/25/2007 14:16	8.94	45.577	29.3	9.05	7.94	17.6	2.88
1159	12/25/2007 14:31	8.96	46.795	30.17	9	7.94	11.9	2.72
1160	12/25/2007 14:46	8.88	45.375	29.15	9.05	7.93	17.8	2.59
1161	12/25/2007 15:01	8.88	46.128	29.68	9	7.94	12.6	2.44
1162	12/25/2007 15:16	8.76	44.909	28.81	9.02	7.92	17.7	2.30
1163	12/25/2007 15:31	8.8	45.91	29.52	9	7.93	13.0	2.13
1164	12/25/2007 15:46	8.65	44.357	28.41	9	7.91	15.1	1.97
1165	12/25/2007 16:01	8.53	43.834	28.03	8.98	7.9	19.3	1.81
1166	12/25/2007 16:16	8.42	43.526	27.81	8.97	7.89	20.7	1.64
1167	12/25/2007 16:31	8.31	43.161	27.54	8.96	7.88	27.0	1.46
1168	12/25/2007 16:46	8.28	43.137	27.53	8.93	7.87	28.2	1.29
1169	12/25/2007 17:01	8.21	42.774	27.26	8.91	7.86	30.1	1.11
1170	12/25/2007 17:16	8.13	42.878	27.33	8.89	7.85	29.2	0.94
1171	12/25/2007 17:31	8.06	42.212	26.86	8.9	7.85	26.7	0.75
1172	12/25/2007 17:46	7.97	41.943	26.67	8.91	7.84	25.7	0.58
1173	12/25/2007 18:01	7.86	42.653	27.15	8.87	7.83	24.3	0.40
1174	12/25/2007 18:16	7.79	42.458	27.01	8.86	7.83	18.3	0.27
1175	12/25/2007 18:31	7.73	42.383	26.96	8.79	7.82	13.3	0.22
1176	12/25/2007 18:46	7.82	41.696	26.48	8.86	7.83	12.7	0.22
1177	12/25/2007 19:01	7.87	41.91	26.63	8.88	7.83	14.6	0.27
1178	12/25/2007 19:16	7.92	42.245	26.87	8.87	7.84	13.5	0.38
1179	12/25/2007 19:31	7.92	42.095	26.77	8.8	7.83	11.0	0.43
1180	12/25/2007 19:46	7.83	40.114	25.38	9.03	7.82	12.7	0.53
1181	12/25/2007 20:01	7.93	41.443	26.31	8.87	7.83	10.6	0.61
1182	12/25/2007 20:16	7.98	42.349	26.95	8.78	7.83	10.0	0.65
1183	12/25/2007 20:31	7.98	41.979	26.69	8.83	7.83	11.2	0.75
1184	12/25/2007 20:46	7.97	40.951	25.97	8.95	7.83	10.5	0.82
1185	12/25/2007 21:01	8.03	41.611	26.44	8.88	7.83	10.1	0.89
1186	12/25/2007 21:16	8.08	42.17	26.83	8.86	7.83	12.2	1.00
1187	12/25/2007 21:31	8.08	41.821	26.59	8.92	7.84	12.3	1.11
1188	12/25/2007 21:46	8.08	41.452	26.33	8.93	7.83	12.8	1.23
1189	12/25/2007 22:01	8.16	41.712	26.52	8.97	7.85	15.4	1.37
1190	12/25/2007 22:16	8.2	41.91	26.66	9.03	7.85	14.2	1.47
1191	12/25/2007 22:31	8.4	42.877	27.35	8.99	7.88	15.2	1.61
1192	12/25/2007 22:46	8.34	42.97	27.41	8.98	7.88	18.7	1.75
1193	12/25/2007 23:01	8.37	43.32	27.66	8.97	7.88	20.0	1.86
1194	12/25/2007 23:16	8.46	43.45	27.76	8.97	7.89	21.9	1.99
1195	12/25/2007 23:31	8.49	43.848	28.04	8.97	7.89	24.7	2.09
1196	12/25/2007 23:46	8.5	43.849	28.04	9.01	7.9	26.2	2.21
1197	12/26/2007 00:01	8.57	44.292	28.36	9.01	7.91	30.5	2.31
1198	12/26/2007 00:16	8.63	44.882	28.78	8.99	7.91	27.6	2.39
1199	12/26/2007 00:31	8.75	45.528	29.25	9.03	7.93	26.1	2.48

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
1200	12/26/2007 00:46	8.81	46.467	29.92	9	7.93	25.3	2.55
1201	12/26/2007 01:01	8.86	46.76	30.13	8.99	7.94	22.5	2.64
1202	12/26/2007 01:16	8.9	47.131	30.4	8.97	7.94	19.5	2.71
1203	12/26/2007 01:31	8.93	47.572	30.72	8.92	7.94	14.4	2.76
1204	12/26/2007 01:46	9	47.584	30.73	8.92	7.95	13.7	2.82
1205	12/26/2007 02:01	9.03	47.766	30.87	8.89	7.94	8.5	2.86
1206	12/26/2007 02:16	9.05	48.102	31.11	8.85	7.94	7.9	2.88
1207	12/26/2007 02:31	9.06	48.148	31.14	8.88	7.95	11.1	2.87
1208	12/26/2007 02:46	8.98	47.572	30.72	8.93	7.94	13.7	2.85
1209	12/26/2007 03:01	9.04	47.961	31.01	8.88	7.95	12.3	2.82
1210	12/26/2007 03:16	8.77	46.769	30.13	8.9	7.93	14.7	2.74
1211	12/26/2007 03:31	8.62	45.649	29.33	8.98	7.92	18.5	2.66
1212	12/26/2007 03:46	8.61	45.795	29.43	8.93	7.92	22.0	2.59
1213	12/26/2007 04:01	8.62	45.894	29.5	8.88	7.91	17.2	2.51
1214	12/26/2007 04:16	8.58	46.199	29.71	8.86	7.91	15.1	2.41
1215	12/26/2007 04:31	8.49	45.229	29.02	8.93	7.91	12.5	2.33
1216	12/26/2007 04:46	8.37	45.401	29.13	8.94	7.9	11.8	2.24
1217	12/26/2007 05:01	8.33	44.044	28.17	8.98	7.89	17.3	2.16
1218	12/26/2007 05:16	8.27	44.005	28.14	8.97	7.89	13.6	2.09
1219	12/26/2007 05:31	8.21	43.327	27.65	8.95	7.88	11.5	2.03
1220	12/26/2007 05:46	8.1	43.168	27.53	8.94	7.87	10.7	1.95
1221	12/26/2007 06:01	8.08	43.392	27.69	8.9	7.87	10.4	1.89
1222	12/26/2007 06:16	8.02	42.908	27.35	8.9	7.86	10.1	1.86
1223	12/26/2007 06:31	8.03	42.779	27.26	8.9	7.86	10.3	1.82
1224	12/26/2007 06:46	8.04	43.149	27.52	8.74	7.86	10.2	1.78
1225	12/26/2007 07:01	8.1	43.189	27.55	8.69	7.85	9.4	1.79
1226	12/26/2007 07:16	8.04	43.032	27.43	8.81	7.86	8.9	1.80
1227	12/26/2007 07:31	7.92	43.006	27.41	8.88	7.86	9.7	1.82
1228	12/26/2007 07:46	8.08	43.073	27.47	8.84	7.87	10.9	1.86
1229	12/26/2007 08:01	8.2	43.974	28.11	8.9	7.88	14.2	1.93
1230	12/26/2007 08:16	7.94	43.059	27.45	8.94	7.87	12.3	1.99
1231	12/26/2007 08:31	8.31	44.209	28.28	8.91	7.89	13.1	2.07
1232	12/26/2007 08:46	8.41	44.687	28.63	8.91	7.9	12.9	2.17
1233	12/26/2007 09:01	8.33	44.461	28.46	8.93	7.89	11.8	2.24
1234	12/26/2007 09:16	8.32	44.651	28.6	8.93	7.9	12.5	2.33
1235	12/26/2007 09:31	8.43	45.355	29.1	8.93	7.91	14.9	2.41
1236	12/26/2007 09:46	8.49	45.528	29.23	8.95	7.91	12.9	2.50
1237	12/26/2007 10:01	8.6	45.714	29.37	8.95	7.92	11.3	2.58
1238	12/26/2007 10:16	8.81	47.083	30.36	8.88	7.93	17.6	2.66
1239	12/26/2007 10:31	8.83	46.688	30.08	8.92	7.94	18.0	2.75
1240	12/26/2007 10:46	8.85	46.717	30.1	8.92	7.94	17.2	2.87
1241	12/26/2007 11:01	8.88	47.194	30.45	8.91	7.94	16.2	2.94
1242	12/26/2007 11:16	8.91	47.243	30.48	8.91	7.94	17.5	3.03
1243	12/26/2007 11:31	8.94	47.381	30.58	8.89	7.94	13.7	3.10
1244	12/26/2007 11:46	8.98	48.202	31.17	8.87	7.95	13.4	3.21
1245	12/26/2007 12:01	9.04	48.738	31.56	8.82	7.95	9.8	3.25
1246	12/26/2007 12:16	9.09	48.258	31.22	8.85	7.95	11.4	3.30
1247	12/26/2007 12:31	9.12	49.115	31.84	8.78	7.95	8.9	3.34

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
1248	12/26/2007 12:46	9.14	48.549	31.43	8.77	7.95	8.6	3.37
1249	12/26/2007 13:01	9.14	48.523	31.42	8.72	7.95	4.8	3.38
1250	12/26/2007 13:16	9.12	48.754	31.58	8.78	7.95	7.8	3.37
1251	12/26/2007 13:31	9.13	48.441	31.36	8.78	7.95	8.6	3.34
1252	12/26/2007 13:46	9.06	47.999	31.03	8.79	7.95	7.5	3.30
1253	12/26/2007 14:01	9	47.535	30.7	8.92	7.95	14.5	3.24
1254	12/26/2007 14:16	9.01	47.737	30.84	8.91	7.95	16.9	3.10
1255	12/26/2007 14:31	8.97	47.684	30.8	8.91	7.94	16.3	3.02
1256	12/26/2007 14:46	8.87	46.598	30.02	8.94	7.94	14.2	2.90
1257	12/26/2007 15:01	8.85	46.847	30.2	8.94	7.94	12.9	2.79
1258	12/26/2007 15:16	8.8	46.318	29.81	8.97	7.93	14.9	2.64
1259	12/26/2007 15:31	8.7	45.937	29.54	8.98	7.93	14.8	2.52
1260	12/26/2007 15:46	8.66	45.35	29.12	9.02	7.92	12.1	2.39
1261	12/26/2007 16:01	8.7	46.232	29.75	8.99	7.93	10.7	2.23
1262	12/26/2007 16:16	8.47	44.422	28.44	9.1	7.91	12.7	2.10
1263	12/26/2007 16:31	8.39	44.076	28.19	9.08	7.91	16.1	1.96
1264	12/26/2007 16:46	8.37	44.463	28.47	9.05	7.91	16.2	1.81
1265	12/26/2007 17:01	8.23	43.819	28	9.08	7.9	21.2	1.66
1266	12/26/2007 17:16	8.14	44.173	28.25	9.06	7.9	22.8	1.49
1267	12/26/2007 17:31	8.03	43.679	27.89	9.06	7.89	24.4	1.32
1268	12/26/2007 17:46	7.97	43.141	27.51	9.06	7.88	24.2	1.17
1269	12/26/2007 18:01	7.92	42.86	27.3	9.06	7.87	24.6	0.97
1270	12/26/2007 18:16	7.83	42.39	26.97	9.09	7.87	23.0	0.82
1271	12/26/2007 18:31	7.81	42.869	27.3	9.06	7.86	18.7	0.70
1272	12/26/2007 18:46	7.73	42.096	26.76	9.09	7.86	24.2	0.54
1273	12/26/2007 19:01	7.56	41.724	26.48	9.13	7.85	14.7	0.44
1274	12/26/2007 19:16	7.48	41.665	26.44	9.1	7.84	10.5	0.37
1275	12/26/2007 19:31	7.44	41.623	26.4	9.01	7.84	10.3	0.37
1276	12/26/2007 19:46	7.49	41.767	26.51	9.05	7.84	12.9	0.41
1277	12/26/2007 20:01	7.5	41.88	26.59	9.09	7.85	13.4	0.50
1278	12/26/2007 20:16	7.59	42.174	26.8	9.08	7.85	11.9	0.58
1279	12/26/2007 20:31	7.4	40.167	25.39	9.25	7.83	11.5	0.67
1280	12/26/2007 20:46	7.57	41.086	26.04	9.11	7.84	9.1	0.74
1281	12/26/2007 21:01	7.6	41.235	26.14	9.1	7.84	11.2	0.79
1282	12/26/2007 21:16	7.64	41.525	26.35	9.11	7.84	10.1	0.86
1283	12/26/2007 21:31	7.69	42.008	26.69	9.05	7.85	9.5	0.93
1284	12/26/2007 21:46	7.74	41.847	26.58	9.06	7.85	9.3	1.01
1285	12/26/2007 22:01	7.8	41.821	26.57	9.07	7.85	9.7	1.09
1286	12/26/2007 22:16	7.82	41.675	26.47	9.11	7.85	10.3	1.21
1287	12/26/2007 22:31	7.87	41.788	26.55	9.11	7.85	11.1	1.30
1288	12/26/2007 22:46	7.91	41.639	26.45	9.15	7.86	11.8	1.45
1289	12/26/2007 23:01	7.95	41.876	26.62	9.15	7.86	12.3	1.54
1290	12/26/2007 23:16	8.18	43.155	27.53	9.05	7.88	15.6	1.70
1291	12/26/2007 23:31	8.18	43.411	27.71	9.04	7.88	16.9	1.81
1292	12/26/2007 23:46	8.17	43.272	27.61	9.06	7.88	15.7	1.92
1293	12/27/2007 00:01	8.27	44.247	28.31	9.01	7.89	18.5	2.05
1294	12/27/2007 00:16	8.25	44.013	28.14	9.04	7.89	20.1	2.16
1295	12/27/2007 00:31	8.3	44.397	28.42	9.04	7.9	22.6	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
1296	12/27/2007 00:46	8.36	44.649	28.6	9.04	7.91	23.8	2.35
1297	12/27/2007 01:01	8.43	45.375	29.12	9.02	7.92	24.3	2.43
1298	12/27/2007 01:16	8.52	46.218	29.72	9.03	7.92	23.9	2.52
1299	12/27/2007 01:31	8.64	46.467	29.91	9.08	7.93	24.9	2.62
1300	12/27/2007 01:46	8.71	47.308	30.51	9.1	7.94	23.6	2.66
1301	12/27/2007 02:01	8.79	47.645	30.76	9.12	7.95	19.9	2.74
1302	12/27/2007 02:16	8.83	48.092	31.08	9.07	7.95	13.8	2.79
1303	12/27/2007 02:31	8.88	47.93	30.97	9.11	7.95	17.5	2.85
1304	12/27/2007 02:46	8.93	48.546	31.42	9.07	7.95	11.9	2.88
1305	12/27/2007 03:01	8.93	48.198	31.17	9.03	7.95	8.3	2.88
1306	12/27/2007 03:16	8.93	48.309	31.25	9.08	7.96	10.9	2.89
1307	12/27/2007 03:31	8.8	47.462	30.63	9.1	7.95	10.8	2.90
1308	12/27/2007 03:46	8.92	48.097	31.09	9.08	7.96	11.7	2.82
1309	12/27/2007 04:01	8.05	45.474	29.16	9.08	7.91	13.8	2.78
1310	12/27/2007 04:16	8.21	45.829	29.42	9.08	7.92	11.1	2.69
1311	12/27/2007 04:31	8.34	46.239	29.72	9.07	7.92	14.0	2.59
1312	12/27/2007 04:46	8.4	46.09	29.62	9.03	7.92	13.3	2.51
1313	12/27/2007 05:01	8.14	45.196	28.97	8.96	7.9	12.3	2.42
1314	12/27/2007 05:16	8.11	45.475	29.16	8.98	7.9	11.3	2.35
1315	12/27/2007 05:31	8.02	45.18	28.95	8.99	7.9	9.8	2.29
1316	12/27/2007 05:46	7.89	44.456	28.43	9.03	7.89	10.8	2.14
1317	12/27/2007 06:01	7.8	44.145	28.2	9.04	7.89	11.8	2.09
1318	12/27/2007 06:16	7.73	44.152	28.2	9.02	7.88	10.2	2.02
1319	12/27/2007 06:31	7.62	44.022	28.1	9.02	7.87	8.6	2.01
1320	12/27/2007 06:46	7.58	43.638	27.83	9.04	7.87	8.6	1.91
1321	12/27/2007 07:01	7.56	43.601	27.8	9.02	7.87	9.0	1.86
1322	12/27/2007 07:16	7.54	43.179	27.5	9.01	7.87	9.0	1.81
1323	12/27/2007 07:31	7.53	43.416	27.67	8.96	7.86	8.2	1.80
1324	12/27/2007 07:46	7.61	43.305	27.59	8.94	7.87	8.7	1.76
1325	12/27/2007 08:01	7.6	43.407	27.67	8.9	7.86	5.3	1.73
1326	12/27/2007 08:16	7.32	43.244	27.53	8.97	7.85	8.1	1.77
1327	12/27/2007 08:31	7.59	43.341	27.62	8.94	7.87	8.2	1.80
1328	12/27/2007 08:46	7.71	43.615	27.82	8.99	7.88	9.0	1.87
1329	12/27/2007 09:01	7.66	44.001	28.09	9.01	7.88	8.9	1.90
1330	12/27/2007 09:16	7.43	43.434	27.67	9.07	7.86	9.5	1.98
1331	12/27/2007 09:31	7.69	43.589	27.8	9.06	7.88	11.1	2.04
1332	12/27/2007 09:46	8.06	44.83	28.7	9.02	7.9	10.6	2.13
1333	12/27/2007 10:01	7.95	44.536	28.49	9.03	7.9	9.5	2.18
1334	12/27/2007 10:16	8.05	45.109	28.9	9.02	7.9	11.0	2.28
1335	12/27/2007 10:31	8.2	45.845	29.43	9.01	7.91	12.3	2.35
1336	12/27/2007 10:46	8.19	45.96	29.51	9.04	7.92	10.0	2.42
1337	12/27/2007 11:01	8.25	45.888	29.47	9.07	7.92	9.6	2.53
1338	12/27/2007 11:16	8.42	46.823	30.15	9.03	7.93	11.1	2.57
1339	12/27/2007 11:31	8.51	46.977	30.26	9.04	7.94	13.3	2.68
1340	12/27/2007 11:46	8.52	47.203	30.42	9.04	7.94	14.5	2.74
1341	12/27/2007 12:01	8.56	47.171	30.4	9.04	7.94	13.2	2.83
1342	12/27/2007 12:16	8.61	47.721	30.8	9.03	7.95	14.9	2.91
1343	12/27/2007 12:31	8.67	47.995	31	9	7.95	12.0	2.97

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
1344	12/27/2007 12:46	8.7	48.053	31.05	8.98	7.95	10.4	3.00
1345	12/27/2007 13:01	8.77	48.523	31.39	8.93	7.95	11.8	3.09
1346	12/27/2007 13:16	8.81	48.548	31.41	8.89	7.95	10.3	3.12
1347	12/27/2007 13:31	8.85	48.632	31.47	8.87	7.95	6.5	3.17
1348	12/27/2007 13:46	8.86	48.787	31.59	8.8	7.95	6.8	3.16
1349	12/27/2007 14:01	8.85	48.749	31.56	8.89	7.96	10.1	3.18
1350	12/27/2007 14:16	8.88	48.965	31.71	8.87	7.96	10.9	3.14
1351	12/27/2007 14:31	8.81	48.604	31.45	8.86	7.95	9.0	3.10
1352	12/27/2007 14:46	8.38	46.907	30.2	9.06	7.94	9.5	3.04
1353	12/27/2007 15:01	8.4	47.318	30.5	9.06	7.94	8.9	2.97
1354	12/27/2007 15:16	8.31	47	30.26	9.08	7.94	9.3	2.84
1355	12/27/2007 15:31	8.41	46.944	30.23	9.03	7.94	16.9	2.74
1356	12/27/2007 15:46	8.11	45.789	29.39	9.12	7.93	10.4	2.67
1357	12/27/2007 16:01	8.09	45.955	29.5	9.11	7.93	10.0	2.52
1358	12/27/2007 16:16	8.06	45.849	29.43	9.12	7.92	9.8	2.40
1359	12/27/2007 16:31	7.86	44.801	28.67	9.16	7.91	12.9	2.28
1360	12/27/2007 16:46	7.84	44.998	28.8	9.15	7.91	14.5	2.16
1361	12/27/2007 17:01	7.8	45.062	28.85	9.14	7.91	13.1	2.02
1362	12/27/2007 17:16	7.72	44.8	28.66	9.16	7.91	14.4	1.91
1363	12/27/2007 17:31	7.54	44.115	28.16	9.22	7.9	16.7	1.77
1364	12/27/2007 17:46	7.48	44.334	28.31	9.19	7.89	16.7	1.65
1365	12/27/2007 18:01	7.43	44.026	28.09	9.2	7.89	20.1	1.50
1366	12/27/2007 18:16	7.37	43.817	27.93	9.2	7.89	25.7	1.35
1367	12/27/2007 18:31	7.24	43.685	27.83	9.23	7.88	26.5	1.20
1368	12/27/2007 18:46	7.18	43.662	27.81	9.23	7.88	30.3	1.09
1369	12/27/2007 19:01	7.14	43.028	27.36	9.25	7.87	30.9	0.95
1370	12/27/2007 19:16	7.09	43.246	27.51	9.26	7.87	36.1	0.81
1371	12/27/2007 19:31	7.06	42.958	27.31	9.26	7.87	37.6	0.74
1372	12/27/2007 19:46	7.04	43.236	27.5	9.25	7.86	37.1	0.64
1373	12/27/2007 20:01	7.02	42.946	27.29	9.24	7.86	26.7	0.60
1374	12/27/2007 20:16	7.02	42.613	27.06	9.19	7.86	26.9	0.57
1375	12/27/2007 20:31	7.03	43.627	27.77	9.23	7.87	21.7	0.61
1376	12/27/2007 20:46	7.05	42.689	27.12	9.29	7.87	24.5	0.67
1377	12/27/2007 21:01	7.09	43.256	27.52	9.23	7.87	23.8	0.72
1378	12/27/2007 21:16	7.04	42.516	27	9.29	7.86	20.7	0.82
1379	12/27/2007 21:31	6.91	40.462	25.55	9.44	7.85	14.4	0.87
1380	12/27/2007 21:46	7.11	42.278	26.83	9.29	7.86	12.2	0.98
1381	12/27/2007 22:01	7.14	42.405	26.93	9.27	7.86	13.9	1.03
1382	12/27/2007 22:16	7.14	42.732	27.15	9.25	7.86	11.7	1.11
1383	12/27/2007 22:31	7.19	42.4	26.93	9.24	7.87	10.8	1.21
1384	12/27/2007 22:46	7.23	42.421	26.94	9.26	7.87	13.2	1.30
1385	12/27/2007 23:01	7.28	42.37	26.91	9.27	7.87	11.2	1.40
1386	12/27/2007 23:16	7.32	42.435	26.96	9.28	7.88	11.8	1.50
1387	12/27/2007 23:31	7.29	41.731	26.47	9.34	7.87	11.4	1.61
1388	12/27/2007 23:46	7.45	43.259	27.55	9.25	7.88	11.4	1.74
1389	12/28/2007 00:01	7.57	43.742	27.9	9.2	7.89	18.7	1.85
1390	12/28/2007 00:16	7.61	44.028	28.1	9.16	7.89	21.0	1.95
1391	12/28/2007 00:31	7.7	44.912	28.73	9.11	7.9	24.6	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
1392	12/28/2007 00:46	7.73	44.822	28.67	9.14	7.9	21.9	2.17
1393	12/28/2007 01:01	7.88	44.89	28.73	9.11	7.91	61.0	2.24
1394	12/28/2007 01:16	7.92	45.53	29.19	9.1	7.92	27.2	2.35
1395	12/28/2007 01:31	8.02	45.539	29.2	9.1	7.92	24.9	2.44
1396	12/28/2007 01:46	8.17	46.217	29.7	9.11	7.93	24.6	2.52
1397	12/28/2007 02:01	8.27	47.24	30.43	9.07	7.94	27.4	2.61
1398	12/28/2007 02:16	8.35	47.522	30.64	9.04	7.94	23.6	2.70
1399	12/28/2007 02:31	8.43	47.966	30.96	8.96	7.94	20.7	2.77
1400	12/28/2007 02:46	8.53	48.237	31.16	8.89	7.94	14.4	2.85
1401	12/28/2007 03:01	8.63	48.206	31.15	8.82	7.94	17.2	2.91
1402	12/28/2007 03:16	8.7	48.383	31.28	8.75	7.94	12.9	2.97
1403	12/28/2007 03:31	8.72	48.657	31.48	8.79	7.93	12.6	2.99
1404	12/28/2007 03:46	8.66	48.334	31.24	8.86	7.93	9.6	3.00
1405	12/28/2007 04:01	8.79	49.308	31.95	8.78	7.94	9.2	2.99
1406	12/28/2007 04:16	8.71	48.694	31.51	8.84	7.94	12.3	2.94
1407	12/28/2007 04:31	8.34	47.411	30.56	8.86	7.93	15.3	2.89
1408	12/28/2007 04:46	8.3	47.004	30.27	8.91	7.93	15.1	2.81
1409	12/28/2007 05:01	8.28	47.472	30.6	8.9	7.93	16.4	2.74
1410	12/28/2007 05:16	8.19	46.937	30.21	8.95	7.92	16.5	2.64
1411	12/28/2007 05:31	8.01	45.887	29.45	8.98	7.91	11.5	2.56
1412	12/28/2007 05:46	8	46.356	29.78	8.98	7.91	11.6	2.48
1413	12/28/2007 06:01	7.93	45.515	29.18	9.02	7.91	11.5	2.37
1414	12/28/2007 06:16	7.92	45.887	29.44	8.99	7.91	10.1	2.30
1415	12/28/2007 06:31	7.74	44.788	28.65	9.06	7.9	11.4	2.23
1416	12/28/2007 06:46	7.77	44.849	28.69	9.03	7.9	10.2	2.14
1417	12/28/2007 07:01	7.61	44.241	28.25	9.05	7.89	8.2	2.09
1418	12/28/2007 07:16	7.6	44.168	28.2	9.04	7.89	8.6	2.01
1419	12/28/2007 07:31	7.52	43.766	27.91	9.06	7.88	8.2	1.94
1420	12/28/2007 07:46	7.51	44.137	28.17	9.03	7.88	8.4	1.88
1421	12/28/2007 08:01	7.5	44.038	28.1	9.02	7.88	8.5	1.85
1422	12/28/2007 08:16	7.45	43.73	27.88	9.02	7.87	7.9	1.78
1423	12/28/2007 08:31	7.45	43.935	28.02	8.99	7.87	7.3	1.76
1424	12/28/2007 08:46	7.52	43.771	27.91	8.9	7.87	7.0	1.75
1425	12/28/2007 09:01	7.53	43.901	28.01	8.93	7.87	6.5	1.74
1426	12/28/2007 09:16	7.41	43.466	27.69	9.01	7.87	6.8	1.77
1427	12/28/2007 09:31	7.5	43.93	28.02	8.98	7.87	7.0	1.77
1428	12/28/2007 09:46	7.58	44	28.08	9.01	7.88	7.6	1.83
1429	12/28/2007 10:01	7.49	43.63	27.81	9.05	7.87	8.4	1.90
1430	12/28/2007 10:16	7.47	43.303	27.58	9.09	7.87	8.5	1.96
1431	12/28/2007 10:31	7.6	44.066	28.13	9.04	7.88	9.3	2.01
1432	12/28/2007 10:46	7.76	44.624	28.54	9.02	7.9	10.0	2.10
1433	12/28/2007 11:01	7.78	44.926	28.75	9.01	7.9	9.1	2.17
1434	12/28/2007 11:16	7.73	44.772	28.64	9.02	7.89	8.2	2.21
1435	12/28/2007 11:31	7.88	45.173	28.93	8.99	7.9	8.9	2.29
1436	12/28/2007 11:46	7.98	45.764	29.36	8.98	7.91	8.4	2.36
1437	12/28/2007 12:01	8.02	46.005	29.53	8.98	7.91	7.7	2.41
1438	12/28/2007 12:16	8.09	46.487	29.88	8.96	7.92	7.9	2.48
1439	12/28/2007 12:31	8.15	46.442	29.85	8.94	7.92	7.2	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
1440	12/28/2007 12:46	8.25	46.697	30.04	8.89	7.92	8.9	2.61
1441	12/28/2007 13:01	8.3	46.904	30.19	8.88	7.92	8.7	2.69
1442	12/28/2007 13:16	8.33	46.969	30.24	8.86	7.92	8.4	2.74
1443	12/28/2007 13:31	8.37	47.301	30.48	8.81	7.93	7.9	2.80
1444	12/28/2007 13:46	8.4	47.285	30.47	8.8	7.93	7.3	2.86
1445	12/28/2007 14:01	8.42	47.288	30.48	8.77	7.92	5.9	2.88
	Mean	8.56	46.55	29.97	8.75	7.89	12.6	2.14
	Standard Dev.	0.42	2.17	1.56	0.32	0.03	9.1	0.75

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	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	48.67	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	47.3	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	46.76	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	46.66	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	44.12	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	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	43.28	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
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	46.53	29.91	9.29	7.76	21.2	2.41

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
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	49.01	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	46.91	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	44.85	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
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	46.52	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

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
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	47.61	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	43.52	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
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	43.79	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

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
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	46.49	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	48.28	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	45.42	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	44.07	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
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	43.53	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	44.47	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

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
192	12/30/2007 14:16	8.08	45.33	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	44.37	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	44.01	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	43.87	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	43.51	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
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	43.54	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

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	
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	48.2	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	
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	

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	
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	44.33	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	45.47	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	46.02	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	
315	12/31/2007 21:01	7.58	43.85	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	43.82	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	43.52	27.73	9.51	7.71	5.3	1.64	
326	12/31/2007 23:46	7.66	44.18	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	44.28	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	44.94	28.76	9.3	7.69	6.0	2.08	

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
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	45.58	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
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	44.66	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	44.19	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

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
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	45.13	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
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	44.38	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	44.33	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

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
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	45.53	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	46.81	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	48.69	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
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	46.31	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	46.07	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	45.55	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	45.37	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	44.35	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

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
480	1/2/2008 14:16	7.63	44.77	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	44.53	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
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	46.31	29.74	9.1	7.69	3.3	2.33
507	1/2/2008 21:01	7.9	46.35	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	45.24	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

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
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
540	1/3/2008 05:16	8.23	47.47	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	48.24	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	47.58	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	45.23	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	44.34	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

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
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	44.25	28.31	9.39	7.71	13.0	1.29
584	1/3/2008 16:16	8.3	43.04	27.46	9.46	7.71	13.0	1.33
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	44.47	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	45.96	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	45.96	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	45.13	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

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
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
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	48.77	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	48.78	31.6	9.2	7.76	8.1	3.29
653	1/4/2008 09:31	9.08	48.71	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	44.87	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	44.7	28.68	9.21	7.73	34.2	1.64

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
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
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	44.48	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	44.46	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	43.16	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	43.96	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	44.48	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	44.48	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	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth 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	42.95	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	43.46	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	43.37	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	43.45	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	43.2	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
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

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
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	41.61	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	41.3	26.25	9.27	7.69	15.4	1.00
776	1/5/2008 16:16	8.54	41.25	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
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

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
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	41.49	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	41.92	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	43.75	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
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

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
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	40.76	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	40.56	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	39.89	25.24	9.46	7.67	26.8	2.01
892	1/6/2008 21:16	8.06	39.88	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
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	41.24	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

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
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	39.68	25.08	9.45	7.66	19.6	2.26
925	1/7/2008 05:31	7.94	39.66	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
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	41.3	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	41.36	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

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
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	40.45	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	39.56	25	9.89	7.69	33.6	1.25
967	1/7/2008 16:01	7.9	39.39	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	39.15	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	39.14	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	38.3	24.12	9.6	7.63	16.2	1.30
983	1/7/2008 20:01	7.93	37.92	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	38.09	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
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	41.07	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	40.04	25.35	9.74	7.7	41.2	2.66

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
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	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	39.66	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	41.79	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
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	42.25	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

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
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	39.78	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
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	37.68	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	37.06	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

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
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
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	44.6	28.64	9.33	7.82	17.4	3.47
1143	1/9/2008 12:01	9.51	44.99	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

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
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	39.53	25.01	9.64	7.7	16.0	1.77
1160	1/9/2008 16:16	8.25	38.95	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	37.76	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
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	37.06	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	38.91	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	39.97	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

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
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
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	40.59	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	41.52	26.47	9.72	7.77	17.3	3.05

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
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	41.3	26.31	9.74	7.76	19.8	2.58
1252	1/10/2008 15:16	9.49	41.04	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
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	38.76	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	38.33	24.2	9.51	7.66	18.0	0.81
1271	1/10/2008 20:01	8.89	38.32	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	37.48	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	39.71	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	43.01	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

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
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
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	39.11	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	39.89	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	41.87	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	43.32	27.66	9.42	7.72	15.8	2.21
Standard Dev.		0.56	2.96	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

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						