

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1421	1/8/2009 4:31	9.51	41.583	26.51	9.53	7.98	5.1	1.871	98.9
1422	1/8/2009 4:46	9.52	41.772	26.64	9.58	8.02	4.5	1.955	99.5
1423	1/8/2009 5:01	9.53	42.284	27	9.61	7.99	4.3	2.039	100.1
1424	1/8/2009 5:16	9.55	42.213	26.95	9.63	8.03	4.7	2.121	100.3
1425	1/8/2009 5:31	9.58	42.787	27.36	9.64	8.04	4.2	2.199	100.8
1426	1/8/2009 5:46	9.64	43.869	28.13	9.6	8.01	4.5	2.288	101
1427	1/8/2009 6:01	9.66	44.341	28.47	9.63	8.05	5.7	2.379	101.5
1428	1/8/2009 6:16	9.67	44.213	28.38	9.62	8.05	4.8	2.45	101.4
1429	1/8/2009 6:31	9.69	44.478	28.56	9.62	8.02	5.1	2.537	101.6
1430	1/8/2009 6:46	9.7	44.458	28.55	9.62	8.02	4.9	2.63	101.6
1431	1/8/2009 7:01	9.71	42.166	26.93	9.73	8.06	5	2.692	101.8
1432	1/8/2009 7:16	9.72	45.487	29.28	9.6	8.06	4.9	2.76	101.9
1433	1/8/2009 7:31	9.73	43.986	28.22	9.63	8.06	4.5	2.829	101.6
1434	1/8/2009 7:46	9.75	44.043	28.26	9.63	8.06	4	2.879	101.6
1435	1/8/2009 8:01	9.76	44.096	28.3	9.62	8.06	3.7	2.911	101.6
1436	1/8/2009 8:16	9.77	44.521	28.6	9.6	8.02	3.6	2.954	101.6
1437	1/8/2009 8:31	9.77	44.29	28.44	9.59	8.06	3.4	2.968	101.4
1438	1/8/2009 8:46	9.77	44.412	28.52	9.49	8.02	3.2	2.958	100.4
1439	1/8/2009 9:01	9.77	44.335	28.47	9.39	8.04	7.9	2.94	99.3
1440	1/8/2009 9:16	9.77	44.299	28.44	9.33	8.04	3.7	2.911	98.6
1441	1/8/2009 9:31	9.76	44.067	28.28	9.24	8.03	3.1	2.849	97.6
1442	1/8/2009 9:46	9.73	44.13	28.32	9.31	8.04	3.6	2.768	98.2
1443	1/8/2009 10:01	9.71	43.561	27.92	9.46	8.04	3.7	2.702	99.5
1444	1/8/2009 10:16	9.7	43.538	27.9	9.49	8	3.7	2.587	99.8
1445	1/8/2009 10:31	9.7	43.29	27.72	9.5	7.99	3.5	2.488	99.8
1446	1/8/2009 10:46	9.7	43.496	27.87	9.45	8.03	3.5	2.378	99.4
1447	1/8/2009 11:01	9.7	43.241	27.69	9.42	8.02	3.6	2.259	98.9
1448	1/8/2009 11:16	9.71	43.062	27.56	9.17	7.98	2.4	2.122	96.3
1449	1/8/2009 11:31	9.71	42.569	27.21	9.13	8.01	3.2	1.977	95.6
1450	1/8/2009 11:46	9.71	42.195	26.95	9.06	7.99	2.7	1.863	94.7
1451	1/8/2009 12:01	9.72	41.801	26.67	8.93	7.95	2.4	1.735	93.2
1452	1/8/2009 12:16	9.73	40.787	25.96	8.85	7.98	2.7	1.58	92
1453	1/8/2009 12:31	9.73	40.52	25.77	8.71	7.97	2.6	1.441	90.4
1454	1/8/2009 12:46	9.74	39.237	24.88	8.76	7.97	3.2	1.304	90.5
1455	1/8/2009 13:01	9.77	39.274	24.9	9.09	7.94	3.9	1.134	93.9
1456	1/8/2009 13:16	9.78	37.652	23.78	9.15	7.94	3.4	0.995	93.9
1457	1/8/2009 13:31	9.8	38.597	24.43	9.14	7.97	3.9	0.823	94.2
1458	1/8/2009 13:46	9.82	37.361	23.58	9.1	7.92	3	0.667	93.4
1459	1/8/2009 14:01	9.85			8.92	7.93	3.7	0.523	91.6
1460	1/8/2009 14:16	9.88			8.07	7.84	6.4	0.37	82.3
1461	1/8/2009 14:31	9.89				7.81	5.2	0.209	79.7
1462	1/8/2009 14:46								
1463	1/8/2009 15:01								
1464	1/8/2009 15:16								
1465	1/8/2009 15:31								
1466	1/8/2009 15:46								
1467	1/8/2009 16:01								
1468	1/8/2009 16:16								
1469	1/8/2009 16:31								

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1470	1/8/2009 16:46	10.17			8	7.81	4.6	0.204	81
1471	1/8/2009 17:01	10.16			8.06	7.84	4.5	0.251	81.9
1472	1/8/2009 17:16	10.14			8.25	7.86	5.5	0.302	83.8
1473	1/8/2009 17:31	10.1	35.174	22.08	9.33	7.97	6.5	0.385	95.4
1474	1/8/2009 17:46	10.09	36.883	23.26	9.73	8.01	6.3	0.456	100.2
1475	1/8/2009 18:01	10.08	37.127	23.43	9.76	8.02	6.4	0.515	100.6
1476	1/8/2009 18:16	10.06	38.846	24.62	9.72	8.02	6.8	0.592	100.9
1477	1/8/2009 18:31	10.06	38.815	24.6	9.66	8.02	6.2	0.686	100.3
1478	1/8/2009 18:46	10.04	38.659	24.49	9.69	8.02	6.5	0.785	100.5
1479	1/8/2009 19:01	10	38.867	24.63	9.66	8.01	6.7	0.889	100.2
1480	1/8/2009 19:16	9.95	39.349	24.97	9.64	8.02	7.3	0.984	100.1
1481	1/8/2009 19:31	9.94	39.572	25.12	9.64	7.9	8.1	1.095	100.1
1482	1/8/2009 19:46	9.91	39.38	24.99	9.64	8.02	7.1	1.204	100
1483	1/8/2009 20:01	9.86	38.962	24.69	9.71	8.03	7.1	1.307	100.4
1484	1/8/2009 20:16	9.84	38.61	24.44	9.72	7.91	5.9	1.398	100.3
1485	1/8/2009 20:31	9.8	39.11	24.79	9.72	8.03	6.2	1.492	100.5
1486	1/8/2009 20:46	9.78	38.465	24.34	9.76	8.03	6	1.578	100.5
1487	1/8/2009 21:01	9.76	38.52	24.38	9.75	8.03	5.9	1.648	100.4
1488	1/8/2009 21:16	9.78	38.964	24.69	9.64	7.91	5.6	1.724	99.5
1489	1/8/2009 21:31	9.78	41.212	26.26	9.55	8.04	5.2	1.783	99.6
1490	1/8/2009 21:46	9.78	40.718	25.92	9.6	8.04	4.7	1.838	99.8
1491	1/8/2009 22:01	9.78	40.735	25.93	9.63	8.04	4.5	1.882	100.2
1492	1/8/2009 22:16	9.78	40.739	25.93	9.61	7.91	4.3	1.931	99.9
1493	1/8/2009 22:31	9.79	41.606	26.54	9.64	7.92	4.4	1.975	100.7
1494	1/8/2009 22:46	9.79	40.968	26.09	9.61	8.04	3.8	1.978	100.2
1495	1/8/2009 23:01	9.8	41.308	26.33	9.6	8.04	3.7	2.006	100.2
1496	1/8/2009 23:16	9.8	41.768	26.65	9.53	8.03	3.1	2.026	99.7
1497	1/8/2009 23:31	9.8	40.589	25.83	9.48	8.03	3.1	1.988	98.6
1498	1/8/2009 23:46	9.78	42.453	27.14	9.2	8	3.1	1.959	96.4
1499	1/9/2009 0:01	9.71	42.818	27.39	9.34	8.02	4	1.943	98
1500	1/9/2009 0:16	9.7	43.93	28.18	8.91	7.88	3.5	1.889	93.8
1501	1/9/2009 0:31	9.67	43.317	27.74	8.89	8	2.8	1.825	93.3
1502	1/9/2009 0:46	9.64	43.16	27.63	8.9	7.89	3.2	1.754	93.4
1503	1/9/2009 1:01	9.63	42.401	27.09	8.98	7.89	3.8	1.692	93.8
1504	1/9/2009 1:16	9.63	42.006	26.81	8.98	8	3.1	1.631	93.7
1505	1/9/2009 1:31	9.63	41.842	26.7	9	8	3.3	1.578	93.8
1506	1/9/2009 1:46	9.62	41.668	26.57	9	8	3.5	1.518	93.7
1507	1/9/2009 2:01	9.61	41.947	26.77	8.96	8	3.3	1.471	93.4
1508	1/9/2009 2:16	9.6	41.247	26.28	8.98	8	3.5	1.44	93.3
1509	1/9/2009 2:31	9.59	41.112	26.18	8.96	8	3.5	1.402	93
1510	1/9/2009 2:46	9.58	41.231	26.27	8.93	7.89	3.5	1.369	92.7
1511	1/9/2009 3:01	9.57	41.022	26.12	8.79	7.98	5.4	1.347	91.1
1512	1/9/2009 3:16	9.57	41.154	26.21	8.75	7.98	4.2	1.366	90.8
1513	1/9/2009 3:31	9.57	41.01	26.11	8.72	7.86	3.8	1.367	90.4
1514	1/9/2009 3:46	9.56	41.053	26.14	8.58	7.85	3.4	1.4	89
1515	1/9/2009 4:01	9.5	40.933	26.05	8.53	7.94	3.8	1.429	88.3
1516	1/9/2009 4:16	9.45	41.21	26.24	9.26	7.87	6.7	1.475	95.8
1517	1/9/2009 4:31	9.48	41.433	26.4	9.41	7.89	7	1.536	97.6
1518	1/9/2009 4:46	9.45	41.674	26.57	9.48	7.9	7.4	1.582	98.3

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1519	1/9/2009 5:01	9.51	40.88	26.02	9.53	8.02	7.9	1.664	98.6
1520	1/9/2009 5:16	9.58	40.746	25.93	9.57	7.92	6.4	1.736	99.1
1521	1/9/2009 5:31	9.5	40.924	26.05	9.63	7.92	7.6	1.828	99.6
1522	1/9/2009 5:46	9.47	41.644	26.55	9.63	7.92	7.1	1.915	99.9
1523	1/9/2009 6:01	9.48	41.935	26.76	9.66	8.05	7	1.973	100.3
1524	1/9/2009 6:16	9.61	42.724	27.32	9.7	8.06	5.8	2.086	101.5
1525	1/9/2009 6:31	9.7	43.128	27.61	9.68	8.07	6.7	2.164	101.7
1526	1/9/2009 6:46	9.72	44.153	28.34	9.68	8.07	7.8	2.257	102.1
1527	1/9/2009 7:01	9.7	41.575	26.51	9.78	8.07	7.4	2.348	102
1528	1/9/2009 7:16	9.67	41.824	26.69	9.79	8.07	8	2.438	102.2
1529	1/9/2009 7:31	9.64	41.745	26.63	9.82	8.08	7.9	2.526	102.3
1530	1/9/2009 7:46	9.58	45.44	29.24	9.68	8.08	8.1	2.609	102.4
1531	1/9/2009 8:01	9.58	43.957	28.19	9.76	7.97	6.8	2.696	102.6
1532	1/9/2009 8:16	9.58	44.179	28.35	9.77	7.98	6.3	2.766	102.7
1533	1/9/2009 8:31	9.58	41.3	26.31	9.89	8.09	5	2.849	102.7
1534	1/9/2009 8:46	9.58	41.725	26.61	9.9	8.09	4.6	2.917	103
1535	1/9/2009 9:01	9.58	41.667	26.57	9.91	8.09	4.2	2.969	103.1
	Mean	9.02	43.50	27.84	9.14	7.94	4.42	1.61	94.56
	Minimum	7.40	35.17	22.08	6.59	7.30	1.00	0.20	68.00
	Maximum	10.17	49.18	31.88	10.24	8.20	22.00	2.97	104.50
	Standard Dev.	0.64	2.35	1.65	0.51	0.08	2.06	0.63	5.77

Selected sections of data removed due to low water levels from extremely low tides

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

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1	1/9/2009 9:46	9.51	47.103	30.42	8.98	8.14	16.2	3.023	95.6
2	1/9/2009 10:01	9.51	47.087	30.41	8.96	8.14	11.4	3.01	95.4
3	1/9/2009 10:16	9.45	46.764	30.18	8.96	8.12	8.2	2.941	95.1
4	1/9/2009 10:31	9.42	45.869	29.54	8.78	8.1	9.3	2.867	92.7
5	1/9/2009 10:46	9.43	45.818	29.5	8.71	8.08	8.1	2.782	92
6	1/9/2009 11:01	9.46	45.81	29.5	8.68	8.08	7.1	2.673	91.7
7	1/9/2009 11:16	9.49	45.798	29.49	8.66	8.07	7.1	2.55	91.5
8	1/9/2009 11:31	9.51	45.729	29.44	8.77	8.07	6.9	2.437	92.8
9	1/9/2009 11:46	9.55	45.459	29.25	8.86	8.09	6.3	2.319	93.6
10	1/9/2009 12:01	9.58	45.243	29.1	8.86	8.09	15	2.189	93.6
11	1/9/2009 12:16	9.59	44.881	28.85	8.83	8.07	7.4	2.021	93.2
12	1/9/2009 12:31	9.62	44.554	28.61	8.8	8.07	5.6	1.898	92.8
13	1/9/2009 12:46	9.64	44.206	28.37	8.62	8.06	4.8	1.766	90.8
14	1/9/2009 13:01	9.65	43.516	27.88	8.47	8.05	5	1.599	89
15	1/9/2009 13:16	9.67	43.038	27.54	8.42	8.04	5.2	1.461	88.3
16	1/9/2009 13:31	9.7	42.775	27.36	8.4	8.05	6	1.296	88
17	1/9/2009 13:46	9.72	42.545	27.2	8.4	8.02	5.4	1.12	88
18	1/9/2009 14:01	9.74	42.262	27	8.4	8.01	5.5	0.959	87.9
19	1/9/2009 14:16	9.74	41.936	26.77	8.37	8.02	6.2	0.775	87.5
20	1/9/2009 14:31	9.75	41.612	26.54	8.33	8.01	6.3	0.587	86.9
21	1/9/2009 14:46	9.77	41.482	26.45	8.38	7.98	23.2	0.416	87.5
22	1/9/2009 15:01	9.78	41.47	26.44	8.36	7.98	7.6	0.236	87.2
23	1/9/2009 15:16								
24	1/9/2009 15:31								
25	1/9/2009 15:46								
26	1/9/2009 16:01								
27	1/9/2009 16:16								
28	1/9/2009 16:31								
29	1/9/2009 16:46								
30	1/9/2009 17:01								
31	1/9/2009 17:16								
32	1/9/2009 17:31								
33	1/9/2009 17:46								
34	1/9/2009 18:01								
35	1/9/2009 18:16								
36	1/9/2009 18:31	9.61	39.423	25	9.28	8.09	7.2	0.267	95.6
37	1/9/2009 18:46	9.58	39.393	24.98	9.24	8.08	6.8	0.337	95.1
38	1/9/2009 19:01	9.59	39.397	24.98	9.21	8.08	6.3	0.428	94.8
39	1/9/2009 19:16	9.77	41.463	26.44	9.28	8.1	5.6	0.557	96.9
40	1/9/2009 19:31	9.75	41.406	26.4	9.28	8.09	5.9	0.666	96.7
41	1/9/2009 19:46	9.73	41.267	26.3	9.26	8.09	5.9	0.769	96.5
42	1/9/2009 20:01	9.71	41.272	26.3	9.23	8.09	6.1	0.878	96.2
43	1/9/2009 20:16	9.68	41.596	26.53	9.21	8.09	6.7	1.018	96
44	1/9/2009 20:31	9.7	42.613	27.24	9.17	8.09	5.8	1.133	96.1
45	1/9/2009 20:46	9.69	42.946	27.48	9.18	8.1	5.7	1.245	96.2
46	1/9/2009 21:01	9.69	43.114	27.6	9.18	8.1	5.4	1.363	96.4
47	1/9/2009 21:16	9.68	43.194	27.65	9.17	8.1	5.1	1.459	96.3
48	1/9/2009 21:31	9.66	43.499	27.87	9.15	8.1	5.6	1.556	96.2

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
49	1/9/2009 21:46	9.61	43.594	27.93	9.14	8.1	5.6	1.65	96
50	1/9/2009 22:01	9.6	43.834	28.1	9.12	8.1	5.5	1.729	95.9
51	1/9/2009 22:16	9.6	44.237	28.39	9.1	8.1	5.1	1.809	95.8
52	1/9/2009 22:31	9.61	44.451	28.54	9.1	8.1	4.8	1.882	95.9
53	1/9/2009 22:46	9.6	44.817	28.8	9.12	8.11	4.7	1.938	96.3
54	1/9/2009 23:01	9.6	45.243	29.1	9.15	8.11	4.2	1.99	96.7
55	1/9/2009 23:16	9.6	45.676	29.41	9.17	8.11	4	2.05	97.1
56	1/9/2009 23:31	9.6	45.773	29.48	9.14	8.12	3.8	2.079	96.9
57	1/9/2009 23:46	9.6	45.842	29.53	9.12	8.11	3.5	2.1	96.7
58	1/10/2009 0:01	9.6	45.918	29.58	9.08	8.11	3.5	2.124	96.3
59	1/10/2009 0:16	9.6	45.911	29.58	9.05	8.11	3.4	2.116	96
60	1/10/2009 0:31	9.59	45.84	29.53	9.06	8.11	3.2	2.086	96.1
61	1/10/2009 0:46	9.59	45.417	29.23	8.98	8.1	2.7	2.015	95
62	1/10/2009 1:01	9.46	45.008	28.93	8.9	8.09	3.6	1.972	93.7
63	1/10/2009 1:16	9.43	44.726	28.72	8.89	8.08	3.2	1.912	93.5
64	1/10/2009 1:31	9.42	44.285	28.41	8.8	8.07	3.2	1.817	92.3
65	1/10/2009 1:46	9.42	43.986	28.2	8.81	8.07	3.4	1.75	92.3
66	1/10/2009 2:01	9.41	43.737	28.02	8.82	8.07	3.2	1.677	92.3
67	1/10/2009 2:16	9.4	43.59	27.92	8.82	8.07	3.4	1.602	92.2
68	1/10/2009 2:31	9.36	43.407	27.79	8.84	8.07	3.8	1.529	92.2
69	1/10/2009 2:46	9.31	43.337	27.73	8.82	8.07	3.4	1.462	91.9
70	1/10/2009 3:01	9.26	43.274	27.69	8.84	8.07	3.5	1.411	91.9
71	1/10/2009 3:16	9.25	43.177	27.62	8.87	8.07	3.5	1.346	92.2
72	1/10/2009 3:31	9.22	43.083	27.55	8.85	8.21	3.5	1.315	91.9
73	1/10/2009 3:46	9.19	43.034	27.51	8.82	8.21	3.6	1.274	91.5
74	1/10/2009 4:01	9.17	42.988	27.48	8.8	8.06	3.7	1.28	91.2
75	1/10/2009 4:16	9.15	42.934	27.44	8.76	8.06	3.4	1.281	90.7
76	1/10/2009 4:31	9.13	42.932	27.44	8.73	8.2	3.4	1.289	90.4
77	1/10/2009 4:46	9.08	42.953	27.45	8.73	8.05	3.3	1.331	90.3
78	1/10/2009 5:01	9.04	42.986	27.47	8.74	8.05	3.2	1.378	90.3
79	1/10/2009 5:16	9.04	43.127	27.57	8.91	8.07	3.7	1.439	92.1
80	1/10/2009 5:31	9.07	43.289	27.68	8.97	8.08	4.1	1.509	92.9
81	1/10/2009 5:46	9.11	43.341	27.72	8.96	8.08	4.3	1.583	92.9
82	1/10/2009 6:01	9.15	43.506	27.84	8.98	8.23	4.4	1.662	93.3
83	1/10/2009 6:16	9.18	43.934	28.15	9.02	8.23	4.2	1.747	93.9
84	1/10/2009 6:31	9.18	44.213	28.35	9.05	8.24	4.2	1.823	94.4
85	1/10/2009 6:46	9.17	44.543	28.58	9.06	8.24	4.4	1.906	94.6
86	1/10/2009 7:01	9.24	45.101	28.98	9.08	8.25	4.4	1.992	95.2
87	1/10/2009 7:16	9.31	45.685	29.4	9.09	8.25	4.4	2.08	95.7
88	1/10/2009 7:31	9.35	46.005	29.63	9.06	8.11	4.2	2.165	95.6
89	1/10/2009 7:46	9.45	46.876	30.26	8.97	8.11	4.6	2.261	95.3
90	1/10/2009 8:01	9.46	47.036	30.37	8.95	8.11	4.4	2.36	95.1
91	1/10/2009 8:16	9.44	47.328	30.58	8.89	8.11	4.2	2.458	94.6
92	1/10/2009 8:31	9.4	47.562	30.75	8.82	8.26	4.5	2.56	93.9
93	1/10/2009 8:46	9.35	47.843	30.94	8.75	8.25	4.5	2.653	93.1
94	1/10/2009 9:01	9.3	48.159	31.17	8.62	8.25	4.2	2.745	91.7
95	1/10/2009 9:16	9.28	48.539	31.44	8.49	8.25	3.8	2.831	90.5
96	1/10/2009 9:31	9.25	48.86	31.67	8.37	8.25	3.5	2.903	89.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
97	1/10/2009 9:46	9.23	49.017	31.78	8.3	8.24	3	2.965	88.6
98	1/10/2009 10:01	9.21	49.1	31.84	8.28	8.1	2.7	3.021	88.4
99	1/10/2009 10:16	9.21	49.148	31.87	8.24	8.1	2.7	3.055	87.9
100	1/10/2009 10:31	9.21	49.168	31.89	8.2	8.09	2.6	3.071	87.5
101	1/10/2009 10:46	9.22	49.165	31.88	8.19	8.24	2.3	3.069	87.4
102	1/10/2009 11:01	9.22	49.13	31.86	8.19	8.24	2.2	3.041	87.4
103	1/10/2009 11:16	9.27	48.889	31.69	8.24	8.23	2.6	2.992	88
104	1/10/2009 11:31	9.34	48.521	31.43	8.39	8.09	3.1	2.905	89.5
105	1/10/2009 11:46	9.44	47.906	30.99	8.65	8.1	3.9	2.803	92.3
106	1/10/2009 12:01	9.47	47.4	30.63	8.78	8.1	4.2	2.696	93.6
107	1/10/2009 12:16	9.46	47.13	30.44	8.82	8.1	4.2	2.575	93.8
108	1/10/2009 12:31	9.47	46.927	30.3	8.87	8.1	4	2.445	94.2
109	1/10/2009 12:46	9.5	46.52	30.01	8.93	8.1	4.1	2.296	94.7
110	1/10/2009 13:01	9.52	45.999	29.64	8.96	8.1	4	2.155	94.9
111	1/10/2009 13:16	9.51	45.31	29.14	8.81	8.08	2.7	2.019	93
112	1/10/2009 13:31	9.53	44.437	28.53	8.75	8.07	2.7	1.859	92.1
113	1/10/2009 13:46	9.55	43.802	28.08	8.72	8.06	3.1	1.68	91.5
114	1/10/2009 14:01	9.58	43.514	27.87	8.7	8.05	3.3	1.516	91.2
115	1/10/2009 14:16	9.62	43.3	27.73	8.64	8.04	3.1	1.366	90.6
116	1/10/2009 14:31	9.63	42.943	27.47	8.64	8.03	3.5	1.191	90.5
117	1/10/2009 14:46	9.63	42.006	26.81	8.75	8.03	3.8	0.991	91.2
118	1/10/2009 15:01	9.64	41.599	26.53	8.79	8.03	3.8	0.834	91.5
119	1/10/2009 15:16	9.63	41.108	26.18	8.84	8.03	3.7	0.637	91.8
120	1/10/2009 15:31	9.62	39.787	25.26	9.09	8.01	5.2	0.435	93.8
121	1/10/2009 15:46	9.63	39.686	25.19	9.13	8	6	0.246	94.2
122	1/10/2009 16:01								
123	1/10/2009 16:16								
124	1/10/2009 16:31								
125	1/10/2009 16:46								
126	1/10/2009 17:01								
127	1/10/2009 17:16								
128	1/10/2009 17:31								
129	1/10/2009 17:46								
130	1/10/2009 18:01								
131	1/10/2009 18:16								
132	1/10/2009 18:31								
133	1/10/2009 18:46								
134	1/10/2009 19:01								
135	1/10/2009 19:16	8.81	39.576	25.06	9.6	8.24	6.8	0.211	97.2
136	1/10/2009 19:31	8.84	39.556	25.05	9.54	8.23	6	0.322	96.6
137	1/10/2009 19:46	8.9	39.551	25.05	9.48	8.23	5.5	0.439	96.1
138	1/10/2009 20:01	9.27	40.427	25.68	9.32	8.21	5.1	0.533	95.7
139	1/10/2009 20:16	9.36	41.517	26.45	9.53	8.1	6	0.65	98.6
140	1/10/2009 20:31	9.37	41.565	26.49	9.49	8.24	5.9	0.801	98.3
141	1/10/2009 20:46	9.29	41.069	26.14	9.48	8.24	6.4	0.903	97.7
142	1/10/2009 21:01	9.43	42.561	27.19	9.34	8.23	6	1.026	97.2
143	1/10/2009 21:16	9.46	43.16	27.62	9.35	8.1	6	1.162	97.6
144	1/10/2009 21:31	9.49	43.471	27.84	9.33	8.24	5.7	1.288	97.7

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
145	1/10/2009 21:46	9.49	43.648	27.96	9.33	8.1	5.7	1.398	97.7
146	1/10/2009 22:01	9.51	44.096	28.28	9.3	8.24	6	1.508	97.7
147	1/10/2009 22:16	9.46	44.39	28.49	9.24	8.24	6.6	1.623	97
148	1/10/2009 22:31	9.43	44.702	28.71	9.17	8.24	6.6	1.728	96.3
149	1/10/2009 22:46	9.44	45.061	28.96	9.1	8.24	6.6	1.817	95.9
150	1/10/2009 23:01	9.45	45.346	29.17	9.07	8.09	5.7	1.896	95.7
151	1/10/2009 23:16	9.45	45.888	29.55	9.04	8.24	5.4	1.976	95.6
152	1/10/2009 23:31	9.45	46.453	29.96	8.99	8.24	4.8	2.054	95.3
153	1/10/2009 23:46	9.45	46.772	30.18	8.98	8.24	4.5	2.114	95.3
154	1/11/2009 0:01	9.44	46.978	30.33	8.94	8.1	4	2.158	95
155	1/11/2009 0:16	9.44	47.12	30.43	8.91	8.1	3.6	2.204	94.7
156	1/11/2009 0:31	9.44	47.25	30.53	8.86	8.24	3.5	2.242	94.2
157	1/11/2009 0:46	9.44	47.314	30.57	8.85	8.24	3.2	2.26	94.1
158	1/11/2009 1:01	9.44	47.269	30.54	8.81	8.24	2.9	2.237	93.7
159	1/11/2009 1:16	9.44	47.223	30.51	8.81	8.09	2.7	2.221	93.7
160	1/11/2009 1:31	9.44	47.116	30.43	8.76	8.23	2.6	2.196	93.1
161	1/11/2009 1:46	9.31	46.537	30.01	8.77	8.22	4.6	2.11	92.7
162	1/11/2009 2:01	9.26	46.086	29.68	8.79	8.08	3.7	2.021	92.6
163	1/11/2009 2:16	9.27	45.715	29.42	8.79	8.22	3.5	1.935	92.5
164	1/11/2009 2:31	9.29	45.266	29.1	8.81	8.22	3.1	1.841	92.6
165	1/11/2009 2:46	9.3	44.971	28.89	8.84	8.22	3.1	1.756	92.7
166	1/11/2009 3:01	9.29	44.568	28.6	8.91	8.22	3.3	1.655	93.3
167	1/11/2009 3:16	9.26	44.482	28.54	8.89	8.08	3.5	1.576	93
168	1/11/2009 3:31	9.21	44.238	28.36	8.95	8.22	4.2	1.506	93.4
169	1/11/2009 3:46	9.15	44.032	28.21	8.98	8.22	3.7	1.445	93.5
170	1/11/2009 4:01	9.11	43.878	28.1	8.96	8.22	3.3	1.382	93.2
171	1/11/2009 4:16	9.11	43.747	28.01	8.95	8.22	3.3	1.337	93
172	1/11/2009 4:31	9.07	43.574	27.89	8.99	8.22	3.4	1.286	93.2
173	1/11/2009 4:46	9.06	43.43	27.78	8.97	8.22	3.7	1.248	92.9
174	1/11/2009 5:01	9.04	43.432	27.78	8.95	8.22	3.4	1.234	92.7
175	1/11/2009 5:16	9.02	43.301	27.69	8.95	8.22	3.6	1.193	92.6
176	1/11/2009 5:31	8.97	43.399	27.76	8.83	8.2	2.3	1.252	91.3
177	1/11/2009 5:46	8.93	43.413	27.76	8.75	8.19	2.2	1.266	90.3
178	1/11/2009 6:01	8.88	43.439	27.78	8.74	8.19	2.6	1.296	90.2
179	1/11/2009 6:16	8.84	43.504	27.82	8.9	8.2	3.6	1.38	91.7
180	1/11/2009 6:31	8.83	43.822	28.05	9.05	8.22	4.2	1.456	93.4
181	1/11/2009 6:46	8.89	43.835	28.06	9.02	8.22	4.3	1.526	93.3
182	1/11/2009 7:01	8.98	44.156	28.29	9.03	8.22	4.5	1.608	93.7
183	1/11/2009 7:16	9.02	44.457	28.51	9.02	8.22	4.5	1.691	93.8
184	1/11/2009 7:31	9	44.812	28.76	8.99	8.23	4.5	1.787	93.6
185	1/11/2009 7:46	9.09	45.177	29.02	8.94	8.22	4.5	1.883	93.5
186	1/11/2009 8:01	9.25	46.115	29.7	8.9	8.23	4.5	1.975	93.8
187	1/11/2009 8:16	9.24	46.348	29.87	8.9	8.23	4.1	2.047	93.8
188	1/11/2009 8:31	9.27	46.677	30.1	8.86	8.24	4.2	2.156	93.6
189	1/11/2009 8:46	9.28	46.989	30.33	8.84	8.24	4.8	2.244	93.6
190	1/11/2009 9:01	9.25	47.245	30.51	8.8	8.24	4.6	2.349	93.2
191	1/11/2009 9:16	9.24	47.484	30.68	8.76	8.24	4.6	2.447	92.9
192	1/11/2009 9:31	9.19	47.765	30.88	8.72	8.23	4.6	2.547	92.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
193	1/11/2009 9:46	9.16	48.275	31.24	8.63	8.23	4.3	2.644	91.6
194	1/11/2009 10:01	9.16	48.691	31.54	8.52	8.23	4.1	2.75	90.6
195	1/11/2009 10:16	9.16	49.025	31.78	8.46	8.22	3.6	2.837	90.1
196	1/11/2009 10:31	9.16	49.201	31.91	8.41	8.22	3.4	2.912	89.6
197	1/11/2009 10:46	9.17	49.333	32	8.36	8.22	3.2	2.995	89.2
198	1/11/2009 11:01	9.17	49.372	32.03	8.32	8.22	2.5	3.039	88.8
199	1/11/2009 11:16	9.19	49.408	32.06	8.3	8.21	2.3	3.078	88.7
200	1/11/2009 11:31	9.2	49.431	32.07	8.26	8.21	2.3	3.106	88.2
201	1/11/2009 11:46	9.2	49.415	32.06	8.23	8.2	2.1	3.088	88
202	1/11/2009 12:01	9.2	49.389	32.04	8.13	8.05	1.8	3.048	86.8
203	1/11/2009 12:16	9.22	49.341	32.01	8.08	8.19	2.4	3.001	86.4
204	1/11/2009 12:31	9.31	49.107	31.85	8.3	8.07	2.9	2.896	88.8
205	1/11/2009 12:46	9.43	48.542	31.45	8.6	8.09	3.3	2.786	92
206	1/11/2009 13:01	9.45	48.194	31.2	8.66	8.09	3.1	2.667	92.6
207	1/11/2009 13:16	9.44	47.66	30.82	8.73	8.09	3.5	2.52	93.1
208	1/11/2009 13:31	9.48	47.255	30.53	8.79	8.09	4.5	2.391	93.6
209	1/11/2009 13:46	9.55	46.919	30.29	8.8	8.09	3.7	2.254	93.7
210	1/11/2009 14:01	9.52	46.588	30.06	8.75	8.08	3.5	2.078	92.9
211	1/11/2009 14:16	9.51	46.139	29.74	8.77	8.08	4.3	1.928	92.9
212	1/11/2009 14:31	9.52	45.355	29.18	8.77	8.07	3.2	1.79	92.6
213	1/11/2009 14:46	9.51	44.396	28.5	8.72	8.06	2.9	1.608	91.6
214	1/11/2009 15:01	9.52	44.036	28.24	8.73	8.05	3.3	1.442	91.7
215	1/11/2009 15:16	9.53	43.715	28.01	8.7	8.04	2.9	1.279	91.2
216	1/11/2009 15:31	9.53	43.333	27.74	8.79	8.05	4.6	1.087	92
217	1/11/2009 15:46	9.53	42.085	26.86	8.93	8.05	3.4	0.918	92.9
218	1/11/2009 16:01	9.52	41.637	26.55	9.03	8.05	3.2	0.731	93.8
219	1/11/2009 16:16	9.51	40.64	25.85	9.11	8.18	3.5	0.524	94.2
220	1/11/2009 16:31	9.52	40.103	25.47	9.2	8.17	4.2	0.35	94.9
221	1/11/2009 16:46								
222	1/11/2009 17:01								
223	1/11/2009 17:16								
224	1/11/2009 17:31								
225	1/11/2009 17:46								
226	1/11/2009 18:01								
227	1/11/2009 18:16								
228	1/11/2009 18:31								
229	1/11/2009 18:46								
230	1/11/2009 19:01								
231	1/11/2009 19:16								
232	1/11/2009 19:31								
233	1/11/2009 19:46								
234	1/11/2009 20:01	8.93	41.794	26.62	9.61	8.25	4.5	0.241	98.5
235	1/11/2009 20:16	8.94	41.784	26.62	9.53	8.24	4.5	0.332	97.8
236	1/11/2009 20:31	8.98	41.771	26.61	9.49	8.23	4.5	0.442	97.4
237	1/11/2009 20:46	9.14	42.283	26.98	9.61	8.25	4.5	0.562	99.2
238	1/11/2009 21:01	9.13	42.269	26.97	9.61	8.24	5	0.679	99.2
239	1/11/2009 21:16	9.13	42.346	27.02	9.61	8.25	5.2	0.796	99.3
240	1/11/2009 21:31	9.12	42.29	26.98	9.56	8.24	4.8	0.923	98.7

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
241	1/11/2009 21:46	9.3	43.715	28	9.4	8.24	5.7	1.056	98.1
242	1/11/2009 22:01	9.35	44.065	28.25	9.37	8.24	5.7	1.188	98.1
243	1/11/2009 22:16	9.34	44.294	28.41	9.37	8.25	6	1.318	98.1
244	1/11/2009 22:31	9.37	44.673	28.68	9.35	8.25	5.9	1.445	98.1
245	1/11/2009 22:46	9.37	44.978	28.9	9.29	8.25	6.2	1.555	97.6
246	1/11/2009 23:01	9.35	45.32	29.14	9.21	8.24	6.5	1.664	96.9
247	1/11/2009 23:16	9.36	45.686	29.4	9.12	8.24	6.3	1.768	96.1
248	1/11/2009 23:31	9.36	46.049	29.66	9.07	8.23	5.9	1.857	95.8
249	1/11/2009 23:46	9.36	46.7	30.13	9.05	8.23	5.9	1.94	95.8
250	1/12/2009 0:01	9.36	47.232	30.51	9.07	8.23	5.4	2.036	96.2
251	1/12/2009 0:16	9.35	47.528	30.72	9.08	8.23	4.8	2.102	96.5
252	1/12/2009 0:31	9.35	47.713	30.85	9.05	8.23	4.7	2.168	96.3
253	1/12/2009 0:46	9.34	48.085	31.12	9.01	8.22	4	2.241	96
254	1/12/2009 1:01	9.34	48.219	31.21	8.96	8.22	3.8	2.285	95.5
255	1/12/2009 1:16	9.34	48.309	31.28	8.87	8.22	3.3	2.311	94.6
256	1/12/2009 1:31	9.34	48.345	31.3	8.84	8.21	3.1	2.326	94.3
257	1/12/2009 1:46	9.34	48.348	31.31	8.8	8.21	2.9	2.32	93.8
258	1/12/2009 2:01	9.34	48.26	31.24	8.8	8.21	2.6	2.286	93.8
259	1/12/2009 2:16	9.31	47.945	31.01	8.66	8.2	3.3	2.222	92.1
260	1/12/2009 2:31	9.17	47.457	30.65	8.75	8.21	3.9	2.147	92.6
261	1/12/2009 2:46	9.19	47.216	30.48	8.8	8.21	4.2	2.051	93
262	1/12/2009 3:01	9.2	46.843	30.22	8.81	8.22	4.1	1.955	93
263	1/12/2009 3:16	9.22	46.341	29.86	8.72	8.22	2.7	1.867	91.9
264	1/12/2009 3:31	9.22	45.805	29.48	8.74	8.22	2.9	1.759	91.9
265	1/12/2009 3:46	9.21	45.578	29.32	8.76	8.22	2.8	1.671	92
266	1/12/2009 4:01	9.18	45.414	29.2	8.82	8.22	3.3	1.586	92.5
267	1/12/2009 4:16	9.14	45.141	29	8.89	8.22	3.7	1.495	93
268	1/12/2009 4:31	9.11	44.827	28.78	8.92	8.22	3.1	1.403	93.1
269	1/12/2009 4:46	9.07	44.616	28.62	8.93	8.22	3.1	1.342	93.1
270	1/12/2009 5:01	9.05	44.469	28.52	8.89	8.22	2.6	1.27	92.6
271	1/12/2009 5:16	9.03	44.214	28.34	8.94	8.23	3	1.186	92.9
272	1/12/2009 5:31	9.01	44.114	28.26	8.95	8.23	3.1	1.146	92.9
273	1/12/2009 5:46	8.98	44.059	28.22	8.92	8.22	3.1	1.115	92.5
274	1/12/2009 6:01	8.95	43.947	28.14	8.88	8.22	3.1	1.08	92
275	1/12/2009 6:16	8.89	44.003	28.18	8.86	8.21	2.6	1.095	91.6
276	1/12/2009 6:31	8.87	44.005	28.18	8.78	8.21	2.6	1.111	90.8
277	1/12/2009 6:46	8.85	44.042	28.2	8.58	8.19	2.3	1.158	88.7
278	1/12/2009 7:01	8.81	44.381	28.44	8.94	8.2	3.5	1.213	92.5
279	1/12/2009 7:16	8.83	44.44	28.48	9	8.21	3.4	1.296	93.1
280	1/12/2009 7:31	8.76	44.364	28.42	9.07	8.22	4.3	1.377	93.7
281	1/12/2009 7:46	8.79	44.453	28.49	9.06	8.22	4.1	1.457	93.7
282	1/12/2009 8:01	8.89	44.738	28.7	9.02	8.22	4	1.554	93.7
283	1/12/2009 8:16	8.94	45.12	28.97	9.04	8.23	3.9	1.631	94.1
284	1/12/2009 8:31	8.92	45.349	29.13	9.02	8.22	3.8	1.717	93.9
285	1/12/2009 8:46	9.09	46.129	29.7	8.98	8.23	4	1.808	94.2
286	1/12/2009 9:01	9.13	46.421	29.91	8.98	8.23	3.9	1.89	94.4
287	1/12/2009 9:16	9.18	46.837	30.21	8.97	8.22	4.1	1.988	94.7
288	1/12/2009 9:31	9.19	47.119	30.41	8.94	8.22	4	2.08	94.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
289	1/12/2009 9:46	9.19	47.515	30.7	8.89	8.22	4.4	2.183	94.1
290	1/12/2009 10:01	9.17	47.729	30.85	8.83	8.22	4.4	2.279	93.6
291	1/12/2009 10:16	9.16	48.042	31.07	8.79	8.22	4.4	2.383	93.2
292	1/12/2009 10:31	9.16	48.401	31.33	8.68	8.21	4.3	2.485	92.3
293	1/12/2009 10:46	9.16	48.823	31.63	8.55	8.21	4.2	2.584	91
294	1/12/2009 11:01	9.17	49.204	31.91	8.4	8.2	4.3	2.684	89.6
295	1/12/2009 11:16	9.16	49.457	32.09	8.31	8.19	3.8	2.768	88.7
296	1/12/2009 11:31	9.15	49.616	32.2	8.24	8.19	3.7	2.849	88.1
297	1/12/2009 11:46	9.16	49.67	32.24	8.21	8.19	3.3	2.907	87.8
298	1/12/2009 12:01	9.17	49.717	32.28	8.17	8.04	3.1	2.959	87.3
299	1/12/2009 12:16	9.17	49.75	32.3	8.08	8.19	2.9	2.989	86.4
300	1/12/2009 12:31	9.18	49.754	32.3	8.03	8.18	2.4	2.986	85.9
301	1/12/2009 12:46	9.19	49.73	32.29	7.9	8.03	2.2	2.981	84.5
302	1/12/2009 13:01	9.19	49.693	32.26	7.8	8.02	2	2.926	83.4
303	1/12/2009 13:16	9.26	49.584	32.19	7.96	8.03	2.9	2.848	85.2
304	1/12/2009 13:31	9.44	49.23	31.95	8.24	8.05	3.2	2.75	88.5
305	1/12/2009 13:46	9.49	48.807	31.65	8.53	8.07	3.5	2.64	91.5
306	1/12/2009 14:01	9.49	48.459	31.4	8.69	8.07	3.4	2.504	93.1
307	1/12/2009 14:16	9.5	48.084	31.13	8.67	8.08	3.5	2.368	92.7
308	1/12/2009 14:31	9.58	47.67	30.83	8.8	8.08	3.5	2.23	94.1
309	1/12/2009 14:46	9.63	47.27	30.55	8.81	8.08	3.2	2.08	94.1
310	1/12/2009 15:01	9.61	46.868	30.26	8.74	8.07	3.2	1.923	93.1
311	1/12/2009 15:16	9.59	46.41	29.93	8.74	8.07	4	1.774	92.9
312	1/12/2009 15:31	9.58	45.594	29.35	8.64	8.06	2.8	1.619	91.5
313	1/12/2009 15:46	9.58	44.828	28.81	8.58	8.05	2.4	1.46	90.5
314	1/12/2009 16:01	9.58	44.552	28.61	8.64	8.05	2.7	1.284	91.1
315	1/12/2009 16:16	9.57	44.373	28.48	8.61	8.05	2.6	1.119	90.7
316	1/12/2009 16:31	9.56	43.563	27.91	8.63	8.05	2.7	0.951	90.5
317	1/12/2009 16:46	9.56	42.567	27.2	8.89	8.06	3.1	0.765	92.8
318	1/12/2009 17:01	9.55	42.206	26.95	9	8.2	3	0.587	93.8
319	1/12/2009 17:16	9.57	41.973	26.79	9	8.19	3.3	0.388	93.7
320	1/12/2009 17:31	9.57	41.97	26.78	8.94	8.18	4.1	0.208	93.1
321	1/12/2009 17:46								
322	1/12/2009 18:01								
323	1/12/2009 18:16								
324	1/12/2009 18:31								
325	1/12/2009 18:46								
326	1/12/2009 19:01								
327	1/12/2009 19:16								
328	1/12/2009 19:31								
329	1/12/2009 19:46								
330	1/12/2009 20:01								
331	1/12/2009 20:16								
332	1/12/2009 20:31	9.05	42.698	27.27	9.57	8.25	3.9	0.24	98.8
333	1/12/2009 20:46	9.06	42.709	27.27	9.46	8.24	3.8	0.33	97.7
334	1/12/2009 21:01	9.1	42.715	27.28	9.42	8.24	3.5	0.41	97.4
335	1/12/2009 21:16	9.26	43.17	27.61	9.59	8.25	4.4	0.535	99.7
336	1/12/2009 21:31	9.16	42.845	27.38	9.54	8.25	4.3	0.635	98.8

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
337	1/12/2009 21:46	9.2	43.024	27.51	9.59	8.25	4.9	0.762	99.5
338	1/12/2009 22:01	9.22	43.226	27.65	9.57	8.25	4.6	0.892	99.5
339	1/12/2009 22:16	9.29	44.118	28.28	9.53	8.25	5	1.026	99.5
340	1/12/2009 22:31	9.31	44.169	28.32	9.46	8.25	5.2	1.161	98.9
341	1/12/2009 22:46	9.35	44.671	28.68	9.48	8.25	6.4	1.289	99.4
342	1/12/2009 23:01	9.43	45.342	29.16	9.43	8.26	5.8	1.42	99.4
343	1/12/2009 23:16	9.43	45.845	29.52	9.32	8.25	5.9	1.539	98.5
344	1/12/2009 23:31	9.43	46.101	29.7	9.24	8.25	6.3	1.656	97.7
345	1/12/2009 23:46	9.42	46.431	29.94	9.15	8.24	6.3	1.752	96.9
346	1/13/2009 0:01	9.42	46.697	30.13	9.08	8.23	5.6	1.855	96.2
347	1/13/2009 0:16	9.4	47.436	30.66	8.85	8.22	5.2	1.957	94.2
348	1/13/2009 0:31	9.39	47.984	31.05	8.7	8.21	5.1	2.046	92.7
349	1/13/2009 0:46	9.4	48.291	31.27	8.61	8.21	5.2	2.136	91.9
350	1/13/2009 1:01	9.39	48.456	31.39	8.56	8.21	4.6	2.221	91.4
351	1/13/2009 1:16	9.38	48.607	31.49	8.52	8.21	4.3	2.302	91.1
352	1/13/2009 1:31	9.38	48.76	31.6	8.48	8.21	3.9	2.37	90.6
353	1/13/2009 1:46	9.38	48.913	31.71	8.36	8.2	3.3	2.422	89.5
354	1/13/2009 2:01	9.38	49.016	31.79	8.3	8.05	2.9	2.452	88.8
355	1/13/2009 2:16	9.37	48.919	31.72	8.17	8.19	3.4	2.464	87.5
356	1/13/2009 2:31	9.37	48.866	31.68	8.09	8.18	2.4	2.442	86.6
357	1/13/2009 2:46	9.38	48.805	31.64	7.99	8.03	2.1	2.388	85.5
358	1/13/2009 3:01	9.27	48.441	31.37	8.3	8.19	3.2	2.326	88.4
359	1/13/2009 3:16	9.25	48.321	31.28	8.34	8.2	3.7	2.226	88.8
360	1/13/2009 3:31	9.28	48.22	31.21	8.3	8.2	3.7	2.124	88.3
361	1/13/2009 3:46	9.27	47.912	30.99	8.48	8.2	3.9	2.03	90.1
362	1/13/2009 4:01	9.28	47.287	30.54	8.43	8.21	2.7	1.916	89.4
363	1/13/2009 4:16	9.28	46.722	30.14	8.57	8.22	2.8	1.813	90.6
364	1/13/2009 4:31	9.27	46.555	30.02	8.57	8.21	2.6	1.73	90.5
365	1/13/2009 4:46	9.25	46.239	29.79	8.71	8.22	3.1	1.618	91.8
366	1/13/2009 5:01	9.21	46.115	29.7	8.84	8.22	3.7	1.519	93.1
367	1/13/2009 5:16	9.18	45.859	29.51	8.86	8.22	3.2	1.444	93.1
368	1/13/2009 5:31	9.18	45.326	29.13	8.88	8.23	2.9	1.355	93.1
369	1/13/2009 5:46	9.15	45.006	28.91	8.89	8.23	2.8	1.272	92.9
370	1/13/2009 6:01	9.14	44.653	28.65	8.88	8.22	2.5	1.188	92.7
371	1/13/2009 6:16	9.12	44.404	28.48	8.9	8.23	2.7	1.118	92.7
372	1/13/2009 6:31	9.1	44.251	28.37	8.91	8.23	2.9	1.068	92.7
373	1/13/2009 6:46	9.07	44.158	28.3	8.93	8.23	2.8	1.028	92.9
374	1/13/2009 7:01	9.04	44.094	28.25	8.91	8.22	2.9	0.994	92.6
375	1/13/2009 7:16	9.03	44.109	28.26	8.83	8.22	2.9	1	91.7
376	1/13/2009 7:31	9.01	44.184	28.31	8.55	8.2	2.4	1.03	88.8
377	1/13/2009 7:46	8.97	44.311	28.4	8.38	8.17	2.3	1.06	87
378	1/13/2009 8:01	8.92	44.756	28.71	8.55	8.18	2.6	1.128	88.9
379	1/13/2009 8:16	8.9	45.088	28.95	8.91	8.21	4.2	1.207	92.7
380	1/13/2009 8:31	8.86	45.007	28.89	8.89	8.21	3.5	1.294	92.4
381	1/13/2009 8:46	8.82	44.952	28.85	8.89	8.21	3.2	1.39	92.3
382	1/13/2009 9:01	8.88	45.069	28.93	9	8.22	3.7	1.475	93.6
383	1/13/2009 9:16	9.01	45.626	29.34	8.96	8.22	3.4	1.571	93.6
384	1/13/2009 9:31	9.02	45.901	29.53	8.94	8.22	3.4	1.658	93.6

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
385	1/13/2009 9:46	9.14	46.623	30.06	8.82	8.22	3.4	1.744	92.9
386	1/13/2009 10:01	9.21	46.955	30.3	8.77	8.22	3.4	1.834	92.7
387	1/13/2009 10:16	9.23	47.138	30.43	8.73	8.22	3.8	1.922	92.4
388	1/13/2009 10:31	9.25	47.424	30.64	8.72	8.22	4	2.016	92.4
389	1/13/2009 10:46	9.27	47.75	30.87	8.61	8.22	3.9	2.098	91.4
390	1/13/2009 11:01	9.28	48.056	31.09	8.57	8.21	4	2.203	91.1
391	1/13/2009 11:16	9.26	48.305	31.27	8.49	8.21	3.9	2.296	90.3
392	1/13/2009 11:31	9.28	48.57	31.46	8.42	8.2	4	2.392	89.7
393	1/13/2009 11:46	9.28	48.849	31.66	8.32	8.2	3.8	2.487	88.9
394	1/13/2009 12:01	9.29	49.092	31.84	8.19	8.19	3.4	2.572	87.6
395	1/13/2009 12:16	9.27	49.437	32.08	8.03	8.19	3.2	2.656	85.9
396	1/13/2009 12:31	9.27	49.591	32.19	7.87	8.18	2.8	2.72	84.2
397	1/13/2009 12:46	9.28	49.669	32.25	7.79	8.18	2.6	2.769	83.5
398	1/13/2009 13:01	9.29	49.726	32.29	7.74	8.17	2.1	2.818	82.9
399	1/13/2009 13:16	9.3	49.747	32.31	7.65	8.17	2	2.833	82
400	1/13/2009 13:31	9.31	49.749	32.31	7.63	8.17	1.8	2.822	81.9
401	1/13/2009 13:46	9.31	49.719	32.29	7.5	8.02	1.7	2.788	80.4
402	1/13/2009 14:01	9.32	49.634	32.23	7.32	8	1.6	2.738	78.5
403	1/13/2009 14:16	9.45	49.261	31.97	7.77	8.04	2.6	2.644	83.5
404	1/13/2009 14:31	9.52	48.95	31.75	8.16	8.06	3	2.544	87.7
405	1/13/2009 14:46	9.52	48.678	31.56	8.37	8.07	2.7	2.419	89.7
406	1/13/2009 15:01	9.53	48.348	31.32	8.36	8.07	2.7	2.294	89.6
407	1/13/2009 15:16	9.58	48.036	31.1	8.53	8.07	2.8	2.169	91.4
408	1/13/2009 15:31	9.64	47.646	30.82	8.52	8.07	3.1	2.028	91.2
409	1/13/2009 15:46	9.62	47.261	30.55	8.34	8.06	2.4	1.89	89.1
410	1/13/2009 16:01	9.61	46.785	30.2	8.43	8.06	2.6	1.74	89.8
411	1/13/2009 16:16	9.61	46.199	29.78	8.51	8.06	2.9	1.599	90.4
412	1/13/2009 16:31	9.61	45.474	29.27	8.46	8.05	2.7	1.457	89.6
413	1/13/2009 16:46	9.61	45.155	29.04	8.47	8.05	2.4	1.301	89.6
414	1/13/2009 17:01	9.6	44.922	28.87	8.38	8.04	2	1.139	88.5
415	1/13/2009 17:16	9.59	44.646	28.68	8.47	8.05	2.5	0.987	89.3
416	1/13/2009 17:31	9.58	43.722	28.02	8.59	8.2	2.4	0.816	90.2
417	1/13/2009 17:46	9.59	43.033	27.53	8.79	8.06	2.6	0.644	92.1
418	1/13/2009 18:01	9.6	42.817	27.38	8.84	8.2	2.7	0.479	92.5
419	1/13/2009 18:16	9.6	42.747	27.33	8.81	8.05	2.6	0.334	92.1
420	1/13/2009 18:31								
421	1/13/2009 18:46								
422	1/13/2009 19:01								
423	1/13/2009 19:16								
424	1/13/2009 19:31								
425	1/13/2009 19:46								
426	1/13/2009 20:01								
427	1/13/2009 20:16								
428	1/13/2009 20:31								
429	1/13/2009 20:46	9.33	43.076	27.55	8.17	8.13	3.2	0.276	85.1
430	1/13/2009 21:01	9.2	43.336	27.73	9.43	8.22	4.2	0.36	98
431	1/13/2009 21:16	9.17	43.313	27.71	9.48	8.24	3.5	0.441	98.4
432	1/13/2009 21:31	9.2	43.373	27.75	9.55	8.25	3.8	0.525	99.2

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
433	1/13/2009 21:46	9.22	43.39	27.76	9.55	8.25	4	0.614	99.3
434	1/13/2009 22:01	9.27	43.577	27.9	9.63	8.26	4	0.723	100.3
435	1/13/2009 22:16	9.31	43.935	28.16	9.63	8.26	4	0.826	100.6
436	1/13/2009 22:31	9.33	44.065	28.25	9.53	8.26	4	0.941	99.6
437	1/13/2009 22:46	9.41	45.05	28.95	9.42	8.25	4.2	1.064	99.1
438	1/13/2009 23:01	9.41	45.245	29.09	9.45	8.26	5	1.193	99.5
439	1/13/2009 23:16	9.45	45.54	29.31	9.43	8.26	5.2	1.32	99.5
440	1/13/2009 23:31	9.51	46.134	29.73	9.37	8.26	5.3	1.434	99.3
441	1/13/2009 23:46	9.51	46.477	29.98	9.25	8.25	5.2	1.552	98.2
442	1/14/2009 0:01	9.51	46.685	30.12	9.18	8.24	5.7	1.661	97.5
443	1/14/2009 0:16	9.49	46.911	30.29	9.08	8.24	5.7	1.765	96.5
444	1/14/2009 0:31	9.49	47.162	30.47	9.01	8.24	5.7	1.872	95.9
445	1/14/2009 0:46	9.47	47.688	30.84	8.79	8.23	5.2	1.97	93.8
446	1/14/2009 1:01	9.44	48.428	31.37	8.57	8.22	4.9	2.077	91.7
447	1/14/2009 1:16	9.45	48.666	31.54	8.51	8.22	4.9	2.165	91.1
448	1/14/2009 1:31	9.43	48.73	31.59	8.45	8.21	4.8	2.262	90.5
449	1/14/2009 1:46	9.39	48.836	31.66	8.4	8.21	4.3	2.35	89.8
450	1/14/2009 2:01	9.35	49.019	31.79	8.18	8.2	4	2.425	87.5
451	1/14/2009 2:16	9.31	49.248	31.95	8.03	8.19	3.4	2.489	85.9
452	1/14/2009 2:31	9.29	49.351	32.02	7.96	8.19	3.2	2.535	85.2
453	1/14/2009 2:46	9.28	49.408	32.06	7.93	8.19	2.9	2.558	84.9
454	1/14/2009 3:01	9.29	49.285	31.98	7.86	8.18	2.4	2.556	84.1
455	1/14/2009 3:16	9.29	49.235	31.94	7.7	8.17	2.3	2.524	82.3
456	1/14/2009 3:31	9.29	49.154	31.88	7.64	8.17	2.5	2.47	81.7
457	1/14/2009 3:46	9.23	48.792	31.62	8.02	8.19	3.3	2.384	85.5
458	1/14/2009 4:01	9.24	48.659	31.52	8.17	8.2	3.4	2.293	87
459	1/14/2009 4:16	9.24	48.445	31.37	8.32	8.21	3.8	2.184	88.5
460	1/14/2009 4:31	9.22	48.05	31.08	8.44	8.21	3.5	2.075	89.6
461	1/14/2009 4:46	9.23	47.825	30.92	8.38	8.21	2.9	1.979	89
462	1/14/2009 5:01	9.26	47.311	30.56	8.49	8.22	2.5	1.872	89.9
463	1/14/2009 5:16	9.25	47.144	30.44	8.52	8.22	2.6	1.784	90.2
464	1/14/2009 5:31	9.23	46.954	30.3	8.65	8.22	3.1	1.671	91.4
465	1/14/2009 5:46	9.21	46.764	30.16	8.77	8.23	3.3	1.568	92.6
466	1/14/2009 6:01	9.2	46.462	29.95	8.81	8.23	3.1	1.465	92.9
467	1/14/2009 6:16	9.18	46.16	29.73	8.84	8.23	3	1.375	93
468	1/14/2009 6:31	9.16	45.803	29.47	8.81	8.23	2.4	1.287	92.5
469	1/14/2009 6:46	9.13	45.42	29.2	8.88	8.23	2.4	1.192	93
470	1/14/2009 7:01	9.1	45.262	29.08	8.88	8.23	2.2	1.108	92.9
471	1/14/2009 7:16	9.08	45.136	28.99	8.85	8.23	2.3	1.052	92.5
472	1/14/2009 7:31	9.05	44.867	28.8	8.84	8.23	2.4	0.996	92.2
473	1/14/2009 7:46	9.02	44.548	28.57	8.86	8.23	2.7	0.95	92.2
474	1/14/2009 8:01	8.99	44.406	28.47	8.82	8.22	2.8	0.925	91.7
475	1/14/2009 8:16	8.97	44.558	28.58	8.76	8.22	2.3	0.947	91
476	1/14/2009 8:31	8.95	44.693	28.67	8.62	8.2	2.1	0.97	89.6
477	1/14/2009 8:46	8.88	44.874	28.79	8.49	8.19	2.7	1.001	88.2
478	1/14/2009 9:01	8.86	45.269	29.07	8.7	8.19	2.7	1.073	90.5
479	1/14/2009 9:16	8.87	45.564	29.28	8.99	8.23	3.5	1.16	93.6
480	1/14/2009 9:31	8.8	45.396	29.16	8.99	8.22	3.1	1.245	93.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
481	1/14/2009 9:46	8.74	45.307	29.09	9.02	8.22	3.2	1.341	93.5
482	1/14/2009 10:01	8.84	45.437	29.19	9.02	8.22	3.2	1.432	93.9
483	1/14/2009 10:16	8.99	45.974	29.58	8.97	8.23	3.2	1.52	93.9
484	1/14/2009 10:31	9.06	46.366	29.87	8.9	8.05	3.1	1.611	93.5
485	1/14/2009 10:46	9.14	46.898	30.25	8.78	8.22	3.1	1.686	92.6
486	1/14/2009 11:01	9.24	47.198	30.47	8.74	8.23	3.1	1.768	92.5
487	1/14/2009 11:16	9.27	47.35	30.59	8.72	8.22	2.9	1.847	92.5
488	1/14/2009 11:31	9.29	47.49	30.69	8.67	8.22	2.9	1.932	92
489	1/14/2009 11:46	9.29	47.702	30.84	8.62	8.22	3	2.005	91.6
490	1/14/2009 12:01	9.29	47.982	31.04	8.52	8.21	3.1	2.097	90.6
491	1/14/2009 12:16	9.3	48.127	31.14	8.45	8.21	2.9	2.181	89.9
492	1/14/2009 12:31	9.3	48.331	31.29	8.38	8.21	3	2.265	89.2
493	1/14/2009 12:46	9.28	48.601	31.48	8.3	8.2	2.8	2.346	88.5
494	1/14/2009 13:01	9.27	48.775	31.61	8.27	8.2	2.7	2.425	88.2
495	1/14/2009 13:16	9.27	48.869	31.67	8.23	8.2	2.4	2.49	87.8
496	1/14/2009 13:31	9.27	49.02	31.78	8.11	8.19	2.3	2.54	86.7
497	1/14/2009 13:46	9.28	49.205	31.92	8.03	8.01	2.3	2.594	85.9
498	1/14/2009 14:01	9.28	49.243	31.94	7.99	8.19	2.1	2.619	85.5
499	1/14/2009 14:16	9.29	49.256	31.95	7.93	8.18	1.9	2.617	84.8
500	1/14/2009 14:31	9.29	49.24	31.94	7.82	8.17	1.8	2.61	83.7
501	1/14/2009 14:46	9.3	49.137	31.87	7.66	8.16	1.8	2.564	81.9
502	1/14/2009 15:01	9.31	48.956	31.74	7.57	8.15	1.7	2.5	80.9
503	1/14/2009 15:16	9.49	48.638	31.52	8.22	8.06	2.5	2.406	88.1
504	1/14/2009 15:31	9.53	48.418	31.37	8.36	8.08	2.6	2.301	89.6
505	1/14/2009 15:46	9.54	48.195	31.21	8.42	8.08	2.3	2.196	90.2
506	1/14/2009 16:01	9.53	47.949	31.03	8.25	8.07	2.3	2.078	88.3
507	1/14/2009 16:16	9.54	47.665	30.83	8.22	8.2	2	1.962	87.7
508	1/14/2009 16:31	9.54	47.478	30.7	8.31	8.21	2.2	1.834	88.7
509	1/14/2009 16:46	9.54	47.218	30.51	8.33	8.2	1.8	1.717	88.8
510	1/14/2009 17:01	9.53	46.61	30.07	8.34	8.2	2	1.599	88.7
511	1/14/2009 17:16	9.53	45.922	29.58	8.4	8.2	2.1	1.456	89
512	1/14/2009 17:31	9.53	45.546	29.31	8.44	8.2	2.1	1.337	89.2
513	1/14/2009 17:46	9.52	45.414	29.22	8.49	8.19	2.1	1.19	89.7
514	1/14/2009 18:01	9.52	45.192	29.06	8.34	8.18	1.9	1.058	88
515	1/14/2009 18:16	9.51	44.729	28.73	8.28	8.18	2	0.916	87.2
516	1/14/2009 18:31	9.51	44.226	28.37	8.44	8.19	2.3	0.761	88.7
517	1/14/2009 18:46	9.52	43.683	27.99	8.6	8.2	2.4	0.629	90.1
518	1/14/2009 19:01	9.52	43.418	27.8	8.67	8.2	2.6	0.491	90.8
519	1/14/2009 19:16	9.53	43.273	27.7	8.58	8.18	2.7	0.377	89.8
520	1/14/2009 19:31	9.53	43.178	27.63	8.52	8.18	2.8	0.275	89.1
521	1/14/2009 19:46	9.53	43.138	27.61	8.48	8.17	2.7	0.201	88.7
522	1/14/2009 20:01	9.52	43.11	27.59	8.42	8.17	2.9	0.141	88.1
523	1/14/2009 20:16	9.5	43.105	27.58	8.15	8.14	2.4	0.143	85.2
524	1/14/2009 20:31	9.49	43.138	27.6	8.08	8.13	2.5	0.178	84.5
525	1/14/2009 20:46	9.48	43.152	27.61	7.91	8.13	2.2	0.221	82.6
526	1/14/2009 21:01	9.48	43.189	27.64	7.68	8.1	1.6	0.316	80.2
527	1/14/2009 21:16	9.46	43.254	27.68	7.11	8.04	1	0.384	74.2
528	1/14/2009 21:31	9.35	44.867	28.82	9.54	8.26	2.9	0.47	100.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
529	1/14/2009 21:46	9.32	44.838	28.8	9.68	8.28	3.1	0.56	101.6
530	1/14/2009 22:01	9.33	44.913	28.85	9.69	8.28	2.8	0.648	101.7
531	1/14/2009 22:16	9.37	45.01	28.92	9.7	8.28	2.7	0.739	101.9
532	1/14/2009 22:31	9.39	45.068	28.97	9.67	8.28	2.9	0.829	101.7
533	1/14/2009 22:46	9.4	45.158	29.03	9.7	8.28	2.9	0.93	102.1
534	1/14/2009 23:01	9.43	45.378	29.19	9.61	8.28	2.7	1.028	101.3
535	1/14/2009 23:16	9.41	45.626	29.36	9.49	8.27	2.9	1.149	100.1
536	1/14/2009 23:31	9.38	45.736	29.44	9.48	8.27	3.4	1.251	100
537	1/14/2009 23:46	9.42	46.16	29.74	9.38	8.26	3.7	1.359	99.2
538	1/15/2009 0:01	9.47	46.591	30.06	9.28	8.26	3.9	1.472	98.5
539	1/15/2009 0:16	9.48	46.786	30.2	9.25	8.26	4	1.58	98.3
540	1/15/2009 0:31	9.47	46.984	30.34	9.15	8.25	3.8	1.688	97.2
541	1/15/2009 0:46	9.47	47.143	30.45	9.07	8.25	4	1.777	96.5
542	1/15/2009 1:01	9.44	47.397	30.63	8.98	8.24	4.1	1.886	95.6
543	1/15/2009 1:16	9.42	47.679	30.83	8.89	8.24	4.3	1.99	94.7
544	1/15/2009 1:31	9.39	48.123	31.15	8.74	8.23	4	2.077	93.2
545	1/15/2009 1:46	9.35	48.664	31.53	8.61	8.22	3.7	2.185	91.9
546	1/15/2009 2:01	9.33	48.803	31.63	8.56	8.04	3.8	2.28	91.5
547	1/15/2009 2:16	9.29	48.861	31.67	8.5	8.22	3.7	2.374	90.8
548	1/15/2009 2:31	9.28	48.94	31.73	8.46	8.21	3.1	2.458	90.3
549	1/15/2009 2:46	9.26	49.055	31.81	8.35	8.21	2.8	2.532	89.2
550	1/15/2009 3:01	9.24	49.142	31.87	8.28	8.2	2.6	2.579	88.4
551	1/15/2009 3:16	9.23	49.212	31.92	8.2	8.02	2.3	2.61	87.6
552	1/15/2009 3:31	9.23	49.181	31.9	8	8.19	1.9	2.632	85.5
553	1/15/2009 3:46	9.23	49.078	31.82	8	8.18	1.7	2.612	85.4
554	1/15/2009 4:01	9.23	49.053	31.8	7.9	8.18	1.6	2.57	84.4
555	1/15/2009 4:16	9.19	48.914	31.7	8	8.18	2.4	2.499	85.3
556	1/15/2009 4:31	9.14	48.674	31.52	8.24	8.2	2.5	2.417	87.6
557	1/15/2009 4:46	9.12	48.557	31.44	8.34	8.21	2.7	2.331	88.6
558	1/15/2009 5:01	9.12	48.365	31.3	8.44	8.22	2.7	2.222	89.6
559	1/15/2009 5:16	9.14	48.207	31.19	8.45	8.22	2.7	2.106	89.7
560	1/15/2009 5:31	9.16	47.903	30.97	8.39	8.22	2.5	2.009	89
561	1/15/2009 5:46	9.17	47.609	30.76	8.42	8.04	2.1	1.912	89.1
562	1/15/2009 6:01	9.17	47.356	30.58	8.5	8.23	2.2	1.811	89.9
563	1/15/2009 6:16	9.16	47.159	30.44	8.61	8.23	2.2	1.701	91
564	1/15/2009 6:31	9.14	47.004	30.33	8.67	8.23	2.4	1.594	91.5
565	1/15/2009 6:46	9.13	46.83	30.2	8.74	8.24	2.6	1.513	92.1
566	1/15/2009 7:01	9.12	46.584	30.03	8.75	8.06	2.3	1.414	92.1
567	1/15/2009 7:16	9.1	46.258	29.79	8.79	8.24	2.4	1.314	92.3
568	1/15/2009 7:31	9.06	46.13	29.7	8.86	8.24	8.4	1.231	93
569	1/15/2009 7:46	9.02	45.886	29.52	8.84	8.06	2.1	1.154	92.6
570	1/15/2009 8:01	8.99	45.622	29.33	8.9	8.24	1.8	1.071	93
571	1/15/2009 8:16	8.96	45.484	29.23	8.93	8.25	1.8	0.987	93.2
572	1/15/2009 8:31	8.93	45.407	29.18	8.94	8.25	1.9	0.954	93.2
573	1/15/2009 8:46	8.91	45.359	29.14	8.91	8.24	1.9	0.92	92.8
574	1/15/2009 9:01	8.87	45.28	29.08	8.94	8.24	1.8	0.893	93
575	1/15/2009 9:16	8.86	45.323	29.11	8.86	8.24	2	0.906	92.2
576	1/15/2009 9:31	8.83	45.387	29.15	8.63	8.23	1.6	0.933	89.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
577	1/15/2009 9:46	8.76	45.586	29.29	8.48	8.19	1.7	0.989	88.1
578	1/15/2009 10:01	8.77	45.823	29.46	8.96	8.22	2.3	1.048	93.2
579	1/15/2009 10:16	8.84	45.914	29.53	9.08	8.24	2.5	1.13	94.6
580	1/15/2009 10:31	8.75	45.701	29.37	9.04	8.23	2.6	1.221	94
581	1/15/2009 10:46	8.74	45.706	29.38	9.02	8.23	2.6	1.298	93.8
582	1/15/2009 11:01	8.81	45.8	29.45	9.05	8.23	2.6	1.375	94.2
583	1/15/2009 11:16	8.91	46.076	29.65	9.03	8.23	2.3	1.454	94.4
584	1/15/2009 11:31	8.98	46.424	29.9	8.93	8.23	2.3	1.531	93.6
585	1/15/2009 11:46	9.03	46.723	30.12	8.89	8.23	2.3	1.596	93.4
586	1/15/2009 12:01	9.12	47.051	30.36	8.83	8.22	2.2	1.662	93.2
587	1/15/2009 12:16	9.2	47.303	30.55	8.83	8.23	2.1	1.739	93.5
588	1/15/2009 12:31	9.23	47.391	30.61	8.78	8.23	2.1	1.803	93
589	1/15/2009 12:46	9.26	47.493	30.69	8.78	8.23	2.4	1.875	93.1
590	1/15/2009 13:01	9.27	47.654	30.8	8.76	8.23	2.4	1.945	93
591	1/15/2009 13:16	9.27	47.817	30.92	8.71	8.23	2.4	2.018	92.5
592	1/15/2009 13:31	9.26	47.962	31.02	8.61	8.22	2.4	2.086	91.5
593	1/15/2009 13:46	9.26	48.047	31.08	8.57	8.21	2.2	2.148	91.2
594	1/15/2009 14:01	9.26	48.179	31.18	8.54	8.21	2.1	2.216	90.8
595	1/15/2009 14:16	9.27	48.329	31.29	8.42	8.21	1.8	2.273	89.7
596	1/15/2009 14:31	9.28	48.394	31.33	8.4	8.2	1.8	2.312	89.5
597	1/15/2009 14:46	9.29	48.457	31.38	8.36	8.2	1.6	2.344	89.1
598	1/15/2009 15:01	9.3	48.491	31.4	8.29	8.19	1.5	2.363	88.4
599	1/15/2009 15:16	9.31	48.491	31.41	8.16	8.19	1.3	2.366	87
600	1/15/2009 15:31	9.31	48.462	31.38	8.07	8.18	1.3	2.34	86.1
601	1/15/2009 15:46	9.31	48.361	31.31	7.93	8.17	1.1	2.279	84.6
602	1/15/2009 16:01	9.41	48.148	31.17	8.27	8.2	1.9	2.221	88.2
603	1/15/2009 16:16	9.51	47.971	31.05	8.67	8.23	2	2.141	92.7
604	1/15/2009 16:31	9.54	47.828	30.95	8.69	8.23	1.8	2.054	92.9
605	1/15/2009 16:46	9.52	47.699	30.85	8.51	8.22	1.6	1.953	90.9
606	1/15/2009 17:01	9.49	47.504	30.71	8.29	8.21	1.5	1.84	88.4
607	1/15/2009 17:16	9.48	47.382	30.62	8.25	8.2	1.7	1.763	87.9
608	1/15/2009 17:31	9.47	47.069	30.4	8.22	8.2	1.6	1.65	87.4
609	1/15/2009 17:46	9.46	46.596	30.06	8.28	8.2	1.6	1.541	87.8
610	1/15/2009 18:01	9.44	46.209	29.78	8.34	8.2	1.6	1.434	88.3
611	1/15/2009 18:16	9.43	45.886	29.55	8.39	8.2	1.8	1.315	88.7
612	1/15/2009 18:31	9.41	45.807	29.49	8.4	8.19	1.8	1.221	88.7
613	1/15/2009 18:46	9.41	45.723	29.43	8.43	8.2	1.6	1.089	89
614	1/15/2009 19:01	9.4	45.548	29.31	8.32	8.19	1.5	0.964	87.7
615	1/15/2009 19:16	9.4	45.352	29.17	8.28	8.19	1.5	0.871	87.2
616	1/15/2009 19:31	9.4	45.154	29.03	8.45	8.21	1.8	0.75	88.9
617	1/15/2009 19:46	9.4	45.018	28.93	8.51	8.21	1.9	0.645	89.5
618	1/15/2009 20:01	9.39	44.895	28.84	8.6	8.21	2.1	0.56	90.4
619	1/15/2009 20:16	9.39	44.806	28.78	8.62	8.21	2.1	0.51	90.5
620	1/15/2009 20:31	9.39	44.615	28.64	8.52	8.02	2.3	0.462	89.4
621	1/15/2009 20:46	9.38	44.189	28.34	8.33	8	2.6	0.416	87.3
622	1/15/2009 21:01	9.38	44.32	28.43	8.26	8.18	2.6	0.429	86.6
623	1/15/2009 21:16	9.37	44.498	28.56	8.25	8.18	2.2	0.452	86.6
624	1/15/2009 21:31	9.36	44.721	28.72	7.71	8.12	1.1	0.501	80.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
625	1/15/2009 21:46	9.35	44.853	28.81	7.4	8.1	0.7	0.548	77.6
626	1/15/2009 22:01	9.33	45.6	29.34	9.41	8.26	2	0.615	99
627	1/15/2009 22:16	9.3	45.585	29.33	9.72	8.29	2.4	0.721	102.2
628	1/15/2009 22:31	9.25	45.428	29.21	9.82	8.3	2.7	0.793	103.2
629	1/15/2009 22:46	9.23	45.358	29.16	9.79	8.3	2.7	0.876	102.7
630	1/15/2009 23:01	9.22	45.282	29.11	9.68	8.29	2.4	0.974	101.5
631	1/15/2009 23:16	9.26	45.38	29.18	9.73	8.29	2.5	1.06	102.2
632	1/15/2009 23:31	9.3	45.721	29.42	9.74	8.29	2.6	1.165	102.6
633	1/15/2009 23:46	9.29	45.815	29.49	9.65	8.29	2.4	1.25	101.6
634	1/16/2009 0:01	9.32	46.258	29.81	9.46	8.28	2.6	1.341	99.9
635	1/16/2009 0:16	9.34	46.724	30.14	9.27	8.26	2.7	1.444	98.1
636	1/16/2009 0:31	9.36	46.923	30.28	9.26	8.26	3	1.538	98.1
637	1/16/2009 0:46	9.36	47.047	30.37	9.22	8.26	3.1	1.63	97.8
638	1/16/2009 1:01	9.33	47.139	30.44	9.18	8.26	2.9	1.725	97.3
639	1/16/2009 1:16	9.34	47.296	30.55	9.11	8.25	3.3	1.828	96.7
640	1/16/2009 1:31	9.33	47.493	30.69	9.04	8.25	3.9	1.918	96
641	1/16/2009 1:46	9.29	47.76	30.88	8.95	8.24	3.7	2.016	95.1
642	1/16/2009 2:01	9.27	48	31.05	8.82	8.23	3.5	2.114	93.8
643	1/16/2009 2:16	9.27	48.377	31.32	8.61	8.22	3.4	2.207	91.7
644	1/16/2009 2:31	9.23	48.798	31.62	8.46	8.21	3.4	2.306	90.2
645	1/16/2009 2:46	9.21	48.992	31.76	8.35	8.21	2.9	2.396	89
646	1/16/2009 3:01	9.2	49.111	31.84	8.26	8.2	2.4	2.469	88.1
647	1/16/2009 3:16	9.19	49.261	31.95	8.13	8.2	2.2	2.542	86.8
648	1/16/2009 3:31	9.18	49.434	32.07	8	8.19	2.1	2.599	85.4
649	1/16/2009 3:46	9.18	49.5	32.12	7.91	8.18	1.8	2.636	84.5
650	1/16/2009 4:01	9.17	49.57	32.17	7.81	8.18	1.5	2.663	83.4
651	1/16/2009 4:16	9.17	49.53	32.14	7.74	8.18	1.5	2.661	82.7
652	1/16/2009 4:31	9.17	49.516	32.13	7.68	8.17	1.2	2.656	82.1
653	1/16/2009 4:46	9.18	49.421	32.06	7.49	8.17	1.1	2.591	80
654	1/16/2009 5:01	9.08	49.026	31.77	7.94	8.18	2.1	2.523	84.5
655	1/16/2009 5:16	9.04	48.774	31.59	8.15	8.2	2	2.452	86.6
656	1/16/2009 5:31	9.05	48.699	31.54	8.19	8.2	2.3	2.361	86.9
657	1/16/2009 5:46	9.07	48.459	31.37	8.33	8.21	2.3	2.253	88.3
658	1/16/2009 6:01	9.06	48.162	31.15	8.42	8.22	2.1	2.156	89.1
659	1/16/2009 6:16	9.08	47.942	31	8.39	8.22	1.8	2.059	88.8
660	1/16/2009 6:31	9.09	47.685	30.81	8.47	8.23	1.8	1.962	89.5
661	1/16/2009 6:46	9.08	47.455	30.65	8.56	8.24	1.8	1.852	90.4
662	1/16/2009 7:01	9.06	47.323	30.55	8.6	8.24	1.7	1.761	90.7
663	1/16/2009 7:16	9.05	47.236	30.49	8.67	8.24	2.4	1.657	91.4
664	1/16/2009 7:31	9.04	47.04	30.35	8.74	8.24	2	1.554	92
665	1/16/2009 7:46	9.02	46.861	30.22	8.74	8.24	1.6	1.47	91.9
666	1/16/2009 8:01	9.01	46.485	29.95	8.79	8.25	1.5	1.373	92.2
667	1/16/2009 8:16	8.99	46.179	29.73	8.88	8.25	1.6	1.278	93
668	1/16/2009 8:31	8.95	45.994	29.59	8.94	8.25	1.5	1.203	93.5
669	1/16/2009 8:46	8.91	45.712	29.39	8.99	8.25	1.6	1.098	93.8
670	1/16/2009 9:01	8.89	45.542	29.27	8.99	8.26	1.6	1.017	93.7
671	1/16/2009 9:16	8.87	45.463	29.21	9	8.26	1.6	0.967	93.8
672	1/16/2009 9:31	8.84	45.373	29.15	9.05	8.26	1.8	0.908	94.2

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
673	1/16/2009 9:46	8.82	45.354	29.13	9.08	8.26	1.8	0.872	94.4
674	1/16/2009 10:01	8.82	45.353	29.13	9.09	8.26	1.9	0.864	94.5
675	1/16/2009 10:16	8.81	45.361	29.14	9.04	8.26	1.8	0.874	94
676	1/16/2009 10:31	8.8	45.37	29.14	8.95	8.25	1.3	0.888	93
677	1/16/2009 10:46	8.78	45.448	29.19	8.42	8.2	0.9	0.942	87.5
678	1/16/2009 11:01	8.79	45.999	29.59	9.1	8.07	1.8	0.999	94.8
679	1/16/2009 11:16	8.87	46.072	29.64	9.2	8.26	2	1.067	96.1
680	1/16/2009 11:31	8.85	46.105	29.67	9.18	8.25	1.7	1.142	95.8
681	1/16/2009 11:46	8.82	45.976	29.57	9.13	8.24	2	1.214	95.2
682	1/16/2009 12:01	8.82	45.963	29.56	9.1	8.24	1.8	1.28	94.9
683	1/16/2009 12:16	8.84	46.005	29.6	9.11	8.24	2	1.353	95
684	1/16/2009 12:31	8.89	46.194	29.73	9.11	8.07	2	1.41	95.2
685	1/16/2009 12:46	8.93	46.464	29.93	9.02	8.06	1.8	1.48	94.5
686	1/16/2009 13:01	8.99	46.624	30.05	9	8.24	1.8	1.531	94.4
687	1/16/2009 13:16	9.01	46.782	30.16	8.93	8.23	1.6	1.588	93.9
688	1/16/2009 13:31	9.06	47.045	30.35	8.81	8.05	1.6	1.642	92.8
689	1/16/2009 13:46	9.11	47.171	30.45	8.79	8.23	1.8	1.693	92.8
690	1/16/2009 14:01	9.16	47.321	30.56	8.83	8.23	1.8	1.759	93.3
691	1/16/2009 14:16	9.17	47.467	30.66	8.77	8.23	1.6	1.817	92.7
692	1/16/2009 14:31	9.19	47.521	30.7	8.76	8.23	1.7	1.866	92.7
693	1/16/2009 14:46	9.21	47.585	30.75	8.75	8.22	1.6	1.915	92.7
694	1/16/2009 15:01	9.24	47.64	30.79	8.72	8.22	1.4	1.959	92.4
695	1/16/2009 15:16	9.24	47.687	30.82	8.67	8.22	1.2	1.982	91.9
696	1/16/2009 15:31	9.23	47.817	30.92	8.59	8.21	1.2	2.043	91.2
697	1/16/2009 15:46	9.23	47.867	30.95	8.51	8.2	1.2	2.061	90.3
698	1/16/2009 16:01	9.23	47.881	30.96	8.42	8.02	1.2	2.071	89.4
699	1/16/2009 16:16	9.23	47.906	30.98	8.36	8.02	0.8	2.09	88.7
700	1/16/2009 16:31	9.23	47.856	30.94	8.17	8.18	1	2.043	86.7
701	1/16/2009 16:46	9.24	47.808	30.91	8.13	7.99	0.9	2.024	86.3
702	1/16/2009 17:01	9.24	47.675	30.82	8.06	8.18	0.9	1.969	85.5
703	1/16/2009 17:16	9.32	47.581	30.75	8.11	8.2	1.2	1.898	86.1
704	1/16/2009 17:31	9.43	47.499	30.7	8.27	8.21	1.5	1.831	88.1
705	1/16/2009 17:46	9.49	47.354	30.6	8.18	8.2	1.3	1.75	87.2
706	1/16/2009 18:01	9.47	47.125	30.44	8.17	8.2	1.3	1.662	86.9
707	1/16/2009 18:16	9.44	46.971	30.33	8.16	8.2	1.3	1.605	86.6
708	1/16/2009 18:31	9.41	46.618	30.07	8.27	8.21	1.5	1.506	87.6
709	1/16/2009 18:46	9.39	46.312	29.85	8.27	8.21	1.6	1.436	87.5
710	1/16/2009 19:01	9.37	46.084	29.69	8.32	8.21	1.6	1.333	87.8
711	1/16/2009 19:16	9.34	46.001	29.63	8.38	8.21	1.5	1.239	88.5
712	1/16/2009 19:31	9.31	45.985	29.61	8.36	8.21	1.4	1.176	88.2
713	1/16/2009 19:46	9.29	45.922	29.57	8.43	8.21	1.2	1.097	88.8
714	1/16/2009 20:01	9.29	45.764	29.45	8.32	8.21	1.2	0.998	87.6
715	1/16/2009 20:16	9.29	45.588	29.33	8.24	8.21	1.6	0.945	86.7
716	1/16/2009 20:31	9.3	45.389	29.19	8.28	8.22	2	0.882	87
717	1/16/2009 20:46	9.31	45.335	29.15	8.31	8.04	2.1	0.821	87.3
718	1/16/2009 21:01	9.31	45.293	29.12	8.36	8.23	2.2	0.776	87.9
719	1/16/2009 21:16	9.31	45.284	29.11	8.38	8.23	2.1	0.767	88
720	1/16/2009 21:31	9.31	45.285	29.11	8.38	8.22	2.2	0.739	88

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
721	1/16/2009 21:46	9.31	45.275	29.11	8.32	8.22	2.3	0.724	87.5
722	1/16/2009 22:01	9.3	45.303	29.13	7.72	8.17	0.9	0.789	81.2
723	1/16/2009 22:16	9.29	45.341	29.15	7.51	8.12	0.9	0.802	78.9
724	1/16/2009 22:31	9.26	45.621	29.35	7.99	8.13	1.4	0.884	84
725	1/16/2009 22:46	9.25	46.031	29.64	9.64	8.13	1.8	0.923	101.6
726	1/16/2009 23:01	9.23	46.086	29.68	9.8	8.32	1.8	0.988	103.2
727	1/16/2009 23:16	9.22	46.054	29.66	9.8	8.31	1.8	1.058	103.2
728	1/16/2009 23:31	9.22	46.033	29.64	9.77	8.31	1.6	1.139	102.8
729	1/16/2009 23:46	9.22	46.02	29.63	9.62	8.12	2	1.237	101.3
730	1/17/2009 0:01	9.23	46.152	29.73	9.64	8.12	1.7	1.292	101.6
731	1/17/2009 0:16	9.23	46.334	29.86	9.55	8.29	1.8	1.364	100.7
732	1/17/2009 0:31	9.18	46.357	29.87	9.52	8.29	2	1.45	100.2
733	1/17/2009 0:46	9.2	46.469	29.95	9.34	8.28	1.8	1.531	98.4
734	1/17/2009 1:01	9.23	46.907	30.27	9.2	8.26	2	1.601	97.2
735	1/17/2009 1:16	9.24	47.166	30.45	9.14	8.26	2.2	1.687	96.7
736	1/17/2009 1:31	9.25	47.298	30.55	9.11	8.26	2.2	1.765	96.5
737	1/17/2009 1:46	9.24	47.452	30.66	9.05	8.25	2.4	1.86	95.9
738	1/17/2009 2:01	9.21	47.638	30.79	8.92	8.24	2.4	1.953	94.5
739	1/17/2009 2:16	9.18	47.858	30.94	8.77	8.23	2.7	2.045	93
740	1/17/2009 2:31	9.17	48.055	31.08	8.67	8.22	2.6	2.12	92
741	1/17/2009 2:46	9.16	48.206	31.19	8.61	8.04	2.6	2.197	91.4
742	1/17/2009 3:01	9.15	48.403	31.33	8.52	8.04	2.3	2.269	90.5
743	1/17/2009 3:16	9.16	48.675	31.53	8.4	8.2	2.1	2.358	89.4
744	1/17/2009 3:31	9.17	48.876	31.67	8.36	8.2	2.1	2.427	89
745	1/17/2009 3:46	9.18	49.203	31.91	8.35	8.2	1.9	2.511	89.1
746	1/17/2009 4:01	9.17	49.297	31.98	8.32	8.2	1.5	2.55	88.8
747	1/17/2009 4:16	9.17	49.331	32	8.26	8.19	1.5	2.608	88.2
748	1/17/2009 4:31	9.17	49.353	32.02	8.2	8.19	1.2	2.621	87.6
749	1/17/2009 4:46	9.16	49.364	32.02	8.19	8.19	1.2	2.641	87.4
750	1/17/2009 5:01	9.16	49.348	32.01	8.14	8.18	1	2.611	86.9
751	1/17/2009 5:16	9.16	49.336	32	8.03	8	0.9	2.594	85.7
752	1/17/2009 5:31	9.15	49.207	31.91	7.92	8.17	1	2.54	84.4
753	1/17/2009 5:46	8.97	48.72	31.55	8.26	8.02	1.8	2.464	87.5
754	1/17/2009 6:01	8.96	48.595	31.45	8.25	8.02	1.7	2.394	87.4
755	1/17/2009 6:16	9	48.486	31.38	8.18	8.02	1.4	2.307	86.6
756	1/17/2009 6:31	9.01	48.311	31.25	8.27	8.03	1.8	2.212	87.6
757	1/17/2009 6:46	9	48.159	31.14	8.29	8.03	1.7	2.129	87.7
758	1/17/2009 7:01	8.99	47.923	30.98	8.3	8.22	1.4	2.018	87.7
759	1/17/2009 7:16	8.98	47.756	30.85	8.37	8.22	1.5	1.94	88.3
760	1/17/2009 7:31	8.97	47.609	30.75	8.42	8.05	1.4	1.846	88.8
761	1/17/2009 7:46	8.96	47.399	30.6	8.52	8.06	1.4	1.75	89.6
762	1/17/2009 8:01	8.96	47.203	30.46	8.55	8.06	1.3	1.663	89.9
763	1/17/2009 8:16	8.95	46.888	30.23	8.64	8.07	1.3	1.583	90.7
764	1/17/2009 8:31	8.94	46.618	30.04	8.73	8.08	1.3	1.488	91.5
765	1/17/2009 8:46	8.91	46.47	29.93	8.8	8.26	1.3	1.389	92.1
766	1/17/2009 9:01	8.89	46.335	29.83	8.85	8.26	1.2	1.309	92.6
767	1/17/2009 9:16	8.88	46.207	29.74	8.92	8.09	1.2	1.211	93.2
768	1/17/2009 9:31	8.86	46.129	29.68	8.99	8.1	1.2	1.115	93.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
769	1/17/2009 9:46	8.85	46.088	29.65	8.94	8.1	1.3	1.046	93.4
770	1/17/2009 10:01	8.84	46.041	29.62	8.91	8.1	1.2	0.985	93
771	1/17/2009 10:16	8.83	45.927	29.54	8.7	8.08	1.3	0.917	90.7
772	1/17/2009 10:31	8.82	45.836	29.47	8.47	8.07	1.3	0.882	88.3
773	1/17/2009 10:46	8.82	45.65	29.34	8	8.03	1.3	0.838	83.3
774	1/17/2009 11:01	8.82	45.601	29.31	7.83	8.03	1.5	0.831	81.5
775	1/17/2009 11:16	8.83	45.617	29.32	7.85	8.02	1.5	0.842	81.7
776	1/17/2009 11:31	8.83	45.842	29.48	8.39	8.23	3.2	0.853	87.4
777	1/17/2009 11:46	8.83	46.057	29.63	8.84	8.25	3.1	0.898	92.2
778	1/17/2009 12:01	8.83	46.126	29.68	8.97	8.26	2.5	0.927	93.6
779	1/17/2009 12:16	8.93	46.233	29.76	9.35	8.28	1.7	0.984	97.8
780	1/17/2009 12:31	8.95	46.33	29.83	9.4	8.11	1.6	1.045	98.5
781	1/17/2009 12:46	8.94	46.218	29.75	9.33	8.1	1.5	1.099	97.7
782	1/17/2009 13:01	8.93	46.215	29.75	9.3	8.27	2	1.16	97.3
783	1/17/2009 13:16	8.92	46.196	29.74	9.23	8.09	3.2	1.223	96.6
784	1/17/2009 13:31	8.91	46.217	29.75	9.21	8.09	2	1.253	96.4
785	1/17/2009 13:46	8.9	46.264	29.78	9.24	8.26	1.8	1.315	96.7
786	1/17/2009 14:01	8.91	46.373	29.86	9.27	8.27	1.5	1.374	97
787	1/17/2009 14:16	8.93	46.536	29.98	9.13	8.26	1.5	1.434	95.7
788	1/17/2009 14:31	8.96	46.666	30.07	9.05	8.08	1.3	1.478	94.9
789	1/17/2009 14:46	9	46.813	30.18	9.02	8.07	1.2	1.534	94.8
790	1/17/2009 15:01	9	47.001	30.32	8.91	8.06	1.1	1.588	93.8
791	1/17/2009 15:16	9.04	47.239	30.49	8.85	8.24	1.2	1.635	93.3
792	1/17/2009 15:31	9.07	47.32	30.55	8.81	8.23	1.2	1.673	92.9
793	1/17/2009 15:46	9.1	47.377	30.59	8.79	8.24	1.2	1.704	92.8
794	1/17/2009 16:01	9.11	47.455	30.65	8.78	8.05	1	1.753	92.8
795	1/17/2009 16:16	9.1	47.525	30.7	8.73	8.05	1	1.784	92.3
796	1/17/2009 16:31	9.1	47.573	30.73	8.66	8.05	1	1.819	91.6
797	1/17/2009 16:46	9.1	47.629	30.77	8.59	8.04	0.9	1.853	90.9
798	1/17/2009 17:01	9.1	47.647	30.79	8.54	8.03	0.9	1.856	90.3
799	1/17/2009 17:16	9.11	47.658	30.79	8.49	8.21	0.9	1.865	89.8
800	1/17/2009 17:31	9.11	47.674	30.81	8.39	8.2	0.8	1.873	88.8
801	1/17/2009 17:46	9.11	47.624	30.77	8.3	8.2	0.8	1.828	87.8
802	1/17/2009 18:01	9.11	47.583	30.74	8.11	8.01	0.9	1.805	85.7
803	1/17/2009 18:16	9.12	47.504	30.68	8.01	8.18	0.9	1.768	84.6
804	1/17/2009 18:31	9.14	47.434	30.64	8.06	8.19	0.7	1.72	85.3
805	1/17/2009 18:46	9.17	47.335	30.57	8.06	8.2	1.2	1.66	85.2
806	1/17/2009 19:01	9.23	47.104	30.41	8.11	8.21	1.2	1.587	85.8
807	1/17/2009 19:16	9.32	46.891	30.26	8.22	8.21	1.3	1.524	87
808	1/17/2009 19:31	9.4	46.691	30.12	8.32	8.22	1.5	1.453	88.2
809	1/17/2009 19:46	9.41	46.455	29.95	8.42	8.23	1.5	1.393	89.2
810	1/17/2009 20:01	9.37	46.291	29.83	8.4	8.23	1.5	1.324	88.8
811	1/17/2009 20:16	9.33	46.212	29.78	8.45	8.23	1.7	1.261	89.2
812	1/17/2009 20:31	9.31	46.179	29.75	8.4	8.24	1.6	1.216	88.6
813	1/17/2009 20:46	9.28	46.164	29.74	8.41	8.24	1.6	1.147	88.6
814	1/17/2009 21:01	9.26	46.151	29.73	8.4	8.24	1.8	1.123	88.5
815	1/17/2009 21:16	9.25	46.14	29.72	8.35	8.24	1.6	1.082	88
816	1/17/2009 21:31	9.24	46.113	29.7	8.31	8.23	1.6	1.047	87.5

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
817	1/17/2009 21:46	9.23	46.108	29.7	8.25	8.23	1.7	1.043	86.9
818	1/17/2009 22:01	9.23	46.081	29.68	8.16	8.23	1.6	1.003	85.9
819	1/17/2009 22:16	9.23	46.097	29.69	8.15	8.22	1.6	1.018	85.8
820	1/17/2009 22:31	9.23	46.102	29.69	8.09	8.22	1.5	1.024	85.2
821	1/17/2009 22:46	9.23	46.111	29.7	8	8.2	0.9	1.044	84.2
822	1/17/2009 23:01	9.22	46.136	29.71	7.56	8.16	0.4	1.078	79.6
823	1/17/2009 23:16	9.19	46.199	29.76	7.58	8.12	0.4	1.118	79.8
824	1/17/2009 23:31	9.13	46.434	29.92	9.1	8.27	1.4	1.182	95.7
825	1/17/2009 23:46	9.11	46.479	29.95	9.31	8.29	1.4	1.202	98
826	1/18/2009 0:01	9.08	46.514	29.97	9.37	8.12	1.5	1.272	98.5
827	1/18/2009 0:16	9.08	46.537	29.99	9.42	8.29	1.3	1.336	99.1
828	1/18/2009 0:31	9.1	46.59	30.03	9.35	8.28	1.5	1.402	98.4
829	1/18/2009 0:46	9.13	46.659	30.08	9.33	8.28	1.3	1.457	98.3
830	1/18/2009 1:01	9.14	46.787	30.17	9.21	8.27	1.4	1.502	97.1
831	1/18/2009 1:16	9.14	46.958	30.3	9.15	8.27	1.6	1.595	96.5
832	1/18/2009 1:31	9.14	47.017	30.34	9.15	8.27	1.6	1.665	96.6
833	1/18/2009 1:46	9.14	47.26	30.51	9.02	8.26	1.4	1.723	95.3
834	1/18/2009 2:01	9.12	47.506	30.69	8.89	8.25	1.5	1.796	94
835	1/18/2009 2:16	9.11	47.643	30.78	8.86	8.24	1.5	1.88	93.7
836	1/18/2009 2:31	9.11	47.777	30.88	8.78	8.23	1.4	1.947	92.9
837	1/18/2009 2:46	9.12	47.949	31	8.74	8.23	1.5	2.024	92.6
838	1/18/2009 3:01	9.12	48.17	31.16	8.64	8.22	1.5	2.101	91.6
839	1/18/2009 3:16	9.14	48.379	31.31	8.6	8.22	1.5	2.181	91.3
840	1/18/2009 3:31	9.15	48.496	31.4	8.56	8.21	1.3	2.247	91
841	1/18/2009 3:46	9.14	48.602	31.47	8.56	8.04	1.6	2.329	91
842	1/18/2009 4:01	9.12	48.693	31.54	8.54	8.04	1.5	2.398	90.8
843	1/18/2009 4:16	9.11	48.793	31.61	8.5	8.21	1.3	2.452	90.4
844	1/18/2009 4:31	9.12	48.887	31.68	8.5	8.21	1.3	2.508	90.4
845	1/18/2009 4:46	9.12	48.984	31.75	8.48	8.21	1	2.551	90.3
846	1/18/2009 5:01	9.13	49.051	31.8	8.44	8.2	0.9	2.586	89.8
847	1/18/2009 5:16	9.14	49.09	31.82	8.41	8.19	0.8	2.619	89.6
848	1/18/2009 5:31	9.14	49.094	31.83	8.36	8.19	0.9	2.601	89
849	1/18/2009 5:46	9.14	49.09	31.82	8.32	8.19	0.9	2.599	88.6
850	1/18/2009 6:01	9.14	49.05	31.79	8.23	8.19	0.8	2.566	87.7
851	1/18/2009 6:16	9.14	48.893	31.68	8.01	8.18	0.9	2.51	85.3
852	1/18/2009 6:31	9	48.701	31.53	8.24	8.02	1.2	2.458	87.4
853	1/18/2009 6:46	9	48.569	31.44	8.33	8.03	1.4	2.389	88.2
854	1/18/2009 7:01	9.02	48.522	31.41	8.25	8.2	1.2	2.303	87.4
855	1/18/2009 7:16	8.98	48.358	31.29	8.38	8.04	1.3	2.234	88.6
856	1/18/2009 7:31	8.95	48.153	31.14	8.41	8.22	1.3	2.135	88.8
857	1/18/2009 7:46	8.95	48.03	31.05	8.31	8.22	1	2.052	87.7
858	1/18/2009 8:01	8.95	47.878	30.94	8.23	8.05	1	1.964	86.8
859	1/18/2009 8:16	8.95	47.691	30.81	8.27	8.05	1.2	1.869	87.2
860	1/18/2009 8:31	8.94	47.527	30.69	8.28	8.23	1	1.793	87.2
861	1/18/2009 8:46	8.93	47.254	30.49	8.41	8.24	1.1	1.709	88.4
862	1/18/2009 9:01	8.93	47.109	30.39	8.47	8.25	1.3	1.62	88.9
863	1/18/2009 9:16	8.92	46.877	30.22	8.5	8.25	1.1	1.522	89.2
864	1/18/2009 9:31	8.91	46.766	30.14	8.53	8.25	1.2	1.425	89.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
865	1/18/2009 9:46	8.92	46.654	30.06	8.49	8.08	1	1.343	88.9
866	1/18/2009 10:01	8.92	46.504	29.96	8.25	8.24	0.9	1.237	86.4
867	1/18/2009 10:16	8.93	46.362	29.86	7.86	8.21	1	1.151	82.3
868	1/18/2009 10:31	8.94	46.218	29.75	7.6	8.2	1.3	1.064	79.5
869	1/18/2009 10:46	8.94	46.142	29.7	7.58	8.21	1.6	0.991	79.3
870	1/18/2009 11:01	8.95	46.088	29.66	7.59	8.21	1.8	0.918	79.4
871	1/18/2009 11:16	8.96	45.943	29.56	7.62	8.22	2.1	0.859	79.7
872	1/18/2009 11:31	8.97	45.818	29.47	7.53	8.21	2.2	0.821	78.8
873	1/18/2009 11:46	9	45.567	29.29	7.37	8.02	2.4	0.763	77
874	1/18/2009 12:01	9.01	45.559	29.29	7.36	8.19	2.7	0.768	77
875	1/18/2009 12:16	9.04	45.503	29.25	7.32	8.19	2.7	0.741	76.5
876	1/18/2009 12:31	9.05	45.516	29.26	7.27	8.19	2.7	0.754	76
877	1/18/2009 12:46	9.1	45.878	29.52	7.15	8.22	2.4	0.796	74.9
878	1/18/2009 13:01	9.11	45.934	29.56	8.13	8.23	3	0.81	85.4
879	1/18/2009 13:16	9.12	45.964	29.59	8.2	8.06	2.3	0.866	86
880	1/18/2009 13:31	9.14	46.081	29.67	8.33	8.25	1.6	0.907	87.5
881	1/18/2009 13:46	9.18	46.359	29.87	9.58	8.15	1.3	0.974	100.9
882	1/18/2009 14:01	9.18	46.401	29.9	9.64	8.32	1.3	1.013	101.5
883	1/18/2009 14:16	9.15	46.439	29.93	9.57	8.31	1	1.057	100.8
884	1/18/2009 14:31	9.13	46.454	29.93	9.51	8.31	1.2	1.117	100.1
885	1/18/2009 14:46	9.12	46.42	29.91	9.46	8.31	1.2	1.169	99.5
886	1/18/2009 15:01	9.1	46.432	29.92	9.41	8.13	1.3	1.227	98.9
887	1/18/2009 15:16	9.09	46.426	29.91	9.42	8.13	1.1	1.256	99
888	1/18/2009 15:31	9.08	46.418	29.91	9.35	8.12	1.1	1.312	98.3
889	1/18/2009 15:46	9.06	46.425	29.91	9.28	8.29	1.3	1.366	97.5
890	1/18/2009 16:01	9.05	46.435	29.92	9.24	8.29	1.2	1.409	97.1
891	1/18/2009 16:16	9.07	46.487	29.95	9.18	8.28	1.1	1.457	96.5
892	1/18/2009 16:31	9.1	46.607	30.04	9.14	8.27	1.1	1.497	96.2
893	1/18/2009 16:46	9.1	46.861	30.22	9.03	8.26	1	1.549	95.1
894	1/18/2009 17:01	9.12	47.06	30.37	8.92	8.25	1	1.586	94.1
895	1/18/2009 17:16	9.12	47.146	30.43	8.88	8.25	1.2	1.619	93.7
896	1/18/2009 17:31	9.11	47.241	30.5	8.76	8.25	0.9	1.65	92.5
897	1/18/2009 17:46	9.12	47.337	30.56	8.68	8.24	0.7	1.683	91.7
898	1/18/2009 18:01	9.13	47.391	30.6	8.68	8.24	0.8	1.701	91.7
899	1/18/2009 18:16	9.13	47.423	30.63	8.63	8.24	0.7	1.715	91.2
900	1/18/2009 18:31	9.14	47.45	30.65	8.55	8.23	0.7	1.733	90.4
901	1/18/2009 18:46	9.14	47.467	30.66	8.48	8.22	0.6	1.733	89.7
902	1/18/2009 19:01	9.13	47.464	30.66	8.43	8.22	0.6	1.733	89.1
903	1/18/2009 19:16	9.13	47.447	30.64	8.36	8.22	0.6	1.716	88.4
904	1/18/2009 19:31	9.13	47.391	30.6	8.26	8.2	0.6	1.692	87.3
905	1/18/2009 19:46	9.12	47.3	30.54	8.01	8.19	0.5	1.661	84.6
906	1/18/2009 20:01	9.11	47.146	30.43	8.07	8.21	0.7	1.612	85.2
907	1/18/2009 20:16	9.1	47.053	30.36	8.08	8.21	0.8	1.578	85.2
908	1/18/2009 20:31	9.09	46.833	30.2	8.05	8.05	1.2	1.526	84.8
909	1/18/2009 20:46	9.11	46.612	30.05	8.17	8.26	1.2	1.475	85.9
910	1/18/2009 21:01	9.16	46.555	30.01	8.23	8.08	1.3	1.45	86.7
911	1/18/2009 21:16	9.24	46.461	29.95	8.54	8.09	1.2	1.39	90.1
912	1/18/2009 21:31	9.28	46.436	29.93	8.52	8.27	1.3	1.363	90

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
913	1/18/2009 21:46	9.31	46.412	29.92	8.61	8.28	1.3	1.323	90.9
914	1/18/2009 22:01	9.35	46.395	29.91	8.62	8.27	1.3	1.291	91.2
915	1/18/2009 22:16	9.35	46.395	29.91	8.56	8.27	1.2	1.282	90.5
916	1/18/2009 22:31	9.35	46.388	29.9	8.48	8.27	1.3	1.258	89.7
917	1/18/2009 22:46	9.35	46.379	29.9	8.42	8.26	1.3	1.258	89.1
918	1/18/2009 23:01	9.36	46.384	29.9	8.36	8.26	1.3	1.259	88.4
919	1/18/2009 23:16	9.37	46.38	29.9	8.24	8.25	1.1	1.28	87.1
920	1/18/2009 23:31	9.36	46.381	29.9	7.9	8.22	0.5	1.29	83.5
921	1/18/2009 23:46	9.34	46.393	29.91	7.65	8.19	0.5	1.307	80.9
922	1/19/2009 0:01	9.27	46.452	29.94	7.71	8.19	0.6	1.346	81.4
923	1/19/2009 0:16	9.24	46.509	29.98	8.28	8.23	0.7	1.371	87.4
924	1/19/2009 0:31	9.17	46.652	30.08	8.89	8.28	1.2	1.415	93.8
925	1/19/2009 0:46	9.1	46.713	30.12	9.35	8.31	1.3	1.452	98.4
926	1/19/2009 1:01	9.05	46.708	30.11	9.36	8.31	1.2	1.502	98.4
927	1/19/2009 1:16	9.04	46.709	30.11	9.3	8.3	0.9	1.543	97.7
928	1/19/2009 1:31	9.05	46.745	30.14	9.16	8.29	0.9	1.588	96.3
929	1/19/2009 1:46	9.06	47.078	30.38	8.93	8.26	0.9	1.638	94
930	1/19/2009 2:01	9.06	47.37	30.58	8.78	8.08	1.2	1.694	92.7
931	1/19/2009 2:16	9.05	47.454	30.64	8.79	8.26	1.2	1.744	92.8
932	1/19/2009 2:31	9.04	47.476	30.66	8.75	8.25	1.1	1.791	92.3
933	1/19/2009 2:46	9.01	47.541	30.7	8.81	8.26	1.3	1.859	92.9
934	1/19/2009 3:01	9	47.595	30.74	8.78	8.09	1	1.917	92.6
935	1/19/2009 3:16	9.04	47.803	30.89	8.76	8.25	1	1.982	92.5
936	1/19/2009 3:31	9.12	48.143	31.14	8.67	8.07	1.2	2.052	91.9
937	1/19/2009 3:46	9.17	48.33	31.28	8.67	8.07	1.2	2.115	92.1
938	1/19/2009 4:01	9.21	48.595	31.47	8.66	8.24	1.1	2.187	92.2
939	1/19/2009 4:16	9.21	48.657	31.52	8.64	8.24	1.1	2.248	92
940	1/19/2009 4:31	9.2	48.723	31.57	8.65	8.06	1.2	2.313	92.1
941	1/19/2009 4:46	9.2	48.81	31.63	8.61	8.06	1.2	2.367	91.8
942	1/19/2009 5:01	9.19	48.86	31.66	8.63	8.24	1.2	2.425	91.9
943	1/19/2009 5:16	9.18	48.903	31.69	8.6	8.06	0.9	2.481	91.6
944	1/19/2009 5:31	9.18	48.918	31.7	8.55	8.23	0.8	2.491	91.1
945	1/19/2009 5:46	9.17	48.941	31.72	8.49	8.22	0.5	2.533	90.5
946	1/19/2009 6:01	9.17	48.985	31.75	8.4	8.21	0.4	2.564	89.5
947	1/19/2009 6:16	9.17	48.986	31.75	8.36	8.03	0.5	2.552	89.1
948	1/19/2009 6:31	9.17	48.964	31.74	8.27	8.03	0.5	2.54	88.1
949	1/19/2009 6:46	9.16	48.972	31.74	8.26	8.21	0.5	2.536	88
950	1/19/2009 7:01	9.14	48.902	31.69	8.07	8.02	0.6	2.503	85.9
951	1/19/2009 7:16	8.99	48.718	31.55	8.29	8.04	1	2.435	87.9
952	1/19/2009 7:31	8.94	48.566	31.43	8.36	8.23	1.2	2.381	88.5
953	1/19/2009 7:46	8.95	48.495	31.38	8.4	8.06	1.1	2.324	88.9
954	1/19/2009 8:01	8.96	48.455	31.35	8.41	8.23	1.1	2.243	89
955	1/19/2009 8:16	8.94	48.377	31.3	8.44	8.23	1.3	2.173	89.2
956	1/19/2009 8:31	8.9	48.187	31.16	8.43	8.24	1	2.079	89
957	1/19/2009 8:46	8.88	48.013	31.03	8.28	8.23	1	2.005	87.2
958	1/19/2009 9:01	8.89	47.785	30.87	8.18	8.07	1	1.929	86.2
959	1/19/2009 9:16	8.9	47.637	30.76	8.22	8.07	1	1.848	86.5
960	1/19/2009 9:31	8.91	47.515	30.68	8.26	8.24	1	1.76	86.9

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
961	1/19/2009 9:46	8.91	47.304	30.53	8.29	8.25	1.2	1.663	87.2
962	1/19/2009 10:01	8.91	46.963	30.28	8.31	8.26	1.1	1.577	87.2
963	1/19/2009 10:16	8.92	46.78	30.15	8.27	8.26	1	1.484	86.7
964	1/19/2009 10:31	8.93	46.656	30.06	8.04	8.25	1.1	1.396	84.3
965	1/19/2009 10:46	8.95	46.565	30	7.94	8.08	1.4	1.297	83.2
966	1/19/2009 11:01	8.98	46.496	29.95	7.83	8.25	1.4	1.208	82.2
967	1/19/2009 11:16	9.01	46.46	29.93	7.88	8.08	1.5	1.108	82.7
968	1/19/2009 11:31	9.04	46.408	29.9	7.92	8.25	1.5	1.016	83.2
969	1/19/2009 11:46	9.07	46.257	29.79	7.79	8.25	1.6	0.936	81.8
970	1/19/2009 12:01	9.09	46.139	29.71	7.61	8.24	1.8	0.858	79.9
971	1/19/2009 12:16	9.13	45.984	29.6	7.45	8.23	2.1	0.786	78.2
972	1/19/2009 12:31	9.16	45.866	29.52	7.32	8.22	2.4	0.744	76.9
973	1/19/2009 12:46	9.19	45.685	29.39	7.26	8.21	2.6	0.701	76.2
974	1/19/2009 13:01	9.24	45.423	29.21	7.12	8.2	3	0.669	74.8
975	1/19/2009 13:16	9.26	45.43	29.21	7.1	8.19	3	0.667	74.6
976	1/19/2009 13:31	9.29	45.412	29.2	7.01	8.19	2.9	0.664	73.7
977	1/19/2009 13:46	9.31	45.533	29.29	7.01	8.18	2.6	0.688	73.7
978	1/19/2009 14:01	9.33	45.615	29.35	6.85	8.17	2.4	0.701	72.1
979	1/19/2009 14:16	9.37	45.783	29.47	6.61	8.14	1.2	0.746	69.7
980	1/19/2009 14:31	9.44	46.08	29.69	7.54	8.17	0.4	0.786	79.8
981	1/19/2009 14:46	9.47	46.507	29.99	9.77	8.36	1.1	0.841	103.6
982	1/19/2009 15:01	9.45	46.534	30.01	9.86	8.36	1.1	0.886	104.5
983	1/19/2009 15:16	9.42	46.256	29.81	9.77	8.36	1.3	0.933	103.4
984	1/19/2009 15:31	9.35	46.076	29.68	9.73	8.36	1.7	1.002	102.7
985	1/19/2009 15:46	9.3	46.009	29.63	9.65	8.35	1.5	1.031	101.7
986	1/19/2009 16:01	9.29	46.023	29.64	9.56	8.34	1.3	1.083	100.8
987	1/19/2009 16:16	9.25	46.086	29.68	9.51	8.33	1.4	1.147	100.2
988	1/19/2009 16:31	9.23	46.125	29.71	9.6	8.34	1.2	1.186	101.1
989	1/19/2009 16:46	9.21	46.154	29.73	9.55	8.16	1.1	1.247	100.5
990	1/19/2009 17:01	9.19	46.218	29.77	9.46	8.15	1.2	1.289	99.6
991	1/19/2009 17:16	9.17	46.34	29.86	9.33	8.15	1	1.337	98.2
992	1/19/2009 17:31	9.16	46.511	29.98	9.32	8.14	0.9	1.401	98.2
993	1/19/2009 17:46	9.16	46.626	30.06	9.19	8.3	1	1.445	96.8
994	1/19/2009 18:01	9.15	46.796	30.18	9.11	8.29	0.9	1.483	96.1
995	1/19/2009 18:16	9.12	47.123	30.41	8.92	8.27	0.9	1.536	94.1
996	1/19/2009 18:31	9.12	47.324	30.56	8.87	8.1	0.9	1.58	93.7
997	1/19/2009 18:46	9.12	47.374	30.59	8.84	8.27	0.7	1.614	93.4
998	1/19/2009 19:01	9.11	47.422	30.62	8.79	8.26	0.7	1.649	92.9
999	1/19/2009 19:16	9.1	47.469	30.66	8.77	8.26	0.7	1.675	92.7
1000	1/19/2009 19:31	9.09	47.498	30.68	8.63	8.25	0.6	1.694	91.1
1001	1/19/2009 19:46	9.09	47.526	30.7	8.58	8.24	0.5	1.715	90.7
1002	1/19/2009 20:01	9.08	47.537	30.71	8.49	8.23	0.4	1.727	89.7
1003	1/19/2009 20:16	9.08	47.538	30.71	8.4	8.23	0.4	1.725	88.8
1004	1/19/2009 20:31	9.08	47.543	30.71	8.35	8.05	0.4	1.726	88.2
1005	1/19/2009 20:46	9.08	47.542	30.71	8.29	8.05	0.5	1.715	87.5
1006	1/19/2009 21:01	9.08	47.5	30.68	8.24	8.22	0.4	1.681	87
1007	1/19/2009 21:16	9.08	47.485	30.67	8.11	8.21	0.5	1.672	85.7
1008	1/19/2009 21:31	9.07	47.428	30.63	8.03	8.21	0.4	1.639	84.7

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1009	1/19/2009 21:46	9.06	47.368	30.58	8.01	8.22	0.5	1.605	84.5
1010	1/19/2009 22:01	9.05	47.328	30.55	8	8.21	0.5	1.584	84.4
1011	1/19/2009 22:16	9.04	47.17	30.44	8	8.23	1.2	1.542	84.3
1012	1/19/2009 22:31	9.03	47.022	30.33	8.03	8.07	1.2	1.516	84.6
1013	1/19/2009 22:46	9.04	46.887	30.24	8.05	8.09	1.1	1.488	84.7
1014	1/19/2009 23:01	9.05	46.808	30.18	8.09	8.08	1.3	1.47	85.1
1015	1/19/2009 23:16	9.07	46.724	30.12	8.25	8.08	1.2	1.447	86.8
1016	1/19/2009 23:31	9.1	46.663	30.08	8.27	8.26	1.2	1.43	87
1017	1/19/2009 23:46	9.11	46.666	30.08	8.14	8.26	1.2	1.428	85.7
1018	1/20/2009 0:01	9.12	46.677	30.09	8.08	8.08	1.2	1.428	85
1019	1/20/2009 0:16	9.12	46.703	30.11	8.01	8.25	1.2	1.439	84.3
1020	1/20/2009 0:31	9.1	46.708	30.11	8.57	8.28	1.2	1.443	90.2
1021	1/20/2009 0:46	9.07	46.718	30.12	8.73	8.12	1.2	1.472	91.8
1022	1/20/2009 1:01	9.04	46.721	30.12	8.64	8.29	1	1.494	90.9
1023	1/20/2009 1:16	9.03	46.719	30.12	8.57	8.29	0.9	1.509	90.1
1024	1/20/2009 1:31	9.01	46.738	30.13	8.73	8.1	0.7	1.552	91.7
1025	1/20/2009 1:46	9.01	46.798	30.17	8.75	8.11	0.8	1.584	92
1026	1/20/2009 2:01	9.02	46.896	30.24	8.97	8.13	0.7	1.63	94.3
1027	1/20/2009 2:16	9.01	47.005	30.32	8.93	8.12	0.7	1.663	93.9
1028	1/20/2009 2:31	9	47.199	30.46	8.86	8.11	0.9	1.698	93.2
1029	1/20/2009 2:46	9	47.454	30.64	8.81	8.27	0.9	1.758	92.8
1030	1/20/2009 3:01	9.02	47.625	30.76	8.79	8.09	1	1.805	92.8
1031	1/20/2009 3:16	9.02	47.731	30.84	8.83	8.09	1.3	1.849	93.2
1032	1/20/2009 3:31	9.01	47.761	30.86	8.8	8.1	1.1	1.899	92.9
1033	1/20/2009 3:46	8.99	47.787	30.88	8.76	8.1	1.2	1.969	92.4
1034	1/20/2009 4:01	8.99	47.825	30.91	8.8	8.1	1	2.021	92.9
1035	1/20/2009 4:16	9.03	47.996	31.03	8.74	8.09	0.9	2.081	92.5
1036	1/20/2009 4:31	9.09	48.267	31.23	8.77	8.09	1	2.143	93
1037	1/20/2009 4:46	9.13	48.431	31.35	8.75	8.25	1	2.204	92.9
1038	1/20/2009 5:01	9.22	48.576	31.46	8.74	8.08	0.9	2.267	93
1039	1/20/2009 5:16	9.28	48.79	31.62	8.73	8.08	1	2.319	93.1
1040	1/20/2009 5:31	9.29	48.89	31.69	8.72	8.25	0.8	2.381	93.1
1041	1/20/2009 5:46	9.29	48.968	31.75	8.72	8.08	0.8	2.434	93.2
1042	1/20/2009 6:01	9.29	49.038	31.8	8.71	8.08	0.8	2.481	93
1043	1/20/2009 6:16	9.28	49.082	31.83	8.68	8.25	0.5	2.513	92.8
1044	1/20/2009 6:31	9.28	49.098	31.84	8.61	8.24	0.3	2.532	92
1045	1/20/2009 6:46	9.27	49.112	31.85	8.52	8.24	0.3	2.55	91
1046	1/20/2009 7:01	9.27	49.073	31.82	8.51	8.23	0.5	2.558	91
1047	1/20/2009 7:16	9.26	49.042	31.8	8.35	8.23	0.4	2.539	89.1
1048	1/20/2009 7:31	9.25	49.026	31.79	8.26	8.22	0.4	2.516	88.2
1049	1/20/2009 7:46	9.25	49.019	31.78	8.22	8.22	0.4	2.495	87.7
1050	1/20/2009 8:01	9.06	48.695	31.53	8.29	8.06	0.7	2.448	88
1051	1/20/2009 8:16	8.94	48.644	31.49	8.36	8.07	0.9	2.391	88.5
1052	1/20/2009 8:31	8.89	48.502	31.38	8.39	8.07	0.9	2.34	88.7
1053	1/20/2009 8:46	8.87	48.362	31.28	8.47	8.08	1	2.268	89.3
1054	1/20/2009 9:01	8.88	48.319	31.25	8.45	8.25	0.9	2.198	89.2
1055	1/20/2009 9:16	8.9	48.252	31.2	8.3	8.24	0.9	2.132	87.6
1056	1/20/2009 9:31	8.92	47.972	31	8.16	8.08	0.9	2.051	86.1

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1057	1/20/2009 9:46	8.93	47.843	30.91	8.14	8.25	1	1.965	85.8
1058	1/20/2009 10:01	8.95	47.779	30.87	8.15	8.25	0.8	1.89	85.9
1059	1/20/2009 10:16	8.97	47.641	30.77	8.15	8.25	0.8	1.805	85.9
1060	1/20/2009 10:31	8.98	47.336	30.55	8.23	8.09	0.9	1.706	86.7
1061	1/20/2009 10:46	8.98	47.037	30.34	8.12	8.26	0.8	1.612	85.4
1062	1/20/2009 11:01	8.98	46.832	30.19	8.02	8.26	0.9	1.513	84.2
1063	1/20/2009 11:16	8.98	46.723	30.12	7.94	8.26	1.1	1.424	83.4
1064	1/20/2009 11:31	9	46.471	29.94	7.92	8.28	1.5	1.321	83.1
1065	1/20/2009 11:46	9.04	46.281	29.81	8.11	8.29	1.6	1.215	85.1
1066	1/20/2009 12:01	9.09	46.176	29.73	8.19	8.29	1.5	1.127	85.9
1067	1/20/2009 12:16	9.13	46.103	29.68	8.29	8.3	1.4	1.008	87.1
1068	1/20/2009 12:31	9.17	46.065	29.66	8.31	8.29	1.3	0.91	87.4
1069	1/20/2009 12:46	9.21	46.028	29.64	8.25	8.29	1.4	0.826	86.8
1070	1/20/2009 13:01	9.26	45.941	29.58	7.88	8.26	1.6	0.742	82.9
1071	1/20/2009 13:16	9.31	45.758	29.45	7.28	8.22	2.3	0.672	76.7
1072	1/20/2009 13:31	9.34	45.431	29.22	6.84	8.19	2.7	0.615	72
1073	1/20/2009 13:46	9.38	45.229	29.08	6.78	8.18	3.1	0.577	71.4
1074	1/20/2009 14:01	9.42	45.13	29.01	6.77	8.18	3.2	0.561	71.2
1075	1/20/2009 14:16	9.48	45.225	29.08	6.67	7.99	2.6	0.56	70.3
1076	1/20/2009 14:31	9.5	45.183	29.05	6.62	8.16	2.7	0.554	69.8
1077	1/20/2009 14:46	9.52	45.275	29.12	6.6	8.15	2	0.577	69.7
1078	1/20/2009 15:01	9.54	45.39	29.2	6.43	8.13	1	0.625	68
1079	1/20/2009 15:16	9.56	45.489	29.28	6.72	8.12	0.7	0.644	71.1
1080	1/20/2009 15:31	9.58	46.339	29.88	9.18	8.31	0.7	0.698	97.5
1081	1/20/2009 15:46	9.53	46.606	30.07	9.98	8.38	1	0.741	106.1
1082	1/20/2009 16:01	9.52	46.45	29.96	9.93	8.38	1.1	0.799	105.4
1083	1/20/2009 16:16	9.44	46.159	29.74	9.96	8.4	1.7	0.848	105.4
1084	1/20/2009 16:31	9.39	46.16	29.74	9.94	8.22	1.6	0.9	105.1
1085	1/20/2009 16:46	9.38	46.137	29.73	9.93	8.22	1.6	0.959	105
1086	1/20/2009 17:01	9.36	46.107	29.7	9.87	8.39	1.5	1.002	104.2
1087	1/20/2009 17:16	9.31	46.153	29.73	9.83	8.38	1.4	1.079	103.7
1088	1/20/2009 17:31	9.27	46.183	29.75	9.76	8.38	1.2	1.131	102.9
1089	1/20/2009 17:46	9.25	46.233	29.79	9.73	8.2	1.2	1.186	102.5
1090	1/20/2009 18:01	9.22	46.371	29.88	9.63	8.19	1.2	1.26	101.4
1091	1/20/2009 18:16	9.18	46.666	30.09	9.45	8.18	1	1.314	99.7
1092	1/20/2009 18:31	9.15	46.994	30.32	9.3	8.32	1	1.367	98.1
1093	1/20/2009 18:46	9.13	47.14	30.42	9.24	8.31	1.2	1.432	97.6
1094	1/20/2009 19:01	9.12	47.219	30.48	9.17	8.14	1	1.494	96.8
1095	1/20/2009 19:16	9.11	47.302	30.54	9.12	8.3	1	1.534	96.3
1096	1/20/2009 19:31	9.09	47.437	30.63	9.08	8.29	0.9	1.59	95.8
1097	1/20/2009 19:46	9.07	47.527	30.7	9.06	8.29	1.1	1.642	95.7
1098	1/20/2009 20:01	9.06	47.558	30.72	9.05	8.12	1	1.681	95.5
1099	1/20/2009 20:16	9.06	47.578	30.73	9.01	8.29	0.8	1.718	95.1
1100	1/20/2009 20:31	9.07	47.641	30.78	8.89	8.28	0.9	1.77	93.9
1101	1/20/2009 20:46	9.07	47.705	30.82	8.89	8.28	0.9	1.809	94
1102	1/20/2009 21:01	9.07	47.724	30.84	8.87	8.28	0.9	1.824	93.7
1103	1/20/2009 21:16	9.08	47.734	30.85	8.85	8.28	0.5	1.84	93.6
1104	1/20/2009 21:31	9.09	47.739	30.85	8.72	8.09	0.6	1.856	92.2

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1105	1/20/2009 21:46	9.09	47.745	30.85	8.66	8.09	0.5	1.854	91.6
1106	1/20/2009 22:01	9.09	47.748	30.86	8.62	8.08	0.5	1.854	91.1
1107	1/20/2009 22:16	9.09	47.748	30.86	8.54	8.08	0.5	1.836	90.3
1108	1/20/2009 22:31	9.08	47.708	30.83	8.4	8.08	0.5	1.803	88.8
1109	1/20/2009 22:46	9.06	47.624	30.77	8.38	8.08	0.5	1.782	88.5
1110	1/20/2009 23:01	9	47.496	30.67	8.52	8.1	0.8	1.754	89.8
1111	1/20/2009 23:16	9	47.462	30.65	8.55	8.1	0.7	1.711	90.1
1112	1/20/2009 23:31	9.01	47.435	30.63	8.54	8.11	0.7	1.663	90
1113	1/20/2009 23:46	9.02	47.427	30.62	8.52	8.11	0.7	1.643	89.9
1114	1/21/2009 0:01	9.04	47.414	30.61	8.48	8.1	0.6	1.606	89.4
1115	1/21/2009 0:16	9.05	47.399	30.6	8.48	8.1	0.6	1.578	89.4
1116	1/21/2009 0:31	9.05	47.381	30.59	8.38	8.1	0.7	1.555	88.4
1117	1/21/2009 0:46	9.06	47.321	30.55	8.37	8.1	0.9	1.524	88.3
1118	1/21/2009 1:01	9.06	47.317	30.55	8.3	8.1	0.7	1.52	87.6
1119	1/21/2009 1:16	9.05	47.291	30.53	8.43	8.27	0.8	1.524	88.9
1120	1/21/2009 1:31	9.04	47.268	30.51	8.53	8.28	0.7	1.52	90
1121	1/21/2009 1:46	9.03	47.272	30.51	8.48	8.28	0.6	1.522	89.3
1122	1/21/2009 2:01	9.03	47.274	30.51	8.38	8.27	0.5	1.55	88.3
1123	1/21/2009 2:16	9.01	47.279	30.52	8.59	8.28	0.7	1.575	90.5
1124	1/21/2009 2:31	9	47.276	30.51	8.52	8.1	0.6	1.596	89.7
1125	1/21/2009 2:46	8.99	47.28	30.51	8.48	8.27	0.5	1.631	89.2
1126	1/21/2009 3:01	9	47.312	30.54	8.58	8.09	0.7	1.686	90.4
1127	1/21/2009 3:16	9	47.418	30.61	8.83	8.11	1	1.723	93.1
1128	1/21/2009 3:31	8.99	47.464	30.65	8.89	8.29	0.9	1.76	93.7
1129	1/21/2009 3:46	8.98	47.494	30.67	8.91	8.29	0.9	1.806	93.8
1130	1/21/2009 4:01	8.97	47.59	30.73	8.92	8.12	1	1.866	94
1131	1/21/2009 4:16	8.95	47.684	30.8	8.94	8.12	1	1.912	94.2
1132	1/21/2009 4:31	8.96	47.732	30.84	8.93	8.29	1	1.963	94.1
1133	1/21/2009 4:46	8.97	47.84	30.91	8.96	8.29	0.9	2.031	94.5
1134	1/21/2009 5:01	9.04	47.957	31	8.88	8.11	0.9	2.068	93.9
1135	1/21/2009 5:16	9.17	48.287	31.25	8.82	8.1	0.9	2.128	93.6
1136	1/21/2009 5:31	9.25	48.591	31.47	8.79	8.27	0.8	2.181	93.6
1137	1/21/2009 5:46	9.29	48.727	31.57	8.77	8.27	0.8	2.236	93.6
1138	1/21/2009 6:01	9.32	48.88	31.69	8.78	8.27	0.9	2.302	93.9
1139	1/21/2009 6:16	9.32	48.956	31.74	8.78	8.11	0.9	2.349	93.9
1140	1/21/2009 6:31	9.32	48.991	31.77	8.74	8.1	0.6	2.408	93.4
1141	1/21/2009 6:46	9.31	49.028	31.79	8.72	8.27	0.7	2.454	93.3
1142	1/21/2009 7:01	9.31	49.058	31.81	8.67	8.26	0.3	2.495	92.7
1143	1/21/2009 7:16	9.31	49.073	31.82	8.6	8.25	0.3	2.524	91.9
1144	1/21/2009 7:31	9.31	49.099	31.84	8.53	8.24	0.2	2.559	91.3
1145	1/21/2009 7:46	9.31	49.129	31.86	8.48	8.24	0.2	2.569	90.7
1146	1/21/2009 8:01	9.31	49.122	31.86	8.45	8.07	0.3	2.567	90.4
1147	1/21/2009 8:16	9.31	49.124	31.86	8.33	8.24	0.2	2.566	89.1
1148	1/21/2009 8:31	9.31	49.117	31.86	8.26	8.23	0.2	2.549	88.4
1149	1/21/2009 8:46	9.27	49.039	31.8	8.22	8.23	0.5	2.497	87.8
1150	1/21/2009 9:01	9.18	48.848	31.65	8.33	8.07	0.7	2.476	88.7
1151	1/21/2009 9:16	9.14	48.815	31.63	8.37	8.25	1.1	2.405	89.1
1152	1/21/2009 9:31	9.12	48.634	31.49	8.5	8.26	0.9	2.342	90.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1153	1/21/2009 9:46	9.11	48.538	31.42	8.59	8.26	0.9	2.265	91.2
1154	1/21/2009 10:01	9.11	48.436	31.35	8.61	8.09	1.2	2.185	91.3
1155	1/21/2009 10:16	9.08	48.192	31.17	8.68	8.1	0.8	2.11	92
1156	1/21/2009 10:31	9.09	47.923	30.98	8.39	8.27	0.9	2.016	88.8
1157	1/21/2009 10:46	9.1	47.752	30.86	8.29	8.26	0.9	1.93	87.7
1158	1/21/2009 11:01	9.12	47.676	30.81	8.29	8.26	0.7	1.835	87.7
1159	1/21/2009 11:16	9.13	47.496	30.68	8.11	8.09	0.7	1.742	85.8
1160	1/21/2009 11:31	9.17	47.61	30.76	8.57	8.11	1.3	1.629	90.8
1161	1/21/2009 11:46	9.18	47.413	30.62	8.35	8.27	0.9	1.536	88.3
1162	1/21/2009 12:01	9.18	47.216	30.48	8.12	8.1	1.1	1.436	85.9
1163	1/21/2009 12:16	9.19	46.912	30.27	8.2	8.29	1.2	1.33	86.6
1164	1/21/2009 12:31	9.2	46.463	29.95	8.47	8.15	1.3	1.215	89.3
1165	1/21/2009 12:46	9.21	46.269	29.81	8.59	8.16	1.3	1.105	90.5
1166	1/21/2009 13:01	9.22	46.212	29.77	8.65	8.16	1.2	1	91.1
1167	1/21/2009 13:16	9.24	46.168	29.74	8.65	8.16	1.1	0.886	91.1
1168	1/21/2009 13:31	9.25	46.118	29.7	8.64	8.16	1.1	0.773	91
1169	1/21/2009 13:46	9.26	45.979	29.61	8.32	8.3	1.2	0.689	87.6
1170	1/21/2009 14:01	9.27	45.634	29.36	7.36	8.24	1.7	0.606	77.4
1171	1/21/2009 14:16	9.29	45.37	29.17	6.99	8.2	2.1	0.528	73.4
1172	1/21/2009 14:31	9.3	44.979	28.9	6.86	8.01	2.7	0.465	72
1173	1/21/2009 14:46	9.31	44.962	28.88	6.9	8.01	2.6	0.449	72.4
1174	1/21/2009 15:01	9.32	44.875	28.82	6.88	8.18	2.7	0.418	72.1
1175	1/21/2009 15:16	9.33	44.824	28.79	6.86	8	2.7	0.404	72
1176	1/21/2009 15:31	9.34	44.884	28.83	6.81	8	2.3	0.428	71.5
1177	1/21/2009 15:46	9.35	44.927	28.86	6.71	7.99	1.7	0.452	70.4
1178	1/21/2009 16:01	9.36	45.365	29.17	6.88	7.99	1.2	0.5	72.4
1179	1/21/2009 16:16	9.36	45.8	29.48	7.79	8.07	1.2	0.547	82.1
1180	1/21/2009 16:31	9.35	46.1	29.7	8.48	8.29	1.5	0.599	89.6
1181	1/21/2009 16:46	9.33	46.38	29.9	9.44	8.36	1.8	0.646	99.7
1182	1/21/2009 17:01	9.33	46.317	29.85	9.71	8.39	1.6	0.713	102.5
1183	1/21/2009 17:16	9.31	45.995	29.62	9.88	8.41	2.3	0.78	104.2
1184	1/21/2009 17:31	9.31	45.961	29.6	9.86	8.24	1.9	0.829	103.9
1185	1/21/2009 17:46	9.3	45.99	29.62	9.77	8.23	1.7	0.908	103
1186	1/21/2009 18:01	9.28	46.472	29.96	9.88	8.23	1.6	0.965	104.3
1187	1/21/2009 18:16	9.27	46.568	30.03	9.84	8.39	1.4	1.026	103.9
1188	1/21/2009 18:31	9.25	46.687	30.11	9.82	8.38	1.3	1.112	103.7
1189	1/21/2009 18:46	9.24	46.813	30.2	9.74	8.38	1.4	1.174	102.9
1190	1/21/2009 19:01	9.24	46.87	30.24	9.64	8.37	1	1.249	101.9
1191	1/21/2009 19:16	9.22	47.104	30.41	9.47	8.35	1.3	1.317	100.2
1192	1/21/2009 19:31	9.21	47.256	30.51	9.36	8.34	1.2	1.385	99
1193	1/21/2009 19:46	9.21	47.384	30.6	9.29	8.33	1.1	1.456	98.4
1194	1/21/2009 20:01	9.21	47.439	30.64	9.26	8.32	1	1.509	98
1195	1/21/2009 20:16	9.21	47.512	30.7	9.18	8.32	1.1	1.572	97.3
1196	1/21/2009 20:31	9.21	47.605	30.76	9.17	8.32	1	1.638	97.2
1197	1/21/2009 20:46	9.2	47.658	30.8	9.12	8.31	1	1.686	96.7
1198	1/21/2009 21:01	9.21	47.694	30.83	9.05	8.3	1	1.739	96
1199	1/21/2009 21:16	9.21	47.735	30.86	9.04	8.3	0.9	1.791	95.9
1200	1/21/2009 21:31	9.21	47.822	30.92	8.98	8.3	0.9	1.841	95.3

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1201	1/21/2009 21:46	9.21	47.881	30.96	8.95	8.29	0.9	1.878	95
1202	1/21/2009 22:01	9.22	47.928	31	8.88	8.29	0.9	1.907	94.3
1203	1/21/2009 22:16	9.23	47.989	31.04	8.82	8.11	0.7	1.933	93.7
1204	1/21/2009 22:31	9.23	48.024	31.06	8.72	8.11	0.6	1.955	92.6
1205	1/21/2009 22:46	9.23	48.039	31.08	8.71	8.27	0.5	1.964	92.5
1206	1/21/2009 23:01	9.23	48.031	31.07	8.68	8.27	0.5	1.949	92.2
1207	1/21/2009 23:16	9.23	48.006	31.05	8.64	8.26	0.5	1.928	91.8
1208	1/21/2009 23:31	9.23	47.999	31.05	8.48	8.26	0.4	1.918	90
1209	1/21/2009 23:46	9.23	47.928	31	8.36	8.26	0.4	1.882	88.8
1210	1/22/2009 0:01	9.23	47.807	30.91	8.41	8.1	0.5	1.827	89.2
1211	1/22/2009 0:16	9.22	47.677	30.82	8.51	8.11	0.9	1.787	90.3
1212	1/22/2009 0:31	9.22	47.671	30.81	8.44	8.28	0.8	1.753	89.5
1213	1/22/2009 0:46	9.22	47.666	30.81	8.42	8.28	0.9	1.712	89.3
1214	1/22/2009 1:01	9.23	47.644	30.79	8.42	8.28	0.8	1.658	89.3
1215	1/22/2009 1:16	9.23	47.62	30.77	8.47	8.29	0.9	1.628	89.8
1216	1/22/2009 1:31	9.23	47.599	30.76	8.41	8.29	1	1.604	89.1
1217	1/22/2009 1:46	9.23	47.571	30.74	8.43	8.12	0.9	1.577	89.4
1218	1/22/2009 2:01	9.23	47.546	30.72	8.46	8.29	1	1.558	89.7
1219	1/22/2009 2:16	9.23	47.536	30.72	8.36	8.11	0.9	1.554	88.6
1220	1/22/2009 2:31	9.23	47.522	30.71	8.38	8.28	0.9	1.559	88.8
1221	1/22/2009 2:46	9.23	47.511	30.7	8.36	8.27	0.7	1.544	88.6
1222	1/22/2009 3:01	9.23	47.512	30.7	8.31	8.27	0.5	1.564	88.1
1223	1/22/2009 3:16	9.22	47.52	30.7	8.3	8.26	0.5	1.589	88
1224	1/22/2009 3:31	9.22	47.515	30.7	8.25	8.09	0.5	1.611	87.4
1225	1/22/2009 3:46	9.22	47.519	30.7	8.28	8.08	0.6	1.647	87.7
1226	1/22/2009 4:01	9.21	47.529	30.71	8.39	8.09	0.8	1.69	88.9
1227	1/22/2009 4:16	9.21	47.569	30.74	8.77	8.12	1.1	1.736	92.9
1228	1/22/2009 4:31	9.21	47.581	30.75	8.82	8.12	1.1	1.783	93.4
1229	1/22/2009 4:46	9.21	47.6	30.76	8.83	8.12	1	1.843	93.5
1230	1/22/2009 5:01	9.22	47.676	30.81	8.83	8.29	1	1.892	93.7
1231	1/22/2009 5:16	9.24	47.843	30.94	8.84	8.29	1	1.958	93.9
1232	1/22/2009 5:31	9.28	48.113	31.13	8.83	8.12	1	2.013	94
1233	1/22/2009 5:46	9.32	48.359	31.31	8.76	8.28	0.9	2.076	93.4
1234	1/22/2009 6:01	9.34	48.594	31.48	8.77	8.29	1	2.141	93.6
1235	1/22/2009 6:16	9.35	48.636	31.51	8.77	8.29	0.8	2.197	93.7
1236	1/22/2009 6:31	9.36	48.691	31.55	8.73	8.11	0.8	2.258	93.3
1237	1/22/2009 6:46	9.38	48.788	31.62	8.75	8.11	0.9	2.317	93.6
1238	1/22/2009 7:01	9.4	48.871	31.69	8.71	8.11	0.6	2.373	93.3
1239	1/22/2009 7:16	9.43	49.022	31.8	8.69	8.28	0.6	2.428	93.2
1240	1/22/2009 7:31	9.45	49.126	31.87	8.65	8.28	0.7	2.474	92.8
1241	1/22/2009 7:46	9.47	49.197	31.93	8.64	8.28	0.5	2.515	92.8
1242	1/22/2009 8:01	9.49	49.265	31.98	8.59	8.28	0.5	2.555	92.4
1243	1/22/2009 8:16	9.5	49.323	32.02	8.56	8.28	0.4	2.59	92.1
1244	1/22/2009 8:31	9.5	49.354	32.04	8.53	8.27	0.5	2.606	91.8
1245	1/22/2009 8:46	9.51	49.369	32.05	8.49	8.27	0.4	2.618	91.3
1246	1/22/2009 9:01	9.5	49.36	32.04	8.32	8.26	0.6	2.619	89.5
1247	1/22/2009 9:16	9.5	49.344	32.03	8.25	8.25	0.4	2.6	88.7
1248	1/22/2009 9:31	9.5	49.325	32.02	8.13	8.24	0.3	2.569	87.4

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1249	1/22/2009 9:46	9.49	49.163	31.9	8.09	8.24	0.3	2.524	86.9
1250	1/22/2009 10:01	9.44	48.961	31.75	8.31	8.08	0.8	2.454	89.1
1251	1/22/2009 10:16	9.41	48.756	31.6	8.41	8.27	0.8	2.388	90
1252	1/22/2009 10:31	9.42	48.726	31.58	8.31	8.26	0.7	2.304	88.9
1253	1/22/2009 10:46	9.39	48.516	31.43	8.54	8.27	0.8	2.213	91.2
1254	1/22/2009 11:01	9.37	48.336	31.3	8.57	8.28	0.9	2.12	91.4
1255	1/22/2009 11:16	9.37	48.114	31.14	8.42	8.1	0.9	2.025	89.7
1256	1/22/2009 11:31	9.38	47.823	30.93	8.32	8.09	0.8	1.929	88.7
1257	1/22/2009 11:46	9.39	47.66	30.82	8.1	8.26	0.9	1.826	86.2
1258	1/22/2009 12:01	9.39	47.571	30.75	7.98	8.08	0.7	1.723	85
1259	1/22/2009 12:16	9.4	47.574	30.75	8.04	8.26	0.9	1.615	85.5
1260	1/22/2009 12:31	9.4	47.462	30.67	7.96	8.27	1.1	1.503	84.6
1261	1/22/2009 12:46	9.41	47.357	30.6	8.1	8.29	1.1	1.401	86.1
1262	1/22/2009 13:01	9.42	47.126	30.43	8.4	8.31	1.1	1.295	89.2
1263	1/22/2009 13:16	9.43	46.884	30.26	8.62	8.33	1	1.175	91.5
1264	1/22/2009 13:31	9.45	46.679	30.12	8.76	8.34	1.1	1.055	93
1265	1/22/2009 13:46	9.47	46.385	29.91	8.71	8.33	1.1	0.938	92.4
1266	1/22/2009 14:01	9.48	46.084	29.69	8.73	8.34	1.2	0.811	92.4
1267	1/22/2009 14:16	9.5	46.006	29.64	8.7	8.33	1	0.691	92.2
1268	1/22/2009 14:31	9.51	45.902	29.57	8.34	8.3	1	0.601	88.3
1269	1/22/2009 14:46	9.53	45.662	29.4	7.73	8.26	1.1	0.511	81.8
1270	1/22/2009 15:01	9.54	45.063	28.97	7.07	8.19	1.9	0.421	74.6
1271	1/22/2009 15:16	9.55	44.633	28.67	7.04	8.17	2.4	0.365	74.2
1272	1/22/2009 15:31	9.56	44.463	28.55	7.1	8.17	2.6	0.32	74.7
1273	1/22/2009 15:46	9.58	44.46	28.54	7.16	8	2.5	0.296	75.4
1274	1/22/2009 16:01	9.59	44.475	28.56	7.14	8.16	2.6	0.306	75.2
1275	1/22/2009 16:16	9.6	44.511	28.58	7.11	8.16	2.3	0.319	74.9
1276	1/22/2009 16:31	9.62	44.815	28.8	6.71	8.13	0.9	0.374	70.8
1277	1/22/2009 16:46	9.64	45.795	29.5	8.22	8.26	1.6	0.416	87.2
1278	1/22/2009 17:01	9.64	45.965	29.62	8.37	8.28	1	0.466	88.9
1279	1/22/2009 17:16	9.63	46.534	30.03	9.42	8.37	1.6	0.547	100.2
1280	1/22/2009 17:31	9.63	46.609	30.08	9.6	8.38	1.5	0.602	102.3
1281	1/22/2009 17:46	9.62	46.651	30.11	9.68	8.38	1.5	0.666	103.1
1282	1/22/2009 18:01	9.62	46.556	30.04	9.58	8.38	1.4	0.732	102
1283	1/22/2009 18:16	9.62	46.552	30.04	9.55	8.37	1.5	0.799	101.7
1284	1/22/2009 18:31	9.61	46.557	30.04	9.52	8.37	1.6	0.877	101.3
1285	1/22/2009 18:46	9.59	46.589	30.06	9.53	8.37	1.2	0.95	101.4
1286	1/22/2009 19:01	9.57	46.714	30.15	9.54	8.37	1.4	1.025	101.5
1287	1/22/2009 19:16	9.55	46.807	30.22	9.47	8.36	1.6	1.099	100.7
1288	1/22/2009 19:31	9.54	46.837	30.24	9.38	8.35	1.5	1.191	99.7
1289	1/22/2009 19:46	9.51	47.009	30.36	9.26	8.33	1.5	1.266	98.5
1290	1/22/2009 20:01	9.47	47.186	30.48	9.19	8.33	1.3	1.34	97.8
1291	1/22/2009 20:16	9.44	47.448	30.67	9.14	8.32	1.3	1.428	97.3
1292	1/22/2009 20:31	9.44	47.536	30.73	9.11	8.31	1.3	1.498	97
1293	1/22/2009 20:46	9.43	47.602	30.78	9.07	8.31	1.3	1.574	96.6
1294	1/22/2009 21:01	9.43	47.693	30.84	9.04	8.31	1.3	1.647	96.3
1295	1/22/2009 21:16	9.43	47.732	30.87	8.99	8.3	1.2	1.701	95.8
1296	1/22/2009 21:31	9.43	47.817	30.93	8.95	8.3	1.2	1.768	95.4

sonde #3			Indian Island Long-Term Deployment Water Quality Data					TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1297	1/22/2009 21:46	9.43	47.898	30.99	8.9	8.3	1.1	1.826	94.9
1298	1/22/2009 22:01	9.44	47.976	31.05	8.85	8.29	1	1.88	94.5
1299	1/22/2009 22:16	9.45	48.086	31.12	8.82	8.29	1	1.937	94.2
1300	1/22/2009 22:31	9.45	48.143	31.17	8.78	8.29	1.1	1.976	93.8
1301	1/22/2009 22:46	9.47	48.194	31.2	8.72	8.11	0.9	2.018	93.2
1302	1/22/2009 23:01	9.48	48.243	31.24	8.64	8.27	0.6	2.046	92.3
1303	1/22/2009 23:16	9.48	48.257	31.25	8.56	8.26	0.7	2.045	91.5
1304	1/22/2009 23:31	9.49	48.26	31.25	8.51	8.26	0.7	2.047	91.1
1305	1/22/2009 23:46	9.49	48.251	31.25	8.47	8.09	0.7	2.034	90.6
1306	1/23/2009 0:01	9.5	48.194	31.21	8.4	8.26	0.5	1.992	89.9
1307	1/23/2009 0:16	9.51	48.075	31.12	8.33	8.26	0.7	1.948	89.1
1308	1/23/2009 0:31	9.5	47.968	31.04	8.35	8.27	0.9	1.91	89.3
1309	1/23/2009 0:46	9.49	47.887	30.98	8.3	8.27	0.9	1.856	88.6
1310	1/23/2009 1:01	9.49	47.854	30.96	8.26	8.27	0.9	1.793	88.1
1311	1/23/2009 1:16	9.48	47.802	30.92	8.3	8.28	1	1.751	88.6
1312	1/23/2009 1:31	9.47	47.752	30.89	8.3	8.28	0.9	1.704	88.5
1313	1/23/2009 1:46	9.47	47.713	30.86	8.35	8.28	0.9	1.66	89.1
1314	1/23/2009 2:01	9.47	47.682	30.84	8.3	8.28	0.9	1.627	88.5
1315	1/23/2009 2:16	9.47	47.633	30.8	8.4	8.29	1	1.582	89.6
1316	1/23/2009 2:31	9.47	47.594	30.77	8.34	8.12	1.1	1.552	88.9
1317	1/23/2009 2:46	9.47	47.587	30.77	8.38	8.29	1	1.537	89.3
1318	1/23/2009 3:01	9.47	47.562	30.75	8.32	8.29	1.1	1.509	88.6
1319	1/23/2009 3:16	9.46	47.532	30.73	8.37	8.29	1	1.494	89.2
1320	1/23/2009 3:31	9.46	47.515	30.72	8.39	8.28	1	1.51	89.4
1321	1/23/2009 3:46	9.46	47.493	30.7	8.38	8.28	0.8	1.517	89.2
1322	1/23/2009 4:01	9.46	47.49	30.7	8.33	8.27	0.5	1.531	88.7
1323	1/23/2009 4:16	9.46	47.498	30.7	8.22	8.26	0.5	1.561	87.6
1324	1/23/2009 4:31	9.45	47.513	30.71	8.32	8.25	0.7	1.599	88.6
1325	1/23/2009 4:46	9.44	47.57	30.75	8.66	8.27	1	1.652	92.3
1326	1/23/2009 5:01	9.44	47.588	30.77	8.71	8.28	1.3	1.686	92.7
1327	1/23/2009 5:16	9.44	47.585	30.77	8.69	8.28	1	1.739	92.6
1328	1/23/2009 5:31	9.44	47.601	30.78	8.67	8.28	1.1	1.802	92.4
1329	1/23/2009 5:46	9.45	47.714	30.86	8.6	8.11	0.9	1.849	91.6
1330	1/23/2009 6:01	9.47	47.948	31.03	8.66	8.11	1	1.912	92.5
1331	1/23/2009 6:16	9.5	48.157	31.18	8.63	8.28	1.1	1.975	92.3
1332	1/23/2009 6:31	9.53	48.348	31.32	8.58	8.28	0.9	2.039	91.9
1333	1/23/2009 6:46	9.55	48.514	31.44	8.61	8.28	0.9	2.113	92.3
1334	1/23/2009 7:01	9.58	48.652	31.54	8.62	8.28	0.9	2.174	92.6
1335	1/23/2009 7:16	9.6	48.771	31.63	8.63	8.29	0.9	2.246	92.8
1336	1/23/2009 7:31	9.61	48.855	31.69	8.63	8.28	0.8	2.314	92.8
1337	1/23/2009 7:46	9.64	49	31.8	8.61	8.29	0.8	2.376	92.7
1338	1/23/2009 8:01	9.67	49.07	31.85	8.58	8.28	0.7	2.445	92.5
1339	1/23/2009 8:16	9.69	49.178	31.93	8.56	8.29	0.8	2.501	92.4
1340	1/23/2009 8:31	9.71	49.258	31.99	8.56	8.29	0.7	2.56	92.4
1341	1/23/2009 8:46	9.73	49.301	32.02	8.52	8.29	0.7	2.605	92
1342	1/23/2009 9:01	9.73	49.327	32.04	8.5	8.28	0.5	2.635	91.9
1343	1/23/2009 9:16	9.74	49.342	32.05	8.4	8.28	0.2	2.673	90.8
1344	1/23/2009 9:31	9.74	49.35	32.05	8.36	8.27	0.3	2.679	90.3

sonde #3		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
	Mean	9.24	46.65	30.08	8.64	8.19	2.30	1.64	91.19
	Minimum	8.74	39.39	24.98	6.43	7.98	0.20	0.14	68.00
	Maximum	9.78	49.75	32.31	9.98	8.41	23.20	3.11	106.10
	Standard Dev.	0.21	1.89	1.34	0.55	0.08	1.72	0.64	5.62

Selected sections of data removed due to low water levels from extremely low tides

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

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
0	1/23/2009 10:01	9.74	47.301	30.58	7.47	7.95		2.708	80
1	1/23/2009 10:16	9.75	47.467	30.7	7.54	7.94		2.675	80.9
2	1/23/2009 10:31	9.77	47.163	30.48	7.52	7.92	7.4	2.626	80.6
3	1/23/2009 10:46	9.76	46.645	30.11	7.43	7.92	6.3	2.559	79.4
4	1/23/2009 11:01	9.75	46.623	30.1	7.38	7.91	4.6	2.484	78.8
5	1/23/2009 11:16	9.74	46.587	30.07	7.35	7.91	5.1	2.396	78.5
6	1/23/2009 11:31	9.73	46.695	30.15	7.32	7.9	4.1	2.301	78.2
7	1/23/2009 11:46	9.72	46.774	30.2	7.28	7.89	3.5	2.203	77.7
8	1/23/2009 12:01	9.72	46.864	30.27	7.25	7.89	3.4	2.11	77.4
9	1/23/2009 12:16	9.72	46.5	30.01	7.25	7.89	3.7	1.999	77.3
10	1/23/2009 12:31	9.73	46.681	30.14	7.26	7.6	3.2	1.899	77.5
11	1/23/2009 12:46	9.74	46.424	29.95	7.3	8.21	3.5	1.775	77.8
12	1/23/2009 13:01	9.75	46.222	29.81	7.32	7.9	2.7	1.668	78.1
13	1/23/2009 13:16	9.77	46.067	29.7	7.31	7.9	2.6	1.568	77.9
14	1/23/2009 13:31	9.78	46.077	29.71	7.34	7.61	3.5	1.425	78.3
15	1/23/2009 13:46	9.81	45.93	29.61	7.33	7.62	2.8	1.31	78.2
16	1/23/2009 14:01	9.83	45.736	29.47	7.34	8.22	2.7	1.182	78.2
17	1/23/2009 14:16	9.86	46.563	30.06	7.38	8.1	3	1.045	79
18	1/23/2009 14:31	9.89	45.419	29.25	7.39	8.23	3	0.94	78.7
19	1/23/2009 14:46	9.92	45.486	29.29	7.35	7.91	3	0.799	78.4
20	1/23/2009 15:01	9.96	45.125	29.04	7.32	8.22	3	0.678	78
21	1/23/2009 15:16	9.98	45.015	28.96	7.31	7.62	3.2	0.586	77.9
22	1/23/2009 15:31	10.01	45.88	29.58	7.29	7.9	3.9	0.478	78
23	1/23/2009 15:46	10.03	45.024	28.97	7.29	8.21	5.8	0.383	77.8
24	1/23/2009 16:01	10.05	44.891	28.88	7.3	7.61	4.2	0.336	77.8
25	1/23/2009 16:16	10.07	44.858	28.86	7.28	8.21	4	0.309	77.7
26	1/23/2009 16:31	10.1	44.86	28.86	7.28	7.89	3.8	0.262	77.7
27	1/23/2009 16:46	10.12	45.995	29.67	7.22	7.89	3.9	0.28	77.6
28	1/23/2009 17:01	10.14	46.183	29.81	7.2	8.07	3.8	0.321	77.4
29	1/23/2009 17:16	10.15	45.27	29.15	6.88	8.16	2.3	0.374	73.7
30	1/23/2009 17:31	10.17	45.311	29.18	7.5	8.25	17	0.42	80.4
31	1/23/2009 17:46	10.18	45.316	29.19	7.85	7.94	4.3	0.501	84.2
32	1/23/2009 18:01	10.17	46.162	29.79	8.67	8.35	2.5	0.572	93.3
33	1/23/2009 18:16	10.19	45.949	29.64	8.59	8.01	2.1	0.65	92.4
34	1/23/2009 18:31	10.19	46.134	29.77	8.55	8.34	2.3	0.706	91.9
35	1/23/2009 18:46	10.17	46.063	29.72	8.59	8.03	2.1	0.772	92.4
36	1/23/2009 19:01	10.17	45.443	29.28	8.64	8.34	2	0.865	92.6
37	1/23/2009 19:16	10.16	46.679	30.16	8.54	8.21	2	0.937	92.1
38	1/23/2009 19:31	10.13	46.255	29.86	8.56	8.02	2	1.017	92.1
39	1/23/2009 19:46	10.1	46.498	30.03	8.54	8.21	2.1	1.102	91.9
40	1/23/2009 20:01	10.09	46.549	30.06	8.51	8.01	2	1.178	91.5
41	1/23/2009 20:16	10.03	46.815	30.25	8.36	7.99	2	1.276	89.9
42	1/23/2009 20:31	9.97	47.118	30.46	8.29	7.99	2	1.355	89.2
43	1/23/2009 20:46	9.89	46.985	30.36	8.18	7.98	1.8	1.444	87.7
44	1/23/2009 21:01	9.85	46.395	29.94	8.16	8.29	1.7	1.529	87.2
45	1/23/2009 21:16	9.84	46.916	30.31	8.08	8.29	1.7	1.609	86.6
46	1/23/2009 21:31	9.83	47.362	30.63	8.05	7.96	1.7	1.684	86.4
47	1/23/2009 21:46	9.83	47.507	30.73	8	7.96	1.6	1.756	86
48	1/23/2009 22:01	9.83	47.568	30.78	7.96	7.95	1.4	1.822	85.6
49	1/23/2009 22:16	9.82	46.828	30.25	7.96	7.95	1.4	1.894	85.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
50	1/23/2009 22:31	9.82	47.529	30.75	7.94	8.27	1.4	1.954	85.3
51	1/23/2009 22:46	9.83	47.751	30.91	7.93	8.14	1.5	2.001	85.2
52	1/23/2009 23:01	9.83	47.979	31.07	7.87	7.95	1.4	2.055	84.8
53	1/23/2009 23:16	9.85	47.861	30.99	7.82	7.94	1.3	2.099	84.2
54	1/23/2009 23:31	9.87	47.088	30.44	7.8	8.26	1.3	2.134	83.7
55	1/23/2009 23:46	9.88	48.104	31.17	7.74	8.25	1.1	2.153	83.5
56	1/24/2009 0:01	9.89	48.135	31.19	7.7	7.93	1.1	2.145	83.1
57	1/24/2009 0:16	9.89	48.139	31.19	7.7	7.93	1	2.135	83.1
58	1/24/2009 0:31	9.89	48.112	31.17	7.68	7.93	1	2.116	82.8
59	1/24/2009 0:46	9.89	47.673	30.86	7.68	7.93	1	2.074	82.6
60	1/24/2009 1:01	9.89	47.807	30.95	7.62	8.25	1.2	2.009	82.1
61	1/24/2009 1:16	9.89	48.1	31.16	7.55	8.12	1.3	1.959	81.4
62	1/24/2009 1:31	9.88	47.496	30.73	7.55	7.92	1.6	1.902	81.1
63	1/24/2009 1:46	9.87	47.431	30.68	7.56	7.92	1.6	1.828	81.3
64	1/24/2009 2:01	9.86	47.382	30.65	7.6	7.92	1.6	1.779	81.7
65	1/24/2009 2:16	9.86	47.359	30.63	7.65	7.93	1.6	1.725	82.2
66	1/24/2009 2:31	9.86	47.588	30.79	7.69	7.93	2.1	1.679	82.7
67	1/24/2009 2:46	9.86	47.425	30.68	7.7	7.94	1.9	1.641	82.7
68	1/24/2009 3:01	9.87	47.243	30.55	7.76	7.94	1.8	1.585	83.3
69	1/24/2009 3:16	9.87	47.075	30.43	7.76	7.94	1.9	1.567	83.2
70	1/24/2009 3:31	9.87	47.054	30.41	7.73	7.94	1.8	1.544	82.9
71	1/24/2009 3:46	9.87	47.302	30.59	7.75	7.94	2	1.52	83.2
72	1/24/2009 4:01	9.87	47.117	30.46	7.7	7.94	1.5	1.521	82.6
73	1/24/2009 4:16	9.88	47.121	30.46	7.67	7.93	1.3	1.513	82.3
74	1/24/2009 4:31	9.88	46.904	30.31	7.63	8.26	1.2	1.525	81.8
75	1/24/2009 4:46	9.88	46.882	30.29	7.58	8.25	1	1.552	81.3
76	1/24/2009 5:01	9.88	47.17	30.5	7.48	8.25	1	1.576	80.3
77	1/24/2009 5:16	9.88	47.168	30.49	7.49	7.92	0.9	1.607	80.4
78	1/24/2009 5:31	9.86	46.426	29.96	7.68	8.23	1.1	1.666	82.1
79	1/24/2009 5:46	9.85	47.501	30.73	7.78	8.26	1.3	1.714	83.6
80	1/24/2009 6:01	9.85	47.367	30.64	7.78	7.94	1.3	1.765	83.5
81	1/24/2009 6:16	9.85	47.269	30.57	7.77	7.94	1.3	1.826	83.4
82	1/24/2009 6:31	9.85	47.095	30.44	7.78	8.27	1.4	1.88	83.4
83	1/24/2009 6:46	9.85	47.677	30.86	7.74	7.94	1.4	1.952	83.2
84	1/24/2009 7:01	9.87	47.471	30.71	7.76	7.94	1.3	2.018	83.4
85	1/24/2009 7:16	9.89	48.007	31.1	7.71	7.95	1.3	2.082	83.2
86	1/24/2009 7:31	9.91	48.251	31.27	7.77	7.95	1.3	2.148	83.8
87	1/24/2009 7:46	9.93	48.1	31.17	7.78	7.95	1.3	2.218	83.9
88	1/24/2009 8:01	9.93	48.549	31.49	7.74	7.95	1.3	2.295	83.8
89	1/24/2009 8:16	9.94	48.476	31.44	7.74	7.95	1.2	2.374	83.7
90	1/24/2009 8:31	9.95	49.106	31.89	7.71	8.16	1.2	2.434	83.7
91	1/24/2009 8:46	9.96	48.405	31.39	7.73	7.94	1.2	2.515	83.6
92	1/24/2009 9:01	9.97	48.958	31.79	7.69	7.94	1.2	2.573	83.4
93	1/24/2009 9:16	9.97	48.619	31.54	7.7	7.94	1	2.622	83.4
94	1/24/2009 9:31	9.97	49.064	31.86	7.66	7.94	1	2.669	83.2
95	1/24/2009 9:46	9.97	49.016	31.83	7.63	7.93	0.7	2.716	82.8
96	1/24/2009 10:01	9.97	48.776	31.66	7.6	7.93	0.8	2.741	82.3
97	1/24/2009 10:16	9.97	48.884	31.73	7.57	8.29	0.7	2.759	82
98	1/24/2009 10:31	9.97	49.195	31.96	7.54	7.93	0.7	2.751	81.9
99	1/24/2009 10:46	9.97	49.098	31.89	7.45	7.92	0.7	2.731	80.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
100	1/24/2009 11:01	9.97	48.972	31.8	7.37	7.91	0.7	2.697	80
101	1/24/2009 11:16	9.97	48.655	31.57	7.38	7.91	0.7	2.63	79.9
102	1/24/2009 11:31	9.97	48.787	31.66	7.35	7.9	0.9	2.564	79.6
103	1/24/2009 11:46	9.96	48.566	31.5	7.44	7.91	1	2.471	80.6
104	1/24/2009 12:01	9.96	48.334	31.34	7.4	8.27	1	2.38	80
105	1/24/2009 12:16	9.95	48.605	31.53	7.43	7.91	1.2	2.28	80.4
106	1/24/2009 12:31	9.94	47.365	30.64	7.43	8.27	1.1	2.176	80
107	1/24/2009 12:46	9.93	47.74	30.91	7.36	8.27	1.2	2.071	79.3
108	1/24/2009 13:01	9.93	47.722	30.9	7.33	8.26	1.3	1.951	79
109	1/24/2009 13:16	9.92	46.559	30.06	7.37	8.26	1.2	1.838	78.9
110	1/24/2009 13:31	9.91	47.144	30.48	7.28	8.25	1.2	1.715	78.2
111	1/24/2009 13:46	9.91	47.128	30.47	7.24	8.25	1.3	1.594	77.8
112	1/24/2009 14:01	9.9	46.86	30.28	7.26	8.25	1.8	1.468	77.9
113	1/24/2009 14:16	9.9	46.613	30.1	7.45	8.27	2.4	1.334	79.8
114	1/24/2009 14:31	9.9	46.713	30.17	7.63	7.93	1.9	1.194	81.8
115	1/24/2009 14:46	9.9	46.334	29.9	7.74	7.94	2	1.079	82.8
116	1/24/2009 15:01	9.9	46.462	29.99	7.81	7.95	2	0.922	83.7
117	1/24/2009 15:16	9.91	46.244	29.84	7.82	7.95	1.6	0.791	83.7
118	1/24/2009 15:31	9.92	46.195	29.8	7.76	7.95	1.6	0.653	83
119	1/24/2009 15:46	9.93	46.134	29.76	7.61	7.93	1.8	0.538	81.4
120	1/24/2009 16:01	9.92	46.047	29.7	7.47	7.9	2.2	0.416	79.9
121	1/24/2009 16:16	9.93	46.024	29.68	7.42	7.88	2.7	0.313	79.3
122	1/24/2009 16:31	9.94	46.239	29.83	7.41	7.89	2.8	0.256	79.4
123	1/24/2009 16:46	9.95	46.123	29.75	7.41	7.88	3	0.209	79.3
124	1/24/2009 17:01	9.97	45.875	29.58	7.37	7.87	3	0.19	78.9
125	1/24/2009 17:16	9.99	45.873	29.58	7.39	7.87	2.8	0.206	79.1
126	1/24/2009 17:31	10	45.918	29.61	7.39	7.87	2.7	0.263	79.1
127	1/24/2009 17:46	10.02	45.956	29.64	7.3	7.87	2.9	0.308	78.2
128	1/24/2009 18:01	10.03	46.024	29.69	6.95	7.87	2.3	0.377	74.5
129	1/24/2009 18:16	10.06	45.999	29.67	6.69	7.81	0.9	0.452	71.8
130	1/24/2009 18:31	10.05	46.393	29.95	7.87	8.3	3.5	0.523	84.5
131	1/24/2009 18:46	10.04	46.284	29.87	7.83	7.94	3.2	0.577	84
132	1/24/2009 19:01	10.03	46.252	29.85	7.78	7.94	3.2	0.644	83.5
133	1/24/2009 19:16	10.03	46.442	29.98	7.78	8.31	3.2	0.719	83.5
134	1/24/2009 19:31	10.03	46.346	29.92	7.82	7.95	3.3	0.789	83.9
135	1/24/2009 19:46	10.03	46.33	29.9	7.75	7.95	3.4	0.876	83.2
136	1/24/2009 20:01	10.02	46.174	29.79	7.82	7.95	3.4	0.96	83.8
137	1/24/2009 20:16	10.01	46.193	29.8	7.83	7.96	3.6	1.055	83.9
138	1/24/2009 20:31	9.97	46.534	30.05	7.87	7.96	3.5	1.157	84.4
139	1/24/2009 20:46	9.94	46.301	29.88	7.85	8.31	3.2	1.245	84
140	1/24/2009 21:01	9.92	46.912	30.31	7.86	8.3	2.7	1.337	84.4
141	1/24/2009 21:16	9.89	46.823	30.25	7.87	8.3	2.4	1.429	84.4
142	1/24/2009 21:31	9.87	47.028	30.39	7.82	8.3	2.1	1.518	83.9
143	1/24/2009 21:46	9.86	47.41	30.67	7.89	7.95	2.3	1.61	84.8
144	1/24/2009 22:01	9.85	47.501	30.73	7.82	7.94	2	1.681	84.1
145	1/24/2009 22:16	9.84	47.458	30.7	7.84	7.94	1.9	1.76	84.2
146	1/24/2009 22:31	9.84	47.69	30.87	7.8	7.94	1.8	1.831	83.9
147	1/24/2009 22:46	9.84	47.721	30.89	7.74	7.94	1.9	1.898	83.2
148	1/24/2009 23:01	9.83	47.16	30.49	7.79	8.29	1.7	1.959	83.5
149	1/24/2009 23:16	9.83	47.859	30.99	7.75	7.93	1.6	2.01	83.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
150	1/24/2009 23:31	9.83	47.786	30.94	7.74	7.94	1.5	2.071	83.2
151	1/24/2009 23:46	9.84	48.207	31.24	7.66	7.93	1.5	2.109	82.5
152	1/25/2009 0:01	9.85	47.814	30.96	7.58	7.93	1.4	2.144	81.6
153	1/25/2009 0:16	9.85	47.951	31.05	7.5	8.27	1.3	2.165	80.8
154	1/25/2009 0:31	9.85	48.304	31.31	7.39	7.9	1.2	2.173	79.7
155	1/25/2009 0:46	9.83	48.245	31.26	7.45	7.91	1.2	2.158	80.3
156	1/25/2009 1:01	9.84	48.056	31.13	7.45	7.91	1.1	2.129	80.3
157	1/25/2009 1:16	9.84	48.229	31.25	7.35	7.91	1	2.078	79.2
158	1/25/2009 1:31	9.82	47.683	30.86	7.34	7.9	1	2.028	78.9
159	1/25/2009 1:46	9.79	47.976	31.07	7.28	7.9	1.3	1.97	78.3
160	1/25/2009 2:01	9.77	47.481	30.71	7.3	7.9	1.5	1.893	78.3
161	1/25/2009 2:16	9.76	47.522	30.74	7.36	7.9	1.5	1.824	78.9
162	1/25/2009 2:31	9.75	46.679	30.14	7.35	8.26	1.5	1.77	78.5
163	1/25/2009 2:46	9.75	47.434	30.68	7.34	8.26	1.5	1.717	78.6
164	1/25/2009 3:01	9.75	47.197	30.51	7.38	7.91	1.8	1.65	79
165	1/25/2009 3:16	9.74	47.708	30.87	7.43	7.92	1.8	1.604	79.7
166	1/25/2009 3:31	9.73	47.121	30.45	7.47	7.92	2	1.555	80
167	1/25/2009 3:46	9.73	47.463	30.7	7.43	7.92	2.2	1.517	79.6
168	1/25/2009 4:01	9.72	46.965	30.34	7.44	7.92	2.1	1.471	79.5
169	1/25/2009 4:16	9.71	46.969	30.34	7.43	8.28	2.2	1.442	79.4
170	1/25/2009 4:31	9.71	47.083	30.42	7.41	7.92	2.1	1.43	79.2
171	1/25/2009 4:46	9.7	47.161	30.48	7.39	7.92	2.1	1.423	79
172	1/25/2009 5:01	9.69	47.641	30.82	7.35	8.13	1.7	1.424	78.7
173	1/25/2009 5:16	9.69	47.35	30.61	7.28	7.91	1.3	1.438	77.9
174	1/25/2009 5:31	9.69	47.19	30.5	7.22	7.9	1.3	1.464	77.2
175	1/25/2009 5:46	9.69	47.274	30.56	7.19	7.89	1.4	1.503	76.9
176	1/25/2009 6:01	9.68	46.872	30.27	7.14	7.86	1.2	1.546	76.2
177	1/25/2009 6:16	9.66	46.34	29.89	7.51	7.6	1.6	1.605	79.9
178	1/25/2009 6:31	9.66	47.321	30.59	7.53	7.91	1.8	1.658	80.5
179	1/25/2009 6:46	9.65	47.231	30.53	7.47	7.91	1.7	1.724	79.9
180	1/25/2009 7:01	9.66	46.914	30.3	7.54	7.91	1.9	1.789	80.4
181	1/25/2009 7:16	9.68	47.221	30.52	7.68	7.93	1.7	1.857	82.1
182	1/25/2009 7:31	9.71	46.783	30.21	7.7	8.29	1.7	1.919	82.2
183	1/25/2009 7:46	9.75	47.876	30.99	7.69	7.94	1.6	1.997	82.6
184	1/25/2009 8:01	9.76	48.233	31.25	7.68	7.94	1.6	2.062	82.6
185	1/25/2009 8:16	9.77	48.397	31.37	7.7	7.94	1.5	2.139	83
186	1/25/2009 8:31	9.79	48.33	31.32	7.68	7.94	1.5	2.226	82.7
187	1/25/2009 8:46	9.79	48.609	31.52	7.71	7.94	1.4	2.3	83.2
188	1/25/2009 9:01	9.79	48.657	31.56	7.7	7.94	1.5	2.379	83.1
189	1/25/2009 9:16	9.79	48.898	31.73	7.72	7.95	1.5	2.447	83.4
190	1/25/2009 9:31	9.79	48.975	31.79	7.72	7.95	1.4	2.52	83.4
191	1/25/2009 9:46	9.79	49.002	31.81	7.7	7.94	1.5	2.584	83.3
192	1/25/2009 10:01	9.78	49.024	31.82	7.75	7.94	1.5	2.642	83.7
193	1/25/2009 10:16	9.77	49.229	31.97	7.69	7.95	1.4	2.691	83.1
194	1/25/2009 10:31	9.77	49.068	31.85	7.67	7.95	1.2	2.732	82.9
195	1/25/2009 10:46	9.78	49.051	31.84	7.66	7.94	1.2	2.742	82.8
196	1/25/2009 11:01	9.78	49.211	31.96	7.63	7.94	1.1	2.753	82.5
197	1/25/2009 11:16	9.78	48.958	31.77	7.58	7.94	1	2.75	81.9
198	1/25/2009 11:31	9.79	49.12	31.89	7.53	7.93	0.9	2.706	81.4
199	1/25/2009 11:46	9.81	48.751	31.63	7.55	7.93	1	2.64	81.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
200	1/25/2009 12:01	9.87	49.037	31.84	7.58	7.94	1.3	2.576	82
201	1/25/2009 12:16	9.92	48.862	31.71	7.68	7.95	1.3	2.498	83.2
202	1/25/2009 12:31	9.93	48.561	31.5	7.55	7.94	1.3	2.397	81.7
203	1/25/2009 12:46	9.93	48.565	31.5	7.61	7.94	1.4	2.285	82.4
204	1/25/2009 13:01	9.93	48.109	31.17	7.49	7.93	1.2	2.18	80.8
205	1/25/2009 13:16	9.93	47.844	30.98	7.32	8.25	1.3	2.078	78.9
206	1/25/2009 13:31	9.95	48	31.1	7.23	7.91	1.3	1.967	78
207	1/25/2009 13:46	9.98	47.263	30.57	7.16	7.9	1.3	1.848	77
208	1/25/2009 14:01	10	47.425	30.69	7.09	7.89	1.3	1.728	76.4
209	1/25/2009 14:16	10.02	47.312	30.61	7.07	7.89	1.4	1.614	76.2
210	1/25/2009 14:31	10.05	47.165	30.5	6.95	7.89	1.4	1.48	74.9
211	1/25/2009 14:46	10.08	47.191	30.52	6.94	7.89	1.5	1.361	74.9
212	1/25/2009 15:01	10.09	46.785	30.23	7.07	7.91	2.5	1.222	76.1
213	1/25/2009 15:16	10.11	46.614	30.11	7.23	7.91	2.3	1.071	77.8
214	1/25/2009 15:31	10.12	46.151	29.78	7.26	7.92	2.3	0.957	78
215	1/25/2009 15:46	10.12	46.265	29.86	7.26	7.92	2.2	0.815	78.1
216	1/25/2009 16:01	10.13	46.3	29.89	7.27	7.91	2.1	0.674	78.2
217	1/25/2009 16:16	10.14	46.361	29.93	7.26	7.91	2	0.557	78.1
218	1/25/2009 16:31	10.13	45.982	29.66	7.19	7.89	2.2	0.436	77.2
219	1/25/2009 16:46	10.14	46.025	29.69	7.15	7.87	2.9	0.352	76.8
220	1/25/2009 17:01	10.14	46.046	29.71	7.14	7.86	3	0.262	76.7
221	1/25/2009 17:16	10.14	46.19	29.81	7.12	7.85	3.1	0.198	76.5
222	1/25/2009 17:31	10.13	46.146	29.78	7.1	7.85	3.1	0.178	76.3
223	1/25/2009 17:46	10.13	45.804	29.53	7.09	7.85	3	0.176	76
224	1/25/2009 18:01	10.12	46.07	29.72	7.03	7.85	3.1	0.194	75.5
225	1/25/2009 18:16	10.11	46.191	29.81	6.98	7.85	2.9	0.243	75
226	1/25/2009 18:31	10.11	45.723	29.48	6.88	7.84	2	0.326	73.7
227	1/25/2009 18:46	10.1	46.194	29.81	6.33	7.79	1.4	0.379	68
228	1/25/2009 19:01	10.08	46.191	29.81	6.17	7.84	3	0.446	66.3
229	1/25/2009 19:16	10.08	46.667	30.15	7.98	7.97	5.4	0.536	85.8
230	1/25/2009 19:31	10.08	46.719	30.19	8.01	7.98	5.6	0.599	86.2
231	1/25/2009 19:46	10.08	46.225	29.83	7.96	7.97	5.2	0.675	85.5
232	1/25/2009 20:01	10.08	46.539	30.06	7.93	7.96	5.8	0.767	85.3
233	1/25/2009 20:16	10.07	46.205	29.82	7.85	7.96	4.2	0.864	84.3
234	1/25/2009 20:31	10.07	45.915	29.61	7.76	7.95	3.8	0.947	83.2
235	1/25/2009 20:46	10.09	46.542	30.06	7.94	7.97	4	1.031	85.4
236	1/25/2009 21:01	10.09	46.788	30.24	8	7.98	3.4	1.147	86.1
237	1/25/2009 21:16	10.06	46.914	30.32	7.97	7.98	3.2	1.246	85.9
238	1/25/2009 21:31	10.02	46.977	30.37	7.99	7.98	3	1.333	86
239	1/25/2009 21:46	10	46.982	30.37	7.97	7.97	2.5	1.42	85.7
240	1/25/2009 22:01	10	47.343	30.63	7.97	7.97	2.5	1.521	85.8
241	1/25/2009 22:16	9.99	47.406	30.67	7.97	7.97	2.4	1.601	85.8
242	1/25/2009 22:31	9.98	47.566	30.79	7.96	7.97	2.3	1.684	85.8
243	1/25/2009 22:46	9.96	47.393	30.66	7.93	7.97	2.4	1.773	85.4
244	1/25/2009 23:01	9.96	47.69	30.87	7.92	7.97	2.1	1.828	85.4
245	1/25/2009 23:16	9.94	47.645	30.84	7.93	7.96	2.3	1.896	85.4
246	1/25/2009 23:31	9.94	47.735	30.91	7.92	7.96	2.1	1.964	85.3
247	1/25/2009 23:46	9.92	47.961	31.07	7.89	7.96	2.1	2.028	85.2
248	1/26/2009 0:01	9.91	47.962	31.07	7.87	7.96	2	2.089	84.9
249	1/26/2009 0:16	9.9	47.908	31.03	7.82	7.95	1.8	2.122	84.3

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
250	1/26/2009 0:31	9.87	47.866	30.99	7.74	7.94	1.5	2.15	83.4
251	1/26/2009 0:46	9.83	48.306	31.31	7.71	7.94	1.5	2.173	83.1
252	1/26/2009 1:01	9.8	48.24	31.26	7.63	7.94	1.3	2.175	82.2
253	1/26/2009 1:16	9.81	48.194	31.23	7.57	7.93	1	2.147	81.5
254	1/26/2009 1:31	9.81	48.007	31.09	7.45	7.92	1	2.115	80.2
255	1/26/2009 1:46	9.8	48.019	31.1	7.37	7.92	1	2.069	79.4
256	1/26/2009 2:01	9.78	47.77	30.92	7.3	7.92	1	2.018	78.4
257	1/26/2009 2:16	9.77	47.694	30.86	7.35	7.93	1.2	1.923	78.9
258	1/26/2009 2:31	9.76	47.677	30.85	7.32	7.92	1.3	1.874	78.6
259	1/26/2009 2:46	9.76	47.798	30.94	7.31	7.92	1.3	1.801	78.5
260	1/26/2009 3:01	9.76	47.645	30.83	7.32	7.93	1.3	1.734	78.6
261	1/26/2009 3:16	9.76	47.608	30.8	7.39	7.93	1.5	1.667	79.3
262	1/26/2009 3:31	9.75	47.457	30.69	7.39	7.93	1.5	1.589	79.2
263	1/26/2009 3:46	9.74	47.467	30.7	7.36	7.94	1.5	1.534	78.9
264	1/26/2009 4:01	9.73	47.305	30.58	7.38	7.94	1.7	1.487	79
265	1/26/2009 4:16	9.71	47.281	30.56	7.39	7.94	1.8	1.433	79.1
266	1/26/2009 4:31	9.7	47.252	30.54	7.39	7.94	1.9	1.374	79.1
267	1/26/2009 4:46	9.69	47.24	30.53	7.39	7.94	2.2	1.333	79.1
268	1/26/2009 5:01	9.67	47.35	30.61	7.48	8.14	3.1	1.31	80
269	1/26/2009 5:16	9.64	46.979	30.34	7.52	7.94	3	1.295	80.2
270	1/26/2009 5:31	9.62	47.348	30.61	7.47	8.03	2.9	1.262	79.9
271	1/26/2009 5:46	9.62	47.075	30.41	7.5	7.94	3.4	1.284	80.1
272	1/26/2009 6:01	9.62	46.101	29.71	7.46	8.27	2.9	1.311	79.2
273	1/26/2009 6:16	9.61	46.867	30.26	7.35	7.93	2.9	1.333	78.3
274	1/26/2009 6:31	9.6	46.105	29.72	7.15	8.26	2.6	1.382	75.9
275	1/26/2009 6:46	9.6	46.883	30.27	7.54	7.92	3.6	1.432	80.4
276	1/26/2009 7:01	9.62	47.122	30.45	7.7	7.96	4.8	1.508	82.2
277	1/26/2009 7:16	9.6	46.337	29.88	7.8	7.96	4.3	1.567	82.9
278	1/26/2009 7:31	9.59	46.243	29.81	7.76	7.66	4.2	1.639	82.4
279	1/26/2009 7:46	9.57	47.063	30.4	7.8	8.29	4.1	1.712	83.2
280	1/26/2009 8:01	9.63	46.533	30.02	7.82	8.29	3.6	1.776	83.2
281	1/26/2009 8:16	9.68	47.734	30.89	7.82	7.96	3.9	1.859	83.8
282	1/26/2009 8:31	9.67	47.894	31	7.86	7.96	3.6	1.93	84.3
283	1/26/2009 8:46	9.67	47.946	31.04	7.89	7.96	3.5	2.009	84.6
284	1/26/2009 9:01	9.68	48.291	31.29	7.91	7.97	3.1	2.089	85
285	1/26/2009 9:16	9.68	48.763	31.63	7.92	8.06	2.9	2.164	85.3
286	1/26/2009 9:31	9.68	47.737	30.89	8.01	7.97	2.7	2.251	85.9
287	1/26/2009 9:46	9.68	49.042	31.83	7.88	8.17	2.6	2.334	85
288	1/26/2009 10:01	9.69	48.729	31.6	7.99	7.97	2.3	2.416	86
289	1/26/2009 10:16	9.68	48.955	31.77	8.03	7.97	2.1	2.49	86.6
290	1/26/2009 10:31	9.67	49.193	31.94	8.03	7.97	2	2.541	86.6
291	1/26/2009 10:46	9.66	49.296	32.01	8.01	7.97	2	2.605	86.4
292	1/26/2009 11:01	9.65	49.314	32.02	7.94	7.97	1.7	2.656	85.7
293	1/26/2009 11:16	9.65	49.235	31.97	7.93	7.96	1.6	2.679	85.5
294	1/26/2009 11:31	9.65	49.362	32.06	7.9	7.96	1.3	2.683	85.2
295	1/26/2009 11:46	9.65	49.256	31.98	7.81	7.95	1.3	2.687	84.2
296	1/26/2009 12:01	9.66	49.347	32.05	7.7	7.95	1.2	2.656	83.1
297	1/26/2009 12:16	9.67	48.525	31.46	7.6	8.27	1.2	2.605	81.7
298	1/26/2009 12:31	9.71	49.1	31.87	7.56	7.93	1.5	2.539	81.6
299	1/26/2009 12:46	9.77	49.05	31.84	7.69	7.95	1.6	2.458	83

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
300	1/26/2009 13:01	9.8	48.803	31.66	7.62	7.94	1.6	2.36	82.2
301	1/26/2009 13:16	9.83	48.558	31.49	7.62	7.94	1.6	2.27	82.2
302	1/26/2009 13:31	9.84	48.494	31.44	7.51	7.94	1.7	2.161	81.1
303	1/26/2009 13:46	9.85	48.25	31.27	7.46	7.93	1.9	2.049	80.4
304	1/26/2009 14:01	9.86	47.216	30.53	7.44	7.92	2.1	1.944	79.9
305	1/26/2009 14:16	9.89	47.505	30.74	7.31	8.26	2.1	1.843	78.6
306	1/26/2009 14:31	9.92	47.36	30.63	7.24	7.92	2	1.726	77.9
307	1/26/2009 14:46	9.94	47.172	30.5	7.22	7.92	2.2	1.591	77.6
308	1/26/2009 15:01	9.97	47.114	30.46	7.1	7.91	2.3	1.47	76.4
309	1/26/2009 15:16	9.98	47.072	30.43	7.01	7.9	2	1.345	75.4
310	1/26/2009 15:31	9.99	46.081	29.72	7.02	8.24	2.1	1.202	75.2
311	1/26/2009 15:46	9.99	46.685	30.16	7.11	8.25	2.4	1.061	76.4
312	1/26/2009 16:01	9.99	46.419	29.97	7.21	7.91	2.4	0.919	77.4
313	1/26/2009 16:16	9.99	46.785	30.23	7.2	8	2.4	0.779	77.4
314	1/26/2009 16:31	10	46.313	29.89	7.21	7.9	2.3	0.634	77.3
315	1/26/2009 16:46	10	46.29	29.87	7.13	7.89	2.3	0.503	76.4
316	1/26/2009 17:01	9.99	46.242	29.84	7.17	7.86	2.7	0.378	76.9
317	1/26/2009 17:16	9.98	46.046	29.7	7.15	7.86	2.6	0.278	76.5
318	1/26/2009 17:31	9.97	46.123	29.75	7.06	7.86	2.5	0.196	75.6
319	1/26/2009 17:46	9.96	46.158	29.78	6.95	7.84	2.8	0.13	74.4
320	1/26/2009 18:01	9.94	46.128	29.75	6.92	7.85	2.9	0.098	74.1
321	1/26/2009 18:16	9.93	46.207	29.81	6.87	7.84	2.5	0.129	73.5
322	1/26/2009 18:31	9.92	46.067	29.71	6.71	7.84	1.9	0.171	71.8
323	1/26/2009 18:46	9.87	46.165	29.78	6.43	7.81	2	0.236	68.7
324	1/26/2009 19:01	9.84	46.086	29.72	6.34	7.79	1.7	0.312	67.7
325	1/26/2009 19:16	9.78	46.297	29.87	5.96	7.75	1.6	0.369	63.6
326	1/26/2009 19:31	9.73	45.584	29.35	6.38	8.12	5.3	0.442	67.8
327	1/26/2009 19:46	9.71	46.239	29.82	6.44	7.79	4.9	0.505	68.6
328	1/26/2009 20:01	9.51	46.04	29.66	6.8	7.84	6.2	0.572	72.1
329	1/26/2009 20:16	9.51	46.005	29.64	7.07	7.86	7.4	0.64	74.9
330	1/26/2009 20:31	9.52	45.911	29.57	7.2	7.87	8.1	0.744	76.3
331	1/26/2009 20:46	9.51	45.811	29.5	7.36	7.89	8.9	0.821	77.8
332	1/26/2009 21:01	9.43	45.691	29.41	7.61	7.92	9.2	0.915	80.3
333	1/26/2009 21:16	9.51	45.744	29.45	7.75	7.92	8.9	1.007	82
334	1/26/2009 21:31	9.79	46.63	30.1	8.01	7.97	8.5	1.124	85.6
335	1/26/2009 21:46	9.8	46.986	30.36	7.99	7.97	7.8	1.233	85.6
336	1/26/2009 22:01	9.78	46.908	30.3	7.99	7.97	6.8	1.329	85.5
337	1/26/2009 22:16	9.78	46.31	29.87	8.13	8.31	5.9	1.427	86.8
338	1/26/2009 22:31	9.81	47.519	30.74	8.12	7.99	5.4	1.524	87.2
339	1/26/2009 22:46	9.8	46.645	30.12	8.14	8.32	5.3	1.621	87
340	1/26/2009 23:01	9.8	47.662	30.84	8.09	7.99	5.2	1.692	86.9
341	1/26/2009 23:16	9.8	47.514	30.74	8.01	7.98	4.3	1.772	86
342	1/26/2009 23:31	9.8	47.635	30.82	8.09	7.99	4	1.85	86.9
343	1/26/2009 23:46	9.79	47.067	30.42	8.12	8.31	3.9	1.917	87
344	1/27/2009 0:01	9.76	47.917	31.02	8.03	7.98	3.5	1.967	86.3
345	1/27/2009 0:16	9.75	48.101	31.16	8.09	7.99	3.4	2.039	87
346	1/27/2009 0:31	9.75	47.404	30.66	8.09	7.98	2.9	2.085	86.7
347	1/27/2009 0:46	9.72	48.7	31.58	7.97	8.18	2.8	2.129	85.9
348	1/27/2009 1:01	9.68	47.609	30.8	8.06	7.98	2.7	2.17	86.3
349	1/27/2009 1:16	9.68	48.46	31.41	7.99	7.97	2.6	2.179	85.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
350	1/27/2009 1:31	9.67	48.66	31.55	7.93	8.17	2.3	2.184	85.3
351	1/27/2009 1:46	9.67	48.419	31.38	7.85	7.96	2	2.165	84.3
352	1/27/2009 2:01	9.67	48.486	31.43	7.68	7.95	2	2.135	82.5
353	1/27/2009 2:16	9.52	48.631	31.52	7.62	8.03	2.6	2.065	81.7
354	1/27/2009 2:31	9.36	48.144	31.16	7.58	8.13	2.9	2.001	80.8
355	1/27/2009 2:46	9.35	47.88	30.97	7.53	7.94	2.4	1.933	80.2
356	1/27/2009 3:01	9.38	46.991	30.34	7.55	8.27	2.6	1.855	80.1
357	1/27/2009 3:16	9.39	47.688	30.83	7.54	7.95	2.9	1.777	80.3
358	1/27/2009 3:31	9.39	47.64	30.8	7.49	7.95	2.9	1.695	79.8
359	1/27/2009 3:46	9.38	47.547	30.73	7.5	7.95	2.9	1.631	79.7
360	1/27/2009 4:01	9.38	46.915	30.28	7.53	7.96	2.9	1.562	79.8
361	1/27/2009 4:16	9.34	47.644	30.8	7.51	8.15	3.5	1.477	79.9
362	1/27/2009 4:31	9.31	47.157	30.45	7.49	7.95	3.7	1.434	79.4
363	1/27/2009 4:46	9.27	47.201	30.48	7.43	7.94	3.7	1.361	78.7
364	1/27/2009 5:01	9.23	46.881	30.25	7.46	7.94	3.8	1.299	78.8
365	1/27/2009 5:16	9.21	46.199	29.76	7.48	8.27	4.1	1.274	78.8
366	1/27/2009 5:31	9.17	46.192	29.75	7.47	8.27	4.3	1.225	78.5
367	1/27/2009 5:46	9.13	46.72	30.12	7.45	7.95	4.3	1.184	78.5
368	1/27/2009 6:01	9.1	46.826	30.2	7.44	7.93	4.5	1.193	78.4
369	1/27/2009 6:16	9.05	46.808	30.18	7.43	7.93	4.1	1.189	78.2
370	1/27/2009 6:31	9.03	46.811	30.18	7.36	7.93	4.1	1.19	77.4
371	1/27/2009 6:46	8.98	46.814	30.18	7.26	7.92	3.6	1.246	76.2
372	1/27/2009 7:01	8.96	46.843	30.2	7.05	7.9	3.2	1.282	74
373	1/27/2009 7:16	8.96	46.798	30.17	7.27	7.89	3.6	1.338	76.3
374	1/27/2009 7:31	8.99	46.903	30.25	7.74	7.94	4.8	1.413	81.3
375	1/27/2009 7:46	9	46.922	30.26	7.8	7.95	4.8	1.474	82.1
376	1/27/2009 8:01	8.98	47.086	30.38	7.77	8.15	4.5	1.553	81.7
377	1/27/2009 8:16	9.03	46.232	29.77	7.88	8.3	4.6	1.629	82.6
378	1/27/2009 8:31	9.14	46.645	30.07	7.91	8.3	4	1.703	83.3
379	1/27/2009 8:46	9.25	47.463	30.66	7.9	7.96	3.8	1.777	83.7
380	1/27/2009 9:01	9.34	46.868	30.24	7.98	7.97	3.4	1.854	84.6
381	1/27/2009 9:16	9.38	47	30.34	8	7.67	3.4	1.925	84.8
382	1/27/2009 9:31	9.45	47.962	31.04	8.01	7.98	3.2	2.011	85.5
383	1/27/2009 9:46	9.48	48.137	31.16	8.03	7.98	3.3	2.071	85.8
384	1/27/2009 10:01	9.49	47.475	30.69	8.08	8.32	2.9	2.156	86.1
385	1/27/2009 10:16	9.49	48.683	31.56	8.07	7.98	2.8	2.238	86.5
386	1/27/2009 10:31	9.49	48.908	31.72	8.09	8.18	2.8	2.309	86.8
387	1/27/2009 10:46	9.49	48.846	31.67	8.05	7.97	2.6	2.377	86.4
388	1/27/2009 11:01	9.46	48.834	31.66	8.09	7.97	2.6	2.445	86.7
389	1/27/2009 11:16	9.44	49.019	31.8	8.08	7.97	2.4	2.51	86.7
390	1/27/2009 11:31	9.44	49.109	31.86	8.08	7.97	2.3	2.544	86.7
391	1/27/2009 11:46	9.43	49.232	31.95	8.02	7.96	2	2.589	86.1
392	1/27/2009 12:01	9.43	49.347	32.03	7.95	7.96	1.9	2.614	85.4
393	1/27/2009 12:16	9.44	48.558	31.46	7.87	8.3	1.9	2.62	84.2
394	1/27/2009 12:31	9.45	49.201	31.93	7.8	7.94	1.6	2.6	83.7
395	1/27/2009 12:46	9.46	49.196	31.92	7.65	7.94	1.6	2.56	82.1
396	1/27/2009 13:01	9.55	48.158	31.18	7.83	8.29	2	2.512	83.8
397	1/27/2009 13:16	9.67	48.309	31.3	7.9	7.95	2.1	2.431	84.9
398	1/27/2009 13:31	9.72	48.87	31.71	7.97	7.96	2	2.341	85.9
399	1/27/2009 13:46	9.73	48.959	31.77	7.81	8.04	2	2.242	84.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
400	1/27/2009 14:01	9.72	48.295	31.29	7.66	7.94	2	2.148	82.4
401	1/27/2009 14:16	9.7	47.422	30.67	7.55	8.29	2	2.041	80.8
402	1/27/2009 14:31	9.71	48.045	31.11	7.43	7.93	2	1.93	79.8
403	1/27/2009 14:46	9.74	47.748	30.9	7.35	7.92	2.3	1.814	78.9
404	1/27/2009 15:01	9.76	47.4	30.65	7.27	7.91	2.4	1.706	77.9
405	1/27/2009 15:16	9.79	46.843	30.26	7.25	7.9	2.6	1.568	77.5
406	1/27/2009 15:31	9.81	46.95	30.33	7.14	7.89	2.5	1.441	76.4
407	1/27/2009 15:46	9.82	46.743	30.19	6.96	7.88	2.6	1.3	74.5
408	1/27/2009 16:01	9.82	45.915	29.6	6.92	7.87	3.1	1.165	73.8
409	1/27/2009 16:16	9.8	46.106	29.73	7.04	7.88	4	1.032	75.1
410	1/27/2009 16:31	9.79	44.918	28.88	7.35	7.88	4.5	0.869	78
411	1/27/2009 16:46	9.78	45.602	29.37	7.43	7.88	4.4	0.739	79
412	1/27/2009 17:01	9.77	45.727	29.46	7.41	7.88	4.2	0.608	78.9
413	1/27/2009 17:16	9.76	44.847	28.83	7.43	8.22	4.1	0.486	78.7
414	1/27/2009 17:31	9.74	45.485	29.28	7.34	7.87	4.8	0.355	78
415	1/27/2009 17:46	9.72	45.51	29.3	7.32	7.87	4.3	0.269	77.7
416	1/27/2009 18:01	9.69	45.752	29.47	7.29	7.87	4.4	0.196	77.4
417	1/27/2009 18:16	9.65	45.697	29.43	7.19	7.87	4.2	0.175	76.3
418	1/27/2009 18:31	9.6	45.772	29.48	7.14	7.88	3.7	0.176	75.7
419	1/27/2009 18:46	9.56	44.866	28.83	7.03	7.87	3.7	0.188	74.1
420	1/27/2009 19:01	9.53	45.636	29.38	6.85	7.86	3.4	0.244	72.5
421	1/27/2009 19:16	9.49	45.806	29.5	6.77	7.84	1.6	0.298	71.7
422	1/27/2009 19:31	9.46	44.92	28.86	6.59	7.83	2.1	0.346	69.4
423	1/27/2009 19:46	9.43	45.634	29.37	5.99	7.76	3.2	0.421	63.2
424	1/27/2009 20:01	9.37	45.606	29.35	6.01	7.76	2.5	0.476	63.3
425	1/27/2009 20:16	9.28	45.07	28.96	5.78	7.74	2	0.536	60.7
426	1/27/2009 20:31	9.09	45.779	29.45	6.61	7.78	2.4	0.61	69.3
427	1/27/2009 20:46	9.08	45.8	29.47	7.61	7.86	4.6	0.695	79.8
428	1/27/2009 21:01	9.07	45.011	28.9	7.91	7.91	3.8	0.78	82.5
429	1/27/2009 21:16	9.05	45.665	29.37	7.57	7.92	3.7	0.863	79.3
430	1/27/2009 21:31	8.99	45.999	29.6	7.53	8	4	0.966	78.9
431	1/27/2009 21:46	9.12	45.579	29.31	7.94	7.94	3.8	1.055	83.1
432	1/27/2009 22:01	9.39	46.412	29.92	8.37	8	4.1	1.17	88.6
433	1/27/2009 22:16	9.44	47.001	30.35	8.34	8.09	3.8	1.285	88.6
434	1/27/2009 22:31	9.44	45.752	29.45	8.38	8	3.8	1.384	88.5
435	1/27/2009 22:46	9.5	46.751	30.17	8.31	7.99	3.8	1.482	88.2
436	1/27/2009 23:01	9.61	47.457	30.68	8.34	8.2	3.6	1.592	89.2
437	1/27/2009 23:16	9.62	46.697	30.14	8.36	8.01	3.2	1.681	89
438	1/27/2009 23:31	9.61	47.699	30.86	8.27	8.01	3.5	1.76	88.5
439	1/27/2009 23:46	9.61	47.643	30.82	8.29	8	2.9	1.844	88.7
440	1/28/2009 0:01	9.63	47.804	30.93	8.24	8	3.1	1.917	88.2
441	1/28/2009 0:16	9.62	48.025	31.09	8.25	7.99	2.8	1.99	88.4
442	1/28/2009 0:31	9.61	48.513	31.44	8.24	8.09	2.6	2.05	88.4
443	1/28/2009 0:46	9.59	47.379	30.63	8.26	7.99	2.6	2.112	88.2
444	1/28/2009 1:01	9.56	47.64	30.81	8.13	8.32	2.4	2.16	86.8
445	1/28/2009 1:16	9.52	48.768	31.62	8.07	7.98	2.4	2.206	86.6
446	1/28/2009 1:31	9.5	47.809	30.93	7.99	8.3	2.3	2.236	85.3
447	1/28/2009 1:46	9.49	48.72	31.58	7.91	8.16	2	2.245	84.8
448	1/28/2009 2:01	9.49	48.882	31.7	7.79	7.96	1.8	2.246	83.6
449	1/28/2009 2:16	9.49	48.08	31.12	7.75	7.96	1.6	2.222	82.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
450	1/28/2009 2:31	9.5	47.798	30.92	7.59	7.94	1.6	2.181	81
451	1/28/2009 2:46	9.44	48.368	31.33	7.64	7.95	1.8	2.109	81.7
452	1/28/2009 3:01	9.36	48.118	31.14	7.67	7.95	2	2.05	81.8
453	1/28/2009 3:16	9.36	47.39	30.62	7.66	7.95	2	1.964	81.4
454	1/28/2009 3:31	9.37	47.95	31.02	7.7	7.96	2.3	1.883	82
455	1/28/2009 3:46	9.38	47.049	30.38	7.74	8.3	2	1.794	82.1
456	1/28/2009 4:01	9.38	47.622	30.79	7.68	7.96	1.9	1.715	81.7
457	1/28/2009 4:16	9.38	47.631	30.79	7.71	8.16	2	1.636	82.1
458	1/28/2009 4:31	9.38	47.564	30.75	7.71	8.16	2.2	1.544	82
459	1/28/2009 4:46	9.37	46.188	29.76	7.77	8.3	2.4	1.47	82.1
460	1/28/2009 5:01	9.36	46.916	30.28	7.74	7.96	2.4	1.395	82
461	1/28/2009 5:16	9.34	46.63	30.07	7.77	7.95	2.3	1.305	82.2
462	1/28/2009 5:31	9.32	46.766	30.17	7.73	7.95	2.4	1.253	81.8
463	1/28/2009 5:46	9.29	46.936	30.29	7.7	8.04	2.4	1.198	81.5
464	1/28/2009 6:01	9.27	46.54	30.01	7.72	7.95	2.6	1.142	81.5
465	1/28/2009 6:16	9.25	46.3	29.83	7.7	7.94	2.7	1.126	81.2
466	1/28/2009 6:31	9.23	46.5	29.97	7.62	7.94	2.6	1.112	80.3
467	1/28/2009 6:46	9.21	46.336	29.86	7.56	7.93	2.6	1.109	79.7
468	1/28/2009 7:01	9.2	46.323	29.85	7.51	7.94	2.7	1.116	79.1
469	1/28/2009 7:16	9.19	46.284	29.82	7.34	7.93	2.7	1.156	77.3
470	1/28/2009 7:31	9.17	46.349	29.86	6.73	7.88	1.5	1.196	70.8
471	1/28/2009 7:46	9.14	46.742	30.14	7.09	7.87	1.8	1.247	74.7
472	1/28/2009 8:01	9.16	46.943	30.29	7.61	8.12	3.5	1.317	80.3
473	1/28/2009 8:16	9.15	46.186	29.75	7.95	7.96	3.1	1.385	83.6
474	1/28/2009 8:31	9.13	46.977	30.31	7.92	7.96	2.8	1.457	83.6
475	1/28/2009 8:46	9.13	46.292	29.82	8	7.97	3	1.533	84.1
476	1/28/2009 9:01	9.16	46.206	29.76	8.06	8.3	2.9	1.607	84.7
477	1/28/2009 9:16	9.25	46.394	29.9	8.09	7.68	2.6	1.677	85.3
478	1/28/2009 9:31	9.31	46.607	30.06	8.05	8.3	2.6	1.743	85.1
479	1/28/2009 9:46	9.38	46.847	30.23	8.08	8.31	2.4	1.816	85.6
480	1/28/2009 10:01	9.43	48.293	31.27	8.08	8.18	2.4	1.886	86.3
481	1/28/2009 10:16	9.47	48.103	31.14	8.07	8.18	2.3	1.95	86.2
482	1/28/2009 10:31	9.49	47.374	30.62	8.14	8.32	2.3	2.029	86.8
483	1/28/2009 10:46	9.49	48.668	31.55	8.09	8.18	2.4	2.097	86.7
484	1/28/2009 11:01	9.48	48.311	31.29	8.03	7.98	2.3	2.171	85.9
485	1/28/2009 11:16	9.45	48.671	31.55	7.98	7.98	2.2	2.236	85.5
486	1/28/2009 11:31	9.43	48.733	31.59	7.97	7.97	2.3	2.311	85.3
487	1/28/2009 11:46	9.43	48.287	31.27	7.92	7.97	2.1	2.368	84.6
488	1/28/2009 12:01	9.42	49.005	31.78	7.86	7.97	1.9	2.426	84.2
489	1/28/2009 12:16	9.41	49.175	31.91	7.83	7.96	1.9	2.477	83.9
490	1/28/2009 12:31	9.41	49.051	31.82	7.76	7.96	1.8	2.506	83.2
491	1/28/2009 12:46	9.41	48.27	31.25	7.63	7.95	1.5	2.532	81.4
492	1/28/2009 13:01	9.42	49.222	31.94	7.63	7.95	1.5	2.537	81.8
493	1/28/2009 13:16	9.43	49.264	31.97	7.44	7.93	1.2	2.514	79.9
494	1/28/2009 13:31	9.43	49.033	31.8	7.26	7.9	1.1	2.462	77.8
495	1/28/2009 13:46	9.42	49.207	31.93	7.29	7.91	2.1	2.408	78.3
496	1/28/2009 14:01	9.46	49.187	31.92	7.52	8.13	2.4	2.335	80.7
497	1/28/2009 14:16	9.49	48.868	31.69	7.53	7.94	1.6	2.229	80.8
498	1/28/2009 14:31	9.5	48.61	31.51	7.49	7.94	1.5	2.127	80.3
499	1/28/2009 14:46	9.52	48.511	31.44	7.44	7.94	1.3	2.042	79.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depth	DO%
			mS/cm	ppt	mg/L		NTU	meters	
500	1/28/2009 15:01	9.54	47.407	30.64	7.48	7.94	1.5	1.93	79.7
501	1/28/2009 15:16	9.55	47.892	30.99	7.42	7.94	1.6	1.813	79.4
502	1/28/2009 15:31	9.58	46.58	30.05	7.43	8.27	2.1	1.708	79
503	1/28/2009 15:46	9.59	46.361	29.9	7.38	7.93	1.8	1.595	78.4
504	1/28/2009 16:01	9.61	46.971	30.34	7.36	7.92	2	1.469	78.5
505	1/28/2009 16:16	9.62	46.094	29.71	7.27	8.25	1.8	1.326	77.2
506	1/28/2009 16:31	9.62	45.996	29.64	7.04	8.23	1.6	1.203	74.7
507	1/28/2009 16:46	9.62	45.503	29.29	6.89	7.88	2	1.068	73
508	1/28/2009 17:01	9.62	45.899	29.57	7.12	7.88	2.6	0.926	75.6
509	1/28/2009 17:16	9.61	45.785	29.49	7.21	7.88	2.4	0.804	76.5
510	1/28/2009 17:31	9.61	45.729	29.45	7.33	7.88	2.4	0.674	77.7
511	1/28/2009 17:46	9.61	45.758	29.47	7.44	8.08	2.7	0.563	78.9
512	1/28/2009 18:01	9.6	44.824	28.8	7.52	8.22	2.9	0.445	79.3
513	1/28/2009 18:16	9.58	45.626	29.37	7.43	7.89	2.8	0.349	78.7
514	1/28/2009 18:31	9.57	44.885	28.85	7.43	8.21	2.7	0.285	78.4
515	1/28/2009 18:46	9.55	45.925	29.59	7.3	8.07	2.7	0.229	77.3
516	1/28/2009 19:01	9.49	45.745	29.45	7.04	8.03	2.6	0.233	74.4
517	1/28/2009 19:16	9.46	44.8	28.78	7.02	7.85	2.3	0.247	73.9
518	1/28/2009 19:31	9.43	44.737	28.73	6.79	8.16	2.1	0.281	71.4
519	1/28/2009 19:46	9.4	44.731	28.73	6.57	7.83	2.1	0.342	69
520	1/28/2009 20:01	9.37	45.659	29.38	6.47	7.81	1.8	0.399	68.2
521	1/28/2009 20:16	9.34	45.966	29.6	6.21	7.89	1	0.475	65.5
522	1/28/2009 20:31	9.31	45.637	29.36	5.55	7.7	0.9	0.549	58.4
523	1/28/2009 20:46	9.18	46.327	29.85	7.28	8.03	8	0.62	76.7
524	1/28/2009 21:01	9.12	46.329	29.84	7.83	8.09	8.3	0.688	82.3
525	1/28/2009 21:16	9.09	45.447	29.21	7.85	7.94	7.8	0.771	82.1
526	1/28/2009 21:31	9.1	46.218	29.76	7.76	7.94	8	0.869	81.5
527	1/28/2009 21:46	9.23	46.384	29.89	8.23	7.99	10.2	0.938	86.8
528	1/28/2009 22:01	9.32	47.024	30.36	8.26	8.17	10.4	1.039	87.5
529	1/28/2009 22:16	9.3	46.674	30.1	8.27	8	10	1.149	87.4
530	1/28/2009 22:31	9.29	46.868	30.24	8.26	8.17	8	1.247	87.4
531	1/28/2009 22:46	9.36	47.032	30.36	8.29	8.18	6.8	1.345	88
532	1/28/2009 23:01	9.45	47.719	30.86	8.31	8.1	6.3	1.446	88.6
533	1/28/2009 23:16	9.54	48.017	31.08	8.33	8.11	4.9	1.546	89.1
534	1/28/2009 23:31	9.54	46.96	30.32	8.35	8.02	5.7	1.646	88.9
535	1/28/2009 23:46	9.53	48.124	31.16	8.22	8.19	5.1	1.726	87.9
536	1/29/2009 0:01	9.53	47.077	30.41	8.25	8.01	5.4	1.807	87.9
537	1/29/2009 0:16	9.53	47.839	30.95	8.19	8	4.8	1.888	87.5
538	1/29/2009 0:31	9.51	48.133	31.16	8.13	8	4.6	1.954	87
539	1/29/2009 0:46	9.47	47.537	30.73	8.14	7.99	4	2.027	86.7
540	1/29/2009 1:01	9.45	48.498	31.42	8.06	7.99	4	2.094	86.2
541	1/29/2009 1:16	9.44	48.444	31.38	8	7.98	3.2	2.152	85.6
542	1/29/2009 1:31	9.42	48.83	31.66	7.93	7.98	2.9	2.189	84.9
543	1/29/2009 1:46	9.37	49.151	31.88	7.85	8.15	2.7	2.24	84.1
544	1/29/2009 2:01	9.36	48.211	31.21	7.82	7.96	2.5	2.262	83.4
545	1/29/2009 2:16	9.35	49.061	31.82	7.77	7.96	2.2	2.262	83.2
546	1/29/2009 2:31	9.33	49.064	31.82	7.72	7.95	2	2.264	82.6
547	1/29/2009 2:46	9.34	48.179	31.18	7.64	7.95	1.8	2.224	81.4
548	1/29/2009 3:01	9.3	48.231	31.22	7.54	8.26	2.1	2.18	80.3
549	1/29/2009 3:16	9.13	47.704	30.83	7.62	7.95	2.8	2.107	80.6

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
550	1/29/2009 3:31	9.13	47.57	30.73	7.58	8.27	2.2	2.03	80.1
551	1/29/2009 3:46	9.16	47.418	30.63	7.61	8.28	2.6	1.955	80.5
552	1/29/2009 4:01	9.18	47.167	30.45	7.65	8.29	2.6	1.878	80.8
553	1/29/2009 4:16	9.18	48.091	31.11	7.64	7.97	2.5	1.777	81.1
554	1/29/2009 4:31	9.17	47.137	30.43	7.71	8.3	2.6	1.696	81.4
555	1/29/2009 4:46	9.16	46.93	30.28	7.72	7.98	2.8	1.627	81.5
556	1/29/2009 5:01	9.15	47.723	30.84	7.72	7.99	2.6	1.537	81.7
557	1/29/2009 5:16	9.14	46.788	30.17	7.77	7.98	3.2	1.444	81.9
558	1/29/2009 5:31	9.11	47.346	30.57	7.64	7.97	3.5	1.36	80.7
559	1/29/2009 5:46	9.09	46.447	29.93	7.65	7.97	3.2	1.289	80.4
560	1/29/2009 6:01	9.06	47.256	30.5	7.62	8.06	3.8	1.214	80.4
561	1/29/2009 6:16	9.02	47.107	30.39	7.65	8.06	4.4	1.138	80.5
562	1/29/2009 6:31	9	46.559	30	7.68	8.14	4.6	1.083	80.6
563	1/29/2009 6:46	8.97	46.526	29.97	7.68	7.97	4.8	1.053	80.6
564	1/29/2009 7:01	8.93	46.564	30	7.69	7.97	5.2	1	80.6
565	1/29/2009 7:16	8.91	45.848	29.49	7.7	7.97	5.2	0.981	80.4
566	1/29/2009 7:31	8.9	46.958	30.28	7.62	8.13	5.1	0.984	79.9
567	1/29/2009 7:46	8.88	45.798	29.45	7.58	7.96	4.6	1	79.1
568	1/29/2009 8:01	8.86	46.827	30.18	7.35	7.96	4.3	1.026	77
569	1/29/2009 8:16	8.82	46.015	29.6	7.14	8.21	4.2	1.077	74.4
570	1/29/2009 8:31	8.79	46.108	29.66	7.49	8.23	4.8	1.135	78.1
571	1/29/2009 8:46	8.8	46.472	29.92	7.79	7.96	4.6	1.206	81.4
572	1/29/2009 9:01	8.79	47.395	30.58	7.94	8.07	4.3	1.275	83.3
573	1/29/2009 9:16	8.77	46.229	29.75	7.98	7.98	4.6	1.347	83.2
574	1/29/2009 9:31	8.76	46.998	30.3	7.9	7.99	4.3	1.439	82.7
575	1/29/2009 9:46	8.8	46.185	29.72	7.93	7.98	4.2	1.502	82.7
576	1/29/2009 10:01	8.94	47.347	30.56	8.05	8	3.8	1.569	84.7
577	1/29/2009 10:16	9.05	47.458	30.65	8.02	8	3.6	1.658	84.6
578	1/29/2009 10:31	9.11	47.845	30.93	8.02	8	3.4	1.715	84.9
579	1/29/2009 10:46	9.18	47.715	30.84	8.04	8	3.2	1.785	85.2
580	1/29/2009 11:01	9.24	48.017	31.06	8.04	8.16	2.7	1.847	85.4
581	1/29/2009 11:16	9.28	48.525	31.43	8.05	8.09	2.7	1.918	85.8
582	1/29/2009 11:31	9.3	48.653	31.52	8.01	8.08	2.5	1.986	85.4
583	1/29/2009 11:46	9.31	48.411	31.35	7.96	8.16	2.5	2.047	84.8
584	1/29/2009 12:01	9.31	48.142	31.15	8.01	7.99	2.4	2.111	85.3
585	1/29/2009 12:16	9.3	48.743	31.59	7.98	7.98	2.5	2.176	85.2
586	1/29/2009 12:31	9.3	48.433	31.36	7.98	7.98	2.6	2.228	85
587	1/29/2009 12:46	9.31	48.878	31.68	7.96	7.98	2.2	2.279	85.1
588	1/29/2009 13:01	9.32	48.316	31.28	7.95	7.97	2	2.324	84.7
589	1/29/2009 13:16	9.33	48.12	31.14	7.91	8.28	2	2.354	84.3
590	1/29/2009 13:31	9.34	48.156	31.17	7.91	8.27	1.8	2.364	84.3
591	1/29/2009 13:46	9.36	49.148	31.88	7.8	7.96	1.6	2.363	83.5
592	1/29/2009 14:01	9.39	49.265	31.97	7.66	8.13	1.4	2.334	82.1
593	1/29/2009 14:16	9.38	48.226	31.22	7.67	7.94	1.4	2.288	81.8
594	1/29/2009 14:31	9.42	47.99	31.05	7.62	7.94	1.7	2.228	81.3
595	1/29/2009 14:46	9.64	47.985	31.06	7.88	8.29	1.9	2.14	84.5
596	1/29/2009 15:01	9.66	48.563	31.48	7.85	7.96	1.9	2.05	84.5
597	1/29/2009 15:16	9.64	48.243	31.25	7.53	7.95	1.8	1.962	80.8
598	1/29/2009 15:31	9.64	47.676	30.84	7.47	8.13	1.8	1.862	80
599	1/29/2009 15:46	9.67	47.073	30.41	7.47	7.95	2	1.771	79.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
600	1/29/2009 16:01	9.68	47.357	30.62	7.42	8.12	2	1.667	79.3
601	1/29/2009 16:16	9.7	46.818	30.23	7.38	7.94	2.3	1.567	78.7
602	1/29/2009 16:31	9.71	47.067	30.41	7.32	7.93	2.5	1.465	78.3
603	1/29/2009 16:46	9.72	46.13	29.74	7.37	8.25	2.7	1.327	78.5
604	1/29/2009 17:01	9.72	46.15	29.76	7.35	8.24	2.7	1.224	78.2
605	1/29/2009 17:16	9.72	46.199	29.79	7.23	8.23	2.6	1.109	77
606	1/29/2009 17:31	9.72	45.947	29.61	7.06	8.22	2.5	0.98	75.1
607	1/29/2009 17:46	9.72	45.637	29.39	7.06	8.22	2.9	0.867	75
608	1/29/2009 18:01	9.72	45.414	29.23	7.14	7.91	3.5	0.756	75.8
609	1/29/2009 18:16	9.71	46.548	30.04	7.2	8.08	7.3	0.644	76.8
610	1/29/2009 18:31	9.71	46.074	29.7	7.18	7.97	3.4	0.548	76.4
611	1/29/2009 18:46	9.7	46.163	29.76	7.15	7.97	3.2	0.473	76.1
612	1/29/2009 19:01	9.69	45.801	29.51	7.13	8.04	3.1	0.411	75.8
613	1/29/2009 19:16	9.67	45.117	29.02	7.11	7.87	3.2	0.362	75.3
614	1/29/2009 19:31	9.66	45.876	29.56	6.99	7.87	3.1	0.361	74.3
615	1/29/2009 19:46	9.64	45.962	29.62	6.91	8.03	3	0.382	73.4
616	1/29/2009 20:01	9.63	45.873	29.55	6.77	8.02	2.7	0.41	71.9
617	1/29/2009 20:16	9.61	45.972	29.62	6.41	7.99	2.1	0.467	68.1
618	1/29/2009 20:31	9.6	46.263	29.83	5.99	7.85	1.1	0.526	63.7
619	1/29/2009 20:46	9.52	46.672	30.12	7.71	8.09	3	0.611	82
620	1/29/2009 21:01	9.51	47.167	30.47	8.33	8.09	3.2	0.685	88.7
621	1/29/2009 21:16	9.49	46.512	30	8.37	8	3.2	0.741	88.8
622	1/29/2009 21:31	9.49	46.786	30.2	8.42	8.02	3.2	0.844	89.4
623	1/29/2009 21:46	9.49	45.798	29.49	8.4	8.03	3.3	0.908	88.9
624	1/29/2009 22:01	9.5	45.889	29.56	8.45	8.3	3.1	0.999	89.4
625	1/29/2009 22:16	9.55	46.168	29.76	8.59	8.04	3.2	1.09	91.2
626	1/29/2009 22:31	9.56	45.943	29.6	8.62	8.32	3	1.178	91.4
627	1/29/2009 22:46	9.55	46.092	29.7	8.62	8.32	3.2	1.28	91.4
628	1/29/2009 23:01	9.57	46.386	29.92	8.56	8.31	2.8	1.371	91
629	1/29/2009 23:16	9.56	46.843	30.24	8.45	8.04	2.9	1.466	90
630	1/29/2009 23:31	9.59	47.599	30.79	8.37	8.04	3	1.556	89.5
631	1/29/2009 23:46	9.62	46.954	30.32	8.44	8.04	2.7	1.651	90
632	1/30/2009 0:01	9.62	47.967	31.05	8.38	8.04	2.7	1.737	89.8
633	1/30/2009 0:16	9.58	48.074	31.12	8.32	8.17	2.8	1.812	89.1
634	1/30/2009 0:31	9.58	47.955	31.04	8.28	8.03	2.9	1.903	88.6
635	1/30/2009 0:46	9.57	48.336	31.31	8.26	8.02	2.9	1.978	88.5
636	1/30/2009 1:01	9.52	48.894	31.71	8.22	8.1	2.7	2.059	88.3
637	1/30/2009 1:16	9.49	48.778	31.62	8.19	8.1	2.7	2.13	87.9
638	1/30/2009 1:31	9.46	49.134	31.88	8.11	8.09	2.5	2.2	87
639	1/30/2009 1:46	9.42	48.255	31.24	8.06	8.27	2.4	2.264	86.1
640	1/30/2009 2:01	9.39	49.376	32.05	7.99	7.99	2.3	2.314	85.7
641	1/30/2009 2:16	9.38	49.164	31.89	7.97	7.98	2.1	2.357	85.4
642	1/30/2009 2:31	9.37	48.57	31.47	7.85	8.24	2	2.384	83.9
643	1/30/2009 2:46	9.37	49.525	32.15	7.77	7.97	1.8	2.391	83.4
644	1/30/2009 3:01	9.37	48.771	31.61	7.72	7.96	1.6	2.373	82.6
645	1/30/2009 3:16	9.37	49.323	32.01	7.59	8.1	1.4	2.333	81.4
646	1/30/2009 3:31	9.31	48.256	31.24	7.69	8.24	1.8	2.278	82
647	1/30/2009 3:46	9.25	47.943	31.01	7.71	8.25	2	2.2	82
648	1/30/2009 4:01	9.27	48.571	31.46	7.73	8.12	2	2.119	82.4
649	1/30/2009 4:16	9.29	47.592	30.76	7.73	8.26	1.6	2.027	82.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
650	1/30/2009 4:31	9.31	47.669	30.82	7.77	8.27	1.7	1.933	82.6
651	1/30/2009 4:46	9.31	48.084	31.11	7.73	7.99	1.6	1.847	82.3
652	1/30/2009 5:01	9.31	48.049	31.09	7.76	8	1.6	1.748	82.6
653	1/30/2009 5:16	9.31	48.018	31.07	7.76	8.01	1.5	1.671	82.6
654	1/30/2009 5:31	9.31	47.095	30.4	7.82	8.29	1.6	1.581	82.9
655	1/30/2009 5:46	9.3	47	30.34	7.81	8.28	1.6	1.486	82.7
656	1/30/2009 6:01	9.29	47.392	30.62	7.8	8.01	1.6	1.401	82.8
657	1/30/2009 6:16	9.27	46.679	30.1	7.84	8.01	1.6	1.314	82.8
658	1/30/2009 6:31	9.25	46.356	29.87	7.86	8.27	1.6	1.238	82.9
659	1/30/2009 6:46	9.23	46.963	30.31	7.84	8.01	1.8	1.155	82.9
660	1/30/2009 7:01	9.21	46.054	29.66	7.87	8.27	1.8	1.082	82.8
661	1/30/2009 7:16	9.19	45.971	29.6	7.84	7.7	2	1.026	82.5
662	1/30/2009 7:31	9.17	45.947	29.58	7.83	7.7	2.1	0.983	82.3
663	1/30/2009 7:46	9.13	46.782	30.17	7.73	8.26	2	0.953	81.4
664	1/30/2009 8:01	9.12	46.88	30.24	7.71	8.12	2.1	0.928	81.2
665	1/30/2009 8:16	9.1	45.801	29.47	7.74	8.26	2.1	0.934	81.1
666	1/30/2009 8:31	9.09	46.721	30.12	7.59	7.99	1.8	0.966	79.9
667	1/30/2009 8:46	9.03	46.013	29.61	7.27	7.96	1.6	0.999	76.2
668	1/30/2009 9:01	9.02	47.029	30.34	7.32	7.95	1.6	1.029	77.1
669	1/30/2009 9:16	9.04	46.25	29.78	7.94	7.99	2	1.104	83.3
670	1/30/2009 9:31	9.07	46.826	30.2	8.21	8.03	2.6	1.179	86.5
671	1/30/2009 9:46	9.03	46.723	30.12	8.22	8.14	2.4	1.235	86.4
672	1/30/2009 10:01	9	47.521	30.69	8.12	8.1	2.5	1.309	85.6
673	1/30/2009 10:16	8.99	47.516	30.68	8.09	8.1	2.3	1.383	85.3
674	1/30/2009 10:31	9.05	47.573	30.73	8.1	8.1	2.4	1.454	85.5
675	1/30/2009 10:46	9.12	47.726	30.84	8.1	8.1	2.4	1.518	85.7
676	1/30/2009 11:01	9.19	47.447	30.65	8.13	8.1	2.5	1.576	86
677	1/30/2009 11:16	9.22	46.955	30.3	8.04	8.01	2.2	1.644	85
678	1/30/2009 11:31	9.27	47.245	30.51	8.08	8.02	2.1	1.708	85.6
679	1/30/2009 11:46	9.33	48.152	31.16	8.11	8.02	2	1.766	86.3
680	1/30/2009 12:01	9.39	47.298	30.56	8.16	8.29	2	1.826	86.7
681	1/30/2009 12:16	9.42	48.177	31.19	8.14	8.02	2	1.885	86.9
682	1/30/2009 12:31	9.43	47.817	30.93	8.16	8.02	2	1.947	87
683	1/30/2009 12:46	9.43	48.375	31.33	8.12	8.14	1.8	1.999	86.8
684	1/30/2009 13:01	9.43	47.848	30.95	8.1	8.01	1.7	2.056	86.4
685	1/30/2009 13:16	9.43	47.984	31.05	8	8	1.8	2.104	85.4
686	1/30/2009 13:31	9.43	48.174	31.19	7.99	8.13	1.7	2.156	85.3
687	1/30/2009 13:46	9.43	48.015	31.07	8	8.26	1.6	2.19	85.4
688	1/30/2009 14:01	9.44	49.066	31.83	7.88	7.99	1.6	2.2	84.5
Mean		9.63	47.23	30.52	7.63	8.01	2.65	1.55	81.52
Minimum		8.76	44.73	28.73	5.55	7.60	0.70	0.10	58.40
Maximum		10.19	49.53	32.15	8.67	8.35	17.00	2.76	93.30
Standard Dev.		0.31	1.08	0.77	0.43	0.14	1.54	0.67	4.74

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

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
0	1/30/2009 14:16	9.46	49.822	32.37	8.81			2.166	94.8
1	1/30/2009 14:31	9.5	49.848	32.4	8.65		5.1	2.157	93.3
2	1/30/2009 14:46	9.62	49.974	32.5	8.64		3.1	2.114	93.4
3	1/30/2009 15:01	9.75	49.979	32.51	8.62		2.7	2.091	93.5
4	1/30/2009 15:16	10.04	49.32	32.05	8.47		2.9	2.036	92.2
5	1/30/2009 15:31	9.89	49.081	31.87	8.35		4.3	1.953	90.5
6	1/30/2009 15:46	9.97	49.061	31.86	8.3		3.3	1.88	90.1
7	1/30/2009 16:01	9.98	49.077	31.87	8.24		2.7	1.791	89.4
8	1/30/2009 16:16	9.99	49.04	31.85	8.23		2.6	1.706	89.4
9	1/30/2009 16:31	9.97	48.984	31.81	8.24		2.3	1.613	89.4
10	1/30/2009 16:46	9.94	48.889	31.74	8.24		1.9	1.515	89.3
11	1/30/2009 17:01	9.93	48.738	31.63	8.26		1.8	1.416	89.5
12	1/30/2009 17:16	9.91	48.598	31.52	8.26		2	1.311	89.3
13	1/30/2009 17:31	9.88	48.477	31.43	8.23		2	1.206	88.9
14	1/30/2009 17:46	9.86	48.328	31.33	8.2		2.3	1.098	88.5
15	1/30/2009 18:01	9.85	48.196	31.23	8.2		2.3	0.993	88.4
16	1/30/2009 18:16	9.84	48.095	31.16	8.13		2.6	0.894	87.6
17	1/30/2009 18:31	9.83	48.001	31.09	8.12		3.2	0.794	87.5
18	1/30/2009 18:46	9.83	47.927	31.04	8.08		4	0.706	87
19	1/30/2009 19:01	9.82	47.87	30.99	8.05		4.2	0.623	86.6
20	1/30/2009 19:16	9.81	47.827	30.96	8.04		4	0.57	86.4
21	1/30/2009 19:31	9.81	47.795	30.94	8.04		4.5	0.517	86.4
22	1/30/2009 19:46	9.8	47.777	30.93	8.03		4.7	0.484	86.3
23	1/30/2009 20:01	9.8	47.768	30.92	8.01		4.5	0.487	86
24	1/30/2009 20:16	9.79	47.774	30.92	8.01		4.3	0.493	86
25	1/30/2009 20:31	9.78	47.777	30.93	7.98		3.9	0.516	85.7
26	1/30/2009 20:46	9.78	47.802	30.94	7.69		1.7	0.567	82.7
27	1/30/2009 21:01	9.76	47.846	30.97	6.6		0.8	0.619	70.9
28	1/30/2009 21:16	9.74	47.978	31.07	7.05		1.2	0.677	75.7
29	1/30/2009 21:31	9.72	48.228	31.25	9.8		1.5	0.759	105.3
30	1/30/2009 21:46	9.72	48.206	31.23	9.8		1.5	0.823	105.4
31	1/30/2009 22:01	9.72	48.188	31.22	9.78		1.6	0.897	105.1
32	1/30/2009 22:16	9.72	48.149	31.19	9.78		1.5	0.979	105.1
33	1/30/2009 22:31	9.71	48.109	31.16	9.77		1.6	1.058	104.9
34	1/30/2009 22:46	9.72	48.101	31.15	9.79		1.5	1.152	105.2
35	1/30/2009 23:01	9.74	48.228	31.25	9.83		1.5	1.232	105.7
36	1/30/2009 23:16	9.71	48.451	31.41	9.73		1.4	1.312	104.7
37	1/30/2009 23:31	9.69	48.672	31.56	9.65		1.6	1.414	103.8
38	1/30/2009 23:46	9.67	48.888	31.72	9.51		1.4	1.492	102.4
39	1/31/2009 0:01	9.68	49.146	31.9	9.41		1.3	1.579	101.5
40	1/31/2009 0:16	9.67	49.247	31.98	9.41		1.4	1.666	101.6
41	1/31/2009 0:31	9.67	49.299	32.01	9.41		1.4	1.748	101.5
42	1/31/2009 0:46	9.64	49.419	32.1	9.34		1.6	1.837	100.8
43	1/31/2009 1:01	9.62	49.483	32.14	9.3		1.5	1.918	100.3
44	1/31/2009 1:16	9.58	49.7	32.3	9.21		1.5	2.001	99.3
45	1/31/2009 1:31	9.53	49.886	32.43	9.11		1.3	2.075	98.3
46	1/31/2009 1:46	9.49	50.029	32.53	9.01		1.5	2.149	97.2
47	1/31/2009 2:01	9.46	50.195	32.64	8.92		1.3	2.222	96.2
48	1/31/2009 2:16	9.43	50.411	32.8	8.78		1.3	2.285	94.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
49	1/31/2009 2:31	9.4	50.609	32.94	8.61		1	2.338	93
50	1/31/2009 2:46	9.38	50.691	33	8.54		1	2.368	92.1
51	1/31/2009 3:01	9.37	50.722	33.02	8.51		0.9	2.387	91.8
52	1/31/2009 3:16	9.37	50.714	33.01	8.46		0.9	2.395	91.3
53	1/31/2009 3:31	9.38	50.67	32.98	8.37		0.9	2.366	90.3
54	1/31/2009 3:46	9.38	50.558	32.9	8.36		0.7	2.325	90.2
55	1/31/2009 4:01	9.39	50.305	32.72	8.5		1	2.27	91.6
56	1/31/2009 4:16	9.4	50.113	32.58	8.53		1.3	2.187	91.9
57	1/31/2009 4:31	9.41	49.99	32.49	8.56		1	2.114	92.1
58	1/31/2009 4:46	9.43	49.778	32.34	8.69		1	2.018	93.5
59	1/31/2009 5:01	9.45	49.589	32.21	8.77		1	1.935	94.3
60	1/31/2009 5:16	9.46	49.481	32.13	8.79		1	1.857	94.5
61	1/31/2009 5:31	9.46	49.374	32.05	8.87		1	1.755	95.3
62	1/31/2009 5:46	9.46	49.286	31.99	8.89		0.9	1.673	95.4
63	1/31/2009 6:01	9.47	49.158	31.9	8.91		0.9	1.583	95.6
64	1/31/2009 6:16	9.47	48.935	31.74	8.95		1	1.489	96
65	1/31/2009 6:31	9.48	48.714	31.58	9		0.9	1.395	96.5
66	1/31/2009 6:46	9.48	48.529	31.45	9.03		0.7	1.318	96.7
67	1/31/2009 7:01	9.48	48.332	31.3	9.09		1	1.225	97.3
68	1/31/2009 7:16	9.48	48.207	31.21	9.07		0.9	1.125	97
69	1/31/2009 7:31	9.48	48.126	31.16	9.03		0.9	1.039	96.5
70	1/31/2009 7:46	9.48	48.096	31.13	9		1	0.972	96.2
71	1/31/2009 8:01	9.48	48.075	31.12	8.98		1.1	0.903	95.9
72	1/31/2009 8:16	9.47	48.061	31.11	8.95		1.3	0.845	95.6
73	1/31/2009 8:31	9.47	48.045	31.1	8.92		1.4	0.806	95.3
74	1/31/2009 8:46	9.47	48.041	31.09	8.89		1.5	0.794	95
75	1/31/2009 9:01	9.47	48.038	31.09	8.87		1.5	0.79	94.7
76	1/31/2009 9:16	9.47	48.038	31.09	8.85		1.4	0.793	94.5
77	1/31/2009 9:31	9.47	48.048	31.1	8.79		1.2	0.835	93.9
78	1/31/2009 9:46	9.47	48.072	31.12	8.33		0.5	0.88	89
79	1/31/2009 10:01	9.47	48.392	31.35	8.44		0.7	0.931	90.4
80	1/31/2009 10:16	9.48	48.518	31.44	9.16		1.2	0.993	98
81	1/31/2009 10:31	9.46	48.504	31.43	9.14		1.2	1.054	97.8
82	1/31/2009 10:46	9.44	48.449	31.39	9.13		1.3	1.128	97.6
83	1/31/2009 11:01	9.42	48.397	31.35	9.1		1.1	1.185	97.3
84	1/31/2009 11:16	9.42	48.382	31.33	9.08		1.1	1.24	97
85	1/31/2009 11:31	9.43	48.38	31.33	9.09		1.1	1.308	97.1
86	1/31/2009 11:46	9.47	48.494	31.42	9.13		1.1	1.365	97.7
87	1/31/2009 12:01	9.49	48.638	31.52	9.08		0.9	1.424	97.3
88	1/31/2009 12:16	9.51	48.761	31.61	9.06		1.1	1.48	97.1
89	1/31/2009 12:31	9.52	49.008	31.79	8.99		0.9	1.535	96.6
90	1/31/2009 12:46	9.55	49.202	31.93	8.96		1	1.596	96.4
91	1/31/2009 13:01	9.59	49.239	31.96	8.97		0.9	1.642	96.6
92	1/31/2009 13:16	9.62	49.287	32	9.01		0.7	1.699	97.1
93	1/31/2009 13:31	9.63	49.392	32.08	9		0.8	1.751	97
94	1/31/2009 13:46	9.62	49.452	32.12	8.98		0.6	1.79	96.8
95	1/31/2009 14:01	9.62	49.502	32.16	8.95		0.7	1.835	96.5
96	1/31/2009 14:16	9.63	49.557	32.2	8.87		0.6	1.873	95.8
97	1/31/2009 14:31	9.63	49.589	32.22	8.84		0.7	1.901	95.5

sonde #1			Indian Island Long-Term Deployment Water Quality Data					TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
98	1/31/2009 14:46	9.63	49.652	32.26	8.77		0.5	1.934	94.7
99	1/31/2009 15:01	9.64	49.679	32.28	8.72		0.5	1.943	94.2
100	1/31/2009 15:16	9.64	49.669	32.28	8.69		0.5	1.929	93.9
101	1/31/2009 15:31	9.64	49.675	32.28	8.65		0.5	1.933	93.5
102	1/31/2009 15:46	9.64	49.624	32.25	8.5		0.4	1.898	91.8
103	1/31/2009 16:01	9.64	49.548	32.19	8.44		0.3	1.846	91.2
104	1/31/2009 16:16	9.66	49.476	32.14	8.38		0.4	1.803	90.4
105	1/31/2009 16:31	9.75	49.402	32.09	8.36		0.9	1.727	90.5
106	1/31/2009 16:46	9.92	49.279	32.02	8.39		1	1.652	91
107	1/31/2009 17:01	10	49.139	31.92	8.34		0.8	1.572	90.6
108	1/31/2009 17:16	9.99	48.907	31.75	8.33		0.9	1.501	90.4
109	1/31/2009 17:31	9.95	48.665	31.57	8.4		0.9	1.42	91
110	1/31/2009 17:46	9.94	48.478	31.44	8.41		0.9	1.327	91
111	1/31/2009 18:01	9.95	48.366	31.36	8.42		1	1.248	91
112	1/31/2009 18:16	9.94	48.338	31.34	8.34		0.9	1.15	90.2
113	1/31/2009 18:31	9.93	48.319	31.32	8.34		0.7	1.07	90.1
114	1/31/2009 18:46	9.92	48.287	31.3	8.37		0.7	0.99	90.4
115	1/31/2009 19:01	9.91	48.249	31.27	8.29		0.8	0.925	89.6
116	1/31/2009 19:16	9.91	48.107	31.17	8.1		1.2	0.848	87.4
117	1/31/2009 19:31	9.91	48.033	31.12	8.04		1.4	0.785	86.7
118	1/31/2009 19:46	9.93	47.997	31.09	7.99		1.7	0.728	86.3
119	1/31/2009 20:01	9.93	47.949	31.06	7.89		2.1	0.684	85.2
120	1/31/2009 20:16	9.93	47.94	31.05	7.8		2.3	0.676	84.2
121	1/31/2009 20:31	9.93	47.927	31.04	7.76		2.6	0.665	83.7
122	1/31/2009 20:46	9.92	47.915	31.03	7.72		2.6	0.654	83.3
123	1/31/2009 21:01	9.91	47.927	31.04	7.72		2.4	0.675	83.2
124	1/31/2009 21:16	9.9	47.956	31.06	7.62		1.6	0.71	82.2
125	1/31/2009 21:31	9.89	48.013	31.1	6.7		0.2	0.766	72.2
126	1/31/2009 21:46	9.87	48.086	31.15	6.69		0.2	0.807	72.2
127	1/31/2009 22:01	9.84	48.476	31.43	9.35		0.9	0.878	100.9
128	1/31/2009 22:16	9.84	48.465	31.42	9.62		0.8	0.948	103.9
129	1/31/2009 22:31	9.84	48.418	31.39	9.65		0.9	1.022	104.1
130	1/31/2009 22:46	9.85	48.365	31.35	9.62		1	1.096	103.8
131	1/31/2009 23:01	9.85	48.334	31.33	9.56		1.2	1.171	103.2
132	1/31/2009 23:16	9.83	48.341	31.33	9.59		1.1	1.254	103.4
133	1/31/2009 23:31	9.78	48.407	31.38	9.66		1.2	1.337	104.1
134	1/31/2009 23:46	9.78	48.559	31.49	9.61		1.1	1.409	103.6
135	2/1/2009 0:01	9.8	48.997	31.8	9.42		0.9	1.497	101.9
136	2/1/2009 0:16	9.76	49.158	31.92	9.32		0.9	1.579	100.8
137	2/1/2009 0:31	9.74	49.277	32	9.28		0.9	1.66	100.3
138	2/1/2009 0:46	9.73	49.343	32.05	9.25		0.9	1.738	100
139	2/1/2009 1:01	9.72	49.451	32.13	9.19		1	1.809	99.3
140	2/1/2009 1:16	9.66	49.62	32.24	9.06		1	1.895	97.9
141	2/1/2009 1:31	9.6	49.75	32.33	8.96		1	1.976	96.8
142	2/1/2009 1:46	9.55	49.883	32.43	8.9		1	2.043	96
143	2/1/2009 2:01	9.49	50.063	32.55	8.78		1.3	2.124	94.7
144	2/1/2009 2:16	9.45	50.193	32.64	8.74		1.2	2.204	94.2
145	2/1/2009 2:31	9.43	50.264	32.69	8.67		1	2.267	93.5
146	2/1/2009 2:46	9.42	50.393	32.78	8.59		1.1	2.326	92.6

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc	Turbidity+	Depthn		
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
147	2/1/2009 3:01	9.4	50.538	32.89	8.53		0.9	2.371	92
148	2/1/2009 3:16	9.38	50.692	33	8.43		0.7	2.418	90.9
149	2/1/2009 3:31	9.37	50.759	33.05	8.39		0.8	2.45	90.6
150	2/1/2009 3:46	9.37	50.751	33.04	8.35		0.7	2.435	90.1
151	2/1/2009 4:01	9.37	50.733	33.03	8.31		0.7	2.429	89.7
152	2/1/2009 4:16	9.38	50.696	33	8.27		0.5	2.406	89.2
153	2/1/2009 4:31	9.37	50.475	32.84	8.11		0.5	2.345	87.4
154	2/1/2009 4:46	9.33	50.301	32.71	8.16		0.7	2.27	87.8
155	2/1/2009 5:01	9.31	50.165	32.61	8.2		0.7	2.204	88.1
156	2/1/2009 5:16	9.32	50.09	32.56	8.18		0.5	2.119	88
157	2/1/2009 5:31	9.35	49.907	32.43	8.28		0.5	2.027	89
158	2/1/2009 5:46	9.37	49.743	32.31	8.39		0.6	1.94	90.1
159	2/1/2009 6:01	9.37	49.591	32.2	8.46		0.5	1.84	90.8
160	2/1/2009 6:16	9.37	49.461	32.11	8.56		0.4	1.751	91.9
161	2/1/2009 6:31	9.37	49.363	32.04	8.58		0.4	1.669	92
162	2/1/2009 6:46	9.38	49.229	31.94	8.62		0.4	1.572	92.4
163	2/1/2009 7:01	9.38	48.975	31.76	8.69		0.5	1.469	93.1
164	2/1/2009 7:16	9.38	48.708	31.57	8.78		0.5	1.393	93.9
165	2/1/2009 7:31	9.38	48.492	31.41	8.8		0.5	1.295	94
166	2/1/2009 7:46	9.38	48.426	31.36	8.78		0.6	1.201	93.8
167	2/1/2009 8:01	9.38	48.41	31.35	8.77		0.6	1.11	93.7
168	2/1/2009 8:16	9.37	48.376	31.33	8.73		0.6	1.017	93.2
169	2/1/2009 8:31	9.37	48.342	31.3	8.64		0.6	0.935	92.2
170	2/1/2009 8:46	9.37	48.299	31.27	8.43		0.7	0.868	90
171	2/1/2009 9:01	9.36	48.145	31.16	7.59		1.2	0.792	80.9
172	2/1/2009 9:16	9.36	48.108	31.13	7.46		1.3	0.768	79.6
173	2/1/2009 9:31	9.35	48.054	31.09	7.31		1.6	0.722	77.9
174	2/1/2009 9:46	9.35	48.036	31.08	7.3		1.7	0.711	77.8
175	2/1/2009 10:01	9.34	48.045	31.09	7.32		1.9	0.72	77.9
176	2/1/2009 10:16	9.34	48.054	31.09	7.26		1.7	0.72	77.3
177	2/1/2009 10:31	9.34	48.09	31.12	7.11		1.3	0.764	75.7
178	2/1/2009 10:46	9.35	48.178	31.18	6.88		0.6	0.803	73.4
179	2/1/2009 11:01	9.39	48.406	31.35	7.59		0.7	0.849	81.1
180	2/1/2009 11:16	9.43	48.54	31.45	8.78		0.7	0.894	93.9
181	2/1/2009 11:31	9.44	48.532	31.44	9.02		1	0.962	96.5
182	2/1/2009 11:46	9.44	48.516	31.43	9.02		1	1.019	96.5
183	2/1/2009 12:01	9.43	48.494	31.42	9		0.9	1.065	96.3
184	2/1/2009 12:16	9.42	48.471	31.4	9		1	1.135	96.2
185	2/1/2009 12:31	9.41	48.477	31.4	8.94		1	1.188	95.6
186	2/1/2009 12:46	9.4	48.495	31.42	8.93		0.9	1.231	95.5
187	2/1/2009 13:01	9.43	48.508	31.43	9		0.9	1.283	96.2
188	2/1/2009 13:16	9.45	48.716	31.58	8.98		0.8	1.352	96.2
189	2/1/2009 13:31	9.46	48.839	31.67	8.88		0.7	1.39	95.2
190	2/1/2009 13:46	9.47	48.943	31.74	8.88		0.6	1.432	95.3
191	2/1/2009 14:01	9.49	49.101	31.86	8.84		0.7	1.491	95
192	2/1/2009 14:16	9.54	49.283	31.99	8.8		0.8	1.543	94.7
193	2/1/2009 14:31	9.57	49.351	32.04	8.82		0.7	1.593	95
194	2/1/2009 14:46	9.6	49.379	32.06	8.79		0.6	1.631	94.7
195	2/1/2009 15:01	9.61	49.394	32.08	8.76		0.5	1.66	94.4

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
196	2/1/2009 15:16	9.62	49.435	32.11	8.69		0.5	1.705	93.7
197	2/1/2009 15:31	9.61	49.466	32.13	8.64		0.4	1.719	93.2
198	2/1/2009 15:46	9.61	49.507	32.16	8.58		0.4	1.758	92.5
199	2/1/2009 16:01	9.61	49.516	32.16	8.56		0.4	1.756	92.4
200	2/1/2009 16:16	9.62	49.523	32.17	8.49		0.3	1.774	91.7
201	2/1/2009 16:31	9.62	49.516	32.17	8.5		0.3	1.75	91.7
202	2/1/2009 16:46	9.63	49.5	32.15	8.4		0.3	1.734	90.6
203	2/1/2009 17:01	9.63	49.463	32.13	8.27		0.3	1.691	89.2
204	2/1/2009 17:16	9.65	49.405	32.09	8.14		0.2	1.645	87.8
205	2/1/2009 17:31	9.71	49.376	32.07	8		0.4	1.599	86.5
206	2/1/2009 17:46	9.82	49.256	31.99	7.91		0.7	1.527	85.7
207	2/1/2009 18:01	9.93	49.03	31.84	8.02		0.7	1.46	86.9
208	2/1/2009 18:16	10.03	48.866	31.72	8.13		0.8	1.397	88.2
209	2/1/2009 18:31	10.1	48.697	31.61	8.1		0.9	1.34	88
210	2/1/2009 18:46	10.15	48.482	31.46	8.15		1.3	1.273	88.6
211	2/1/2009 19:01	10.18	48.426	31.42	8.17		1	1.202	88.8
212	2/1/2009 19:16	10.21	48.414	31.41	8.16		0.9	1.141	88.8
213	2/1/2009 19:31	10.18	48.405	31.4	8.14		1	1.054	88.5
214	2/1/2009 19:46	10.16	48.415	31.41	8.12		1	1.022	88.2
215	2/1/2009 20:01	10.13	48.417	31.41	8.07		0.9	0.975	87.6
216	2/1/2009 20:16	10.1	48.418	31.41	8.08		1	0.921	87.7
217	2/1/2009 20:31	10.08	48.418	31.4	8.03		1	0.918	87.2
218	2/1/2009 20:46	10.07	48.408	31.4	7.95		1	0.875	86.2
219	2/1/2009 21:01	10.06	48.399	31.39	7.89		1	0.871	85.6
220	2/1/2009 21:16	10.05	48.402	31.39	7.85		0.9	0.875	85
221	2/1/2009 21:31	10.05	48.405	31.39	7.79		0.9	0.896	84.4
222	2/1/2009 21:46	10.03	48.414	31.4	7.48		0.7	0.922	81
223	2/1/2009 22:01	10.01	48.423	31.4	6.83		0.4	0.947	74
224	2/1/2009 22:16	9.96	48.463	31.43	5.94		0.1	0.997	64.2
225	2/1/2009 22:31	9.86	48.581	31.51	6.84		0.4	1.051	73.9
226	2/1/2009 22:46	9.75	48.711	31.59	8.78		0.7	1.095	94.7
227	2/1/2009 23:01	9.73	48.686	31.57	9.34		0.8	1.158	100.7
228	2/1/2009 23:16	9.75	48.669	31.56	9.38		1.1	1.243	101.1
229	2/1/2009 23:31	9.75	48.647	31.55	9.3		0.9	1.302	100.2
230	2/1/2009 23:46	9.77	48.633	31.54	9.23		0.8	1.359	99.6
231	2/2/2009 0:01	9.84	48.886	31.73	9.37		0.8	1.441	101.3
232	2/2/2009 0:16	9.83	49.013	31.82	9.37		0.7	1.513	101.3
233	2/2/2009 0:31	9.79	49.127	31.9	9.2		0.7	1.57	99.4
234	2/2/2009 0:46	9.72	49.389	32.08	9.01		0.7	1.645	97.4
235	2/2/2009 1:01	9.67	49.507	32.16	8.99		0.8	1.726	97.2
236	2/2/2009 1:16	9.63	49.592	32.22	8.87		0.8	1.791	95.8
237	2/2/2009 1:31	9.61	49.682	32.28	8.83		0.7	1.87	95.3
238	2/2/2009 1:46	9.55	49.855	32.41	8.78		0.8	1.948	94.7
239	2/2/2009 2:01	9.5	50.006	32.51	8.69		1	2.024	93.7
240	2/2/2009 2:16	9.47	50.049	32.54	8.61		1	2.095	92.9
241	2/2/2009 2:31	9.44	50.159	32.62	8.51		1.2	2.167	91.7
242	2/2/2009 2:46	9.4	50.279	32.7	8.62		1	2.251	92.9
243	2/2/2009 3:01	9.39	50.344	32.75	8.61		1	2.305	92.7
244	2/2/2009 3:16	9.37	50.485	32.85	8.54		0.9	2.371	92.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
245	2/2/2009 3:31	9.35	50.616	32.94	8.54		1	2.425	92.1
246	2/2/2009 3:46	9.34	50.676	32.98	8.46		0.9	2.456	91.2
247	2/2/2009 4:01	9.32	50.736	33.03	8.41		0.8	2.495	90.6
248	2/2/2009 4:16	9.32	50.757	33.04	8.24		0.6	2.503	88.9
249	2/2/2009 4:31	9.32	50.739	33.03	8.26		0.6	2.484	89.1
250	2/2/2009 4:46	9.32	50.71	33.01	8.21		0.6	2.461	88.5
251	2/2/2009 5:01	9.32	50.642	32.96	8.13		0.4	2.43	87.6
252	2/2/2009 5:16	9.28	50.497	32.85	8.04		0.9	2.365	86.5
253	2/2/2009 5:31	9.27	50.382	32.77	7.98		0.6	2.297	85.8
254	2/2/2009 5:46	9.26	50.304	32.71	7.98		0.6	2.225	85.7
255	2/2/2009 6:01	9.26	50.204	32.64	8		0.7	2.142	85.9
256	2/2/2009 6:16	9.29	50.065	32.54	8.04		0.5	2.051	86.3
257	2/2/2009 6:31	9.29	49.968	32.47	8.09		0.5	1.969	86.9
258	2/2/2009 6:46	9.29	49.829	32.37	8.14		0.6	1.887	87.3
259	2/2/2009 7:01	9.28	49.689	32.27	8.2		0.4	1.794	87.9
260	2/2/2009 7:16	9.27	49.57	32.18	8.21		0.3	1.705	88
261	2/2/2009 7:31	9.27	49.43	32.08	8.32		0.4	1.611	89
262	2/2/2009 7:46	9.27	49.213	31.92	8.44		0.4	1.526	90.2
263	2/2/2009 8:01	9.26	49.007	31.77	8.43		0.4	1.428	90
264	2/2/2009 8:16	9.26	48.823	31.64	8.4		0.5	1.33	89.6
265	2/2/2009 8:31	9.23	48.79	31.62	8.35		0.5	1.241	89.1
266	2/2/2009 8:46	9.21	48.727	31.57	8.29		0.5	1.149	88.3
267	2/2/2009 9:01	9.21	48.651	31.51	7.74		0.5	1.044	82.4
268	2/2/2009 9:16	9.21	48.573	31.46	7.15		0.5	0.962	76.1
269	2/2/2009 9:31	9.22	48.495	31.4	6.91		0.9	0.881	73.5
270	2/2/2009 9:46	9.24	48.389	31.33	6.84		1.3	0.811	72.8
271	2/2/2009 10:01	9.25	48.27	31.24	6.8		1.9	0.755	72.3
272	2/2/2009 10:16	9.26	48.091	31.12	6.99		2.7	0.673	74.3
273	2/2/2009 10:31	9.27	48.077	31.11	7.1		2.7	0.676	75.5
274	2/2/2009 10:46	9.29	48.034	31.08	7.27		2.8	0.651	77.3
275	2/2/2009 11:01	9.31	48.051	31.09	7.04		2.6	0.634	75
276	2/2/2009 11:16	9.32	48.062	31.1	7.06		2.6	0.644	75.2
277	2/2/2009 11:31	9.34	48.086	31.12	6.9		2.1	0.686	73.6
278	2/2/2009 11:46	9.37	48.162	31.17	6.45		1	0.722	68.8
279	2/2/2009 12:01	9.43	48.463	31.39	7.3		0.5	0.753	78.1
280	2/2/2009 12:16	9.5	48.619	31.51	8.38		0.6	0.821	89.8
281	2/2/2009 12:31	9.52	48.629	31.52	8.83		0.7	0.859	94.7
282	2/2/2009 12:46	9.51	48.638	31.53	8.85		0.7	0.914	94.9
283	2/2/2009 13:01	9.47	48.665	31.54	8.89		0.7	0.962	95.2
284	2/2/2009 13:16	9.43	48.672	31.54	8.92		0.9	1.008	95.5
285	2/2/2009 13:31	9.38	48.66	31.53	8.86		0.7	1.067	94.7
286	2/2/2009 13:46	9.37	48.634	31.51	8.79		0.7	1.109	93.9
287	2/2/2009 14:01	9.36	48.621	31.5	8.72		0.6	1.15	93.2
288	2/2/2009 14:16	9.33	48.643	31.52	8.62		0.6	1.207	92
289	2/2/2009 14:31	9.38	48.713	31.57	8.65		0.5	1.252	92.5
290	2/2/2009 14:46	9.46	48.689	31.56	8.64		0.6	1.3	92.6
291	2/2/2009 15:01	9.55	48.739	31.6	8.72		0.7	1.351	93.6
292	2/2/2009 15:16	9.55	48.888	31.71	8.77		0.5	1.391	94.2
293	2/2/2009 15:31	9.55	49.05	31.82	8.74		0.6	1.445	94

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc	Turbidity+	Depthn		
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
294	2/2/2009 15:46	9.58	49.117	31.88	8.72		0.5	1.482	93.8
295	2/2/2009 16:01	9.59	49.269	31.99	8.64		0.5	1.527	93.1
296	2/2/2009 16:16	9.59	49.371	32.06	8.64		0.4	1.571	93
297	2/2/2009 16:31	9.58	49.431	32.1	8.54		0.5	1.594	92
298	2/2/2009 16:46	9.59	49.485	32.14	8.51		0.4	1.63	91.8
299	2/2/2009 17:01	9.59	49.507	32.16	8.49		0.4	1.649	91.5
300	2/2/2009 17:16	9.58	49.52	32.17	8.43		0.3	1.666	90.9
301	2/2/2009 17:31	9.58	49.527	32.17	8.37		0.3	1.673	90.2
302	2/2/2009 17:46	9.58	49.528	32.17	8.35		0.2	1.666	90
303	2/2/2009 18:01	9.58	49.521	32.17	8.28		0.3	1.65	89.3
304	2/2/2009 18:16	9.58	49.47	32.13	8.06		0.2	1.613	86.9
305	2/2/2009 18:31	9.59	49.409	32.09	8.04		0.1	1.583	86.7
306	2/2/2009 18:46	9.62	49.327	32.03	8.02		0.1	1.54	86.5
307	2/2/2009 19:01	9.68	49.195	31.94	7.89		0.7	1.481	85.1
308	2/2/2009 19:16	9.72	49.057	31.84	7.91		0.8	1.432	85.4
309	2/2/2009 19:31	9.79	48.922	31.75	7.93		0.9	1.387	85.7
310	2/2/2009 19:46	9.85	48.824	31.68	7.95		0.8	1.339	85.9
311	2/2/2009 20:01	9.92	48.726	31.62	7.96		0.7	1.283	86.2
312	2/2/2009 20:16	9.97	48.677	31.58	7.9		0.7	1.239	85.6
313	2/2/2009 20:31	10	48.657	31.57	7.88		0.8	1.215	85.4
314	2/2/2009 20:46	10.04	48.58	31.52	8		0.7	1.158	86.8
315	2/2/2009 21:01	10.05	48.573	31.51	8.02		0.7	1.15	87
316	2/2/2009 21:16	10.05	48.577	31.52	7.96		0.7	1.14	86.4
317	2/2/2009 21:31	10.05	48.574	31.52	7.92		0.7	1.123	85.9
318	2/2/2009 21:46	10.06	48.569	31.51	7.88		0.8	1.121	85.5
319	2/2/2009 22:01	10.07	48.569	31.51	7.86		0.8	1.127	85.3
320	2/2/2009 22:16	10.06	48.583	31.52	7.58		0.7	1.158	82.3
321	2/2/2009 22:31	10.04	48.599	31.53	7.33		0.6	1.166	79.5
322	2/2/2009 22:46	10.02	48.624	31.55	6.7		0.3	1.195	72.7
323	2/2/2009 23:01	9.96	48.708	31.61	5.84		0.1	1.229	63.3
324	2/2/2009 23:16	9.82	48.883	31.72	6.25		0.4	1.27	67.5
325	2/2/2009 23:31	9.77	48.941	31.76	8.01		0.3	1.308	86.5
326	2/2/2009 23:46	9.72	48.997	31.8	8.54		0.5	1.354	92.2
327	2/3/2009 0:01	9.67	49.022	31.81	8.81		0.5	1.404	95
328	2/3/2009 0:16	9.67	49.038	31.82	8.78		0.5	1.463	94.7
329	2/3/2009 0:31	9.63	49.157	31.91	8.84		0.6	1.521	95.3
330	2/3/2009 0:46	9.58	49.237	31.96	8.79		0.6	1.583	94.7
331	2/3/2009 1:01	9.54	49.328	32.02	8.79		0.7	1.646	94.6
332	2/3/2009 1:16	9.5	49.519	32.16	8.79		0.7	1.718	94.6
333	2/3/2009 1:31	9.49	49.651	32.25	8.68		0.6	1.776	93.5
334	2/3/2009 1:46	9.46	49.784	32.35	8.6		0.6	1.839	92.6
335	2/3/2009 2:01	9.43	49.927	32.45	8.58		0.7	1.911	92.4
336	2/3/2009 2:16	9.43	50.029	32.52	8.58		0.7	1.979	92.4
337	2/3/2009 2:31	9.43	50.134	32.6	8.56		0.9	2.051	92.3
338	2/3/2009 2:46	9.43	50.268	32.69	8.56		0.9	2.12	92.3
339	2/3/2009 3:01	9.43	50.376	32.77	8.53		0.9	2.192	92
340	2/3/2009 3:16	9.41	50.474	32.84	8.5		1	2.257	91.7
341	2/3/2009 3:31	9.37	50.55	32.89	8.48		1	2.324	91.4
342	2/3/2009 3:46	9.34	50.617	32.94	8.46		0.9	2.387	91.1

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc	Turbidity+	Depthn		
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
343	2/3/2009 4:01	9.32	50.718	33.01	8.4		0.8	2.436	90.5
344	2/3/2009 4:16	9.3	50.864	33.12	8.34		0.9	2.494	89.9
345	2/3/2009 4:31	9.29	50.934	33.17	8.29		0.9	2.539	89.4
346	2/3/2009 4:46	9.29	50.958	33.18	8.24		0.8	2.56	88.8
347	2/3/2009 5:01	9.29	50.972	33.19	8.17		0.7	2.577	88.1
348	2/3/2009 5:16	9.3	50.975	33.2	8.12		0.6	2.58	87.6
349	2/3/2009 5:31	9.3	50.968	33.19	8.06		0.6	2.567	86.9
350	2/3/2009 5:46	9.3	50.917	33.15	7.96		0.4	2.518	85.8
351	2/3/2009 6:01	9.3	50.786	33.06	7.86		0.4	2.467	84.8
352	2/3/2009 6:16	9.28	50.7	33	7.82		0.5	2.415	84.2
353	2/3/2009 6:31	9.26	50.6	32.92	7.8		0.6	2.333	83.9
354	2/3/2009 6:46	9.24	50.503	32.85	7.86		0.7	2.256	84.5
355	2/3/2009 7:01	9.23	50.419	32.79	7.88		0.7	2.172	84.7
356	2/3/2009 7:16	9.23	50.276	32.69	7.9		0.7	2.082	84.8
357	2/3/2009 7:31	9.23	50.164	32.6	7.92		0.7	2.002	84.9
358	2/3/2009 7:46	9.22	50.043	32.52	7.9		0.6	1.917	84.7
359	2/3/2009 8:01	9.2	49.844	32.37	7.95		0.5	1.815	85.1
360	2/3/2009 8:16	9.2	49.665	32.24	7.99		0.4	1.732	85.5
361	2/3/2009 8:31	9.19	49.491	32.12	8.05		0.4	1.647	86
362	2/3/2009 8:46	9.19	49.344	32.01	8.04		0.4	1.554	85.8
363	2/3/2009 9:01	9.19	49.197	31.9	7.99		0.4	1.454	85.3
364	2/3/2009 9:16	9.2	49.072	31.82	7.76		0.4	1.35	82.8
365	2/3/2009 9:31	9.21	48.952	31.73	7.41		0.4	1.257	79
366	2/3/2009 9:46	9.23	48.836	31.65	7.17		0.6	1.154	76.4
367	2/3/2009 10:01	9.25	48.702	31.55	7.16		0.8	1.051	76.3
368	2/3/2009 10:16	9.3	48.678	31.54	7.28		1.4	0.945	77.6
369	2/3/2009 10:31	9.32	48.653	31.52	7.29		1.1	0.87	77.8
370	2/3/2009 10:46	9.36	48.537	31.44	7.29		1.2	0.775	77.9
371	2/3/2009 11:01	9.4	48.393	31.34	7.28		1.6	0.68	77.7
372	2/3/2009 11:16	9.44	48.309	31.28	7.24		1.9	0.636	77.4
373	2/3/2009 11:31	9.48	48.245	31.24	7.23		2.2	0.588	77.3
374	2/3/2009 11:46	9.53	48.163	31.19	7.22		2.3	0.539	77.3
375	2/3/2009 12:01	9.57	48.159	31.19	7.21		2.3	0.533	77.3
376	2/3/2009 12:16	9.61	48.149	31.18	7.21		2.3	0.521	77.3
377	2/3/2009 12:31	9.69	48.23	31.24	6.7		2.1	0.554	71.9
378	2/3/2009 12:46	9.7	48.229	31.24	6.7		1.6	0.579	72
379	2/3/2009 13:01	9.72	48.236	31.25	6.65		1.3	0.601	71.5
380	2/3/2009 13:16	9.77	48.368	31.35	6.53		0.6	0.649	70.3
381	2/3/2009 13:31	9.78	48.709	31.6	8.5		0.6	0.699	91.7
382	2/3/2009 13:46	9.78	48.744	31.62	8.84		0.7	0.744	95.4
383	2/3/2009 14:01	9.79	48.744	31.62	8.98		0.7	0.794	97
384	2/3/2009 14:16	9.78	48.714	31.6	8.95		0.7	0.848	96.5
385	2/3/2009 14:31	9.75	48.684	31.58	8.95		0.7	0.891	96.5
386	2/3/2009 14:46	9.68	48.654	31.55	8.94		0.9	0.94	96.2
387	2/3/2009 15:01	9.67	48.597	31.51	8.86		0.7	0.984	95.3
388	2/3/2009 15:16	9.65	48.592	31.5	8.85		0.7	1.031	95.1
389	2/3/2009 15:31	9.61	48.606	31.51	8.83		0.7	1.1	94.8
390	2/3/2009 15:46	9.6	48.644	31.54	8.76		0.7	1.138	94
391	2/3/2009 16:01	9.59	48.714	31.59	8.94		0.8	1.197	96.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
392	2/3/2009 16:16	9.56	48.865	31.69	8.95		0.7	1.266	96.1
393	2/3/2009 16:31	9.53	48.964	31.76	8.84		0.5	1.314	94.9
394	2/3/2009 16:46	9.51	49.098	31.86	8.73		0.5	1.365	93.8
395	2/3/2009 17:01	9.53	49.271	31.98	8.63		0.6	1.418	92.9
396	2/3/2009 17:16	9.54	49.372	32.06	8.66		0.5	1.477	93.2
397	2/3/2009 17:31	9.53	49.463	32.12	8.56		0.4	1.509	92.2
398	2/3/2009 17:46	9.53	49.548	32.18	8.54		0.4	1.553	92
399	2/3/2009 18:01	9.51	49.608	32.22	8.46		0.4	1.585	91.1
400	2/3/2009 18:16	9.5	49.645	32.25	8.4		0.3	1.619	90.5
401	2/3/2009 18:31	9.48	49.671	32.27	8.22		0.2	1.64	88.5
402	2/3/2009 18:46	9.48	49.679	32.27	8.17		0.2	1.654	87.9
403	2/3/2009 19:01	9.48	49.684	32.28	7.94		0.2	1.676	85.4
404	2/3/2009 19:16	9.48	49.688	32.28	7.97		0.2	1.67	85.8
405	2/3/2009 19:31	9.48	49.686	32.28	7.98		0.2	1.663	85.9
406	2/3/2009 19:46	9.48	49.679	32.27	7.99		0.1	1.648	86
407	2/3/2009 20:01	9.48	49.656	32.26	7.93		0.2	1.629	85.3
408	2/3/2009 20:16	9.48	49.605	32.22	7.9		0.2	1.591	85
409	2/3/2009 20:31	9.48	49.547	32.18	7.98		0.2	1.557	85.9
410	2/3/2009 20:46	9.49	49.494	32.14	7.9		0.4	1.523	85
411	2/3/2009 21:01	9.52	49.416	32.09	7.9		0.6	1.487	85
412	2/3/2009 21:16	9.56	49.346	32.04	7.9		0.6	1.449	85
413	2/3/2009 21:31	9.6	49.272	31.99	7.79		0.7	1.418	83.9
414	2/3/2009 21:46	9.65	49.158	31.91	7.88		0.9	1.381	85
415	2/3/2009 22:01	9.66	49.099	31.87	7.9		0.7	1.361	85.2
416	2/3/2009 22:16	9.68	49.038	31.83	7.95		0.9	1.34	85.7
417	2/3/2009 22:31	9.7	48.97	31.78	7.92		0.9	1.32	85.4
418	2/3/2009 22:46	9.71	48.981	31.79	7.87		0.9	1.325	84.9
419	2/3/2009 23:01	9.72	48.978	31.79	7.83		0.9	1.321	84.5
420	2/3/2009 23:16	9.73	48.99	31.79	7.79		0.9	1.33	84.1
421	2/3/2009 23:31	9.73	49.02	31.82	7.57		0.7	1.349	81.7
422	2/3/2009 23:46	9.72	49.08	31.86	7.23		0.4	1.373	78
423	2/4/2009 0:01	9.69	49.163	31.92	7.71		0.4	1.41	83.2
424	2/4/2009 0:16	9.66	49.194	31.94	7.7		0.2	1.44	83.1
425	2/4/2009 0:31	9.62	49.24	31.97	7.68		0.3	1.494	82.8
426	2/4/2009 0:46	9.57	49.316	32.02	8.45		0.5	1.531	91
427	2/4/2009 1:01	9.53	49.317	32.02	8.59		0.4	1.573	92.4
428	2/4/2009 1:16	9.5	49.331	32.02	8.46		0.4	1.628	91
429	2/4/2009 1:31	9.45	49.424	32.09	8.46		0.5	1.684	90.9
430	2/4/2009 1:46	9.42	49.488	32.13	8.52		0.5	1.732	91.5
431	2/4/2009 2:01	9.4	49.58	32.2	8.51		0.5	1.785	91.4
432	2/4/2009 2:16	9.41	49.808	32.36	8.42		0.4	1.849	90.6
433	2/4/2009 2:31	9.43	50.038	32.53	8.31		0.5	1.906	89.5
434	2/4/2009 2:46	9.44	50.129	32.59	8.35		0.6	1.959	90
435	2/4/2009 3:01	9.43	50.234	32.67	8.34		0.6	2.027	89.9
436	2/4/2009 3:16	9.44	50.315	32.73	8.32		0.7	2.093	89.8
437	2/4/2009 3:31	9.44	50.413	32.8	8.27		0.6	2.157	89.2
438	2/4/2009 3:46	9.43	50.568	32.91	8.25		0.7	2.233	89
439	2/4/2009 4:01	9.41	50.65	32.97	8.21		0.7	2.292	88.6
440	2/4/2009 4:16	9.38	50.739	33.03	8.19		0.7	2.352	88.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
441	2/4/2009 4:31	9.35	50.816	33.08	8.16		0.9	2.418	88
442	2/4/2009 4:46	9.32	50.907	33.15	8.13		0.8	2.481	87.7
443	2/4/2009 5:01	9.31	50.946	33.18	8.08		0.7	2.521	87.2
444	2/4/2009 5:16	9.29	51.012	33.22	8.06		0.7	2.576	86.9
445	2/4/2009 5:31	9.29	51.045	33.25	7.97		0.7	2.616	86
446	2/4/2009 5:46	9.29	51.064	33.26	7.94		0.6	2.633	85.7
447	2/4/2009 6:01	9.29	51.064	33.26	7.91		0.6	2.645	85.4
448	2/4/2009 6:16	9.29	51.055	33.25	7.79		0.4	2.646	84.1
449	2/4/2009 6:31	9.29	51.046	33.25	7.74		0.4	2.629	83.5
450	2/4/2009 6:46	9.3	51.013	33.22	7.58		0.3	2.58	81.8
451	2/4/2009 7:01	9.3	50.961	33.19	7.66		0.3	2.541	82.6
452	2/4/2009 7:16	9.28	50.904	33.14	7.56		0.5	2.487	81.5
453	2/4/2009 7:31	9.27	50.815	33.08	7.54		0.5	2.405	81.2
454	2/4/2009 7:46	9.26	50.729	33.02	7.61		0.5	2.342	82
455	2/4/2009 8:01	9.25	50.629	32.94	7.61		0.7	2.257	81.9
456	2/4/2009 8:16	9.23	50.51	32.85	7.64		0.5	2.174	82.1
457	2/4/2009 8:31	9.22	50.388	32.77	7.65		0.5	2.093	82.2
458	2/4/2009 8:46	9.21	50.266	32.68	7.7		0.5	1.999	82.6
459	2/4/2009 9:01	9.21	50.063	32.53	7.72		0.4	1.899	82.7
460	2/4/2009 9:16	9.22	49.75	32.3	7.75		0.4	1.807	83
461	2/4/2009 9:31	9.23	49.545	32.16	7.75		0.4	1.709	82.9
462	2/4/2009 9:46	9.25	49.392	32.05	7.72		0.4	1.607	82.6
463	2/4/2009 10:01	9.26	49.294	31.98	7.53		0.4	1.496	80.5
464	2/4/2009 10:16	9.27	49.2	31.91	7.33		0.5	1.397	78.4
465	2/4/2009 10:31	9.29	48.98	31.76	7.33		0.9	1.28	78.3
466	2/4/2009 10:46	9.3	48.802	31.63	7.51		1.2	1.175	80.2
467	2/4/2009 11:01	9.32	48.702	31.56	7.68		1	1.061	82
468	2/4/2009 11:16	9.34	48.675	31.54	7.75		0.9	0.959	82.8
469	2/4/2009 11:31	9.37	48.651	31.52	7.76		0.9	0.856	82.9
470	2/4/2009 11:46	9.4	48.62	31.5	7.72		0.9	0.759	82.6
471	2/4/2009 12:01	9.43	48.515	31.43	7.38		1	0.647	78.9
472	2/4/2009 12:16	9.46	48.355	31.32	7.1		1.4	0.569	75.9
473	2/4/2009 12:31	9.49	48.218	31.22	7.13		2	0.485	76.2
474	2/4/2009 12:46	9.51	48.151	31.18	7.38		2.4	0.438	79
475	2/4/2009 13:01	9.53	48.116	31.15	7.58		2.6	0.385	81.1
476	2/4/2009 13:16	9.55	48.121	31.16	7.59		2.6	0.381	81.2
477	2/4/2009 13:31	9.58	48.117	31.16	7.58		2.4	0.386	81.2
478	2/4/2009 13:46	9.6	48.119	31.16	7.52		2.4	0.4	80.6
479	2/4/2009 14:01	9.63	48.123	31.16	7.45		2.1	0.42	79.9
480	2/4/2009 14:16	9.67	48.205	31.23	6.57		0.7	0.478	70.5
481	2/4/2009 14:31	9.74	48.579	31.5	6.8		0.4	0.527	73.2
482	2/4/2009 14:46	9.76	48.726	31.61	7.44		0.4	0.551	80.3
483	2/4/2009 15:01	9.78	48.862	31.71	9.27		0.9	0.623	100
484	2/4/2009 15:16	9.77	48.866	31.71	9.32		0.9	0.687	100.6
485	2/4/2009 15:31	9.75	48.753	31.62	9.21		0.9	0.725	99.4
486	2/4/2009 15:46	9.72	48.682	31.57	9.16		0.9	0.788	98.6
487	2/4/2009 16:01	9.71	48.61	31.52	9.11		0.9	0.848	98.1
488	2/4/2009 16:16	9.68	48.635	31.53	8.99		0.9	0.915	96.8
489	2/4/2009 16:31	9.58	48.835	31.67	9.16		0.9	1.007	98.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
490	2/4/2009 16:46	9.53	48.96	31.76	9.02		0.8	1.067	96.9
491	2/4/2009 17:01	9.51	49.03	31.81	8.89		0.7	1.119	95.5
492	2/4/2009 17:16	9.49	49.156	31.9	8.81		0.8	1.199	94.6
493	2/4/2009 17:31	9.47	49.271	31.98	8.74		0.8	1.268	93.9
494	2/4/2009 17:46	9.48	49.308	32.01	8.69		0.9	1.327	93.4
495	2/4/2009 18:01	9.48	49.363	32.05	8.68		0.8	1.39	93.2
496	2/4/2009 18:16	9.47	49.46	32.11	8.6		0.8	1.442	92.5
497	2/4/2009 18:31	9.45	49.523	32.16	8.59		0.7	1.495	92.4
498	2/4/2009 18:46	9.42	49.642	32.24	8.42		0.7	1.554	90.5
499	2/4/2009 19:01	9.4	49.708	32.29	8.44		0.6	1.59	90.7
500	2/4/2009 19:16	9.39	49.729	32.3	8.39		0.5	1.637	90.2
501	2/4/2009 19:31	9.38	49.767	32.33	8.28		0.5	1.675	89
502	2/4/2009 19:46	9.38	49.827	32.37	8.23		0.4	1.713	88.5
503	2/4/2009 20:01	9.37	49.892	32.42	8.13		0.4	1.748	87.4
504	2/4/2009 20:16	9.37	49.91	32.43	8.08		0.4	1.766	86.9
505	2/4/2009 20:31	9.37	49.925	32.44	8.01		0.4	1.782	86.1
506	2/4/2009 20:46	9.37	49.937	32.45	7.93		0.2	1.802	85.2
507	2/4/2009 21:01	9.38	49.936	32.45	7.89		0.3	1.794	84.8
508	2/4/2009 21:16	9.38	49.933	32.45	7.84		0.3	1.783	84.3
509	2/4/2009 21:31	9.38	49.922	32.44	7.81		0.2	1.761	84
510	2/4/2009 21:46	9.38	49.904	32.43	7.76		0.2	1.748	83.4
511	2/4/2009 22:01	9.36	49.804	32.36	7.84		0.2	1.699	84.2
512	2/4/2009 22:16	9.36	49.746	32.31	7.8		0.4	1.673	83.8
513	2/4/2009 22:31	9.36	49.715	32.29	7.79		0.5	1.626	83.6
514	2/4/2009 22:46	9.38	49.689	32.27	7.67		0.6	1.592	82.4
515	2/4/2009 23:01	9.39	49.646	32.24	7.7		0.7	1.552	82.7
516	2/4/2009 23:16	9.4	49.596	32.21	7.77		0.9	1.52	83.5
517	2/4/2009 23:31	9.4	49.572	32.19	7.76		0.8	1.494	83.3
518	2/4/2009 23:46	9.39	49.51	32.14	7.8		0.9	1.453	83.7
519	2/5/2009 0:01	9.38	49.511	32.14	7.79		0.9	1.455	83.6
520	2/5/2009 0:16	9.38	49.507	32.14	7.81		0.9	1.439	83.9
521	2/5/2009 0:31	9.37	49.504	32.14	7.8		0.9	1.44	83.6
522	2/5/2009 0:46	9.36	49.515	32.15	7.74		0.6	1.463	83.1
523	2/5/2009 1:01	9.36	49.509	32.14	7.68		0.6	1.46	82.4
524	2/5/2009 1:16	9.35	49.514	32.14	7.55		0.5	1.492	81
525	2/5/2009 1:31	9.34	49.523	32.15	7.24		0.2	1.522	77.6
526	2/5/2009 1:46	9.32	49.555	32.17	7.34		0.4	1.558	78.7
527	2/5/2009 2:01	9.31	49.577	32.19	8.02		0.5	1.609	85.9
528	2/5/2009 2:16	9.28	49.599	32.2	8.25		0.6	1.656	88.3
529	2/5/2009 2:31	9.27	49.591	32.19	8.29		0.7	1.703	88.7
530	2/5/2009 2:46	9.29	49.588	32.19	8.27		0.7	1.751	88.6
531	2/5/2009 3:01	9.32	49.758	32.32	8.3		0.7	1.822	89
532	2/5/2009 3:16	9.3	49.909	32.43	8.3		0.6	1.886	89.1
533	2/5/2009 3:31	9.31	49.993	32.49	8.26		0.6	1.94	88.7
534	2/5/2009 3:46	9.31	50.229	32.66	8.3		0.7	2.004	89.2
535	2/5/2009 4:01	9.31	50.361	32.75	8.34		0.7	2.079	89.7
536	2/5/2009 4:16	9.32	50.504	32.86	8.32		0.8	2.139	89.6
537	2/5/2009 4:31	9.32	50.588	32.92	8.33		0.8	2.215	89.7
538	2/5/2009 4:46	9.31	50.623	32.94	8.32		0.8	2.274	89.6

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc	Turbidity+	Depthn		
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
539	2/5/2009 5:01	9.31	50.782	33.06	8.32		0.7	2.35	89.7
540	2/5/2009 5:16	9.29	50.91	33.15	8.33		0.7	2.414	89.8
541	2/5/2009 5:31	9.26	51.019	33.23	8.35		0.7	2.474	90
542	2/5/2009 5:46	9.24	51.081	33.27	8.31		0.7	2.531	89.6
543	2/5/2009 6:01	9.21	51.144	33.31	8.33		0.6	2.587	89.7
544	2/5/2009 6:16	9.18	51.193	33.35	8.3		0.5	2.647	89.4
545	2/5/2009 6:31	9.17	51.2	33.35	8.26		0.5	2.674	88.9
546	2/5/2009 6:46	9.16	51.21	33.36	8.21		0.4	2.703	88.3
547	2/5/2009 7:01	9.14	51.226	33.37	8.12		0.4	2.735	87.4
548	2/5/2009 7:16	9.12	51.111	33.28	7.97		0.5	2.743	85.7
549	2/5/2009 7:31	9.12	51.036	33.23	7.95		0.4	2.721	85.4
550	2/5/2009 7:46	9.12	50.992	33.19	7.83		0.4	2.716	84.1
551	2/5/2009 8:01	9.13	51	33.2	7.7		0.3	2.692	82.8
552	2/5/2009 8:16	9.13	51.003	33.2	7.68		0.3	2.619	82.6
553	2/5/2009 8:31	9.14	50.997	33.2	7.68		0.4	2.565	82.5
554	2/5/2009 8:46	9.15	50.985	33.19	7.68		0.4	2.485	82.6
555	2/5/2009 9:01	9.16	50.885	33.12	7.77		0.5	2.394	83.5
556	2/5/2009 9:16	9.15	50.75	33.02	7.79		0.6	2.314	83.7
557	2/5/2009 9:31	9.15	50.629	32.93	7.82		0.6	2.22	83.9
558	2/5/2009 9:46	9.16	50.436	32.8	7.75		0.6	2.093	83.1
559	2/5/2009 10:01	9.18	50.244	32.66	7.73		0.6	2.001	82.9
560	2/5/2009 10:16	9.2	49.991	32.48	7.7		0.6	1.902	82.5
561	2/5/2009 10:31	9.21	49.769	32.32	7.67		0.7	1.772	82.1
562	2/5/2009 10:46	9.23	49.661	32.24	7.55		0.7	1.656	80.8
563	2/5/2009 11:01	9.26	49.602	32.2	7.44		0.7	1.546	79.7
564	2/5/2009 11:16	9.29	49.518	32.14	7.39		0.9	1.427	79.1
565	2/5/2009 11:31	9.33	49.393	32.06	7.48		1	1.303	80.1
566	2/5/2009 11:46	9.38	49.259	31.96	7.71		1.1	1.178	82.6
567	2/5/2009 12:01	9.44	49.067	31.83	7.92		1	1.065	84.9
568	2/5/2009 12:16	9.47	48.897	31.71	8.04		0.8	0.932	86.2
569	2/5/2009 12:31	9.5	48.774	31.62	8.11		0.8	0.8	87
570	2/5/2009 12:46	9.55	48.716	31.58	8.1		0.8	0.682	86.9
571	2/5/2009 13:01	9.61	48.652	31.54	8.06		0.9	0.571	86.6
572	2/5/2009 13:16	9.63	48.52	31.45	7.88		0.9	0.45	84.7
573	2/5/2009 13:31	9.66	48.382	31.35	7.74		1.3	0.357	83.2
574	2/5/2009 13:46	9.68	48.314	31.3	7.71		1.2	0.307	82.8
575	2/5/2009 14:01	9.71	48.228	31.24	7.74		1.5	0.233	83.2
576	2/5/2009 14:16	9.74	48.207	31.23	7.74		1.8	0.192	83.2
577	2/5/2009 14:31	9.76	48.204	31.23	7.73		1.9	0.174	83.1
578	2/5/2009 14:46	9.78	48.204	31.23	7.71		1.8	0.196	82.9
579	2/5/2009 15:01	9.79	48.213	31.24	7.64		1.3	0.225	82.3
580	2/5/2009 15:16	9.81	48.246	31.26			1	0.255	80.2
581	2/5/2009 15:31	9.87	48.48	31.44			0.8	0.324	
582	2/5/2009 15:46	9.88	48.857	31.71	8.38		1.2	0.39	90.7
583	2/5/2009 16:01	9.86	48.786	31.66	8.94		1.6	0.458	96.7
584	2/5/2009 16:16	9.87	48.565	31.5	9.01		1.7	0.516	97.3
585	2/5/2009 16:31	9.89	48.351	31.34	9.02		1.6	0.586	97.4
586	2/5/2009 16:46	9.88	48.365	31.35	8.92		1.5	0.667	96.3
587	2/5/2009 17:01	9.83	48.456	31.42	9.22		1.6	0.743	99.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
588	2/5/2009 17:16	9.81	48.485	31.44	9.13		1.6	0.816	98.5
589	2/5/2009 17:31	9.79	48.562	31.49	9.13		1.5	0.902	98.5
590	2/5/2009 17:46	9.76	48.723	31.6	9.12		1.5	0.996	98.4
591	2/5/2009 18:01	9.73	48.885	31.72	9.09		1.3	1.068	98
592	2/5/2009 18:16	9.66	49.195	31.94	8.88		1.2	1.144	95.8
593	2/5/2009 18:31	9.61	49.403	32.08	8.76		1.2	1.238	94.5
594	2/5/2009 18:46	9.58	49.488	32.14	8.75		1.2	1.32	94.3
595	2/5/2009 19:01	9.56	49.547	32.18	8.68		1.1	1.388	93.6
596	2/5/2009 19:16	9.53	49.659	32.26	8.61		1.1	1.468	92.8
597	2/5/2009 19:31	9.51	49.75	32.33	8.54		1.1	1.537	92
598	2/5/2009 19:46	9.48	49.831	32.38	8.39		1	1.606	90.4
599	2/5/2009 20:01	9.47	49.872	32.41	8.46		1	1.672	91.1
600	2/5/2009 20:16	9.46	49.921	32.45	8.41		1	1.739	90.6
601	2/5/2009 20:31	9.45	50	32.5	8.4		0.8	1.798	90.5
602	2/5/2009 20:46	9.45	50.068	32.55	8.31		0.9	1.85	89.5
603	2/5/2009 21:01	9.43	50.133	32.6	8.32		0.9	1.909	89.7
604	2/5/2009 21:16	9.43	50.176	32.63	8.32		0.9	1.947	89.7
605	2/5/2009 21:31	9.43	50.219	32.66	8.27		0.7	1.982	89.1
606	2/5/2009 21:46	9.43	50.245	32.68	8.25		0.7	2.012	88.9
607	2/5/2009 22:01	9.43	50.253	32.68	8.19		0.6	2.017	88.3
608	2/5/2009 22:16	9.44	50.235	32.67	8.08		0.5	2.005	87.1
609	2/5/2009 22:31	9.44	50.194	32.64	7.92		0.5	1.989	85.4
610	2/5/2009 22:46	9.45	50.167	32.62	7.78		0.4	1.959	83.8
611	2/5/2009 23:01	9.45	50.13	32.6	7.81		0.5	1.906	84.2
612	2/5/2009 23:16	9.47	50.065	32.55	7.77		0.6	1.851	83.8
613	2/5/2009 23:31	9.47	50.023	32.52	7.75		0.7	1.811	83.5
614	2/5/2009 23:46	9.48	49.952	32.47	7.73		0.9	1.753	83.3
615	2/6/2009 0:01	9.48	49.899	32.43	7.8		1	1.699	84.1
616	2/6/2009 0:16	9.48	49.868	32.41	7.79		1.1	1.651	84
617	2/6/2009 0:31	9.47	49.84	32.39	7.8		1.1	1.62	84.1
618	2/6/2009 0:46	9.47	49.8	32.36	7.83		1.2	1.581	84.3
619	2/6/2009 1:01	9.48	49.744	32.32	7.83		1.1	1.551	84.3
620	2/6/2009 1:16	9.48	49.727	32.31	7.84		1	1.531	84.4
621	2/6/2009 1:31	9.49	49.714	32.3	7.83		0.9	1.52	84.3
622	2/6/2009 1:46	9.49	49.687	32.28	7.81		0.9	1.514	84.1
623	2/6/2009 2:01	9.5	49.654	32.26	7.73		0.9	1.512	83.2
624	2/6/2009 2:16	9.5	49.635	32.24	7.62		0.8	1.521	82
625	2/6/2009 2:31	9.5	49.622	32.23	7.48		0.7	1.533	80.5
626	2/6/2009 2:46	9.49	49.62	32.23	7.36		0.6	1.56	79.2
627	2/6/2009 3:01	9.49	49.626	32.24	7.3		0.5	1.597	78.5
628	2/6/2009 3:16	9.47	49.648	32.25	7.36		0.7	1.639	79.3
629	2/6/2009 3:31	9.46	49.693	32.28	7.95		0.9	1.69	85.6
630	2/6/2009 3:46	9.45	49.703	32.29	8.19		1	1.745	88.1
631	2/6/2009 4:01	9.45	49.703	32.29	8.11		0.9	1.807	87.2
632	2/6/2009 4:16	9.45	49.849	32.39	8.31		0.9	1.871	89.4
633	2/6/2009 4:31	9.44	50.006	32.51	8.32		1	1.943	89.6
634	2/6/2009 4:46	9.44	50.192	32.64	8.36		0.9	2.012	90.1
635	2/6/2009 5:01	9.42	50.456	32.83	8.42		0.9	2.085	90.8
636	2/6/2009 5:16	9.41	50.585	32.92	8.48		0.8	2.165	91.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
637	2/6/2009 5:31	9.4	50.64	32.96	8.48		1	2.239	91.6
638	2/6/2009 5:46	9.4	50.659	32.97	8.47		1	2.32	91.4
639	2/6/2009 6:01	9.39	50.699	33	8.5		0.8	2.396	91.8
640	2/6/2009 6:16	9.38	50.784	33.06	8.51		0.8	2.467	91.9
641	2/6/2009 6:31	9.37	50.891	33.14	8.54		0.7	2.542	92.2
642	2/6/2009 6:46	9.36	50.96	33.19	8.53		0.7	2.608	92.1
643	2/6/2009 7:01	9.36	51.006	33.22	8.52		0.6	2.669	92
644	2/6/2009 7:16	9.35	51.075	33.27	8.52		0.6	2.734	92
645	2/6/2009 7:31	9.34	51.106	33.29	8.52		0.5	2.775	92.1
646	2/6/2009 7:46	9.34	51.134	33.31	8.45		0.4	2.819	91.3
647	2/6/2009 8:01	9.34	51.15	33.33	8.41		0.4	2.85	90.9
648	2/6/2009 8:16	9.34	51.158	33.33	8.35		0.3	2.862	90.2
649	2/6/2009 8:31	9.34	51.158	33.33	8.32		0.3	2.871	89.9
650	2/6/2009 8:46	9.34	51.152	33.33	8.24		0.2	2.845	89
651	2/6/2009 9:01	9.35	51.133	33.31	8.14		0.2	2.813	88
652	2/6/2009 9:16	9.35	51.089	33.28	8.05		0.2	2.755	87
653	2/6/2009 9:31	9.36	51.034	33.24	7.92		0.4	2.689	85.5
654	2/6/2009 9:46	9.37	50.944	33.18	7.93		0.5	2.592	85.7
655	2/6/2009 10:01	9.38	50.812	33.08	7.95		0.5	2.496	85.8
656	2/6/2009 10:16	9.4	50.719	33.02	7.94		0.7	2.394	85.8
657	2/6/2009 10:31	9.41	50.653	32.97	7.94		0.7	2.281	85.7
658	2/6/2009 10:46	9.41	50.538	32.89	7.93		0.7	2.16	85.6
659	2/6/2009 11:01	9.43	50.298	32.72	7.85		0.8	2.056	84.6
660	2/6/2009 11:16	9.44	49.97	32.48	7.71		0.8	1.927	83.1
661	2/6/2009 11:31	9.46	49.776	32.34	7.52		0.8	1.805	81
662	2/6/2009 11:46	9.5	49.669	32.27	7.38		0.9	1.678	79.5
663	2/6/2009 12:01	9.53	49.605	32.22	7.35		1	1.545	79.2
664	2/6/2009 12:16	9.58	49.511	32.16	7.5		1.1	1.421	80.9
665	2/6/2009 12:31	9.64	49.304	32.01	7.8		1.2	1.279	84.1
666	2/6/2009 12:46	9.69	49.044	31.83	8.03		1.1	1.14	86.6
667	2/6/2009 13:01	9.73	48.789	31.65	8.16		1	1.004	87.9
668	2/6/2009 13:16	9.76	48.594	31.51	8.21		1	0.852	88.4
669	2/6/2009 13:31	9.79	48.504	31.45	8.17		1	0.704	88
670	2/6/2009 13:46	9.83	48.427	31.4	8.09		1.2	0.568	87.3
671	2/6/2009 14:01	9.86	48.333	31.33	8.03		1.5	0.429	86.6
672	2/6/2009 14:16	9.89	48.137	31.19	7.97		2	0.296	86
673	2/6/2009 14:31	9.92	47.867	31	7.99		2.4	0.177	86.2
674	2/6/2009 14:46								
675	2/6/2009 15:01								
676	2/6/2009 15:16								
677	2/6/2009 15:31								
678	2/6/2009 15:46								
679	2/6/2009 16:01								
680	2/6/2009 16:16	10.04	47.803	30.96	7.84		2.1	0.151	84.7
681	2/6/2009 16:31	10.06	47.887	31.02			1.1	0.224	
682	2/6/2009 16:46	10.2	48.231	31.28			4.2	0.299	
683	2/6/2009 17:01	10.23	48.708	31.62	8.5		6.4	0.389	92.7
684	2/6/2009 17:16	10.27	48.533	31.5	8.51		6	0.444	92.7
685	2/6/2009 17:31	10.3	48.378	31.39	8.51		5.5	0.525	92.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
686	2/6/2009 17:46	10.29	48.322	31.35	8.52		6.1	0.621	92.8
687	2/6/2009 18:01	10.28	48.287	31.32	8.52		5	0.709	92.8
688	2/6/2009 18:16	10.26	48.28	31.32	8.62		4.9	0.767	93.9
689	2/6/2009 18:31	10.22	48.308	31.34	8.47		5	0.884	92.1
690	2/6/2009 18:46	10.09	48.84	31.71	8.67		4.6	0.982	94.3
691	2/6/2009 19:01	10.03	49.019	31.84	8.59		4.4	1.064	93.3
692	2/6/2009 19:16	9.95	49.146	31.92	8.6		3.8	1.171	93.3
693	2/6/2009 19:31	9.9	49.249	31.99	8.57		3.2	1.264	92.9
694	2/6/2009 19:46	9.84	49.402	32.1	8.64		2.8	1.367	93.6
695	2/6/2009 20:01	9.83	49.445	32.13	8.61		3.2	1.444	93.3
696	2/6/2009 20:16	9.82	49.502	32.17	8.62		3	1.542	93.4
697	2/6/2009 20:31	9.8	49.597	32.24	8.62		2.7	1.624	93.5
698	2/6/2009 20:46	9.78	49.642	32.27	8.6		2.4	1.68	93.2
699	2/6/2009 21:01	9.76	49.664	32.28	8.58		2.2	1.768	92.9
700	2/6/2009 21:16	9.74	49.736	32.33	8.54		2.1	1.843	92.5
701	2/6/2009 21:31	9.72	49.829	32.4	8.54		2	1.891	92.5
702	2/6/2009 21:46	9.7	49.947	32.48	8.56		1.8	1.948	92.7
703	2/6/2009 22:01	9.67	50.159	32.63	8.6		1.5	2.02	93.1
704	2/6/2009 22:16	9.66	50.271	32.71	8.65		1.3	2.047	93.8
705	2/6/2009 22:31	9.66	50.289	32.73	8.62		1.2	2.059	93.4
706	2/6/2009 22:46	9.66	50.326	32.75	8.6		1.1	2.096	93.2
707	2/6/2009 23:01	9.66	50.313	32.74	8.47		0.9	2.082	91.8
708	2/6/2009 23:16	9.66	50.298	32.73	8.46		1	2.08	91.7
709	2/6/2009 23:31	9.67	50.229	32.68	8.39		0.8	2.044	90.9
710	2/6/2009 23:46	9.68	50.025	32.54	8.18		0.9	1.98	88.6
711	2/7/2009 0:01	9.69	49.924	32.47	8.1		1.3	1.95	87.7
712	2/7/2009 0:16	9.7	49.844	32.41	8.01		1.5	1.902	86.7
713	2/7/2009 0:31	9.71	49.724	32.32	8.01		1.3	1.801	86.7
714	2/7/2009 0:46	9.71	49.697	32.3	7.98		1.5	1.763	86.4
715	2/7/2009 1:01	9.72	49.665	32.28	8.01		1.4	1.7	86.7
716	2/7/2009 1:16	9.72	49.617	32.25	8		1.3	1.646	86.5
717	2/7/2009 1:31	9.73	49.57	32.21	7.98		1.4	1.577	86.3
718	2/7/2009 1:46	9.73	49.52	32.18	8		1.4	1.522	86.5
719	2/7/2009 2:01	9.74	49.486	32.15	8.01		1.6	1.482	86.7
720	2/7/2009 2:16	9.75	49.446	32.12	8.03		1.6	1.423	86.8
721	2/7/2009 2:31	9.75	49.428	32.11	8.02		1.6	1.397	86.8
722	2/7/2009 2:46	9.76	49.407	32.1	7.99		1.9	1.385	86.4
723	2/7/2009 3:01	9.77	49.372	32.07	8.02		1.8	1.355	86.8
724	2/7/2009 3:16	9.78	49.34	32.05	8.02		1.7	1.343	86.7
725	2/7/2009 3:31	9.79	49.32	32.04	7.94		1.6	1.325	86
726	2/7/2009 3:46	9.8	49.299	32.02	7.98		1.6	1.361	86.4
727	2/7/2009 4:01	9.8	49.309	32.03	7.88		1.5	1.407	85.3
728	2/7/2009 4:16	9.79	49.318	32.03	7.82		2.1	1.429	84.6
729	2/7/2009 4:31	9.77	49.374	32.07	8.14		2.2	1.478	88.1
730	2/7/2009 4:46	9.78	49.334	32.05	8.33		3	1.568	90.1
731	2/7/2009 5:01	9.78	49.243	31.98	8.36		2.9	1.64	90.4
732	2/7/2009 5:16	9.76	49.307	32.02	8.37		2.5	1.7	90.5
733	2/7/2009 5:31	9.74	49.547	32.2	8.47		2.4	1.789	91.6
734	2/7/2009 5:46	9.72	49.75	32.34	8.51		2.3	1.87	92.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
735	2/7/2009 6:01	9.68	50.022	32.54	8.66		2.2	1.966	93.8
736	2/7/2009 6:16	9.67	50.201	32.66	8.73		2.2	2.05	94.6
737	2/7/2009 6:31	9.66	50.271	32.71	8.77		2.3	2.137	95
738	2/7/2009 6:46	9.65	50.359	32.78	8.77		2	2.219	95.1
739	2/7/2009 7:01	9.62	50.521	32.89	8.84		2	2.328	95.9
740	2/7/2009 7:16	9.6	50.651	32.98	8.88		1.8	2.417	96.3
741	2/7/2009 7:31	9.58	50.753	33.06	8.91		1.8	2.504	96.7
742	2/7/2009 7:46	9.56	50.852	33.13	8.94		1.9	2.582	97
743	2/7/2009 8:01	9.55	50.904	33.16	8.98		1.6	2.669	97.4
744	2/7/2009 8:16	9.54	50.964	33.21	8.98		1.3	2.755	97.4
745	2/7/2009 8:31	9.54	50.981	33.22	8.97		1.2	2.818	97.3
746	2/7/2009 8:46	9.53	50.998	33.23	8.97		1	2.872	97.3
747	2/7/2009 9:01	9.54	51.003	33.23	8.95		1	2.916	97.1
748	2/7/2009 9:16	9.54	51.004	33.24	8.91		0.9	2.937	96.7
749	2/7/2009 9:31	9.54	51	33.23	8.84		0.7	2.945	95.9
750	2/7/2009 9:46	9.55	50.975	33.22	8.73		0.7	2.931	94.6
751	2/7/2009 10:01	9.56	50.961	33.21	8.59		0.6	2.911	93.2
752	2/7/2009 10:16	9.58	50.957	33.2	8.52		0.7	2.859	92.4
753	2/7/2009 10:31	9.6	50.941	33.19	8.48		0.8	2.759	92.1
754	2/7/2009 10:46	9.64	50.865	33.14	8.51		1	2.678	92.5
755	2/7/2009 11:01	9.67	50.788	33.09	8.52		0.9	2.578	92.5
756	2/7/2009 11:16	9.7	50.642	32.99	8.47		1.1	2.44	92.1
757	2/7/2009 11:31	9.73	50.525	32.9	8.44		1.2	2.34	91.7
758	2/7/2009 11:46	9.77	50.379	32.8	8.39		1.1	2.215	91.2
759	2/7/2009 12:01	9.8	50.26	32.72	8.35		1.2	2.091	90.7
760	2/7/2009 12:16	9.82	50.029	32.55	8.24		1	1.96	89.5
761	2/7/2009 12:31	9.85	49.706	32.32	8.11		1.5	1.813	88
762	2/7/2009 12:46	9.89	49.446	32.13	7.97		1.6	1.675	86.5
763	2/7/2009 13:01	9.93	49.287	32.02	7.9		1.5	1.527	85.8
764	2/7/2009 13:16	9.99	49.263	32.01	7.87		1.6	1.397	85.5
765	2/7/2009 13:31	10.03	49.205	31.97	7.8		1.8	1.248	84.8
766	2/7/2009 13:46	10.1	49.056	31.87	7.88		2.3	1.076	85.8
767	2/7/2009 14:01	10.14	48.667	31.59	7.93		2.4	0.915	86.2
768	2/7/2009 14:16	10.21	48.402	31.4	7.96		2.5	0.771	86.6
769	2/7/2009 14:31	10.26	48.324	31.35	7.96		2.6	0.605	86.7
770	2/7/2009 14:46	10.35	48.305	31.34	7.92		2.6	0.44	86.4
771	2/7/2009 15:01	10.4	48.178	31.25	7.69		2	0.315	83.9
772	2/7/2009 15:16	10.44	47.895	31.05	7.62		2.1	0.18	83.2
773	2/7/2009 15:31								
774	2/7/2009 15:46								
775	2/7/2009 16:01								
776	2/7/2009 16:16								
777	2/7/2009 16:31								
778	2/7/2009 16:46								
779	2/7/2009 17:01								
780	2/7/2009 17:16								
781	2/7/2009 17:31								
782	2/7/2009 17:46	10.92	48.419	31.46	8.12		3.2	0.264	89.7
783	2/7/2009 18:01	10.95	48.3	31.37	8.59		3.2	0.342	94.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
784	2/7/2009 18:16	10.97	47.985	31.15	8.66		3.4	0.403	95.6
785	2/7/2009 18:31	10.98	47.749	30.98	8.68		3.6	0.513	95.7
786	2/7/2009 18:46	10.97	47.653	30.91	8.68		3.5	0.61	95.7
787	2/7/2009 19:01	10.91	47.787	31	8.51		3.1	0.71	93.7
788	2/7/2009 19:16	10.81	48.505	31.51	8.75		3.5	0.808	96.5
789	2/7/2009 19:31	10.76	48.523	31.52	8.74		3	0.895	96.3
790	2/7/2009 19:46	10.62	48.707	31.65	8.76		3.7	1.029	96.3
791	2/7/2009 20:01	10.56	48.731	31.66	8.73		3.1	1.132	95.9
792	2/7/2009 20:16	10.41	49.248	32.02	8.82		3.1	1.251	96.7
793	2/7/2009 20:31	10.33	49.424	32.15	8.8		2.9	1.372	96.5
794	2/7/2009 20:46	10.28	49.533	32.22	8.79		2.9	1.462	96.2
795	2/7/2009 21:01	10.24	49.628	32.29	8.78		3.1	1.559	96.1
796	2/7/2009 21:16	10.2	49.662	32.31	8.77		2.8	1.658	96
797	2/7/2009 21:31	10.16	49.735	32.36	8.78		2.9	1.739	96
798	2/7/2009 21:46	10.11	49.879	32.46	8.84		2.7	1.815	96.6
799	2/7/2009 22:01	10.06	50.067	32.59	8.91		2.6	1.907	97.4
800	2/7/2009 22:16	10.01	50.234	32.71	9.02		2.3	1.981	98.5
801	2/7/2009 22:31	9.98	50.351	32.79	9.05		2.3	2.053	98.8
802	2/7/2009 22:46	9.92	50.51	32.91	9.12		2.1	2.126	99.6
803	2/7/2009 23:01	9.9	50.597	32.97	9.12		2	2.167	99.5
804	2/7/2009 23:16	9.87	50.65	33	9.13		1.7	2.201	99.6
805	2/7/2009 23:31	9.85	50.691	33.03	9.07		1.5	2.23	98.9
806	2/7/2009 23:46	9.86	50.664	33.01	8.98		1.5	2.227	97.9
807	2/8/2009 0:01	9.87	50.627	32.99	8.88		1.3	2.196	96.9
808	2/8/2009 0:16	9.87	50.575	32.95	8.84		1.1	2.149	96.4
809	2/8/2009 0:31	9.88	50.411	32.83	8.6		1.5	2.07	93.8
810	2/8/2009 0:46	9.89	50.212	32.69	8.5		1.8	2.01	92.6
811	2/8/2009 1:01	9.91	50.107	32.61	8.44		1.7	1.935	91.9
812	2/8/2009 1:16	9.92	49.979	32.52	8.38		1.7	1.829	91.2
813	2/8/2009 1:31	9.94	49.879	32.45	8.32		1.6	1.765	90.5
814	2/8/2009 1:46	9.95	49.761	32.37	8.28		1.5	1.686	90.1
815	2/8/2009 2:01	9.96	49.709	32.33	8.26		1.5	1.611	89.9
816	2/8/2009 2:16	9.97	49.664	32.3	8.24		1.6	1.549	89.7
817	2/8/2009 2:31	9.97	49.598	32.25	8.26		1.5	1.478	89.9
818	2/8/2009 2:46	9.97	49.534	32.2	8.26		1.8	1.421	89.8
819	2/8/2009 3:01	9.98	49.463	32.15	8.24		1.6	1.346	89.6
820	2/8/2009 3:16	9.99	49.362	32.08	8.26		1.8	1.295	89.8
821	2/8/2009 3:31	10	49.278	32.02	8.24		1.5	1.235	89.5
822	2/8/2009 3:46	10.01	49.176	31.95	8.23		1.5	1.21	89.5
823	2/8/2009 4:01	10.03	49.019	31.83	8.2		1.8	1.161	89.1
824	2/8/2009 4:16	10.04	48.975	31.8	8.16		1.7	1.137	88.7
825	2/8/2009 4:31	10.06	48.983	31.81	8.17		1.8	1.171	88.8
826	2/8/2009 4:46	10.07	48.984	31.81	8.11		1.7	1.181	88.2
827	2/8/2009 5:01	10.08	49.009	31.83	8.03		1.5	1.229	87.4
828	2/8/2009 5:16	10.06	49.104	31.9	8.09		1.9	1.289	88
829	2/8/2009 5:31	10.02	49.205	31.97	8.37		2.9	1.359	90.9
830	2/8/2009 5:46	10	49.11	31.9	8.38		2.9	1.443	91.1
831	2/8/2009 6:01	9.99	49.213	31.97	8.41		2.4	1.53	91.4
832	2/8/2009 6:16	9.97	49.488	32.17	8.51		2.6	1.612	92.5

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depth	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
833	2/8/2009 6:31	9.93	49.744	32.35	8.61		2.4	1.699	93.6
834	2/8/2009 6:46	9.91	49.951	32.5	8.74		2.3	1.772	95.1
835	2/8/2009 7:01	9.9	50.105	32.61	8.86		2.4	1.864	96.4
836	2/8/2009 7:16	9.89	50.179	32.66	8.92		2.6	1.955	97.1
837	2/8/2009 7:31	9.87	50.254	32.72	8.95		2.7	2.052	97.5
838	2/8/2009 7:46	9.81	50.456	32.86	9.05		2.9	2.163	98.5
839	2/8/2009 8:01	9.77	50.574	32.94	9.11		3.1	2.268	99.1
840	2/8/2009 8:16	9.69	50.735	33.05	9.2		3.3	2.391	100
841	2/8/2009 8:31	9.62	50.889	33.16	9.28		3.4	2.496	100.8
842	2/8/2009 8:46	9.58	50.978	33.22	9.3		2.9	2.589	101
843	2/8/2009 9:01	9.56	51.066	33.28	9.32		2.7	2.692	101.2
844	2/8/2009 9:16	9.55	51.101	33.31	9.29		2.4	2.781	100.9
845	2/8/2009 9:31	9.55	51.127	33.33	9.26		2.1	2.846	100.6
846	2/8/2009 9:46	9.56	51.125	33.32	9.24		2.4	2.927	100.3
847	2/8/2009 10:01	9.56	51.12	33.32	9.19		2	2.969	99.8
848	2/8/2009 10:16	9.57	51.118	33.32	9.14		1.8	3.007	99.3
849	2/8/2009 10:31	9.57	51.115	33.32	9.08		1.7	3.006	98.6
850	2/8/2009 10:46	9.58	51.115	33.32	9.01		1.5	3.003	97.8
851	2/8/2009 11:01	9.6	51.105	33.31	8.9		1.1	2.966	96.7
852	2/8/2009 11:16	9.64	51.102	33.31	8.77		1.3	2.886	95.4
853	2/8/2009 11:31	9.66	51.088	33.31	8.8		1.3	2.785	95.8
854	2/8/2009 11:46	9.69	51.047	33.28	8.83		1.6	2.678	96.1
855	2/8/2009 12:01	9.74	50.947	33.21	8.84		1.5	2.57	96.3
856	2/8/2009 12:16	9.78	50.798	33.1	8.79		1.6	2.424	95.7
857	2/8/2009 12:31	9.8	50.632	32.99	8.73		1.5	2.291	95.1
858	2/8/2009 12:46	9.82	50.498	32.89	8.65		1.5	2.166	94.1
859	2/8/2009 13:01	9.84	50.37	32.8	8.65		2.2	2.027	94.2
860	2/8/2009 13:16	9.86	50.251	32.71	8.59		1.6	1.882	93.5
861	2/8/2009 13:31	9.88	50.069	32.58	8.52		1.9	1.733	92.7
862	2/8/2009 13:46	9.88	49.704	32.32	8.3		1.7	1.586	90.2
863	2/8/2009 14:01	9.88	49.33	32.05	8.13		1.6	1.445	88.2
864	2/8/2009 14:16	9.89	49.186	31.95	8.03		1.7	1.294	87
865	2/8/2009 14:31	9.9	49.021	31.83	7.95		2.1	1.127	86.2
866	2/8/2009 14:46	9.93	48.857	31.71	8.04		2	0.956	87.1
867	2/8/2009 15:01	9.96	48.599	31.53	8.12		2.2	0.796	87.9
868	2/8/2009 15:16	9.98	48.129	31.19	8.08		2.1	0.635	87.3
869	2/8/2009 15:31	10	47.937	31.05	8.14		2.3	0.458	87.9
870	2/8/2009 15:46	10.02	47.9	31.03	8.11		2.3	0.302	87.7
871	2/8/2009 16:01	10.05	47.882	31.02	8.06		2.3	0.146	87.1
872	2/8/2009 16:16								
873	2/8/2009 16:31								
874	2/8/2009 16:46								
875	2/8/2009 17:01								
876	2/8/2009 17:16								
877	2/8/2009 17:31								
878	2/8/2009 17:46								
879	2/8/2009 18:01								
880	2/8/2009 18:16								
881	2/8/2009 18:31	10.23	48.387	31.39	8.37		3	0.27	91.1

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
882	2/8/2009 18:46	10.22	48.291	31.32	8.44		3.4	0.337	91.8
883	2/8/2009 19:01	10.2	48.121	31.2	8.41		3.1	0.434	91.3
884	2/8/2009 19:16	10.22	48.244	31.29	8.54		3.3	0.538	92.8
885	2/8/2009 19:31	10.22	48.32	31.34	8.54		3.2	0.614	92.9
886	2/8/2009 19:46	10.22	48.444	31.43	8.58		3.2	0.711	93.4
887	2/8/2009 20:01	10.21	48.436	31.43	8.57		3.1	0.834	93.3
888	2/8/2009 20:16	10.19	48.805	31.69	8.65		3.1	0.958	94.2
889	2/8/2009 20:31	10.15	48.933	31.78	8.69		3.5	1.073	94.6
890	2/8/2009 20:46	10.15	49.26	32.02	8.79		3.7	1.202	95.9
891	2/8/2009 21:01	10.14	49.403	32.12	8.84		3.8	1.32	96.5
892	2/8/2009 21:16	10.1	49.535	32.21	8.84		4.3	1.427	96.5
893	2/8/2009 21:31	10.06	49.635	32.28	8.85		4.5	1.541	96.5
894	2/8/2009 21:46	10.03	49.683	32.31	8.85		4.2	1.642	96.5
895	2/8/2009 22:01	9.96	49.833	32.42	8.93		4.2	1.753	97.2
896	2/8/2009 22:16	9.9	50.004	32.54	8.99		4.2	1.836	97.8
897	2/8/2009 22:31	9.83	50.233	32.7	9.04		3.9	1.932	98.3
898	2/8/2009 22:46	9.75	50.44	32.84	9.08		3.7	2.043	98.7
899	2/8/2009 23:01	9.71	50.528	32.9	9.08		3.4	2.121	98.7
900	2/8/2009 23:16	9.67	50.608	32.96	9.05		2.9	2.207	98.3
901	2/8/2009 23:31	9.64	50.683	33.01	9.03		2.8	2.265	98
902	2/8/2009 23:46	9.61	50.746	33.05	8.98		2.6	2.335	97.5
903	2/9/2009 0:01	9.59	50.764	33.07	8.94		2.2	2.37	96.9
904	2/9/2009 0:16	9.6	50.752	33.06	8.86		2.2	2.392	96.1
905	2/9/2009 0:31	9.6	50.665	32.99	8.79		2.1	2.384	95.3
906	2/9/2009 0:46	9.61	50.631	32.97	8.68		1.8	2.333	94.1
907	2/9/2009 1:01	9.61	50.627	32.97	8.53		1.9	2.28	92.5
908	2/9/2009 1:16	9.61	50.585	32.94	8.5		2.1	2.202	92.2
909	2/9/2009 1:31	9.62	50.492	32.87	8.54		2.3	2.097	92.6
910	2/9/2009 1:46	9.62	50.408	32.81	8.55		2.2	2.019	92.7
911	2/9/2009 2:01	9.63	50.245	32.69	8.54		2.2	1.921	92.5
912	2/9/2009 2:16	9.64	50.045	32.55	8.48		2.4	1.821	91.8
913	2/9/2009 2:31	9.64	49.906	32.45	8.43		2.4	1.728	91.2
914	2/9/2009 2:46	9.64	49.815	32.38	8.42		2.3	1.639	91
915	2/9/2009 3:01	9.65	49.706	32.3	8.38		2.1	1.54	90.5
916	2/9/2009 3:16	9.65	49.616	32.24	8.36		2.1	1.453	90.3
917	2/9/2009 3:31	9.64	49.556	32.2	8.34		2.3	1.374	90.1
918	2/9/2009 3:46	9.63	49.466	32.13	8.32		2	1.299	89.8
919	2/9/2009 4:01	9.62	49.338	32.04	8.29		2.1	1.217	89.4
920	2/9/2009 4:16	9.62	49.185	31.93	8.24		2	1.132	88.7
921	2/9/2009 4:31	9.61	49.064	31.84	8.2		2	1.091	88.3
922	2/9/2009 4:46	9.6	48.997	31.79	8.16		2	1.049	87.9
923	2/9/2009 5:01	9.59	48.864	31.69	8.11		2.3	0.993	87.2
924	2/9/2009 5:16	9.59	48.842	31.68	8.1		2.1	0.998	87.1
925	2/9/2009 5:31	9.58	48.872	31.7	8.08		2	1.006	86.8
926	2/9/2009 5:46	9.55	48.91	31.72	8.05		2	1.032	86.5
927	2/9/2009 6:01	9.51	48.939	31.74	7.97		1.9	1.081	85.6
928	2/9/2009 6:16	9.49	48.996	31.78	8.16		2.6	1.152	87.6
929	2/9/2009 6:31	9.48	49.021	31.8	8.35		3.2	1.238	89.7
930	2/9/2009 6:46	9.42	48.912	31.72	8.34		3.1	1.322	89.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
931	2/9/2009 7:01	9.5	49.017	31.8	8.43		3.1	1.42	90.5
932	2/9/2009 7:16	9.55	49.327	32.02	8.53		3	1.515	91.8
933	2/9/2009 7:31	9.55	49.583	32.21	8.59		2.9	1.613	92.6
934	2/9/2009 7:46	9.54	49.848	32.4	8.69		2.9	1.698	93.7
935	2/9/2009 8:01	9.57	50.038	32.54	8.78		3.2	1.788	94.8
936	2/9/2009 8:16	9.58	50.103	32.59	8.79		3.8	1.896	95
937	2/9/2009 8:31	9.55	50.176	32.64	8.8		3.3	1.992	95.1
938	2/9/2009 8:46	9.52	50.296	32.72	8.84		4.3	2.092	95.5
939	2/9/2009 9:01	9.5	50.358	32.77	8.83		3.2	2.198	95.4
940	2/9/2009 9:16	9.43	50.502	32.86	8.85		3.8	2.313	95.5
941	2/9/2009 9:31	9.33	50.722	33.02	8.87		4.8	2.419	95.7
942	2/9/2009 9:46	9.29	50.865	33.12	8.89		3.6	2.52	95.8
943	2/9/2009 10:01	9.26	50.967	33.19	8.89		3.5	2.628	95.9
944	2/9/2009 10:16	9.24	51.016	33.22	8.89		3	2.728	95.8
945	2/9/2009 10:31	9.24	51.04	33.24	8.87		2.7	2.803	95.6
946	2/9/2009 10:46	9.25	51.061	33.25	8.84		2.4	2.874	95.3
947	2/9/2009 11:01	9.26	51.077	33.27	8.78		2.2	2.931	94.7
948	2/9/2009 11:16	9.26	51.085	33.27	8.74		2.3	2.963	94.2
949	2/9/2009 11:31	9.26	51.09	33.28	8.7		2	2.978	93.8
950	2/9/2009 11:46	9.27	51.09	33.28	8.7		2	2.96	93.8
951	2/9/2009 12:01	9.28	51.083	33.27	8.53		1.8	2.916	92
952	2/9/2009 12:16	9.31	51.047	33.25	8.45		1.5	2.835	91.2
953	2/9/2009 12:31	9.32	51.007	33.22	8.43		1.9	2.736	91
954	2/9/2009 12:46	9.34	50.94	33.17	8.48		2	2.619	91.5
955	2/9/2009 13:01	9.37	50.786	33.07	8.48		1.8	2.494	91.6
956	2/9/2009 13:16	9.41	50.557	32.9	8.46		2.2	2.343	91.3
957	2/9/2009 13:31	9.43	50.405	32.79	8.46		2	2.22	91.3
958	2/9/2009 13:46	9.46	50.331	32.74	8.46		2.1	2.076	91.3
959	2/9/2009 14:01	9.47	50.174	32.63	8.41		2	1.92	90.8
960	2/9/2009 14:16	9.5	50.049	32.54	8.38		2	1.781	90.4
961	2/9/2009 14:31	9.54	49.712	32.3	8.27		2.3	1.631	89.2
962	2/9/2009 14:46	9.58	49.346	32.04	8.16		2.4	1.491	87.9
963	2/9/2009 15:01	9.6	48.97	31.77	7.92		2.1	1.33	85.3
964	2/9/2009 15:16	9.64	48.92	31.74	7.92		2.1	1.184	85.3
965	2/9/2009 15:31	9.68	48.773	31.63	7.85		2.3	1.012	84.5
966	2/9/2009 15:46	9.71	48.561	31.48	7.88		2.5	0.854	84.8
967	2/9/2009 16:01	9.73	48.389	31.36	7.92		2.5	0.683	85.3
968	2/9/2009 16:16	9.75	48.236	31.25	7.89		2.4	0.496	84.9
969	2/9/2009 16:31	9.77	48.129	31.18	7.81		2.3	0.353	84.1
970	2/9/2009 16:46	9.8	47.926	31.03	7.57		2.5	0.198	81.4
971	2/9/2009 17:01								
972	2/9/2009 17:16								
973	2/9/2009 17:31								
974	2/9/2009 17:46								
975	2/9/2009 18:01								
976	2/9/2009 18:16								
977	2/9/2009 18:31								
978	2/9/2009 18:46								
979	2/9/2009 19:01	9.69	48.401	31.37	7.71		2.2	0.228	82.9

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
980	2/9/2009 19:16	9.63	48.456	31.4	8.33		2.4	0.32	89.5
981	2/9/2009 19:31	9.54	48.076	31.12	8.55		3.2	0.429	91.4
982	2/9/2009 19:46	9.44	47.642	30.81	8.59		3.4	0.527	91.5
983	2/9/2009 20:01	9.4	47.526	30.72	8.52		3.2	0.599	90.6
984	2/9/2009 20:16	9.64	48.328	31.31	8.83		3.1	0.707	94.8
985	2/9/2009 20:31	9.66	48.471	31.42	8.86		3	0.824	95.2
986	2/9/2009 20:46	9.69	48.732	31.61	8.88		3.5	0.944	95.6
987	2/9/2009 21:01	9.63	48.835	31.68	8.88		4.1	1.073	95.5
988	2/9/2009 21:16	9.64	48.896	31.72	8.89		3.5	1.199	95.7
989	2/9/2009 21:31	9.74	49.392	32.08	9		3.5	1.32	97.3
990	2/9/2009 21:46	9.72	49.556	32.2	9		4.3	1.445	97.4
991	2/9/2009 22:01	9.68	49.671	32.28	8.97		4.7	1.568	97
992	2/9/2009 22:16	9.66	49.698	32.3	8.95		4.9	1.667	96.8
993	2/9/2009 22:31	9.63	49.761	32.34	8.97		4.5	1.774	96.9
994	2/9/2009 22:46	9.6	49.882	32.43	8.96		3.9	1.87	96.8
995	2/9/2009 23:01	9.52	50.165	32.63	9		4.2	1.964	97.2
996	2/9/2009 23:16	9.44	50.35	32.76	9.04		4.5	2.058	97.5
997	2/9/2009 23:31	9.4	50.4	32.79	9.09		4.6	2.166	98.1
998	2/9/2009 23:46	9.39	50.419	32.8	9.07		4.2	2.257	97.7
999	2/10/2009 0:01	9.38	50.435	32.81	9.04		3.1	2.324	97.4
1000	2/10/2009 0:16	9.36	50.481	32.84	9.04		3.1	2.401	97.5
1001	2/10/2009 0:31	9.35	50.518	32.87	9.03		2.9	2.453	97.3
1002	2/10/2009 0:46	9.34	50.539	32.88	8.96		2.6	2.473	96.5
1003	2/10/2009 1:01	9.32	50.532	32.88	8.91		2.4	2.465	95.9
1004	2/10/2009 1:16	9.31	50.508	32.86	8.78		2.2	2.454	94.5
1005	2/10/2009 1:31	9.29	50.478	32.84	8.66		2	2.392	93.2
1006	2/10/2009 1:46	9.27	50.459	32.82	8.57		2.1	2.308	92.1
1007	2/10/2009 2:01	9.25	50.424	32.79	8.57		2.5	2.202	92.1
1008	2/10/2009 2:16	9.21	50.383	32.76	8.58		2.5	2.106	92.1
1009	2/10/2009 2:31	9.22	50.294	32.7	8.57		2.5	2.012	92
1010	2/10/2009 2:46	9.24	50.057	32.53	8.52		2.6	1.901	91.4
1011	2/10/2009 3:01	9.24	49.874	32.4	8.54		2.6	1.791	91.5
1012	2/10/2009 3:16	9.22	49.795	32.34	8.52		2.5	1.695	91.3
1013	2/10/2009 3:31	9.21	49.721	32.28	8.53		2.6	1.567	91.3
1014	2/10/2009 3:46	9.21	49.683	32.26	8.54		2.6	1.469	91.4
1015	2/10/2009 4:01	9.2	49.574	32.18	8.55		2.4	1.363	91.4
1016	2/10/2009 4:16	9.17	49.369	32.03	8.52		2.6	1.264	91
1017	2/10/2009 4:31	9.14	49.118	31.84	8.48		2.4	1.183	90.4
1018	2/10/2009 4:46	9.14	48.892	31.68	8.45		2.3	1.071	89.9
1019	2/10/2009 5:01	9.11	48.785	31.6	8.42		2.3	0.983	89.6
1020	2/10/2009 5:16	9.08	48.714	31.55	8.41		2.3	0.932	89.4
1021	2/10/2009 5:31	9.05	48.641	31.49	8.37		2.2	0.873	88.8
1022	2/10/2009 5:46	8.99	48.504	31.39	8.33		2.4	0.809	88.2
1023	2/10/2009 6:01	8.98	48.514	31.4	8.32		2.3	0.809	88.1
1024	2/10/2009 6:16	8.95	48.541	31.42	8.3		2.3	0.82	87.8
1025	2/10/2009 6:31	8.93	48.55	31.42	8.28		2.2	0.821	87.6
1026	2/10/2009 6:46	8.82	48.762	31.56	7.97		2.1	0.896	84.1
1027	2/10/2009 7:01	8.84	48.825	31.61	8.41		3.7	0.973	88.9
1028	2/10/2009 7:16	8.79	48.93	31.68	8.6		3.7	1.053	90.8

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1029	2/10/2009 7:31	8.69	48.787	31.57	8.59		4	1.165	90.4
1030	2/10/2009 7:46	8.74	48.711	31.52	8.57		3.4	1.253	90.3
1031	2/10/2009 8:01	8.88	48.991	31.73	8.61		3.9	1.352	91.2
1032	2/10/2009 8:16	8.96	49.26	31.93	8.68		3.4	1.451	92.1
1033	2/10/2009 8:31	9.05	49.6	32.18	8.77		3.4	1.54	93.5
1034	2/10/2009 8:46	9.13	49.823	32.35	8.86		3.4	1.63	94.7
1035	2/10/2009 9:01	9.16	49.934	32.43	8.92		3.8	1.736	95.4
1036	2/10/2009 9:16	9.16	50.011	32.49	8.93		4	1.821	95.6
1037	2/10/2009 9:31	9.15	50.108	32.56	8.96		4.6	1.927	95.9
1038	2/10/2009 9:46	9.15	50.161	32.6	9.01		5	1.999	96.5
1039	2/10/2009 10:01	9.12	50.234	32.65	9.03		5.6	2.124	96.7
1040	2/10/2009 10:16	9.09	50.36	32.73	9.09		5.7	2.241	97.3
1041	2/10/2009 10:31	9.06	50.483	32.82	9.15		5.9	2.33	97.9
1042	2/10/2009 10:46	9.06	50.573	32.89	9.21		5.2	2.438	98.7
1043	2/10/2009 11:01	9.07	50.619	32.92	9.26		5.6	2.541	99.2
1044	2/10/2009 11:16	9.08	50.634	32.93	9.27		4.8	2.622	99.3
1045	2/10/2009 11:31	9.09	50.653	32.95	9.25		4.4	2.69	99.1
1046	2/10/2009 11:46	9.09	50.667	32.96	9.22		4	2.78	98.9
1047	2/10/2009 12:01	9.1	50.677	32.97	9.19		3.4	2.791	98.5
1048	2/10/2009 12:16	9.11	50.683	32.97	9.1		2.9	2.817	97.6
1049	2/10/2009 12:31	9.05	50.62	32.92	9.02		2.5	2.838	96.6
1050	2/10/2009 12:46	9.02	50.577	32.89	8.95		2.2	2.815	95.8
1051	2/10/2009 13:01	9.02	50.573	32.88	8.86		2.1	2.76	94.8
1052	2/10/2009 13:16	9.01	50.591	32.9	8.83		2.2	2.678	94.4
1053	2/10/2009 13:31	9	50.594	32.9	8.81		2.4	2.597	94.2
1054	2/10/2009 13:46	9.01	50.59	32.89	8.79		2.6	2.47	94
1055	2/10/2009 14:01	9	50.504	32.83	8.78		3.1	2.322	93.9
1056	2/10/2009 14:16	9.01	50.386	32.75	8.75		2.9	2.181	93.5
1057	2/10/2009 14:31	9.01	50.274	32.67	8.69		2.7	2.039	92.8
1058	2/10/2009 14:46	9.01	50.162	32.59	8.66		2.7	1.902	92.4
1059	2/10/2009 15:01	9	50.028	32.49	8.66		3.1	1.738	92.4
1060	2/10/2009 15:16	8.99	49.9	32.4	8.66		3.3	1.601	92.3
1061	2/10/2009 15:31	8.99	49.623	32.2	8.51		3	1.483	90.6
1062	2/10/2009 15:46	8.98	49.264	31.94	8.32		2.6	1.323	88.4
1063	2/10/2009 16:01	8.97	49.2	31.89	8.41		3.5	1.195	89.3
1064	2/10/2009 16:16	8.94	48.986	31.73	8.33		3.5	1.017	88.3
1065	2/10/2009 16:31	8.91	48.788	31.59	8.33		3.8	0.862	88.1
1066	2/10/2009 16:46	8.87	48.606	31.46	8.2		3.5	0.725	86.6
1067	2/10/2009 17:01	8.84	48.296	31.23	8.15		3.1	0.556	85.9
1068	2/10/2009 17:16	8.8	48.044	31.05	8.11		3	0.377	85.4
1069	2/10/2009 17:31	8.77	47.768	30.85	8.15		2.7	0.26	85.6
1070	2/10/2009 17:46	8.72	47.725	30.81	8.15		2.7	0.144	85.5
1071	2/10/2009 18:01								
1072	2/10/2009 18:16								
1073	2/10/2009 18:31								
1074	2/10/2009 18:46								
1075	2/10/2009 19:01								
1076	2/10/2009 19:16	8.54	47.732	30.8	7.8		2.2	0.153	81.5
1077	2/10/2009 19:31	8.42	48.017	31	7.26		2.7	0.271	75.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1078	2/10/2009 19:46	8.15	48.414	31.26	8.9		5	0.367	92.4
1079	2/10/2009 20:01	8.11	48.22	31.12	9.03		4.6	0.457	93.6
1080	2/10/2009 20:16	8.1	48.096	31.03	9.05		4.8	0.561	93.7
1081	2/10/2009 20:31	8.13	48.021	30.98	9.05		4.9	0.666	93.7
1082	2/10/2009 20:46	8.21	48.101	31.04	9.03		5	0.766	93.7
1083	2/10/2009 21:01	8.27	48.269	31.17	9.09		5.1	0.899	94.5
1084	2/10/2009 21:16	8.37	48.563	31.39	9.06		4.9	1.011	94.6
1085	2/10/2009 21:31	8.52	48.901	31.64	9.04		4.9	1.118	94.9
1086	2/10/2009 21:46	8.7	49.425	32.03	9		6.3	1.24	95
1087	2/10/2009 22:01	8.7	49.525	32.1	9.02		7.4	1.368	95.3
1088	2/10/2009 22:16	8.71	49.541	32.11	9.01		7.6	1.474	95.3
1089	2/10/2009 22:31	8.75	49.566	32.14	9.01		7.1	1.59	95.4
1090	2/10/2009 22:46	8.79	49.694	32.23	9		7.4	1.697	95.4
1091	2/10/2009 23:01	8.81	49.793	32.3	9.03		7.4	1.815	95.8
1092	2/10/2009 23:16	8.83	49.962	32.43	9.08		6.7	1.925	96.4
1093	2/10/2009 23:31	8.83	50.08	32.51	9.12		7	2.022	96.9
1094	2/10/2009 23:46	8.85	50.181	32.59	9.16		6.6	2.129	97.4
1095	2/11/2009 0:01	8.86	50.272	32.65	9.17		4.8	2.226	97.6
1096	2/11/2009 0:16	8.88	50.381	32.73	9.18		4.7	2.33	97.8
1097	2/11/2009 0:31	8.91	50.491	32.82	9.15		4.3	2.416	97.6
1098	2/11/2009 0:46	8.92	50.569	32.87	9.11		3.6	2.497	97.2
1099	2/11/2009 1:01	8.93	50.622	32.91	9.09		3.4	2.561	97.1
1100	2/11/2009 1:16	8.92	50.64	32.92	9.01		3	2.595	96.2
1101	2/11/2009 1:31	8.88	50.617	32.9	8.93		3.2	2.61	95.3
1102	2/11/2009 1:46	8.83	50.55	32.85	8.82		2.7	2.584	93.9
1103	2/11/2009 2:01	8.8	50.52	32.83	8.74		2.9	2.554	93
1104	2/11/2009 2:16	8.79	50.514	32.82	8.66		2.7	2.495	92.2
1105	2/11/2009 2:31	8.78	50.484	32.8	8.67		2.9	2.383	92.2
1106	2/11/2009 2:46	8.77	50.381	32.72	8.75		3.4	2.278	93
1107	2/11/2009 3:01	8.73	50.27	32.64	8.76		3.5	2.181	92.9
1108	2/11/2009 3:16	8.7	50.149	32.55	8.73		3.4	2.047	92.6
1109	2/11/2009 3:31	8.69	50.026	32.46	8.71		3.5	1.934	92.2
1110	2/11/2009 3:46	8.67	49.894	32.37	8.67		3.4	1.819	91.7
1111	2/11/2009 4:01	8.66	49.784	32.29	8.65		3.5	1.708	91.4
1112	2/11/2009 4:16	8.64	49.711	32.23	8.63		3.5	1.614	91.1
1113	2/11/2009 4:31	8.63	49.612	32.16	8.62		3.5	1.493	91
1114	2/11/2009 4:46	8.63	49.555	32.12	8.64		3.5	1.372	91.2
1115	2/11/2009 5:01	8.62	49.418	32.02	8.63		3.4	1.26	91
1116	2/11/2009 5:16	8.61	49.17	31.84	8.62		3.4	1.159	90.8
1117	2/11/2009 5:31	8.59	48.847	31.61	8.63		3.1	1.048	90.6
1118	2/11/2009 5:46	8.55	48.595	31.42	8.6		3.1	0.963	90.2
1119	2/11/2009 6:01	8.52	48.373	31.26	8.58		3	0.862	89.9
1120	2/11/2009 6:16	8.48	48.28	31.19	8.58		3.2	0.803	89.7
1121	2/11/2009 6:31	8.45	48.189	31.12	8.54		3.2	0.74	89.2
1122	2/11/2009 6:46	8.4	48.16	31.1	8.52		3.2	0.703	88.9
1123	2/11/2009 7:01	8.37	48.154	31.09	8.52		3.2	0.696	88.8
1124	2/11/2009 7:16	8.34	48.186	31.11	8.51		2.7	0.717	88.6
1125	2/11/2009 7:31	8.29	48.241	31.15	8.38		2.4	0.756	87.2
1126	2/11/2009 7:46	8.13	48.721	31.48	8.65		4.5	0.824	89.9

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc	Turbidity+	Depthn		
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1127	2/11/2009 8:01	8.11	48.813	31.54	8.92		6	0.922	92.6
1128	2/11/2009 8:16	8.01	48.493	31.3	8.94		5.9	1.034	92.6
1129	2/11/2009 8:31	8.02	48.273	31.15	8.94		6.1	1.127	92.5
1130	2/11/2009 8:46	8.15	48.525	31.34	8.95		5.3	1.244	93
1131	2/11/2009 9:01	8.27	48.943	31.65	8.94		4.6	1.329	93.3
1132	2/11/2009 9:16	8.42	49.344	31.95	8.96		4.5	1.441	94
1133	2/11/2009 9:31	8.5	49.528	32.09	8.98		5.7	1.54	94.5
1134	2/11/2009 9:46	8.52	49.638	32.17	9.05		6	1.633	95.3
1135	2/11/2009 10:01	8.55	49.644	32.18	9.05		6.3	1.739	95.3
1136	2/11/2009 10:16	8.59	49.752	32.26	9.07		6.2	1.829	95.7
1137	2/11/2009 10:31	8.61	49.833	32.32	9.08		5.3	1.875	95.9
1138	2/11/2009 10:46	8.68	49.893	32.37	9.09		7.4	2.045	96.2
1139	2/11/2009 11:01	8.7	49.983	32.43	9.08		4.9	2.118	96.1
1140	2/11/2009 11:16	8.76	50.158	32.56	9.11		7.9	2.262	96.7
1141	2/11/2009 11:31	8.8	50.265	32.64	9.14		5.8	2.346	97.1
1142	2/11/2009 11:46	8.82	50.366	32.72	9.14		5.4	2.413	97.3
1143	2/11/2009 12:01	8.87	50.462	32.79	9.27		5.5	2.548	98.8
1144	2/11/2009 12:16	8.87	50.499	32.82	9.25		4.2	2.577	98.6
1145	2/11/2009 12:31	8.88	50.517	32.83	9.26		3.8	2.661	98.7
1146	2/11/2009 12:46	8.89	50.527	32.84	9.22		4	2.683	98.3
1147	2/11/2009 13:01	8.89	50.519	32.83	9.21		3.7	2.716	98.2
1148	2/11/2009 13:16	8.88	50.489	32.81	9.11		3.6	2.743	97.1
1149	2/11/2009 13:31	8.87	50.469	32.8	9.03		3.3	2.692	96.3
1150	2/11/2009 13:46	8.88	50.464	32.79	8.98		3	2.647	95.7
1151	2/11/2009 14:01	8.86	50.461	32.79	8.91		2.9	2.547	94.9
1152	2/11/2009 14:16	8.84	50.407	32.75	8.88		3.4	2.489	94.5
1153	2/11/2009 14:31	8.82	50.32	32.69	8.85		3.4	2.38	94.1
1154	2/11/2009 14:46	8.8	50.151	32.56	8.87		3.8	2.225	94.2
1155	2/11/2009 15:01	8.78	50.055	32.49	8.83		4.2	2.15	93.7
1156	2/11/2009 15:16	8.77	49.948	32.41	8.9		4.9	1.999	94.3
1157	2/11/2009 15:31	8.76	49.887	32.37	8.79		3.7	1.894	93.2
1158	2/11/2009 15:46	8.75	49.754	32.27	8.73		3.8	1.734	92.5
1159	2/11/2009 16:01	8.74	49.684	32.22	8.7		3.4	1.639	92.1
1160	2/11/2009 16:16	8.74	49.462	32.06	8.63		3.4	1.5	91.2
1161	2/11/2009 16:31	8.74	49.021	31.74	8.59		3.5	1.343	90.6
1162	2/11/2009 16:46	8.72	48.582	31.43	8.56		3.7	1.191	90.1
1163	2/11/2009 17:01	8.69	48.404	31.3	8.51		3.4	1.07	89.4
1164	2/11/2009 17:16	8.65	48.318	31.23	8.46		3.5	0.93	88.8
1165	2/11/2009 17:31	8.61	48.208	31.15	8.35		3.4	0.768	87.6
1166	2/11/2009 17:46	8.57	48.11	31.08	8.29		3.2	0.644	86.8
1167	2/11/2009 18:01	8.53	48.027	31.01	8.25		3.3	0.519	86.2
1168	2/11/2009 18:16	8.47	47.933	30.94	8.22		3.6	0.412	85.7
1169	2/11/2009 18:31	8.42	47.612	30.71	8.17		3.4	0.292	85.1
1170	2/11/2009 18:46	8.39	47.117	30.35	8.09		3.8	0.226	83.9
1171	2/11/2009 19:01	8.37	46.975	30.25	8.06		3.9	0.177	83.5
1172	2/11/2009 19:16	8.34	46.982	30.25	8.04		3.8	0.167	83.3
1173	2/11/2009 19:31	8.31	47.007	30.27	8		3.8	0.177	82.9
1174	2/11/2009 19:46	8.28	47.121	30.35	7.97		3.7	0.22	82.5
1175	2/11/2009 20:01	8.12	48.101	31.03	8.07		3.9	0.336	83.6

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1176	2/11/2009 20:16	8.1	48.124	31.05	8.87		5.1	0.445	91.9
1177	2/11/2009 20:31	7.97	46.447	29.84	8.98		6.2	0.554	92
1178	2/11/2009 20:46	7.95	45.831	29.4	8.99		5.5	0.618	91.8
1179	2/11/2009 21:01	7.91	45.334	29.05	9.06		5.9	0.76	92.2
1180	2/11/2009 21:16	7.97	45.583	29.23	9.02		5.1	0.889	92
1181	2/11/2009 21:31	8.05	46.034	29.56	9.18		5.1	0.992	94.1
1182	2/11/2009 21:46	8.06	45.959	29.5	9.19		4.9	1.081	94.1
1183	2/11/2009 22:01	8.23	46.835	30.14	9.15		5.2	1.218	94.5
1184	2/11/2009 22:16	8.31	47.899	30.91	9.12		5.6	1.315	94.8
1185	2/11/2009 22:31	8.31	48.205	31.12	9.18		6	1.431	95.6
1186	2/11/2009 22:46	8.33	48.27	31.17	9.17		5.2	1.548	95.5
1187	2/11/2009 23:01	8.4	48.677	31.47	9.16		5.6	1.642	95.7
1188	2/11/2009 23:16	8.49	49.052	31.75	9.14		5.5	1.744	95.9
1189	2/11/2009 23:31	8.55	49.191	31.85	9.16		6	1.865	96.4
1190	2/11/2009 23:46	8.6	49.328	31.95	9.2		6.2	1.979	96.9
1191	2/12/2009 0:01	8.66	49.514	32.09	9.24		6.4	2.091	97.6
1192	2/12/2009 0:16	8.7	49.698	32.23	9.32		5.7	2.183	98.6
1193	2/12/2009 0:31	8.74	49.883	32.36	9.36		5.1	2.264	99.2
1194	2/12/2009 0:46	8.84	50.237	32.63	9.35		4.9	2.4	99.5
1195	2/12/2009 1:01	8.93	50.462	32.8	9.32		5.2	2.515	99.5
1196	2/12/2009 1:16	8.95	50.568	32.87	9.28		3.7	2.563	99.1
1197	2/12/2009 1:31	8.97	50.629	32.92	9.25		3.6	2.642	98.8
1198	2/12/2009 1:46	8.97	50.653	32.94	9.21		3.4	2.665	98.4
1199	2/12/2009 2:01	8.94	50.644	32.93	9.11		3.5	2.685	97.3
1200	2/12/2009 2:16	8.9	50.574	32.87	9.04		3.1	2.676	96.5
1201	2/12/2009 2:31	8.89	50.54	32.85	8.98		2.8	2.63	95.8
1202	2/12/2009 2:46	8.85	50.52	32.83	8.91		3.3	2.557	94.9
1203	2/12/2009 3:01	8.76	50.385	32.73	8.88		3.2	2.47	94.4
1204	2/12/2009 3:16	8.67	50.162	32.56	8.92		3.5	2.362	94.5
1205	2/12/2009 3:31	8.62	49.888	32.36	8.92		3.8	2.259	94.3
1206	2/12/2009 3:46	8.56	49.66	32.19	8.88		4	2.134	93.6
1207	2/12/2009 4:01	8.53	49.471	32.05	8.85		3.8	2.019	93.1
1208	2/12/2009 4:16	8.49	49.305	31.93	8.82		3.8	1.912	92.7
1209	2/12/2009 4:31	8.47	49.138	31.81	8.78		3.6	1.8	92.1
1210	2/12/2009 4:46	8.43	48.874	31.61	8.77		4	1.696	91.8
1211	2/12/2009 5:01	8.41	48.441	31.3	8.77		4	1.58	91.6
1212	2/12/2009 5:16	8.37	48.256	31.16	8.79		4.2	1.472	91.7
1213	2/12/2009 5:31	8.33	47.94	30.94	8.78		3.9	1.357	91.3
1214	2/12/2009 5:46	8.29	47.031	30.28	8.77		3.8	1.243	90.8
1215	2/12/2009 6:01	8.25	46.201	29.69	8.76		4	1.13	90.2
1216	2/12/2009 6:16	8.21	45.901	29.47	8.73		4	1.017	89.8
1217	2/12/2009 6:31	8.16	45.744	29.36	8.68		4	0.931	89
1218	2/12/2009 6:46	8.12	45.647	29.29	8.64		4.2	0.817	88.5
1219	2/12/2009 7:01	8.07	45.612	29.26	8.66		4.3	0.733	88.6
1220	2/12/2009 7:16	8.04	45.602	29.25	8.63		4.4	0.686	88.3
1221	2/12/2009 7:31	7.99	45.615	29.25	8.63		4.4	0.669	88.1
1222	2/12/2009 7:46	7.96	45.611	29.25	8.61		4.2	0.63	87.9
1223	2/12/2009 8:01	7.92	45.647	29.27	8.57		4.4	0.642	87.4
1224	2/12/2009 8:16	7.89	45.689	29.3	8.34		3.7	0.69	85

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc	Turbidity+	Depthn		
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1225	2/12/2009 8:31	7.75	47.274	30.41	8.64		33.4	0.754	88.4
1226	2/12/2009 8:46	7.74	47.072	30.27	8.74		10.9	0.841	89.3
1227	2/12/2009 9:01	7.72	46.578	29.92	8.78		8.3	0.922	89.5
1228	2/12/2009 9:16	7.73	46.073	29.56	8.81		7.6	1.026	89.6
1229	2/12/2009 9:31	7.75	45.762	29.34	8.82		8.2	1.138	89.6
1230	2/12/2009 9:46	7.78	45.648	29.26	8.82		7	1.22	89.6
1231	2/12/2009 10:01	7.81	45.658	29.27	8.83		7.1	1.33	89.8
1232	2/12/2009 10:16	7.93	45.853	29.42	8.95		6.5	1.418	91.4
1233	2/12/2009 10:31	8.12	47.927	30.91	8.98		5.3	1.52	92.9
1234	2/12/2009 10:46	8.17	48.301	31.18	9.01		5.2	1.6	93.5
1235	2/12/2009 11:01	8.17	48.39	31.24	9.05		5.1	1.68	94
1236	2/12/2009 11:16	8.2	48.282	31.17	9.06		5.7	1.769	94.1
1237	2/12/2009 11:31	8.23	48.223	31.13	9.06		5.2	1.845	94.1
1238	2/12/2009 11:46	8.31	48.263	31.17	9.09		5.2	1.931	94.7
1239	2/12/2009 12:01	8.39	48.571	31.39	9.14		5.5	2.019	95.5
1240	2/12/2009 12:16	8.45	48.81	31.57	9.17		5.7	2.11	96
1241	2/12/2009 12:31	8.51	48.986	31.7	9.2		5.4	2.189	96.6
1242	2/12/2009 12:46	8.58	49.18	31.84	9.24		4.9	2.264	97.2
1243	2/12/2009 13:01	8.66	49.485	32.07	9.28		4.6	2.337	98
1244	2/12/2009 13:16	8.71	49.656	32.2	9.27		4.4	2.407	98
1245	2/12/2009 13:31	8.75	49.749	32.27	9.26		3.9	2.452	98.1
1246	2/12/2009 13:46	8.77	49.808	32.31	9.23		3.8	2.481	97.8
1247	2/12/2009 14:01	8.79	49.841	32.34	9.19		3.4	2.494	97.4
1248	2/12/2009 14:16	8.78	49.83	32.33	9.16		3.5	2.464	97.1
1249	2/12/2009 14:31	8.77	49.774	32.29	9.08		3.3	2.425	96.3
1250	2/12/2009 14:46	8.77	49.631	32.18	8.92		4.1	2.357	94.5
1251	2/12/2009 15:01	8.75	49.343	31.98	8.77		3.7	2.274	92.7
1252	2/12/2009 15:16	8.71	49.074	31.78	8.78		4	2.183	92.6
1253	2/12/2009 15:31	8.67	48.81	31.59	8.76		3.9	2.067	92.2
1254	2/12/2009 15:46	8.65	48.545	31.39	8.72		4.2	1.959	91.6
1255	2/12/2009 16:01	8.62	48.289	31.21	8.64		4.2	1.842	90.6
1256	2/12/2009 16:16	8.58	48.266	31.19	8.83		4.9	1.733	92.6
1257	2/12/2009 16:31	8.56	48.216	31.15	8.78		4.3	1.639	91.9
1258	2/12/2009 16:46	8.55	47.966	30.97	8.63		4	1.516	90.3
1259	2/12/2009 17:01	8.53	46.826	30.16	8.52		4.2	1.403	88.6
1260	2/12/2009 17:16	8.5	45.97	29.55	8.49		4.6	1.284	87.8
1261	2/12/2009 17:31	8.48	45.794	29.42	8.5		4.7	1.174	87.9
1262	2/12/2009 17:46	8.46	45.738	29.38	8.49		4.6	1.048	87.7
1263	2/12/2009 18:01	8.43	45.725	29.37	8.5		4.8	0.935	87.7
1264	2/12/2009 18:16	8.41	45.724	29.36	8.48		4.8	0.818	87.5
1265	2/12/2009 18:31	8.38	45.714	29.35	8.45		4.6	0.711	87.1
1266	2/12/2009 18:46	8.36	45.688	29.33	8.41		4.5	0.621	86.7
1267	2/12/2009 19:01	8.33	45.671	29.32	8.33		4.3	0.534	85.8
1268	2/12/2009 19:16	8.3	45.65	29.3	8.24		4	0.484	84.7
1269	2/12/2009 19:31	8.28	45.625	29.28	8.14		3.5	0.449	83.7
1270	2/12/2009 19:46	8.26	45.61	29.27	8.12		3.4	0.432	83.4
1271	2/12/2009 20:01	8.25	45.606	29.27	8.1		3.4	0.427	83.2
1272	2/12/2009 20:16	8.24	45.627	29.28	7.96		2.9	0.473	81.7
1273	2/12/2009 20:31	8.2	45.94	29.5	7.83		4.2	0.534	80.4

sonde #1		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1274	2/12/2009 20:46	8.14	45.936	29.49	8.68		5.2	0.601	89.1
1275	2/12/2009 21:01	8.15	45.782	29.38	8.96		5.9	0.699	91.9
1276	2/12/2009 21:16	8.16	45.527	29.2	8.97		5.6	0.784	91.9
1277	2/12/2009 21:31	8.14	44.739	28.65	8.98		6.2	0.893	91.6
1278	2/12/2009 21:46	8.15	44.82	28.7	9.05		6.5	1.002	92.4
1279	2/12/2009 22:01	8.16	44.819	28.7	9.08		6.4	1.099	92.7
1280	2/12/2009 22:16	8.16	44.78	28.68	9.07		5.9	1.197	92.6
1281	2/12/2009 22:31	8.15	44.674	28.6	9.12		5.9	1.303	93.1
1282	2/12/2009 22:46	8.19	45.348	29.08	9.17		5.5	1.398	93.9
1283	2/12/2009 23:01	8.23	46.695	30.04	9.27		5.5	1.5	95.6
1284	2/12/2009 23:16	8.23	46.943	30.22	9.29		5.4	1.602	95.9
1285	2/12/2009 23:31	8.27	47.202	30.4	9.28		5.4	1.699	96.1
1286	2/12/2009 23:46	8.36	47.701	30.77	9.26		5.7	1.797	96.3
1287	2/13/2009 0:01	8.42	47.881	30.9	9.29		5.9	1.912	96.8
1288	2/13/2009 0:16	8.47	48.17	31.11	9.3		5.9	2.012	97.1
1289	2/13/2009 0:31	8.53	48.529	31.37	9.29		5.4	2.124	97.4
1290	2/13/2009 0:46	8.62	48.893	31.64	9.28		5	2.225	97.6
1291	2/13/2009 1:01	8.69	49.277	31.92	9.29		4.5	2.328	98
1292	2/13/2009 1:16	8.72	49.465	32.06	9.29		4.5	2.437	98.2
1293	2/13/2009 1:31	8.75	49.594	32.16	9.27		4.3	2.509	98.1
1294	2/13/2009 1:46	8.79	49.782	32.29	9.23		3.8	2.588	97.8
1295	2/13/2009 2:01	8.81	49.879	32.37	9.19		3.6	2.642	97.6
1296	2/13/2009 2:16	8.82	49.964	32.43	9.11		3.3	2.686	96.8
1297	2/13/2009 2:31	8.83	50.006	32.46	9.07		3.4	2.707	96.3
1298	2/13/2009 2:46	8.83	50.017	32.47	9.03		3.2	2.707	95.9
1299	2/13/2009 3:01	8.82	49.986	32.44	9		3.2	2.676	95.6
1300	2/13/2009 3:16	8.81	49.886	32.37	8.91		2.9	2.62	94.6
1301	2/13/2009 3:31	8.72	49.722	32.25	8.83		3.2	2.539	93.5
1302	2/13/2009 3:46	8.56	49.389	31.99	8.9		4.2	2.445	93.7
1303	2/13/2009 4:01	8.39	48.875	31.61	8.96		4.6	2.34	93.8
1304	2/13/2009 4:16	8.34	48.718	31.49	8.94		4.4	2.224	93.4
1305	2/13/2009 4:31	8.29	48.536	31.36	8.93		4.5	2.114	93.1
1306	2/13/2009 4:46	8.22	48.15	31.08	8.93		4.5	1.997	92.8
1307	2/13/2009 5:01	8.17	47.944	30.93	8.94		4.6	1.884	92.7
1308	2/13/2009 5:16	8.15	47.709	30.76	8.91		4.3	1.755	92.2
1309	2/13/2009 5:31	8.16	47.365	30.51	8.89		4.3	1.644	91.8
1310	2/13/2009 5:46	8.13	47.012	30.26	8.85		4.3	1.542	91.2
1311	2/13/2009 6:01	8.1	46.325	29.77	8.8		4.1	1.423	90.4
1312	2/13/2009 6:16	8.06	45.453	29.14	8.68		4.4	1.299	88.7
1313	2/13/2009 6:31	8.03	45.145	28.92	8.63		4.3	1.205	88
1314	2/13/2009 6:46	7.98	45.016	28.83	8.61		4.3	1.096	87.7
1315	2/13/2009 7:01	7.94	44.977	28.8	8.61		4.3	1.004	87.5
1316	2/13/2009 7:16	7.89	44.965	28.79	8.6		4.3	0.884	87.3
1317	2/13/2009 7:31	7.85	44.965	28.78	8.58		4.3	0.777	87
1318	2/13/2009 7:46	7.82	44.959	28.78	8.57		4.2	0.717	86.8
1319	2/13/2009 8:01	7.78	44.962	28.78	8.53		4.4	0.662	86.5
1320	2/13/2009 8:16	7.74	44.966	28.77	8.5		4.3	0.6	86
1321	2/13/2009 8:31	7.71	44.97	28.78	8.48		4.2	0.591	85.8
1322	2/13/2009 8:46	7.68	44.977	28.78	8.4		4	0.621	84.9

sonde #1	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1323	2/13/2009 9:01	7.64	45.015	28.8	8.11		3.2	0.647	81.9
1324	2/13/2009 9:16	7.56	45.525	29.16	8.07		3.9	0.706	81.5
1325	2/13/2009 9:31	7.52	45.11	28.86	8.74		5.6	0.741	88.1
1326	2/13/2009 9:46	7.52	44.726	28.59	8.97		5.7	0.828	90.2
1327	2/13/2009 10:01	7.53	44.243	28.25	9.01		7.3	0.963	90.5
1328	2/13/2009 10:16	7.54	44.215	28.23	9.03		6.4	1.01	90.6
1329	2/13/2009 10:31	7.56	44.235	28.24	9.04		6.8	1.094	90.8
1330	2/13/2009 10:46	7.61	44.119	28.17	9.06		6.2	1.176	91.1
1331	2/13/2009 11:01	7.7	44.352	28.34	9.16		6.2	1.292	92.3
1332	2/13/2009 11:16	7.84	44.958	28.78	9.13		5.1	1.363	92.6
1333	2/13/2009 11:31	7.9	46.427	29.82	9.22		5.7	1.435	94.3
1334	2/13/2009 11:46	7.9	46.548	29.91	9.23		5.1	1.491	94.4
1335	2/13/2009 12:01	7.91	46.786	30.08	9.25		5.7	1.597	94.7
1336	2/13/2009 12:16	7.95	46.986	30.22	9.25		5.4	1.672	95
1337	2/13/2009 12:31	7.99	47.229	30.4	9.23		5.6	1.742	95
1338	2/13/2009 12:46	8.06	47.455	30.57	9.23		5.7	1.813	95.2
1339	2/13/2009 13:01	8.12	47.605	30.68	9.24		5.5	1.905	95.5
1340	2/13/2009 13:16	8.16	47.834	30.85	9.23		5.1	1.957	95.6
1341	2/13/2009 13:31	8.23	48.084	31.03	9.26		5.4	2.076	96.2
1342	2/13/2009 13:46	8.26	48.247	31.15	9.24		4.8	2.141	96.1
1343	2/13/2009 14:01	8.29	48.39	31.25	9.23		4.2	2.158	96.1
1344	2/13/2009 14:16	8.34	48.599	31.41	9.21		4.4	2.237	96.1
	Mean	9.34	49.19	31.91	8.46		2.16	1.57	90.56
	Minimum	7.52	44.12	28.17	5.84		0.10	0.14	63.30
	Maximum	10.98	51.23	33.37	9.83		33.40	3.01	105.70
	Standard Dev.	0.57	1.29	0.94	0.57		1.92	0.67	6.05

pH probe malfunction caused erroneous readings; the data were removed

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 #5	
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
0	2/13/2009 14:46	8.22	47.271	30.45	9.05			2.395	93.6
1	2/13/2009 15:01	8.24	47.305	30.48	9.04			2.399	93.6
2	2/13/2009 15:16	8.22	47.289	30.46	9.06		9.5	2.415	93.7
3	2/13/2009 15:31	8.25	47.264	30.45	9.04		5.9	2.352	93.5
4	2/13/2009 15:46	8.27	46.867	30.17	8.95		5.7	2.286	92.5
5	2/13/2009 16:01	8.22	46.309	29.76	8.72		8.1	2.209	89.8
6	2/13/2009 16:16	8.17	46.111	29.62	8.7		10.4	2.114	89.4
7	2/13/2009 16:31	8.11	46.104	29.61	8.85		19.5	2.007	90.8
8	2/13/2009 16:46	8.03	46.049	29.57	8.97		10.8	1.93	91.9
9	2/13/2009 17:01	8	45.935	29.48	8.96		8.2	1.853	91.7
10	2/13/2009 17:16	7.97	45.977	29.51	9.07		12.6	1.783	92.8
11	2/13/2009 17:31	7.95	45.889	29.45	9.01		7.6	1.735	92.1
12	2/13/2009 17:46	7.94	45.797	29.38	8.96		6.3	1.601	91.5
13	2/13/2009 18:01	7.91	45.708	29.31	8.94		6.5	1.486	91.1
14	2/13/2009 18:16	7.87	45.7	29.31	8.99		5.8	1.428	91.5
15	2/13/2009 18:31	7.83	45.448	29.12	9		5.6	1.322	91.5
16	2/13/2009 18:46	7.78	45.188	28.93	8.99		5.1	1.246	91.1
17	2/13/2009 19:01	7.72	44.989	28.79	9		4.7	1.159	91.1
18	2/13/2009 19:16	7.63	44.686	28.57	9.05		9	1.097	91.2
19	2/13/2009 19:31	7.56	44.374	28.34	9.04		8.2	1.031	90.8
20	2/13/2009 19:46	7.51	44.244	28.25	9.08		6.2	0.952	91.1
21	2/13/2009 20:01	7.49	44.22	28.23	9.01		4.4	0.897	90.3
22	2/13/2009 20:16	7.48	44.239	28.24	8.93		3.4	0.889	89.5
23	2/13/2009 20:31	7.48	44.206	28.22	8.87		3.5	0.881	88.9
24	2/13/2009 20:46	7.48	44.259	28.25	8.86		3	0.878	88.8
25	2/13/2009 21:01	7.47	44.273	28.26	8.84		2.9	0.906	88.6
26	2/13/2009 21:16	7.44	43.185	27.5	8.97		6.4	0.961	89.4
27	2/13/2009 21:31	7.41	42.437	26.97	9.1		7.9	1.038	90.3
28	2/13/2009 21:46	7.42	42.594	27.08	9.08		7.4	1.112	90.2
29	2/13/2009 22:01	7.43	42.231	26.83	9.15		7.7	1.192	90.8
30	2/13/2009 22:16	7.46	42.181	26.79	9.17		7.8	1.288	91
31	2/13/2009 22:31	7.49	42.455	26.99	9.19		6.8	1.38	91.4
32	2/13/2009 22:46	7.59	43.358	27.63	9.3		5.8	1.468	93.1
33	2/13/2009 23:01	7.66	44.082	28.14	9.28		5.3	1.544	93.4
34	2/13/2009 23:16	7.77	45.248	28.98	9.24		4.4	1.634	93.7
35	2/13/2009 23:31	7.77	45.791	29.36	9.23		4.9	1.721	93.8
36	2/13/2009 23:46	7.77	45.806	29.37	9.23		4.7	1.8	93.8
37	2/14/2009 0:01	7.8	45.892	29.43	9.22		5	1.897	93.9
38	2/14/2009 0:16	7.81	45.979	29.5	9.22		5.1	1.981	93.9
39	2/14/2009 0:31	7.87	46.07	29.57	9.21		5.5	2.101	94
40	2/14/2009 0:46	7.94	46.24	29.69	9.23		4.7	2.177	94.4
41	2/14/2009 1:01	8.03	46.565	29.93	9.22		4.3	2.279	94.7
42	2/14/2009 1:16	8.07	46.781	30.09	9.24		4.1	2.36	95
43	2/14/2009 1:31	8.13	47.022	30.26	9.24		3.9	2.453	95.3
44	2/14/2009 1:46	8.23	47.417	30.56	9.26		3.6	2.538	95.8
45	2/14/2009 2:01	8.31	47.757	30.8	9.28		3.5	2.623	96.4
46	2/14/2009 2:16	8.38	48.089	31.05	9.28		3.1	2.692	96.7
47	2/14/2009 2:31	8.42	48.213	31.14	9.27		3.1	2.723	96.7
48	2/14/2009 2:46	8.46	48.356	31.24	9.24		2.6	2.758	96.6

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	DO%
49	2/14/2009 3:01	8.48	48.422	31.29	9.23		2.6	2.785	96.5
50	2/14/2009 3:16	8.46	48.373	31.26	9.18		2.8	2.774	96
51	2/14/2009 3:31	8.45	48.308	31.21	9.14		2.4	2.748	95.5
52	2/14/2009 3:46	8.44	48.201	31.13	9.14		2.2	2.713	95.4
53	2/14/2009 4:01	8.34	47.88	30.89	9.06		2.4	2.643	94.2
54	2/14/2009 4:16	8.25	47.578	30.67	8.96		2.7	2.571	92.9
55	2/14/2009 4:31	8.15	47.158	30.36	8.97		2.7	2.466	92.6
56	2/14/2009 4:46	8.03	46.717	30.04	8.99		3.6	2.378	92.3
57	2/14/2009 5:01	7.95	46.387	29.8	8.98		3.7	2.282	91.9
58	2/14/2009 5:16	7.9	46.182	29.65	8.95		3.7	2.171	91.4
59	2/14/2009 5:31	7.85	46.017	29.53	8.94		3.9	2.064	91.2
60	2/14/2009 5:46	7.76	45.762	29.34	8.97		3.9	1.958	91.2
61	2/14/2009 6:01	7.69	45.42	29.09	8.99		4.2	1.86	91
62	2/14/2009 6:16	7.64	45.195	28.93	8.99		4	1.751	90.8
63	2/14/2009 6:31	7.62	44.916	28.73	8.97		3.6	1.648	90.5
64	2/14/2009 6:46	7.63	43.763	27.92	8.89		4	1.539	89.3
65	2/14/2009 7:01	7.62	42.938	27.34	8.8		4.6	1.441	88
66	2/14/2009 7:16	7.57	42.674	27.15	8.76		4.8	1.342	87.4
67	2/14/2009 7:31	7.53	42.623	27.11	8.77		4.8	1.222	87.4
68	2/14/2009 7:46	7.49	42.625	27.11	8.75		4.5	1.12	87.1
69	2/14/2009 8:01	7.45	42.62	27.1	8.76		4.8	1.019	87.1
70	2/14/2009 8:16	7.42	42.618	27.1	8.74		4.8	0.928	86.9
71	2/14/2009 8:31	7.39	42.62	27.1	8.73		4.7	0.869	86.7
72	2/14/2009 8:46	7.36	42.619	27.09	8.74		5.1	0.793	86.7
73	2/14/2009 9:01	7.33	42.623	27.09	8.74		5.1	0.754	86.7
74	2/14/2009 9:16	7.3	42.628	27.09	8.72		4.9	0.717	86.4
75	2/14/2009 9:31	7.27	42.634	27.1	8.69		4.9	0.727	86.1
76	2/14/2009 9:46	7.24	42.641	27.1	8.56		4	0.74	84.7
77	2/14/2009 10:01	7.23	42.644	27.1	8.37		3.4	0.781	82.8
78	2/14/2009 10:16	7.19	42.787	27.2	7.88		3.2	0.851	78
79	2/14/2009 10:31	7.19	43.494	27.69	9.06		5.3	0.902	89.9
80	2/14/2009 10:46	7.2	43.253	27.53	9.11		5.6	1.006	90.3
81	2/14/2009 11:01	7.21	43.091	27.41	9.08		5.7	1.084	90
82	2/14/2009 11:16	7.23	42.984	27.34	9.09		5.7	1.158	90.1
83	2/14/2009 11:31	7.25	42.941	27.31	9.08		5.4	1.239	90
84	2/14/2009 11:46	7.31	43.02	27.37	9.11		5.6	1.328	90.4
85	2/14/2009 12:01	7.38	43.108	27.44	9.15		5.2	1.397	91
86	2/14/2009 12:16	7.42	43.192	27.5	9.15		5.2	1.458	91.1
87	2/14/2009 12:31	7.48	43.669	27.84	9.18		5.1	1.53	91.8
88	2/14/2009 12:46	7.51	44.032	28.1	9.19		4.8	1.592	92.1
89	2/14/2009 13:01	7.53	44.239	28.24	9.21		5.2	1.66	92.5
90	2/14/2009 13:16	7.54	44.257	28.26	9.22		4.9	1.712	92.5
91	2/14/2009 13:31	7.55	44.283	28.28	9.2		4.9	1.788	92.5
92	2/14/2009 13:46	7.56	44.536	28.46	9.19		4.5	1.847	92.4
93	2/14/2009 14:01	7.6	45.364	29.04	9.15		4	1.898	92.5
94	2/14/2009 14:16	7.65	45.395	29.07	9.16		3.9	1.96	92.7
95	2/14/2009 14:31	7.67	45.374	29.06	9.14		3.9	2.004	92.6
96	2/14/2009 14:46	7.72	45.364	29.05	9.13		3.7	2.065	92.5
97	2/14/2009 15:01	7.75	45.381	29.07	9.11		3.5	2.091	92.4

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	DO%
98	2/14/2009 15:16	7.81	45.402	29.09	9.1		3.4	2.13	92.4
99	2/14/2009 15:31	7.83	45.439	29.12	9.07		3.1	2.151	92.2
100	2/14/2009 15:46	7.83	45.445	29.12	9.05		3.2	2.145	92
101	2/14/2009 16:01	7.84	45.4	29.09	8.99		2.9	2.143	91.3
102	2/14/2009 16:16	7.8	45.153	28.91	8.96		3.2	2.106	90.9
103	2/14/2009 16:31	7.78	45.009	28.81	8.9		3.2	2.06	90.2
104	2/14/2009 16:46	7.79	44.99	28.8	8.85		3	2.01	89.7
105	2/14/2009 17:01	7.76	44.718	28.6	8.92		3.4	1.936	90.2
106	2/14/2009 17:16	7.71	44.347	28.34	8.93		3.8	1.87	90.1
107	2/14/2009 17:31	7.68	44.105	28.16	8.93		4.1	1.797	89.9
108	2/14/2009 17:46	7.64	43.925	28.03	8.93		4.4	1.723	89.7
109	2/14/2009 18:01	7.59	43.749	27.91	8.93		4.6	1.657	89.6
110	2/14/2009 18:16	7.56	43.682	27.86	8.91		4.3	1.583	89.2
111	2/14/2009 18:31	7.55	43.651	27.83	8.88		4.3	1.509	88.9
112	2/14/2009 18:46	7.51	43.544	27.75	8.8		4.2	1.44	88
113	2/14/2009 19:01	7.48	43.318	27.59	8.71		3.9	1.378	86.9
114	2/14/2009 19:16	7.46	43.128	27.46	8.68		4	1.309	86.5
115	2/14/2009 19:31	7.42	43.055	27.4	8.67		4.2	1.239	86.3
116	2/14/2009 19:46	7.39	43.008	27.37	8.66		4	1.2	86.1
117	2/14/2009 20:01	7.36	42.981	27.35	8.63		3.9	1.15	85.8
118	2/14/2009 20:16	7.33	42.957	27.33	8.65		3.9	1.105	85.9
119	2/14/2009 20:31	7.3	42.907	27.29	8.68		3.8	1.089	86.1
120	2/14/2009 20:46	7.28	42.864	27.26	8.67		3.8	1.075	86
121	2/14/2009 21:01	7.25	42.812	27.22	8.71		4.2	1.075	86.3
122	2/14/2009 21:16	7.24	42.744	27.17	8.77		4.7	1.088	86.8
123	2/14/2009 21:31	7.23	42.659	27.11	8.86		4.5	1.134	87.7
124	2/14/2009 21:46	7.24	42.606	27.07	8.88		4.5	1.181	87.9
125	2/14/2009 22:01	7.26	42.579	27.06	8.93		4.6	1.232	88.4
126	2/14/2009 22:16	7.29	42.551	27.04	9.02		5	1.299	89.3
127	2/14/2009 22:31	7.34	42.567	27.05	9.03		4.8	1.384	89.5
128	2/14/2009 22:46	7.41	42.709	27.16	9.16		4.9	1.44	91
129	2/14/2009 23:01	7.5	42.986	27.36	9.22		5.1	1.512	92
130	2/14/2009 23:16	7.54	43.174	27.5	9.21		4.9	1.573	92
131	2/14/2009 23:31	7.55	43.667	27.84	9.21		4.6	1.652	92.3
132	2/14/2009 23:46	7.52	43.808	27.94	9.25		4.9	1.73	92.6
133	2/15/2009 0:01	7.53	43.823	27.95	9.23		4.6	1.793	92.5
134	2/15/2009 0:16	7.58	44.078	28.14	9.29		4.9	1.884	93.3
135	2/15/2009 0:31	7.66	44.377	28.35	9.3		4.5	1.968	93.7
136	2/15/2009 0:46	7.78	44.907	28.74	9.28		4.2	2.052	94
137	2/15/2009 1:01	7.87	45.374	29.07	9.29		4.1	2.135	94.5
138	2/15/2009 1:16	7.92	45.582	29.22	9.3		4	2.223	94.8
139	2/15/2009 1:31	8	45.873	29.44	9.3		4.3	2.319	95.1
140	2/15/2009 1:46	8.09	46.244	29.71	9.3		4	2.399	95.5
141	2/15/2009 2:01	8.15	46.479	29.88	9.29		3.8	2.477	95.6
142	2/15/2009 2:16	8.24	46.776	30.1	9.26		3.5	2.549	95.6
143	2/15/2009 2:31	8.31	47.061	30.31	9.23		3.2	2.617	95.6
144	2/15/2009 2:46	8.39	47.415	30.57	9.19		3.2	2.678	95.5
145	2/15/2009 3:01	8.42	47.561	30.67	9.16		3.1	2.715	95.4
146	2/15/2009 3:16	8.46	47.695	30.77	9.06		2.7	2.762	94.4

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	DO%
147	2/15/2009 3:31	8.47	47.738	30.8	9.03		2.5	2.78	94.2
148	2/15/2009 3:46	8.48	47.767	30.82	9.01		2.4	2.783	93.9
149	2/15/2009 4:01	8.47	47.75	30.81	9.01		2.3	2.776	94
150	2/15/2009 4:16	8.47	47.68	30.76	8.99		2.2	2.756	93.7
151	2/15/2009 4:31	8.45	47.518	30.64	8.89		2.1	2.713	92.6
152	2/15/2009 4:46	8.37	47.104	30.34	8.84		2	2.642	91.7
153	2/15/2009 5:01	8.3	46.886	30.18	8.81		2.3	2.596	91.1
154	2/15/2009 5:16	8.15	46.301	29.75	8.96		3.1	2.498	92.1
155	2/15/2009 5:31	8.02	45.686	29.31	9.01		3.4	2.415	92.1
156	2/15/2009 5:46	7.92	45.309	29.03	9.02		4.2	2.311	91.8
157	2/15/2009 6:01	7.86	45.13	28.9	9.01		3.8	2.228	91.5
158	2/15/2009 6:16	7.82	45.012	28.81	8.97		3.4	2.13	91
159	2/15/2009 6:31	7.8	44.608	28.53	8.93		3.4	2.027	90.3
160	2/15/2009 6:46	7.78	44.217	28.25	8.88		3.1	1.935	89.7
161	2/15/2009 7:01	7.74	43.895	28.02	8.83		3.2	1.828	88.9
162	2/15/2009 7:16	7.7	43.661	27.85	8.81		3.2	1.744	88.6
163	2/15/2009 7:31	7.66	43.41	27.67	8.76		3.1	1.64	87.8
164	2/15/2009 7:46	7.61	43.131	27.47	8.7		3.2	1.544	87.1
165	2/15/2009 8:01	7.57	42.974	27.36	8.63		3.2	1.458	86.2
166	2/15/2009 8:16	7.54	42.837	27.26	8.59		3.4	1.371	85.7
167	2/15/2009 8:31	7.51	42.753	27.2	8.55		3.2	1.272	85.2
168	2/15/2009 8:46	7.48	42.713	27.17	8.52		3.4	1.198	84.8
169	2/15/2009 9:01	7.46	42.681	27.14	8.5		3.4	1.108	84.5
170	2/15/2009 9:16	7.44	42.658	27.13	8.48		3.5	1.038	84.4
171	2/15/2009 9:31	7.41	42.644	27.11	8.48		3.4	0.968	84.3
172	2/15/2009 9:46	7.39	42.637	27.11	8.47		3.4	0.919	84.1
173	2/15/2009 10:01	7.36	42.638	27.11	8.37		3.5	0.895	83
174	2/15/2009 10:16	7.34	42.642	27.11	8.37		3.2	0.877	83
175	2/15/2009 10:31	7.33	42.646	27.11	8.25		3.1	0.877	81.8
176	2/15/2009 10:46	7.32	42.663	27.12	8.06		2.6	0.902	80
177	2/15/2009 11:01	7.31	42.717	27.16	7.94		2.4	0.942	78.7
178	2/15/2009 11:16	7.34	42.627	27.1	8.65		3.8	0.965	85.8
179	2/15/2009 11:31	7.35	42.301	26.87	8.64		4.5	1.035	85.6
180	2/15/2009 11:46	7.35	42.373	26.92	8.76		4.1	1.096	86.8
181	2/15/2009 12:01	7.32	42.198	26.8	8.99		5	1.149	89
182	2/15/2009 12:16	7.34	41.823	26.54	9.07		5	1.206	89.6
183	2/15/2009 12:31	7.4	41.558	26.35	9.07		4.9	1.257	89.6
184	2/15/2009 12:46	7.45	41.401	26.25	9.05		5.3	1.328	89.5
185	2/15/2009 13:01	7.49	41.516	26.33	9.09		4.9	1.394	90
186	2/15/2009 13:16	7.52	41.684	26.45	8.98		4.3	1.44	89.1
187	2/15/2009 13:31	7.56	42.15	26.78	9.14		4.1	1.514	91
188	2/15/2009 13:46	7.59	42.693	27.16	9.23		4.2	1.554	92.1
189	2/15/2009 14:01	7.6	43.109	27.46	9.24		4.2	1.603	92.4
190	2/15/2009 14:16	7.62	43.374	27.64	9.26		4.4	1.668	92.8
191	2/15/2009 14:31	7.68	43.503	27.74	9.27		4.3	1.712	93.1
192	2/15/2009 14:46	7.72	43.601	27.81	9.29		4.3	1.773	93.3
193	2/15/2009 15:01	7.74	43.68	27.87	9.26		4.2	1.81	93.2
194	2/15/2009 15:16	7.73	43.868	28	9.25		4	1.862	93.1
195	2/15/2009 15:31	7.72	44.111	28.17	9.21		3.7	1.92	92.8

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	DO%
196	2/15/2009 15:46	7.73	44.211	28.24	9.19		3.4	1.949	92.6
197	2/15/2009 16:01	7.74	44.25	28.27	9.13		3.3	1.966	92.1
198	2/15/2009 16:16	7.75	44.307	28.31	9.1		3.7	2.002	91.9
199	2/15/2009 16:31	7.77	44.37	28.36	9.03		3.1	2.03	91.2
200	2/15/2009 16:46	7.77	44.367	28.35	8.99		2.9	2.025	90.8
201	2/15/2009 17:01	7.78	44.378	28.36	8.96		3	2.027	90.5
202	2/15/2009 17:16	7.78	44.359	28.35	8.95		2.9	2.014	90.4
203	2/15/2009 17:31	7.79	44.249	28.27	8.87		2.7	1.958	89.6
204	2/15/2009 17:46	7.82	44.099	28.17	8.81		2.7	1.928	89
205	2/15/2009 18:01	7.86	43.754	27.93	8.82		3.4	1.89	89
206	2/15/2009 18:16	7.88	43.579	27.81	8.75		3.5	1.839	88.3
207	2/15/2009 18:31	7.88	43.511	27.76	8.72		3.2	1.782	88
208	2/15/2009 18:46	7.88	43.499	27.75	8.68		3.2	1.745	87.6
209	2/15/2009 19:01	7.87	43.382	27.67	8.62		3.1	1.685	86.8
210	2/15/2009 19:16	7.86	43.173	27.52	8.56		3.2	1.632	86.2
211	2/15/2009 19:31	7.85	42.905	27.33	8.54		3.5	1.59	85.8
212	2/15/2009 19:46	7.83	42.564	27.09	8.5		3.6	1.543	85.2
213	2/15/2009 20:01	7.82	42.384	26.96	8.43		3.7	1.515	84.5
214	2/15/2009 20:16	7.81	42.305	26.91	8.39		3.7	1.498	84
215	2/15/2009 20:31	7.8	42.12	26.78	8.36		3.9	1.454	83.6
216	2/15/2009 20:46	7.79	42.111	26.77	8.33		4	1.444	83.3
217	2/15/2009 21:01	7.78	42.095	26.76	8.32		4.2	1.426	83.2
218	2/15/2009 21:16	7.77	42.092	26.75	8.31		4	1.422	83
219	2/15/2009 21:31	7.76	42.098	26.76	8.27		4	1.419	82.7
220	2/15/2009 21:46	7.76	42.102	26.76	8.24		3.9	1.422	82.4
221	2/15/2009 22:01	7.76	42.12	26.77	8.17		3.8	1.441	81.7
222	2/15/2009 22:16	7.75	42.172	26.81	8		3.4	1.461	79.9
223	2/15/2009 22:31	7.75	42.342	26.93	7.72		2.7	1.504	77.2
224	2/15/2009 22:46	7.73	42.569	27.09	8.54		3.5	1.544	85.4
225	2/15/2009 23:01	7.72	42.722	27.19	8.87		3.7	1.584	88.8
226	2/15/2009 23:16	7.72	42.897	27.32	8.95		3.7	1.615	89.7
227	2/15/2009 23:31	7.74	43.183	27.52	9.09		4	1.68	91.2
228	2/15/2009 23:46	7.76	43.182	27.52	9.21		4.2	1.734	92.5
229	2/16/2009 0:01	7.78	43.181	27.52	9.18		4.2	1.791	92.2
230	2/16/2009 0:16	7.79	43.166	27.51	9.12		4	1.868	91.6
231	2/16/2009 0:31	7.83	43.221	27.55	9.24		4.3	1.937	92.9
232	2/16/2009 0:46	7.84	43.324	27.62	9.26		4.8	2.011	93.3
233	2/16/2009 1:01	7.82	43.393	27.67	9.26		4.7	2.073	93.2
234	2/16/2009 1:16	7.83	43.567	27.79	9.3		4.8	2.164	93.7
235	2/16/2009 1:31	7.92	43.685	27.88	9.3		4.7	2.231	93.9
236	2/16/2009 1:46	7.95	43.766	27.94	9.27		4.5	2.309	93.7
237	2/16/2009 2:01	8.01	43.809	27.98	9.24		4.2	2.375	93.6
238	2/16/2009 2:16	8.08	44.073	28.17	9.21		3.9	2.442	93.6
239	2/16/2009 2:31	8.19	44.689	28.61	9.17		3.5	2.511	93.7
240	2/16/2009 2:46	8.26	45.165	28.96	9.11		3.1	2.563	93.5
241	2/16/2009 3:01	8.38	45.826	29.43	9.05		2.7	2.635	93.4
242	2/16/2009 3:16	8.49	46.406	29.85	8.95		2.4	2.673	92.7
243	2/16/2009 3:31	8.54	46.842	30.17	8.93		2.2	2.713	92.8
244	2/16/2009 3:46	8.56	46.933	30.24	8.89		2	2.735	92.5

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #5		
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
245	2/16/2009 4:01	8.56	46.949	30.25	8.86		2	2.74	92.2
246	2/16/2009 4:16	8.57	46.958	30.25	8.83		1.7	2.741	92
247	2/16/2009 4:31	8.57	46.949	30.25	8.79		1.9	2.74	91.5
248	2/16/2009 4:46	8.57	46.893	30.21	8.73		1.8	2.721	90.8
249	2/16/2009 5:01	8.53	46.369	29.83	8.56		1.5	2.671	88.8
250	2/16/2009 5:16	8.37	45.849	29.45	8.46		2.3	2.634	87.2
251	2/16/2009 5:31	8.25	45.08	28.9	8.52		2.4	2.55	87.3
252	2/16/2009 5:46	8.18	44.602	28.55	8.54		2.5	2.485	87.1
253	2/16/2009 6:01	8.14	44.132	28.22	8.56		2.8	2.414	87.1
254	2/16/2009 6:16	8.11	43.837	28.01	8.66		3.1	2.323	88
255	2/16/2009 6:31	8.09	43.755	27.95	8.68		3.2	2.261	88
256	2/16/2009 6:46	8.05	43.63	27.86	8.63		3.1	2.18	87.4
257	2/16/2009 7:01	8.02	43.484	27.75	8.61		3.2	2.1	87.2
258	2/16/2009 7:16	8	43.354	27.66	8.6		3.1	2.018	86.9
259	2/16/2009 7:31	7.98	43.247	27.58	8.55		3	1.93	86.3
260	2/16/2009 7:46	7.98	43.208	27.55	8.56		2.9	1.855	86.4
261	2/16/2009 8:01	7.97	43.172	27.53	8.5		2.9	1.771	85.8
262	2/16/2009 8:16	7.96	43.12	27.49	8.42		2.8	1.688	84.9
263	2/16/2009 8:31	7.93	42.859	27.3	8.19		2.4	1.573	82.5
264	2/16/2009 8:46	7.91	42.515	27.06	7.74		2.6	1.501	77.8
265	2/16/2009 9:01	7.89	42.29	26.9	7.65		2.9	1.441	76.8
266	2/16/2009 9:16	7.85	42.109	26.77	8.09		3.5	1.326	81
267	2/16/2009 9:31	7.83	42.071	26.74	8.21		3.5	1.269	82.1
268	2/16/2009 9:46	7.81	42.074	26.75	8.21		3.5	1.188	82.2
269	2/16/2009 10:01	7.8	42.069	26.74	8.25		3.5	1.104	82.5
270	2/16/2009 10:16	7.79	42.067	26.74	8.23		3.6	1.059	82.3
271	2/16/2009 10:31	7.78	42.064	26.74	8.25		3.5	0.983	82.4
272	2/16/2009 10:46	7.77	42.063	26.74	8.23		3.6	0.968	82.3
273	2/16/2009 11:01	7.77	42.061	26.73	8.25		3.7	0.918	82.5
274	2/16/2009 11:16	7.77	42.065	26.74	8.23		3.6	0.908	82.2
275	2/16/2009 11:31	7.77	42.063	26.74	8.21		3.5	0.924	82
276	2/16/2009 11:46	7.77	42.107	26.77	7.91		3.1	0.946	79.1
277	2/16/2009 12:01	7.75	42.259	26.87	7.88		3.1	0.973	78.8
278	2/16/2009 12:16	7.74	42.446	27	8.06		2.9	0.98	80.6
279	2/16/2009 12:31	7.72	42.85	27.28	8.56		4.2	1.061	85.7
280	2/16/2009 12:46	7.73	42.67	27.16	8.79		4.1	1.062	88
281	2/16/2009 13:01	7.74	42.576	27.09	8.8		3.9	1.103	88
282	2/16/2009 13:16	7.74	42.498	27.04	8.8		3.9	1.166	88
283	2/16/2009 13:31	7.74	42.447	27	8.8		3.8	1.209	88.1
284	2/16/2009 13:46	7.77	42.313	26.91	8.78		3.9	1.304	87.8
285	2/16/2009 14:01	7.77	42.31	26.91	8.7		3.7	1.331	87
286	2/16/2009 14:16	7.79	42.32	26.92	8.65		3.7	1.405	86.6
287	2/16/2009 14:31	7.8	42.337	26.93	8.65		3.4	1.42	86.6
288	2/16/2009 14:46	7.84	42.358	26.95	8.73		3.4	1.49	87.5
289	2/16/2009 15:01	7.86	42.381	26.96	8.78		3.4	1.535	88
290	2/16/2009 15:16	7.88	42.409	26.99	8.76		3.2	1.581	87.9
291	2/16/2009 15:31	7.91	42.498	27.05	8.87		3.4	1.642	89.2
292	2/16/2009 15:46	7.92	42.624	27.14	8.86		3.7	1.693	89.1
293	2/16/2009 16:01	7.93	42.727	27.21	8.86		3.6	1.723	89.1

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	DO%
294	2/16/2009 16:16	7.95	42.909	27.34	8.88		3.2	1.756	89.4
295	2/16/2009 16:31	7.97	43.057	27.45	8.8		2.8	1.815	88.8
296	2/16/2009 16:46	8.01	43.339	27.65	8.74		2.8	1.86	88.3
297	2/16/2009 17:01	8.03	43.447	27.73	8.68		2.7	1.895	87.8
298	2/16/2009 17:16	8.03	43.48	27.75	8.66		2.6	1.913	87.7
299	2/16/2009 17:31	8.05	43.538	27.79	8.58		2.9	1.946	86.9
300	2/16/2009 17:46	8.05	43.613	27.84	8.54		2.4	1.962	86.5
301	2/16/2009 18:01	8.05	43.584	27.82	8.5		2.4	1.937	86.1
302	2/16/2009 18:16	8.05	43.574	27.82	8.48		2.3	1.934	85.9
303	2/16/2009 18:31	8.05	43.545	27.8	8.41		2.3	1.928	85.2
304	2/16/2009 18:46	8.05	43.466	27.74	8.28		2.1	1.916	83.8
305	2/16/2009 19:01	8.05	43.402	27.7	8.2		2.1	1.881	83
306	2/16/2009 19:16	8.04	43.164	27.53	8.13		2.2	1.853	82.1
307	2/16/2009 19:31	8.01	42.801	27.27	8.23		2.7	1.825	83
308	2/16/2009 19:46	8	42.625	27.15	8.22		2.7	1.793	82.8
309	2/16/2009 20:01	7.99	42.587	27.12	8.15		2.5	1.761	82.1
310	2/16/2009 20:16	7.99	42.571	27.11	8.11		2.6	1.719	81.7
311	2/16/2009 20:31	7.98	42.548	27.09	8.08		2.4	1.703	81.3
312	2/16/2009 20:46	7.98	42.526	27.07	8.06		2.5	1.679	81.1
313	2/16/2009 21:01	7.96	42.48	27.04	8.01		2.6	1.645	80.5
314	2/16/2009 21:16	7.94	42.456	27.02	7.97		2.5	1.621	80.1
315	2/16/2009 21:31	7.93	42.446	27.02	7.92		2.6	1.612	79.6
316	2/16/2009 21:46	7.92	42.426	27	7.89		2.6	1.594	79.3
317	2/16/2009 22:01	7.92	42.441	27.01	7.84		2.6	1.602	78.7
318	2/16/2009 22:16	7.91	42.439	27.01	7.81		2.6	1.605	78.4
319	2/16/2009 22:31	7.91	42.436	27.01	7.85		2.6	1.62	78.8
320	2/16/2009 22:46	7.9	42.447	27.01	7.7		2.4	1.641	77.4
321	2/16/2009 23:01	7.9	42.451	27.02	7.67		2.3	1.646	77
322	2/16/2009 23:16	7.9	42.453	27.02	7.67		2.3	1.675	77
323	2/16/2009 23:31	7.89	42.462	27.02	7.59		2.1	1.704	76.2
324	2/16/2009 23:46	7.88	42.473	27.03	7.56		2.1	1.73	75.9
325	2/17/2009 0:01	7.88	42.563	27.09	8.15		2.5	1.779	81.9
326	2/17/2009 0:16	7.9	42.688	27.18	8.37		2.4	1.819	84.1
327	2/17/2009 0:31	7.95	43.001	27.41	8.53		2.5	1.866	85.9
328	2/17/2009 0:46	8.02	43.616	27.84	8.73		2.6	1.922	88.4
329	2/17/2009 1:01	8.05	43.765	27.95	8.83		3.2	1.965	89.5
330	2/17/2009 1:16	8.05	43.744	27.94	8.88		3	2.009	90
331	2/17/2009 1:31	8.05	43.741	27.93	8.84		2.9	2.084	89.6
332	2/17/2009 1:46	8.07	43.766	27.95	8.81		2.7	2.134	89.3
333	2/17/2009 2:01	8.1	43.852	28.02	8.77		2.7	2.171	89
334	2/17/2009 2:16	8.21	44.454	28.45	8.83		2.5	2.245	90.2
335	2/17/2009 2:31	8.3	44.898	28.77	8.89		2.4	2.309	91.2
336	2/17/2009 2:46	8.33	45.054	28.88	8.88		2.3	2.342	91.1
337	2/17/2009 3:01	8.35	45.213	29	8.87		2.4	2.39	91.1
338	2/17/2009 3:16	8.35	45.247	29.02	8.89		2.6	2.455	91.4
339	2/17/2009 3:31	8.34	45.256	29.03	8.86		2.4	2.491	91.1
340	2/17/2009 3:46	8.33	45.219	29	8.83		2.3	2.532	90.7
341	2/17/2009 4:01	8.33	45.208	28.99	8.78		2.1	2.55	90.2
342	2/17/2009 4:16	8.33	45.143	28.94	8.74		2.1	2.603	89.7

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
343	2/17/2009 4:31	8.32	45.148	28.95	8.63		2	2.614	88.6
344	2/17/2009 4:46	8.32	45.148	28.95	8.53		1.9	2.634	87.5
345	2/17/2009 5:01	8.3	45.105	28.92	8.44		1.7	2.647	86.5
346	2/17/2009 5:16	8.3	45.1	28.91	8.33		1.5	2.63	85.4
347	2/17/2009 5:31	8.3	45.097	28.91	8.23		1.5	2.614	84.5
348	2/17/2009 5:46	8.24	44.971	28.82	8.22		1.6	2.589	84.2
349	2/17/2009 6:01	8.12	44.809	28.69	8.29		1.8	2.529	84.6
350	2/17/2009 6:16	7.98	44.319	28.34	8.43		2.2	2.494	85.5
351	2/17/2009 6:31	7.87	43.828	27.98	8.47		2.4	2.45	85.5
352	2/17/2009 6:46	7.85	43.756	27.93	8.4		2.2	2.37	84.8
353	2/17/2009 7:01	7.84	43.726	27.91	8.34		2.3	2.312	84.1
354	2/17/2009 7:16	7.83	43.733	27.91	8.27		2.1	2.243	83.4
355	2/17/2009 7:31	7.85	43.741	27.92	8.21		2.2	2.174	82.8
356	2/17/2009 7:46	7.86	43.744	27.92	8.19		2.1	2.104	82.6
357	2/17/2009 8:01	7.86	43.728	27.91	8.15		2.1	2.025	82.2
358	2/17/2009 8:16	7.88	43.555	27.79	8.02		2	1.949	80.9
359	2/17/2009 8:31	7.88	42.898	27.33	7.66		1.8	1.876	77
360	2/17/2009 8:46	7.87	42.61	27.13	7.35		2	1.794	73.8
361	2/17/2009 9:01	7.86	42.544	27.08	7.28		2	1.716	73
362	2/17/2009 9:16	7.86	42.452	27.01	7.28		2.4	1.633	73
363	2/17/2009 9:31	7.86	42.398	26.98	7.53		2.8	1.555	75.6
364	2/17/2009 9:46	7.86	42.37	26.96	7.77		2.9	1.479	78
365	2/17/2009 10:01	7.87	42.325	26.93	7.85		2.7	1.391	78.8
366	2/17/2009 10:16	7.87	42.351	26.94	7.87		2.7	1.312	78.9
367	2/17/2009 10:31	7.88	42.344	26.94	7.85		2.7	1.243	78.8
368	2/17/2009 10:46	7.89	42.334	26.93	7.87		2.7	1.185	78.9
369	2/17/2009 11:01	7.9	42.287	26.9	7.88		2.9	1.093	79.1
370	2/17/2009 11:16	7.92	42.23	26.86	7.94		3	1.04	79.7
371	2/17/2009 11:31	7.93	42.179	26.83	7.95		3.1	1.006	79.7
372	2/17/2009 11:46	7.94	42.113	26.78	8.08		3.2	0.952	81.1
373	2/17/2009 12:01	7.95	42.092	26.77	8.13		3.3	0.924	81.6
374	2/17/2009 12:16	7.96	42.083	26.76	8.12		3.2	0.915	81.5
375	2/17/2009 12:31	7.98	42.088	26.77	8.08		3.2	0.918	81.1
376	2/17/2009 12:46	8	42.088	26.77	8		3.2	0.923	80.4
377	2/17/2009 13:01	8.01	42.095	26.77	7.94		3	0.944	79.8
378	2/17/2009 13:16	8.03	42.117	26.79	7.44		2.6	0.965	74.8
379	2/17/2009 13:31	8.07	42.176	26.84	6.94		2	1.01	69.9
380	2/17/2009 13:46	8.15	42.391	26.99	7.75		2	1.043	78.3
381	2/17/2009 14:01	8.2	42.711	27.22	8.51		2.3	1.087	86.2
382	2/17/2009 14:16	8.19	42.77	27.26	8.74		2.1	1.135	88.5
383	2/17/2009 14:31	8.17	42.767	27.26	8.71		2.1	1.181	88.1
384	2/17/2009 14:46	8.15	42.755	27.25	8.68		2	1.228	87.8
385	2/17/2009 15:01	8.12	42.743	27.24	8.61		2	1.277	87
386	2/17/2009 15:16	8.11	42.75	27.24	8.59		2	1.323	86.8
387	2/17/2009 15:31	8.09	42.725	27.22	8.57		1.9	1.378	86.5
388	2/17/2009 15:46	8.08	42.738	27.23	8.53		1.9	1.418	86.1
389	2/17/2009 16:01	8.06	42.748	27.24	8.52		1.8	1.457	86
390	2/17/2009 16:16	8.04	42.772	27.25	8.53		2.1	1.507	86.1
391	2/17/2009 16:31	8.06	42.779	27.26	8.58		2.3	1.556	86.6

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	Depthn meters	DO%
392	2/17/2009 16:46	8.09	42.793	27.27	8.62		2	1.602	87.1
393	2/17/2009 17:01	8.11	42.802	27.28	8.61		2	1.641	87
394	2/17/2009 17:16	8.16	42.896	27.35	8.66		2.2	1.693	87.7
395	2/17/2009 17:31	8.2	42.997	27.42	8.67		2.4	1.73	87.9
396	2/17/2009 17:46	8.24	43.092	27.49	8.71		2.3	1.778	88.4
397	2/17/2009 18:01	8.27	43.151	27.53	8.67		2.1	1.816	88.1
398	2/17/2009 18:16	8.28	43.228	27.59	8.56		1.9	1.844	87
399	2/17/2009 18:31	8.31	43.431	27.73	8.54		2	1.887	87
400	2/17/2009 18:46	8.31	43.508	27.79	8.52		1.8	1.906	86.8
401	2/17/2009 19:01	8.31	43.557	27.82	8.37		1.7	1.923	85.3
402	2/17/2009 19:16	8.31	43.479	27.77	8.44		1.8	1.935	85.9
403	2/17/2009 19:31	8.31	43.358	27.68	8.38		1.6	1.948	85.3
404	2/17/2009 19:46	8.31	43.285	27.63	8.25		1.4	1.952	84
405	2/17/2009 20:01	8.3	43.249	27.61	8.13		1.3	1.938	82.7
406	2/17/2009 20:16	8.3	43.234	27.59	8.05		1.2	1.923	81.9
407	2/17/2009 20:31	8.29	43.215	27.58	8.11		1.2	1.903	82.4
408	2/17/2009 20:46	8.29	43.204	27.57	8.06		1.2	1.896	81.9
409	2/17/2009 21:01	8.33	43.117	27.51	8.05		1.3	1.863	81.9
410	2/17/2009 21:16	8.37	43.086	27.5	7.95		1.3	1.84	81
411	2/17/2009 21:31	8.44	43.006	27.44	7.85		1.7	1.812	80
412	2/17/2009 21:46	8.47	42.945	27.4	7.81		1.5	1.794	79.7
413	2/17/2009 22:01	8.49	42.909	27.38	7.76		1.5	1.769	79.2
414	2/17/2009 22:16	8.5	42.879	27.36	7.76		1.5	1.757	79.2
415	2/17/2009 22:31	8.51	42.852	27.34	7.73		1.3	1.754	78.9
416	2/17/2009 22:46	8.51	42.846	27.34	7.68		1.3	1.738	78.4
417	2/17/2009 23:01	8.51	42.837	27.33	7.61		1.2	1.738	77.7
418	2/17/2009 23:16	8.52	42.808	27.31	7.54		1.3	1.743	76.9
419	2/17/2009 23:31	8.54	42.78	27.29	7.6		1.3	1.762	77.6
420	2/17/2009 23:46	8.55	42.742	27.27	7.66		1.2	1.761	78.2
421	2/18/2009 0:01	8.56	42.736	27.26	7.62		1.2	1.769	77.8
422	2/18/2009 0:16	8.57	42.724	27.25	7.65		1.2	1.803	78.1
423	2/18/2009 0:31	8.56	42.721	27.25	7.77		1.2	1.824	79.3
424	2/18/2009 0:46	8.55	42.724	27.25	7.65		1.2	1.85	78.1
425	2/18/2009 1:01	8.52	42.735	27.26	7.7		1.3	1.884	78.6
426	2/18/2009 1:16	8.49	42.748	27.27	7.7		1.5	1.909	78.5
427	2/18/2009 1:31	8.45	42.783	27.29	8.01		1.6	1.955	81.6
428	2/18/2009 1:46	8.4	42.921	27.38	8.24		1.4	1.99	83.8
429	2/18/2009 2:01	8.35	43.334	27.67	8.43		1.6	2.027	85.9
430	2/18/2009 2:16	8.34	43.9	28.07	8.61		1.8	2.077	87.9
431	2/18/2009 2:31	8.34	44.142	28.24	8.64		2	2.123	88.4
432	2/18/2009 2:46	8.35	44.205	28.28	8.72		2.1	2.173	89.2
433	2/18/2009 3:01	8.36	44.21	28.29	8.67		2	2.215	88.8
434	2/18/2009 3:16	8.39	44.24	28.31	8.7		2	2.267	89.1
435	2/18/2009 3:31	8.44	44.484	28.49	8.75		1.7	2.314	89.8
436	2/18/2009 3:46	8.51	44.943	28.82	8.72		1.6	2.363	89.8
437	2/18/2009 4:01	8.58	45.261	29.05	8.73		2	2.416	90.3
438	2/18/2009 4:16	8.59	45.309	29.08	8.74		1.9	2.465	90.4
439	2/18/2009 4:31	8.61	45.349	29.11	8.73		1.8	2.51	90.3
440	2/18/2009 4:46	8.63	45.381	29.14	8.69		1.8	2.55	90

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
441	2/18/2009 5:01	8.63	45.413	29.16	8.61		1.7	2.564	89.2
442	2/18/2009 5:16	8.65	45.456	29.19	8.6		1.5	2.609	89.1
443	2/18/2009 5:31	8.65	45.407	29.16	8.62		1.5	2.627	89.3
444	2/18/2009 5:46	8.61	45.334	29.1	8.48		1.4	2.636	87.8
445	2/18/2009 6:01	8.62	45.262	29.05	8.41		1.2	2.638	87
446	2/18/2009 6:16	8.62	45.25	29.04	8.33		1.2	2.632	86.1
447	2/18/2009 6:31	8.62	45.242	29.04	8.2		1.1	2.625	84.8
448	2/18/2009 6:46	8.6	45.241	29.03	8.1		1	2.594	83.7
449	2/18/2009 7:01	8.53	45.182	28.99	8.08		1	2.547	83.4
450	2/18/2009 7:16	8.39	44.912	28.79	8.18		1.3	2.517	84.1
451	2/18/2009 7:31	8.29	44.496	28.48	8.27		1.6	2.473	84.6
452	2/18/2009 7:46	8.22	44.184	28.26	8.28		1.7	2.409	84.4
453	2/18/2009 8:01	8.2	44.13	28.22	8.21		1.6	2.354	83.7
454	2/18/2009 8:16	8.19	44.053	28.16	8.2		1.6	2.289	83.5
455	2/18/2009 8:31	8.18	44.037	28.15	8.12		1.5	2.219	82.7
456	2/18/2009 8:46	8.18	44.007	28.13	8.05		1.5	2.148	81.9
457	2/18/2009 9:01	8.17	43.66	27.89	7.79		1.4	2.07	79.2
458	2/18/2009 9:16	8.16	42.993	27.42	7.4		1.5	1.991	75
459	2/18/2009 9:31	8.16	42.828	27.3	7.29		1.6	1.929	73.8
460	2/18/2009 9:46	8.17	42.775	27.26	7.3		1.6	1.842	73.8
461	2/18/2009 10:01	8.19	42.757	27.25	7.32		1.6	1.752	74.2
462	2/18/2009 10:16	8.22	42.748	27.25	7.39		1.6	1.679	74.9
463	2/18/2009 10:31	8.25	42.74	27.24	7.48		1.6	1.597	75.9
464	2/18/2009 10:46	8.27	42.728	27.24	7.56		1.6	1.498	76.7
465	2/18/2009 11:01	8.31	42.713	27.23	7.61		1.7	1.406	77.2
466	2/18/2009 11:16	8.34	42.699	27.22	7.59		1.6	1.327	77.1
467	2/18/2009 11:31	8.37	42.646	27.19	7.58		1.7	1.246	77
468	2/18/2009 11:46	8.4	42.461	27.06	7.5		2	1.156	76.2
469	2/18/2009 12:01	8.44	42.244	26.91	7.52		2.4	1.082	76.3
470	2/18/2009 12:16	8.46	42.097	26.81	7.88		2.9	0.994	80
471	2/18/2009 12:31	8.49	42.07	26.79	7.91		3	0.964	80.3
472	2/18/2009 12:46	8.55	42.044	26.78	7.92		2.9	0.902	80.6
473	2/18/2009 13:01	8.58	42.036	26.77	7.97		2.9	0.885	81.2
474	2/18/2009 13:16	8.61	42.038	26.77	7.93		2.9	0.868	80.8
475	2/18/2009 13:31	8.69	42.033	26.78	7.88		2.7	0.841	80.4
476	2/18/2009 13:46	8.7	42.029	26.77	7.83		2.8	0.882	79.9
477	2/18/2009 14:01	8.75	42.019	26.77	7.82		2.7	0.866	79.9
478	2/18/2009 14:16	8.77	42.026	26.78	7.58		2.5	0.893	77.5
479	2/18/2009 14:31	8.84	42.087	26.82	6.65		1.5	0.939	68.2
480	2/18/2009 14:46	8.89	42.182	26.89	6.85		1.5	0.968	70.3
481	2/18/2009 15:01	8.94	42.431	27.07	8.41		1.6	0.995	86.5
482	2/18/2009 15:16	8.89	42.603	27.19	8.79		1.6	1.044	90.4
483	2/18/2009 15:31	8.85	42.598	27.18	8.8		1.5	1.101	90.4
484	2/18/2009 15:46	8.76	42.623	27.2	8.75		1.4	1.136	89.7
485	2/18/2009 16:01	8.7	42.617	27.19	8.81		1.4	1.174	90.2
486	2/18/2009 16:16	8.62	42.629	27.19	8.85		1.4	1.234	90.4
487	2/18/2009 16:31	8.61	42.615	27.18	8.88		1.5	1.267	90.7
488	2/18/2009 16:46	8.6	42.605	27.17	8.84		1.5	1.336	90.3
489	2/18/2009 17:01	8.58	42.598	27.17	8.85		1.5	1.379	90.3

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	DO%
490	2/18/2009 17:16	8.56	42.615	27.18	8.63		1.6	1.437	88
491	2/18/2009 17:31	8.54	42.706	27.24	8.81		1.9	1.514	89.9
492	2/18/2009 17:46	8.56	42.718	27.25	8.84		1.9	1.553	90.3
493	2/18/2009 18:01	8.59	42.744	27.27	8.87		1.7	1.632	90.6
494	2/18/2009 18:16	8.61	42.829	27.33	8.89		2.1	1.676	90.9
495	2/18/2009 18:31	8.61	42.895	27.38	8.89		2.3	1.731	91
496	2/18/2009 18:46	8.62	42.892	27.38	8.95		2.3	1.791	91.6
497	2/18/2009 19:01	8.64	42.879	27.37	8.92		2.1	1.837	91.3
498	2/18/2009 19:16	8.64	42.875	27.37	8.88		2	1.863	90.9
499	2/18/2009 19:31	8.65	42.889	27.38	8.7		1.8	1.917	89.1
500	2/18/2009 19:46	8.64	43.006	27.46	8.71		1.6	1.956	89.2
501	2/18/2009 20:01	8.62	43.127	27.54	8.69		1.6	1.984	89.1
502	2/18/2009 20:16	8.59	43.346	27.69	8.64		1.5	2.029	88.5
503	2/18/2009 20:31	8.58	43.382	27.72	8.58		1.2	2.04	87.9
504	2/18/2009 20:46	8.57	43.428	27.75	8.51		1.2	2.052	87.2
505	2/18/2009 21:01	8.56	43.441	27.76	8.5		1.2	2.057	87.1
506	2/18/2009 21:16	8.56	43.454	27.77	8.35		1.2	2.056	85.5
507	2/18/2009 21:31	8.56	43.442	27.76	8.38		1.1	2.055	85.9
508	2/18/2009 21:46	8.56	43.411	27.74	8.39		1.1	2.03	85.9
509	2/18/2009 22:01	8.55	43.321	27.67	8.36		1	2.003	85.6
510	2/18/2009 22:16	8.55	43.211	27.6	8.23		1	1.983	84.2
511	2/18/2009 22:31	8.55	43.056	27.49	8.1		1	1.949	82.8
512	2/18/2009 22:46	8.56	43.013	27.46	8.06		1.1	1.928	82.4
513	2/18/2009 23:01	8.58	42.955	27.42	8.09		1.3	1.898	82.8
514	2/18/2009 23:16	8.61	42.911	27.39	8.24		1.5	1.865	84.3
515	2/18/2009 23:31	8.62	42.9	27.38	8.18		1.5	1.852	83.7
516	2/18/2009 23:46	8.63	42.892	27.38	8.14		1.6	1.834	83.3
517	2/19/2009 0:01	8.65	42.88	27.37	8.11		1.6	1.813	83
518	2/19/2009 0:16	8.65	42.879	27.37	8.07		1.6	1.812	82.6
519	2/19/2009 0:31	8.65	42.875	27.37	8.04		1.6	1.808	82.4
520	2/19/2009 0:46	8.65	42.877	27.37	8.01		1.5	1.805	82
521	2/19/2009 1:01	8.66	42.876	27.37	7.98		1.6	1.811	81.8
522	2/19/2009 1:16	8.67	42.868	27.36	7.9		1.3	1.841	80.9
523	2/19/2009 1:31	8.67	42.864	27.36	7.84		1.4	1.834	80.3
524	2/19/2009 1:46	8.67	42.864	27.36	7.78		1.3	1.856	79.7
525	2/19/2009 2:01	8.67	42.864	27.36	7.73		1.3	1.871	79.2
526	2/19/2009 2:16	8.66	42.872	27.36	7.56		1	1.91	77.4
527	2/19/2009 2:31	8.64	42.891	27.38	7.67		0.9	1.923	78.5
528	2/19/2009 2:46	8.63	42.929	27.4	7.88		0.7	1.952	80.7
529	2/19/2009 3:01	8.61	43.048	27.49	8.01		0.7	1.984	82
530	2/19/2009 3:16	8.58	43.291	27.65	8.48		1.1	2.03	86.9
531	2/19/2009 3:31	8.58	43.354	27.7	8.51		1	2.063	87.1
532	2/19/2009 3:46	8.58	43.641	27.9	8.56		1.2	2.107	87.8
533	2/19/2009 4:01	8.61	44.04	28.19	8.64		1.4	2.168	88.9
534	2/19/2009 4:16	8.62	44.135	28.25	8.71		1.5	2.213	89.6
535	2/19/2009 4:31	8.65	44.197	28.3	8.76		1.5	2.274	90.2
536	2/19/2009 4:46	8.68	44.275	28.36	8.76		1.5	2.322	90.4
537	2/19/2009 5:01	8.71	44.355	28.41	8.79		1.4	2.365	90.8
538	2/19/2009 5:16	8.77	44.446	28.48	8.75		1.2	2.418	90.5

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	DO%
539	2/19/2009 5:31	8.86	44.771	28.72	8.71		1.1	2.461	90.4
540	2/19/2009 5:46	8.91	45.256	29.07	8.69		1	2.513	90.5
541	2/19/2009 6:01	8.92	45.366	29.15	8.71		1.2	2.546	90.7
542	2/19/2009 6:16	8.91	45.388	29.16	8.67		1	2.569	90.3
543	2/19/2009 6:31	8.9	45.412	29.18	8.62		1	2.605	89.8
544	2/19/2009 6:46	8.9	45.43	29.19	8.56		0.9	2.623	89.2
545	2/19/2009 7:01	8.9	45.428	29.19	8.51		0.8	2.627	88.7
546	2/19/2009 7:16	8.89	45.423	29.18	8.48		0.9	2.62	88.3
547	2/19/2009 7:31	8.89	45.424	29.19	8.46		0.9	2.621	88.1
548	2/19/2009 7:46	8.89	45.412	29.18	8.41		0.8	2.6	87.6
549	2/19/2009 8:01	8.84	45.318	29.11	8.18		0.7	2.55	85
550	2/19/2009 8:16	8.72	44.839	28.76	8.09		0.9	2.515	83.7
551	2/19/2009 8:31	8.64	44.57	28.56	8.1		1	2.472	83.5
552	2/19/2009 8:46	8.59	44.371	28.42	8.11		1	2.41	83.4
553	2/19/2009 9:01	8.57	44.269	28.34	8.08		1	2.342	83
554	2/19/2009 9:16	8.56	44.207	28.3	8.04		1.1	2.264	82.6
555	2/19/2009 9:31	8.56	44.09	28.22	7.94		1	2.194	81.5
556	2/19/2009 9:46	8.56	43.747	27.97	7.79		1	2.12	79.9
557	2/19/2009 10:01	8.55	43.32	27.67	7.58		1	2.042	77.6
558	2/19/2009 10:16	8.56	43.087	27.51	7.26		1.1	1.958	74.2
559	2/19/2009 10:31	8.58	42.917	27.39	7.22		1.3	1.875	73.8
560	2/19/2009 10:46	8.6	42.881	27.37	7.26		1.6	1.793	74.3
561	2/19/2009 11:01	8.63	42.863	27.36	7.27		1.7	1.71	74.4
562	2/19/2009 11:16	8.64	42.798	27.31	7.52		1.8	1.622	76.9
563	2/19/2009 11:31	8.65	42.727	27.26	7.71		1.8	1.536	78.9
564	2/19/2009 11:46	8.67	42.662	27.22	7.83		1.6	1.437	80.2
565	2/19/2009 12:01	8.71	42.619	27.19	7.95		1.4	1.342	81.4
566	2/19/2009 12:16	8.77	42.608	27.19	7.94		2.1	1.242	81.5
567	2/19/2009 12:31	8.82	42.59	27.18	7.91		1.3	1.151	81.2
568	2/19/2009 12:46	8.87	42.51	27.12	7.78		1.4	1.061	79.9
569	2/19/2009 13:01	8.92	42.416	27.06	7.63		1.5	0.98	78.4
570	2/19/2009 13:16	8.97	42.277	26.97	7.62		1.9	0.913	78.3
571	2/19/2009 13:31	8.99	42.114	26.85	7.76		2.4	0.852	79.8
572	2/19/2009 13:46	9.02	42.07	26.82	7.81		2.5	0.805	80.3
573	2/19/2009 14:01	9.06	42.008	26.78	7.76		2.3	0.785	79.9
574	2/19/2009 14:16	9.1	42.057	26.82	7.73		2.4	0.761	79.6
575	2/19/2009 14:31	9.16	42.046	26.81	7.68		2.3	0.747	79.2
576	2/19/2009 14:46	9.18	42.071	26.83	7.55		2.2	0.764	78
577	2/19/2009 15:01	9.21	42.095	26.85	7.52		1.7	0.787	77.7
578	2/19/2009 15:16	9.24	42.162	26.9	7.18		1.3	0.811	74.3
579	2/19/2009 15:31	9.28	42.321	27.01	7.29		1	0.84	75.5
580	2/19/2009 15:46	9.34	42.577	27.2	8.67		1.3	0.896	90.1
581	2/19/2009 16:01	9.35	42.591	27.21	8.87		1.3	0.936	92.2
582	2/19/2009 16:16	9.34	42.558	27.19	8.86		1.2	0.986	92
583	2/19/2009 16:31	9.33	42.519	27.16	8.84		1.2	1.028	91.8
584	2/19/2009 16:46	9.29	42.474	27.12	8.85		1.2	1.091	91.8
585	2/19/2009 17:01	9.25	42.356	27.04	8.85		1.1	1.153	91.6
586	2/19/2009 17:16	9.23	42.43	27.09	8.78		1.1	1.198	90.9
587	2/19/2009 17:31	9.2	42.38	27.05	8.82		1.1	1.271	91.2

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
588	2/19/2009 17:46	9.16	42.388	27.06	8.84		1	1.334	91.4
589	2/19/2009 18:01	9.09	42.449	27.09	8.89		1.1	1.389	91.7
590	2/19/2009 18:16	9.05	42.499	27.13	9.03		1.5	1.462	93.1
591	2/19/2009 18:31	9.06	42.576	27.18	9.05		1.5	1.521	93.4
592	2/19/2009 18:46	9.04	42.9	27.41	9.01		1.5	1.606	93.1
593	2/19/2009 19:01	9.04	43.095	27.55	8.97		1.3	1.656	92.7
594	2/19/2009 19:16	9.03	43.296	27.69	8.94		1.5	1.717	92.5
595	2/19/2009 19:31	9	43.519	27.84	8.93		1.5	1.784	92.5
596	2/19/2009 19:46	8.99	43.637	27.93	8.93		1.5	1.838	92.5
597	2/19/2009 20:01	8.98	43.715	27.98	8.9		1.4	1.887	92.2
598	2/19/2009 20:16	8.96	43.969	28.16	8.82		1.2	1.948	91.4
599	2/19/2009 20:31	8.95	44.262	28.36	8.79		1.2	2.007	91.2
600	2/19/2009 20:46	8.95	44.364	28.44	8.75		1.2	2.043	90.8
601	2/19/2009 21:01	8.95	44.426	28.48	8.71		1.2	2.082	90.5
602	2/19/2009 21:16	8.95	44.472	28.51	8.67		1	2.124	90
603	2/19/2009 21:31	8.96	44.5	28.53	8.63		1	2.142	89.6
604	2/19/2009 21:46	8.97	44.509	28.54	8.57		1	2.151	89
605	2/19/2009 22:01	8.97	44.523	28.55	8.52		0.9	2.163	88.5
606	2/19/2009 22:16	8.98	44.503	28.54	8.52		0.9	2.135	88.5
607	2/19/2009 22:31	8.99	44.492	28.53	8.45		0.9	2.134	87.9
608	2/19/2009 22:46	9	44.46	28.51	8.32		0.9	2.103	86.5
609	2/19/2009 23:01	9.01	44.384	28.45	8.21		0.7	2.071	85.3
610	2/19/2009 23:16	9.01	44.249	28.36	8.09		0.7	2.028	84.1
611	2/19/2009 23:31	9	44.163	28.3	7.97		0.9	1.994	82.8
612	2/19/2009 23:46	8.99	43.97	28.16	8.02		1	1.95	83.1
613	2/20/2009 0:01	8.99	43.758	28.01	8.11		1.1	1.902	84
614	2/20/2009 0:16	8.99	43.67	27.95	8.22		1.2	1.865	85.2
615	2/20/2009 0:31	8.99	43.628	27.92	8.2		1.2	1.843	84.9
616	2/20/2009 0:46	8.99	43.536	27.85	8.21		1.3	1.805	85
617	2/20/2009 1:01	8.99	43.456	27.8	8.17		1.3	1.779	84.6
618	2/20/2009 1:16	8.99	43.407	27.76	8.16		1.3	1.763	84.5
619	2/20/2009 1:31	8.99	43.384	27.75	8.13		1.3	1.751	84
620	2/20/2009 1:46	9	43.324	27.71	8.1		1.3	1.73	83.7
621	2/20/2009 2:01	9	43.303	27.69	8.12		1.2	1.724	84
622	2/20/2009 2:16	9	43.307	27.69	8.04		1	1.731	83.1
623	2/20/2009 2:31	9	43.305	27.69	7.92		1	1.737	81.9
624	2/20/2009 2:46	8.99	43.304	27.69	7.83		0.6	1.757	81
625	2/20/2009 3:01	8.98	43.297	27.69	7.83		0.8	1.767	80.9
626	2/20/2009 3:16	8.97	43.279	27.67	7.8		0.7	1.794	80.6
627	2/20/2009 3:31	8.96	43.286	27.68	7.77		0.7	1.824	80.3
628	2/20/2009 3:46	8.96	43.309	27.69	7.73		0.6	1.851	79.8
629	2/20/2009 4:01	8.95	43.355	27.72	8.08		0.8	1.881	83.5
630	2/20/2009 4:16	8.95	43.486	27.82	8.29		0.9	1.935	85.7
631	2/20/2009 4:31	8.96	43.673	27.95	8.51		1.1	1.982	88.1
632	2/20/2009 4:46	8.98	43.887	28.1	8.66		1.1	2.031	89.8
633	2/20/2009 5:01	9.01	44.11	28.26	8.73		1.2	2.079	90.6
634	2/20/2009 5:16	9.03	44.264	28.37	8.75		1.4	2.137	90.9
635	2/20/2009 5:31	9.04	44.31	28.4	8.77		1.3	2.192	91.2
636	2/20/2009 5:46	9.05	44.415	28.48	8.79		1.3	2.248	91.5

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	DO%
637	2/20/2009 6:01	9.07	44.52	28.56	8.79		1.3	2.304	91.5
638	2/20/2009 6:16	9.08	44.63	28.63	8.8		1.3	2.359	91.7
639	2/20/2009 6:31	9.09	44.751	28.72	8.81		1.3	2.412	91.8
640	2/20/2009 6:46	9.09	44.856	28.8	8.8		1.3	2.468	91.8
641	2/20/2009 7:01	9.1	44.939	28.85	8.82		1.3	2.515	92.1
642	2/20/2009 7:16	9.13	45.039	28.93	8.77		1.2	2.557	91.7
643	2/20/2009 7:31	9.16	45.112	28.98	8.72		1	2.589	91.3
644	2/20/2009 7:46	9.19	45.208	29.05	8.6		0.9	2.622	90.1
645	2/20/2009 8:01	9.23	45.297	29.12	8.53		0.8	2.646	89.5
646	2/20/2009 8:16	9.25	45.337	29.15	8.44		0.7	2.652	88.5
647	2/20/2009 8:31	9.26	45.327	29.14	8.42		0.7	2.646	88.4
648	2/20/2009 8:46	9.27	45.294	29.12	8.42		0.7	2.637	88.4
649	2/20/2009 9:01	9.27	45.193	29.05	8.38		0.7	2.604	87.9
650	2/20/2009 9:16	9.29	45.02	28.92	8.31		0.6	2.55	87.2
651	2/20/2009 9:31	9.26	44.869	28.82	8.14		0.8	2.498	85.3
652	2/20/2009 9:46	9.2	44.769	28.74	8.02		0.9	2.427	83.9
653	2/20/2009 10:01	9.16	44.625	28.64	8.05		0.9	2.353	84
654	2/20/2009 10:16	9.16	44.49	28.54	8.04		1	2.274	83.9
655	2/20/2009 10:31	9.16	44.32	28.42	8.05		0.9	2.191	83.9
656	2/20/2009 10:46	9.18	44.192	28.33	7.99		1	2.112	83.3
657	2/20/2009 11:01	9.22	43.881	28.11	7.87		0.9	2.022	82
658	2/20/2009 11:16	9.24	43.509	27.85	7.59		0.8	1.932	79
659	2/20/2009 11:31	9.26	43.337	27.73	7.4		0.7	1.851	77
660	2/20/2009 11:46	9.28	43.24	27.66	7.3		0.9	1.754	76
661	2/20/2009 12:01	9.3	43.011	27.5	7.42		1.4	1.648	77.1
662	2/20/2009 12:16	9.31	42.66	27.26	7.74		1.8	1.552	80.4
663	2/20/2009 12:31	9.34	42.493	27.14	7.86		1.6	1.455	81.6
664	2/20/2009 12:46	9.37	42.417	27.09	8.02		1.3	1.342	83.3
665	2/20/2009 13:01	9.41	42.395	27.07	8.09		1.2	1.234	84.2
666	2/20/2009 13:16	9.47	42.38	27.07	8.12		1	1.126	84.5
667	2/20/2009 13:31	9.52	42.373	27.07	8.11		1	1.027	84.5
668	2/20/2009 13:46	9.6	42.334	27.04	8		1.1	0.932	83.5
669	2/20/2009 14:01	9.65	42.212	26.96	7.75		1.7	0.832	81
670	2/20/2009 14:16	9.7	42.108	26.89	7.76		2.3	0.766	81.1
671	2/20/2009 14:31	9.73	42.064	26.86	7.82		2.6	0.707	81.8
672	2/20/2009 14:46	9.79	42.05	26.85	7.83		2.7	0.653	81.9
673	2/20/2009 15:01	9.83	42.045	26.85	7.83		2.6	0.633	82.1
674	2/20/2009 15:16	9.9	42.036	26.85	7.8		2.7	0.621	81.8
675	2/20/2009 15:31	9.93	42.036	26.85	7.77		2.6	0.627	81.6
676	2/20/2009 15:46	9.96	42.03	26.85	7.7		2.5	0.647	80.9
677	2/20/2009 16:01	10	42.025	26.85	7.15		2	0.68	75.1
678	2/20/2009 16:16	10.08	42.065	26.88	6.63		0.8	0.723	69.9
679	2/20/2009 16:31	10.09	42.621	27.27	8.66		1.4	0.771	91.5
680	2/20/2009 16:46	10.05	42.787	27.39	9.2		1.3	0.835	97.2
681	2/20/2009 17:01	10.07	42.634	27.28	9.14		1.3	0.888	96.5
682	2/20/2009 17:16	10.07	42.513	27.19	9.09		1.2	0.949	96
683	2/20/2009 17:31	10.06	42.446	27.15	9.03		1.1	1.013	95.3
684	2/20/2009 17:46	10.02	42.404	27.11	8.99		1.1	1.07	94.8
685	2/20/2009 18:01	9.99	42.372	27.09	9.02		1.2	1.137	95

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	DO%
686	2/20/2009 18:16	9.94	42.369	27.09	9.03		1.2	1.213	95
687	2/20/2009 18:31	9.88	42.392	27.1	9.08		1.3	1.273	95.4
688	2/20/2009 18:46	9.82	42.442	27.13	9.13		1.3	1.357	95.8
689	2/20/2009 19:01	9.8	42.462	27.14	9.13		1.5	1.426	95.8
690	2/20/2009 19:16	9.8	42.5	27.17	9.09		1.5	1.5	95.3
691	2/20/2009 19:31	9.69	43.006	27.52	9.09		1.4	1.577	95.3
692	2/20/2009 19:46	9.61	43.359	27.77	9.02		1.5	1.652	94.6
693	2/20/2009 20:01	9.57	43.54	27.89	8.97		1.5	1.71	94.1
694	2/20/2009 20:16	9.56	43.625	27.95	8.97		1.3	1.775	94.1
695	2/20/2009 20:31	9.55	43.705	28.01	8.95		1.5	1.85	93.9
696	2/20/2009 20:46	9.56	43.785	28.07	8.96		1.4	1.91	94
697	2/20/2009 21:01	9.56	43.919	28.16	8.92		1.2	1.966	93.7
698	2/20/2009 21:16	9.57	44.07	28.27	8.9		1.3	2.023	93.5
699	2/20/2009 21:31	9.58	44.18	28.35	8.87		1.3	2.076	93.3
700	2/20/2009 21:46	9.57	44.258	28.4	8.81		1.2	2.114	92.7
701	2/20/2009 22:01	9.57	44.307	28.44	8.73		1.1	2.15	91.9
702	2/20/2009 22:16	9.58	44.356	28.47	8.69		1	2.187	91.5
703	2/20/2009 22:31	9.59	44.365	28.48	8.64		0.9	2.191	91
704	2/20/2009 22:46	9.59	44.37	28.48	8.6		0.9	2.193	90.6
705	2/20/2009 23:01	9.6	44.349	28.47	8.58		0.9	2.171	90.4
706	2/20/2009 23:16	9.6	44.332	28.46	8.56		0.9	2.154	90.1
707	2/20/2009 23:31	9.61	44.264	28.41	8.41		0.7	2.109	88.6
708	2/20/2009 23:46	9.62	44.129	28.31	8.3		0.7	2.049	87.4
709	2/21/2009 0:01	9.63	44.065	28.27	8.22		0.9	2.014	86.5
710	2/21/2009 0:16	9.63	43.915	28.16	8.23		0.9	1.945	86.5
711	2/21/2009 0:31	9.62	43.801	28.08	8.29		1	1.895	87.1
712	2/21/2009 0:46	9.6	43.73	28.03	8.33		1.1	1.85	87.5
713	2/21/2009 1:01	9.59	43.664	27.98	8.3		1.2	1.794	87.1
714	2/21/2009 1:16	9.59	43.605	27.94	8.34		1.2	1.75	87.5
715	2/21/2009 1:31	9.59	43.56	27.91	8.33		1.3	1.71	87.4
716	2/21/2009 1:46	9.58	43.467	27.84	8.33		1.2	1.661	87.4
717	2/21/2009 2:01	9.58	43.409	27.8	8.3		1.2	1.639	87
718	2/21/2009 2:16	9.57	43.353	27.76	8.27		1.2	1.622	86.7
719	2/21/2009 2:31	9.56	43.233	27.67	8.25		1.2	1.592	86.4
720	2/21/2009 2:46	9.55	43.213	27.66	8.19		1.2	1.587	85.8
721	2/21/2009 3:01	9.55	43.188	27.64	8.15		1.2	1.579	85.3
722	2/21/2009 3:16	9.54	43.231	27.67	8.12		1.1	1.584	85
723	2/21/2009 3:31	9.54	43.24	27.68	8.05		1	1.586	84.2
724	2/21/2009 3:46	9.51	43.278	27.7	7.97		0.7	1.618	83.4
725	2/21/2009 4:01	9.5	43.281	27.7	7.91		0.6	1.648	82.8
726	2/21/2009 4:16	9.48	43.302	27.72	7.77		0.5	1.686	81.2
727	2/21/2009 4:31	9.48	43.351	27.75	7.8		0.6	1.727	81.6
728	2/21/2009 4:46	9.48	43.524	27.88	8.51		1.2	1.781	89
729	2/21/2009 5:01	9.48	43.561	27.9	8.66		1.2	1.834	90.7
730	2/21/2009 5:16	9.49	43.586	27.92	8.62		1.2	1.889	90.3
731	2/21/2009 5:31	9.49	43.703	28	8.67		1.3	1.946	90.9
732	2/21/2009 5:46	9.5	43.842	28.1	8.71		1.2	2.003	91.4
733	2/21/2009 6:01	9.51	44.036	28.24	8.74		1.2	2.061	91.8
734	2/21/2009 6:16	9.5	44.113	28.29	8.75		1.2	2.125	91.8

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
735	2/21/2009 6:31	9.52	44.331	28.45	8.79		1.2	2.19	92.4
736	2/21/2009 6:46	9.54	44.488	28.56	8.81		1.1	2.251	92.8
737	2/21/2009 7:01	9.55	44.618	28.66	8.79		1.1	2.309	92.6
738	2/21/2009 7:16	9.58	44.817	28.8	8.82		1.1	2.373	93.1
739	2/21/2009 7:31	9.58	44.924	28.87	8.83		1.2	2.433	93.2
740	2/21/2009 7:46	9.61	45.038	28.96	8.81		0.9	2.489	93.1
741	2/21/2009 8:01	9.66	45.368	29.2	8.77		1	2.54	92.9
742	2/21/2009 8:16	9.7	45.602	29.36	8.74		0.8	2.591	92.8
743	2/21/2009 8:31	9.73	45.759	29.48	8.67		0.7	2.628	92.1
744	2/21/2009 8:46	9.74	45.9	29.58	8.61		0.7	2.655	91.7
745	2/21/2009 9:01	9.75	45.966	29.63	8.57		0.7	2.68	91.2
746	2/21/2009 9:16	9.76	45.969	29.63	8.54		0.5	2.682	90.9
747	2/21/2009 9:31	9.77	45.978	29.64	8.48		0.5	2.687	90.4
748	2/21/2009 9:46	9.78	45.935	29.61	8.48		0.5	2.656	90.3
749	2/21/2009 10:01	9.78	45.745	29.47	8.27		0.4	2.61	88.1
750	2/21/2009 10:16	9.78	45.564	29.34	8.2		0.4	2.565	87.2
751	2/21/2009 10:31	9.74	45.15	29.05	8.07		0.7	2.495	85.6
752	2/21/2009 10:46	9.72	44.934	28.89	8.11		0.7	2.411	85.9
753	2/21/2009 11:01	9.71	44.741	28.75	8.12		0.8	2.324	85.9
754	2/21/2009 11:16	9.71	44.498	28.58	8.14		0.9	2.227	86
755	2/21/2009 11:31	9.71	44.268	28.42	8.09		1	2.145	85.4
756	2/21/2009 11:46	9.74	43.988	28.22	8.08		1.3	2.034	85.2
757	2/21/2009 12:01	9.79	44	28.23	8.22		1.6	1.936	86.8
758	2/21/2009 12:16	9.82	43.96	28.2	8.27		1.5	1.836	87.4
759	2/21/2009 12:31	9.85	43.853	28.13	8.27		2	1.733	87.4
760	2/21/2009 12:46	9.91	43.68	28.01	8.34		2.1	1.627	88.2
761	2/21/2009 13:01	9.99	43.505	27.89	8.53		2	1.517	90.3
762	2/21/2009 13:16	10.03	43.282	27.74	8.5		1.4	1.416	89.9
763	2/21/2009 13:31	10.07	43.076	27.59	8.45		1.5	1.299	89.4
764	2/21/2009 13:46	10.1	42.847	27.43	8.46		1.3	1.179	89.5
765	2/21/2009 14:01	10.11	42.599	27.26	8.3		1.1	1.079	87.8
766	2/21/2009 14:16	10.11	42.416	27.13	8.19		1.2	0.96	86.5
767	2/21/2009 14:31	10.14	42.339	27.07	8.1		1.2	0.853	85.6
768	2/21/2009 14:46	10.17	42.284	27.04	8.05		1.3	0.768	85.1
769	2/21/2009 15:01	10.22	42.228	27	7.98		1.5	0.691	84.4
770	2/21/2009 15:16	10.24	42.171	26.96	7.91		1.7	0.599	83.7
771	2/21/2009 15:31	10.27	42.144	26.94	7.87		1.9	0.554	83.3
772	2/21/2009 15:46	10.3	42.137	26.94	7.85		1.8	0.545	83.2
773	2/21/2009 16:01	10.35	42.122	26.93	7.81		1.8	0.505	82.8
774	2/21/2009 16:16	10.39	42.142	26.95	7.59		1.6	0.513	80.6
775	2/21/2009 16:31	10.41	42.169	26.97	7.48		1.5	0.558	79.5
776	2/21/2009 16:46	10.46	42.331	27.08	7.3		0.7	0.621	77.7
777	2/21/2009 17:01	10.49	42.506	27.21	7.71		0.9	0.654	82.2
778	2/21/2009 17:16	10.49	42.519	27.22	8.71		1.5	0.718	92.8
779	2/21/2009 17:31	10.5	42.353	27.1	8.74		1.6	0.803	93
780	2/21/2009 17:46	10.51	42.149	26.96	8.6		1.6	0.873	91.5
781	2/21/2009 18:01	10.52	42.026	26.87	8.62		1.8	0.945	91.7
782	2/21/2009 18:16	10.49	42.037	26.88	8.65		1.8	1.012	92
783	2/21/2009 18:31	10.48	42.009	26.86	8.85		1.7	1.089	94.1

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #5		
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
784	2/21/2009 18:46	10.44	42.105	26.92	8.86		1.6	1.163	94.1
785	2/21/2009 19:01	10.31	42.793	27.4	9.15		1.9	1.245	97.3
786	2/21/2009 19:16	10.28	42.862	27.45	9.13		1.8	1.31	96.9
787	2/21/2009 19:31	10.22	43.084	27.61	9.05		1.6	1.391	96.1
788	2/21/2009 19:46	10.17	43.364	27.8	9.04		1.7	1.487	96
789	2/21/2009 20:01	10.15	43.551	27.93	9.02		1.6	1.552	95.8
790	2/21/2009 20:16	10.1	43.823	28.12	8.97		1.7	1.631	95.3
791	2/21/2009 20:31	10.07	43.983	28.23	9		1.9	1.712	95.7
792	2/21/2009 20:46	10.06	44.042	28.28	8.94		1.8	1.791	95
793	2/21/2009 21:01	10.05	44.215	28.4	8.93		1.8	1.859	95
794	2/21/2009 21:16	10.04	44.408	28.53	8.93		1.8	1.939	95
795	2/21/2009 21:31	10.03	44.627	28.69	8.91		1.8	2.018	94.8
796	2/21/2009 21:46	10.02	44.726	28.76	8.89		1.6	2.064	94.7
797	2/21/2009 22:01	10.02	44.933	28.91	8.85		1.5	2.141	94.3
798	2/21/2009 22:16	10.03	45.056	28.99	8.8		1.3	2.195	93.9
799	2/21/2009 22:31	10.05	45.264	29.14	8.75		1.1	2.241	93.5
800	2/21/2009 22:46	10.1	45.658	29.43	8.74		1	2.303	93.7
801	2/21/2009 23:01	10.12	45.715	29.47	8.69		0.9	2.32	93.2
802	2/21/2009 23:16	10.13	45.818	29.54	8.63		0.8	2.343	92.6
803	2/21/2009 23:31	10.13	45.837	29.56	8.6		0.8	2.349	92.3
804	2/21/2009 23:46	10.13	45.579	29.37	8.54		0.7	2.299	91.5
805	2/22/2009 0:01	10.14	45.438	29.27	8.38		0.5	2.279	89.8
806	2/22/2009 0:16	10.15	45.203	29.11	8.31		0.5	2.231	88.9
807	2/22/2009 0:31	10.17	44.865	28.87	8.19		0.9	2.15	87.6
808	2/22/2009 0:46	10.17	44.753	28.79	8.21		1	2.091	87.8
809	2/22/2009 1:01	10.16	44.648	28.71	8.24		1	2.027	88
810	2/22/2009 1:16	10.15	44.365	28.51	8.28		1.3	1.929	88.3
811	2/22/2009 1:31	10.15	44.24	28.42	8.28		1.4	1.888	88.3
812	2/22/2009 1:46	10.16	44.107	28.33	8.26		1.3	1.851	88
813	2/22/2009 2:01	10.17	44.006	28.26	8.24		1.2	1.769	87.8
814	2/22/2009 2:16	10.18	43.973	28.23	8.23		1.3	1.733	87.7
815	2/22/2009 2:31	10.18	43.936	28.21	8.22		1.3	1.704	87.5
816	2/22/2009 2:46	10.19	43.843	28.14	8.2		1.2	1.65	87.3
817	2/22/2009 3:01	10.2	43.741	28.07	8.22		1.2	1.62	87.5
818	2/22/2009 3:16	10.21	43.698	28.04	8.21		1.2	1.607	87.4
819	2/22/2009 3:31	10.22	43.67	28.02	8.19		1.2	1.59	87.1
820	2/22/2009 3:46	10.22	43.605	27.97	8.17		1.3	1.57	86.9
821	2/22/2009 4:01	10.23	43.622	27.99	8.13		1.2	1.578	86.6
822	2/22/2009 4:16	10.23	43.656	28.01	8.08		1.1	1.593	86
823	2/22/2009 4:31	10.23	43.66	28.01	7.95		1	1.606	84.6
824	2/22/2009 4:46	10.24	43.659	28.01	7.8		0.9	1.631	83.1
825	2/22/2009 5:01	10.25	43.661	28.02	7.78		0.7	1.677	82.9
826	2/22/2009 5:16	10.24	43.698	28.04	7.76		0.7	1.721	82.6
827	2/22/2009 5:31	10.23	43.765	28.09	7.89		1	1.759	84
828	2/22/2009 5:46	10.2	43.98	28.24	8.51		1.3	1.83	90.7
829	2/22/2009 6:01	10.19	44.061	28.3	8.65		1.4	1.88	92.2
830	2/22/2009 6:16	10.17	44.244	28.43	8.63		1.2	1.936	92
831	2/22/2009 6:31	10.19	44.457	28.58	8.69		1.4	2.014	92.8
832	2/22/2009 6:46	10.2	44.526	28.63	8.69		1.3	2.083	92.9

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	Depthn meters	DO%
833	2/22/2009 7:01	10.19	44.724	28.77	8.69		1.3	2.142	93
834	2/22/2009 7:16	10.19	45.141	29.06	8.74		1.3	2.219	93.6
835	2/22/2009 7:31	10.19	45.386	29.24	8.76		1.3	2.299	94
836	2/22/2009 7:46	10.19	45.531	29.34	8.77		1.2	2.367	94.1
837	2/22/2009 8:01	10.2	45.735	29.49	8.76		1.2	2.44	94.1
838	2/22/2009 8:16	10.21	46.157	29.79	8.76		1.2	2.515	94.3
839	2/22/2009 8:31	10.21	46.248	29.86	8.78		1.3	2.577	94.6
840	2/22/2009 8:46	10.21	46.325	29.91	8.72		1.1	2.635	94
841	2/22/2009 9:01	10.22	46.49	30.03	8.66		1	2.69	93.4
842	2/22/2009 9:16	10.23	46.543	30.07	8.68		1	2.735	93.6
843	2/22/2009 9:31	10.23	46.56	30.08	8.65		0.9	2.76	93.3
844	2/22/2009 9:46	10.24	46.579	30.09	8.61		0.8	2.783	92.9
845	2/22/2009 10:01	10.24	46.599	30.11	8.5		0.7	2.793	91.8
846	2/22/2009 10:16	10.24	46.577	30.09	8.47		0.7	2.767	91.4
847	2/22/2009 10:31	10.25	46.544	30.07	8.42		0.7	2.731	90.9
848	2/22/2009 10:46	10.26	46.459	30.01	8.3		0.5	2.698	89.6
849	2/22/2009 11:01	10.29	46.286	29.89	8.14		0.6	2.625	87.9
850	2/22/2009 11:16	10.31	46.136	29.78	8.11		0.7	2.531	87.5
851	2/22/2009 11:31	10.31	45.81	29.55	8.13		0.8	2.457	87.5
852	2/22/2009 11:46	10.3	45.54	29.36	8.15		1	2.367	87.7
853	2/22/2009 12:01	10.32	45.259	29.16	8.12		1	2.26	87.2
854	2/22/2009 12:16	10.35	44.777	28.81	8.07		1	2.148	86.6
855	2/22/2009 12:31	10.37	44.516	28.63	8.08		0.9	2.052	86.6
856	2/22/2009 12:46	10.41	44.288	28.47	7.97		0.9	1.949	85.5
857	2/22/2009 13:01	10.44	43.975	28.25	7.8		0.9	1.831	83.6
858	2/22/2009 13:16	10.48	43.774	28.11	7.51		0.8	1.732	80.5
859	2/22/2009 13:31	10.53	43.623	28	7.44		1	1.616	79.8
860	2/22/2009 13:46	10.56	43.376	27.83	7.6		1.3	1.508	81.4
861	2/22/2009 14:01	10.59	43.091	27.63	7.82		1.6	1.415	83.7
862	2/22/2009 14:16	10.61	42.773	27.41	7.95		1.5	1.295	85
863	2/22/2009 14:31	10.64	42.366	27.12	7.95		1.6	1.17	84.9
864	2/22/2009 14:46	10.66	42.144	26.96	7.92		1.6	1.058	84.6
865	2/22/2009 15:01	10.71	42.092	26.93	7.93		1.6	0.967	84.8
866	2/22/2009 15:16	10.75	42.048	26.9	7.97		1.7	0.842	85.3
867	2/22/2009 15:31	10.81	42.043	26.9	7.96		1.7	0.742	85.3
868	2/22/2009 15:46	10.86	42.039	26.9	7.93		1.7	0.68	85
869	2/22/2009 16:01	10.93	42.023	26.89	7.87		1.7	0.609	84.5
870	2/22/2009 16:16	10.97	42.023	26.89	7.83		1.7	0.557	84.2
871	2/22/2009 16:31	11.02	42.018	26.89	7.68		1.7	0.529	82.6
872	2/22/2009 16:46	11.04	42.013	26.89	7.66		1.5	0.552	82.5
873	2/22/2009 17:01	11.06	42.017	26.89	7.67		1.5	0.541	82.6
874	2/22/2009 17:16	11.09	42.036	26.91	7.33		1	0.59	78.9
875	2/22/2009 17:31	11.17	42.169	27	6.85		0.5	0.654	74
876	2/22/2009 17:46	11.2	42.816	27.46	8.42		2	0.712	91.3
877	2/22/2009 18:01	11.21	42.675	27.36	8.62		2	0.787	93.4
878	2/22/2009 18:16	11.24	42.181	27.01	8.44		1.8	0.87	91.3
879	2/22/2009 18:31	11.26	41.921	26.83	8.18		1.9	0.949	88.4
880	2/22/2009 18:46	11.22	41.957	26.85	8.13		1.8	1.03	87.8
881	2/22/2009 19:01	11.11	42.377	27.15	8.78		2	1.11	94.7

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	Depthn meters	DO%
882	2/22/2009 19:16	11.07	42.461	27.2	8.78		1.8	1.199	94.8
883	2/22/2009 19:31	11.05	42.541	27.26	8.76		1.5	1.284	94.6
884	2/22/2009 19:46	10.99	42.795	27.44	8.69		1.5	1.356	93.8
885	2/22/2009 20:01	10.88	43.165	27.69	8.73		1.6	1.444	94.2
886	2/22/2009 20:16	10.83	43.276	27.77	8.81		1.8	1.534	94.9
887	2/22/2009 20:31	10.78	43.498	27.93	8.77		1.7	1.605	94.5
888	2/22/2009 20:46	10.72	43.712	28.08	8.78		2	1.711	94.5
889	2/22/2009 21:01	10.68	43.93	28.23	8.78		1.8	1.791	94.6
890	2/22/2009 21:16	10.66	44.042	28.31	8.76		1.9	1.868	94.4
891	2/22/2009 21:31	10.63	44.225	28.44	8.79		2	1.947	94.6
892	2/22/2009 21:46	10.6	44.408	28.56	8.78		1.9	2.04	94.6
893	2/22/2009 22:01	10.58	44.537	28.66	8.77		2	2.091	94.5
894	2/22/2009 22:16	10.56	44.729	28.79	8.75		1.9	2.174	94.4
895	2/22/2009 22:31	10.55	44.981	28.97	8.74		1.6	2.26	94.3
896	2/22/2009 22:46	10.55	45.1	29.05	8.71		1.6	2.286	94
897	2/22/2009 23:01	10.55	45.398	29.27	8.63		1.3	2.345	93.3
898	2/22/2009 23:16	10.55	45.689	29.48	8.59		1	2.396	93
899	2/22/2009 23:31	10.55	45.742	29.51	8.53		1	2.41	92.4
900	2/22/2009 23:46	10.55	45.748	29.52	8.5		1	2.414	92.1
901	2/23/2009 0:01	10.55	45.707	29.49	8.47		0.9	2.4	91.7
902	2/23/2009 0:16	10.55	45.54	29.37	8.37		0.9	2.37	90.6
903	2/23/2009 0:31	10.56	45.206	29.13	8.12		0.6	2.314	87.7
904	2/23/2009 0:46	10.58	44.929	28.93	8.11		0.9	2.24	87.6
905	2/23/2009 1:01	10.6	44.744	28.8	8.07		1	2.174	87.1
906	2/23/2009 1:16	10.6	44.563	28.67	8.16		1.2	2.101	88
907	2/23/2009 1:31	10.61	44.39	28.55	8.17		1.2	2.017	88
908	2/23/2009 1:46	10.63	44.232	28.44	8.15		1.2	1.935	87.8
909	2/23/2009 2:01	10.63	44.12	28.36	8.15		1.3	1.878	87.7
910	2/23/2009 2:16	10.64	43.98	28.26	8.16		1.3	1.802	87.9
911	2/23/2009 2:31	10.65	43.837	28.16	8.15		1.2	1.74	87.6
912	2/23/2009 2:46	10.66	43.761	28.11	8.14		1.2	1.705	87.6
913	2/23/2009 3:01	10.68	43.486	27.91	8.13		1.2	1.627	87.4
914	2/23/2009 3:16	10.69	43.428	27.87	8.12		1.3	1.578	87.2
915	2/23/2009 3:31	10.7	43.382	27.84	8.07		1.2	1.552	86.7
916	2/23/2009 3:46	10.72	43.263	27.76	8.06		1.1	1.496	86.6
917	2/23/2009 4:01	10.74	43.207	27.72	8.06		1.1	1.47	86.6
918	2/23/2009 4:16	10.75	43.171	27.69	8.04		1.2	1.451	86.4
919	2/23/2009 4:31	10.76	43.159	27.69	7.99		1.1	1.448	85.9
920	2/23/2009 4:46	10.77	43.144	27.68	7.96		1.1	1.441	85.6
921	2/23/2009 5:01	10.78	43.16	27.69	7.94		1.1	1.45	85.5
922	2/23/2009 5:16	10.79	43.177	27.7	7.79		0.9	1.474	83.8
923	2/23/2009 5:31	10.82	43.163	27.69	7.68		0.8	1.516	82.7
924	2/23/2009 5:46	10.82	43.179	27.7	7.54		0.7	1.554	81.1
925	2/23/2009 6:01	10.82	43.165	27.69	7.79		1	1.611	83.8
926	2/23/2009 6:16	10.81	43.158	27.69	7.87		1.1	1.676	84.8
927	2/23/2009 6:31	10.77	43.374	27.84	8.21		1.5	1.738	88.4
928	2/23/2009 6:46	10.72	43.766	28.11	8.44		1.6	1.805	91
929	2/23/2009 7:01	10.71	43.881	28.2	8.52		1.8	1.891	91.7
930	2/23/2009 7:16	10.7	43.95	28.24	8.45		1.6	1.964	91.1

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
931	2/23/2009 7:31	10.65	44.537	28.66	8.59		1.6	2.042	92.7
932	2/23/2009 7:46	10.63	44.862	28.89	8.64		1.8	2.136	93.4
933	2/23/2009 8:01	10.62	44.982	28.97	8.66		1.7	2.214	93.6
934	2/23/2009 8:16	10.6	45.233	29.15	8.65		1.6	2.297	93.6
935	2/23/2009 8:31	10.59	45.552	29.38	8.69		1.8	2.395	94.1
936	2/23/2009 8:46	10.58	45.659	29.46	8.71		1.6	2.479	94.3
937	2/23/2009 9:01	10.57	45.698	29.48	8.69		1.6	2.551	94.1
938	2/23/2009 9:16	10.57	45.908	29.63	8.69		1.5	2.642	94.2
939	2/23/2009 9:31	10.56	46.016	29.71	8.61		1.5	2.711	93.4
940	2/23/2009 9:46	10.55	46.207	29.85	8.63		1.3	2.773	93.7
941	2/23/2009 10:01	10.54	46.323	29.93	8.58		1	2.82	93.1
942	2/23/2009 10:16	10.54	46.374	29.97	8.52		0.9	2.854	92.5
943	2/23/2009 10:31	10.54	46.444	30.01	8.45		0.7	2.888	91.7
944	2/23/2009 10:46	10.54	46.453	30.02	8.41		0.7	2.886	91.3
945	2/23/2009 11:01	10.54	46.422	30	8.38		0.7	2.872	91
946	2/23/2009 11:16	10.54	46.32	29.93	8.31		0.5	2.834	90.2
947	2/23/2009 11:31	10.55	46.208	29.85	8.15		0.4	2.783	88.5
948	2/23/2009 11:46	10.61	46.008	29.71	8.08		0.7	2.71	87.7
949	2/23/2009 12:01	10.68	45.864	29.61	8.1		0.9	2.624	88
950	2/23/2009 12:16	10.69	45.698	29.49	8.13		1.1	2.528	88.3
951	2/23/2009 12:31	10.72	45.502	29.35	8.09		1.2	2.41	87.8
952	2/23/2009 12:46	10.79	45.005	29	8.27		5.4	2.319	89.7
953	2/23/2009 13:01	10.83	44.675	28.77	8.34		2.6	2.223	90.4
954	2/23/2009 13:16	10.83	44.469	28.62	8.5		15.4	2.13	92
955	2/23/2009 13:31	10.83	44.389	28.56	8.58			2.028	92.9
956	2/23/2009 13:46	10.84	44.255	28.47	8.6		8.1	1.914	93.1
957	2/23/2009 14:01	10.86	44.175	28.41	8.63		5.2	1.804	93.4
958	2/23/2009 14:16	10.87	44.033	28.31	8.54		4.1	1.69	92.4
959	2/23/2009 14:31	10.9	43.849	28.18	8.39		3.7	1.551	90.7
960	2/23/2009 14:46	10.94	43.635	28.03	8.35		3.2	1.437	90.3
961	2/23/2009 15:01	11.01	43.353	27.83	8.28		3.1	1.318	89.6
962	2/23/2009 15:16	11.07	42.995	27.58	8.16		2.9	1.207	88.3
963	2/23/2009 15:31	11.16	42.771	27.43	8.14		3.1	1.085	88.1
964	2/23/2009 15:46	11.29	42.744	27.41	8.34		3.7	0.972	90.5
965	2/23/2009 16:01	11.39	42.676	27.37	8.44		3.8	0.864	91.8
966	2/23/2009 16:16	11.48	42.549	27.28	8.47		4	0.755	92.3
967	2/23/2009 16:31	11.55	42.519	27.27	8.4		4.2	0.69	91.7
968	2/23/2009 16:46	11.55	42.3	27.11	8.26		3.1	0.617	90
969	2/23/2009 17:01	11.59	42.24	27.07	8.17		3	0.59	89.1
970	2/23/2009 17:16	11.59	42.171	27.02	7.99		2	0.566	87.1
971	2/23/2009 17:31	11.62	42.208	27.05	7.97		1.8	0.581	86.9
972	2/23/2009 17:46	11.65	42.46	27.23	7.9		1.7	0.633	86.3
973	2/23/2009 18:01	11.65	42.5	27.26	7.84		1.5	0.662	85.7
974	2/23/2009 18:16	11.61	42.171	27.02	8.11		3.1	0.745	88.5
975	2/23/2009 18:31	11.57	41.634	26.64	8.1		3.7	0.825	88
976	2/23/2009 18:46	11.54	41.297	26.4	8.19		5.5	0.905	88.8
977	2/23/2009 19:01	11.53	41.127	26.28	8.25		4.3	1	89.3
978	2/23/2009 19:16	11.51	41.02	26.2	8.24		3.9	1.081	89.2
979	2/23/2009 19:31	11.49	40.963	26.16	8.23		3.4	1.174	89.1

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	Depthn meters	DO%
980	2/23/2009 19:46	11.45	40.983	26.18	8.32		4.2	1.27	89.9
981	2/23/2009 20:01	11.42	40.998	26.19	8.24		3.9	1.351	89.1
982	2/23/2009 20:16	11.33	41.441	26.49	8.46		3.5	1.435	91.4
983	2/23/2009 20:31	11.22	42.378	27.15	8.58		3.8	1.534	92.8
984	2/23/2009 20:46	11.13	42.695	27.37	8.61		4.1	1.62	93.2
985	2/23/2009 21:01	11.09	42.675	27.36	8.57		3.8	1.698	92.6
986	2/23/2009 21:16	11	42.833	27.46	8.63		3.8	1.787	93.1
987	2/23/2009 21:31	10.95	43.079	27.64	8.64		3.6	1.877	93.2
988	2/23/2009 21:46	10.93	43.427	27.88	8.66		3.4	1.956	93.6
989	2/23/2009 22:01	10.9	43.71	28.08	8.65		3.5	2.043	93.5
990	2/23/2009 22:16	10.86	43.916	28.23	8.67		3.2	2.129	93.8
991	2/23/2009 22:31	10.83	44.117	28.37	8.68		3	2.209	93.9
992	2/23/2009 22:46	10.81	44.365	28.54	8.67		2.6	2.29	93.8
993	2/23/2009 23:01	10.78	44.644	28.74	8.67		2.4	2.363	93.9
994	2/23/2009 23:16	10.75	44.895	28.92	8.66		2.1	2.42	93.8
995	2/23/2009 23:31	10.72	45.132	29.09	8.61		1.8	2.474	93.3
996	2/23/2009 23:46	10.7	45.223	29.15	8.54		1.5	2.498	92.5
997	2/24/2009 0:01	10.7	45.246	29.17	8.5		1.5	2.515	92.1
998	2/24/2009 0:16	10.7	45.237	29.16	8.45		1.5	2.508	91.6
999	2/24/2009 0:31	10.71	45.142	29.09	8.4		1.3	2.476	91
1000	2/24/2009 0:46	10.72	44.922	28.94	8.19		1	2.433	88.6
1001	2/24/2009 1:01	10.72	44.65	28.74	8.11		1	2.366	87.7
1002	2/24/2009 1:16	10.72	44.348	28.53	8.01		1.5	2.281	86.5
1003	2/24/2009 1:31	10.72	44.078	28.34	8.08		1.8	2.191	87.2
1004	2/24/2009 1:46	10.73	43.883	28.2	8.05		1.9	2.122	86.8
1005	2/24/2009 2:01	10.74	43.671	28.05	8.02		2.1	2.038	86.4
1006	2/24/2009 2:16	10.75	43.315	27.8	8.01		2.1	1.947	86.1
1007	2/24/2009 2:31	10.75	43.074	27.62	7.99		2.2	1.871	85.8
1008	2/24/2009 2:46	10.75	42.88	27.49	7.96		2.1	1.808	85.4
1009	2/24/2009 3:01	10.76	42.711	27.37	7.95		2.2	1.728	85.3
1010	2/24/2009 3:16	10.78	42.567	27.27	7.9		2.3	1.668	84.7
1011	2/24/2009 3:31	10.79	42.335	27.1	7.86		2.3	1.599	84.3
1012	2/24/2009 3:46	10.8	42.125	26.96	7.79		2.3	1.531	83.5
1013	2/24/2009 4:01	10.81	41.815	26.74	7.74		2.3	1.468	82.9
1014	2/24/2009 4:16	10.82	41.574	26.57	7.71		2.4	1.405	82.5
1015	2/24/2009 4:31	10.83	41.475	26.5	7.67		2.6	1.376	82
1016	2/24/2009 4:46	10.83	41.374	26.43	7.67		2.4	1.332	81.9
1017	2/24/2009 5:01	10.84	41.319	26.39	7.65		2.4	1.307	81.7
1018	2/24/2009 5:16	10.84	41.309	26.38	7.65		2.6	1.302	81.7
1019	2/24/2009 5:31	10.84	41.293	26.37	7.6		2.4	1.297	81.2
1020	2/24/2009 5:46	10.84	41.351	26.41	7.53		2.3	1.328	80.4
1021	2/24/2009 6:01	10.84	41.405	26.45	7.29		1.8	1.365	77.9
1022	2/24/2009 6:16	10.83	41.57	26.56	6.94		1.2	1.404	74.2
1023	2/24/2009 6:31	10.82	41.875	26.78	7.94		2.6	1.465	85
1024	2/24/2009 6:46	10.81	41.857	26.77	8.22		2.8	1.531	88
1025	2/24/2009 7:01	10.8	41.803	26.73	8.2		2.9	1.599	87.7
1026	2/24/2009 7:16	10.8	41.834	26.75	8.18		2.6	1.679	87.5
1027	2/24/2009 7:31	10.79	42.182	27	8.46		3.1	1.759	90.6
1028	2/24/2009 7:46	10.76	42.559	27.26	8.51		3.1	1.835	91.3

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1029	2/24/2009 8:01	10.75	42.921	27.52	8.5		3.1	1.91	91.3
1030	2/24/2009 8:16	10.74	43.07	27.62	8.54		3.2	1.988	91.8
1031	2/24/2009 8:31	10.74	43.1	27.64	8.56		2.9	2.075	91.9
1032	2/24/2009 8:46	10.75	43.378	27.84	8.61		2.7	2.156	92.6
1033	2/24/2009 9:01	10.72	43.81	28.15	8.59		2.6	2.253	92.6
1034	2/24/2009 9:16	10.68	44.006	28.28	8.62		2.9	2.343	92.9
1035	2/24/2009 9:31	10.66	44.113	28.36	8.64		2.9	2.424	93.1
1036	2/24/2009 9:46	10.63	44.23	28.44	8.65		2.9	2.502	93.2
1037	2/24/2009 10:01	10.59	44.458	28.6	8.7		2.9	2.577	93.7
1038	2/24/2009 10:16	10.57	44.593	28.69	8.69		2.6	2.646	93.6
1039	2/24/2009 10:31	10.54	44.766	28.82	8.69		2.4	2.716	93.7
1040	2/24/2009 10:46	10.54	44.845	28.87	8.66		2.3	2.748	93.4
1041	2/24/2009 11:01	10.52	44.954	28.95	8.62		1.9	2.793	92.9
1042	2/24/2009 11:16	10.51	45.023	29	8.53		1.6	2.825	92
1043	2/24/2009 11:31	10.51	45.01	28.99	8.5		1.5	2.813	91.7
1044	2/24/2009 11:46	10.51	44.929	28.93	8.46		1.5	2.774	91.2
1045	2/24/2009 12:01	10.5	44.821	28.85	8.27		1.2	2.736	89.1
1046	2/24/2009 12:16	10.51	44.711	28.78	8.14		1.2	2.684	87.7
1047	2/24/2009 12:31	10.65	44.415	28.57	8.05		1.8	2.574	86.9
1048	2/24/2009 12:46	10.71	44.24	28.45	8.07		1.8	2.474	87.1
1049	2/24/2009 13:01	10.77	44.07	28.33	8.05		1.6	2.377	86.9
1050	2/24/2009 13:16	10.84	43.891	28.21	8.02		1.8	2.272	86.6
1051	2/24/2009 13:31	10.88	43.48	27.92	7.98		1.8	2.158	86.2
1052	2/24/2009 13:46	10.93	43.144	27.68	7.98		1.9	2.049	86.1
1053	2/24/2009 14:01	10.98	42.958	27.55	7.92		1.8	1.946	85.5
1054	2/24/2009 14:16	11.04	42.635	27.33	7.83		1.8	1.847	84.5
1055	2/24/2009 14:31	11.1	42.098	26.95	7.7		1.8	1.716	83
1056	2/24/2009 14:46	11.19	42.131	26.98	7.91		3.4	1.607	85.4
1057	2/24/2009 15:01	11.21	41.843	26.77	7.61		1.9	1.484	82.1
1058	2/24/2009 15:16	11.27	41.762	26.72	7.67		2.4	1.358	82.9
1059	2/24/2009 15:31	11.35	41.899	26.82	8.01		3.1	1.238	86.8
1060	2/24/2009 15:46	11.47	41.934	26.85	8.3		3.1	1.135	90.2
1061	2/24/2009 16:01	11.55	41.772	26.74	8.39		2.9	0.999	91.2
1062	2/24/2009 16:16	11.61	41.66	26.66	8.38		3.2	0.878	91.2
1063	2/24/2009 16:31	11.7	41.705	26.7	8.5		3.2	0.788	92.7
1064	2/24/2009 16:46	11.73	41.654	26.66	8.47		3.4	0.689	92.4
1065	2/24/2009 17:01	11.76	41.611	26.63	8.45		3.3	0.612	92.2
1066	2/24/2009 17:16	11.77	41.484	26.54	8.37		2.6	0.569	91.3
1067	2/24/2009 17:31	11.77	41.324	26.43	8.2		1.9	0.534	89.4
1068	2/24/2009 17:46	11.78	41.279	26.4	8.11		1.8	0.517	88.4
1069	2/24/2009 18:01	11.8	41.387	26.47	8.15		1.6	0.545	89
1070	2/24/2009 18:16	11.83	41.677	26.68	8.02		1.2	0.585	87.6
1071	2/24/2009 18:31	11.8	41.701	26.7	8.15		2.2	0.648	89.1
1072	2/24/2009 18:46	11.72	40.962	26.17	8.2		3.2	0.716	89.2
1073	2/24/2009 19:01	11.69	40.673	25.97	8.26		3.4	0.798	89.7
1074	2/24/2009 19:16	11.67	40.375	25.76	8.38		3.6	0.883	90.8
1075	2/24/2009 19:31	11.65	40.246	25.66	8.45		3.8	0.985	91.5
1076	2/24/2009 19:46	11.62	40.117	25.57	8.44		3.8	1.08	91.3
1077	2/24/2009 20:01	11.59	40.074	25.54	8.49		3.6	1.165	91.6

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	Depthn meters	DO%
1078	2/24/2009 20:16	11.56	40.071	25.54	8.58		3.8	1.269	92.5
1079	2/24/2009 20:31	11.51	40.224	25.64	8.62		3.4	1.354	93
1080	2/24/2009 20:46	11.44	40.479	25.82	8.84		4	1.446	95.3
1081	2/24/2009 21:01	11.37	41.043	26.22	8.82		3.7	1.537	95.2
1082	2/24/2009 21:16	11.34	41.802	26.75	8.79		3.5	1.632	95.1
1083	2/24/2009 21:31	11.31	42.023	26.91	8.8		4	1.719	95.3
1084	2/24/2009 21:46	11.28	42.016	26.9	8.76		3.7	1.813	94.8
1085	2/24/2009 22:01	11.24	42.253	27.06	8.78		3.9	1.904	95.1
1086	2/24/2009 22:16	11.19	42.624	27.33	8.8		4.4	1.995	95.2
1087	2/24/2009 22:31	11.11	42.761	27.42	8.79		4.5	2.086	95.1
1088	2/24/2009 22:46	11.06	42.975	27.57	8.8		4.5	2.168	95.2
1089	2/24/2009 23:01	11.03	43.222	27.74	8.8		4.6	2.258	95.2
1090	2/24/2009 23:16	10.91	43.762	28.12	8.84		4.9	2.355	95.6
1091	2/24/2009 23:31	10.81	44.136	28.38	8.86		5.3	2.424	95.8
1092	2/24/2009 23:46	10.76	44.328	28.52	8.85		4.9	2.486	95.6
1093	2/25/2009 0:01	10.73	44.48	28.62	8.78		4.2	2.541	94.9
1094	2/25/2009 0:16	10.72	44.522	28.65	8.75		3.8	2.564	94.5
1095	2/25/2009 0:31	10.71	44.561	28.68	8.69		3.6	2.59	93.9
1096	2/25/2009 0:46	10.72	44.553	28.67	8.64		3.7	2.585	93.4
1097	2/25/2009 1:01	10.73	44.492	28.63	8.6		3.1	2.542	93
1098	2/25/2009 1:16	10.74	44.286	28.48	8.4		2.4	2.48	90.7
1099	2/25/2009 1:31	10.76	44.065	28.33	8.26		2.3	2.411	89.2
1100	2/25/2009 1:46	10.81	43.606	28	8.26		2.4	2.32	89.1
1101	2/25/2009 2:01	10.86	43.111	27.66	8.3		2.5	2.206	89.4
1102	2/25/2009 2:16	10.89	42.874	27.49	8.28		2.4	2.124	89.2
1103	2/25/2009 2:31	10.92	42.668	27.34	8.22		2.4	2.02	88.4
1104	2/25/2009 2:46	10.93	42.457	27.2	8.19		2.4	1.934	88.1
1105	2/25/2009 3:01	10.94	42.151	26.98	8.2		2.4	1.844	88.2
1106	2/25/2009 3:16	10.96	42.051	26.91	8.21		2.2	1.755	88.3
1107	2/25/2009 3:31	10.98	41.924	26.82	8.17		2.2	1.662	87.7
1108	2/25/2009 3:46	11	41.479	26.51	8.14		2.2	1.565	87.3
1109	2/25/2009 4:01	11.01	40.947	26.13	8.12		2.4	1.5	86.9
1110	2/25/2009 4:16	11.03	40.549	25.85	8.05		2.3	1.413	86
1111	2/25/2009 4:31	11.04	40.4	25.75	8.02		2.5	1.342	85.7
1112	2/25/2009 4:46	11.05	40.347	25.71	8.07		2.6	1.269	86.3
1113	2/25/2009 5:01	11.05	40.328	25.7	8.08		2.6	1.2	86.3
1114	2/25/2009 5:16	11.06	40.314	25.69	8.13		2.9	1.145	86.9
1115	2/25/2009 5:31	11.08	40.312	25.69	8.11		2.9	1.114	86.7
1116	2/25/2009 5:46	11.08	40.313	25.69	8.1		2.9	1.114	86.6
1117	2/25/2009 6:01	11.1	40.31	25.69	8.07		2.7	1.093	86.3
1118	2/25/2009 6:16	11.1	40.31	25.69	8.04		2.7	1.104	86
1119	2/25/2009 6:31	11.11	40.267	25.66	7.51		1.6	1.168	80.3
1120	2/25/2009 6:46	11.12	40.41	25.76	7.13		1.3	1.194	76.3
1121	2/25/2009 7:01	11.11	41.07	26.22	8.04		2.9	1.269	86.3
1122	2/25/2009 7:16	11.08	40.511	25.83	8.13		3.1	1.352	87
1123	2/25/2009 7:31	11.07	40.398	25.75	8.04		2.6	1.423	85.9
1124	2/25/2009 7:46	11.11	41.097	26.24	8.47		3.3	1.515	91
1125	2/25/2009 8:01	11.11	41.209	26.32	8.49		3.1	1.58	91.2
1126	2/25/2009 8:16	11.09	41.248	26.35	8.48		3.1	1.664	91

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1127	2/25/2009 8:31	11.05	41.451	26.49	8.52		3.2	1.732	91.4
1128	2/25/2009 8:46	11	41.934	26.83	8.56		3.1	1.825	92.1
1129	2/25/2009 9:01	11	42.23	27.04	8.62		3.1	1.905	92.8
1130	2/25/2009 9:16	11	42.537	27.26	8.65		3.4	1.979	93.3
1131	2/25/2009 9:31	11.01	42.687	27.36	8.67		3.4	2.071	93.5
1132	2/25/2009 9:46	10.99	42.849	27.48	8.69		3.3	2.152	93.8
1133	2/25/2009 10:01	10.92	43.023	27.6	8.72		4.2	2.246	94
1134	2/25/2009 10:16	10.87	43.212	27.73	8.75		4.3	2.333	94.3
1135	2/25/2009 10:31	10.85	43.438	27.89	8.79		4.5	2.413	94.8
1136	2/25/2009 10:46	10.82	43.621	28.02	8.79		4.5	2.502	94.8
1137	2/25/2009 11:01	10.8	43.823	28.16	8.82		4.3	2.567	95.2
1138	2/25/2009 11:16	10.76	44.031	28.3	8.81		4.1	2.648	95.1
1139	2/25/2009 11:31	10.73	44.179	28.41	8.79		3.8	2.693	94.9
1140	2/25/2009 11:46	10.7	44.26	28.46	8.76		3.4	2.731	94.6
1141	2/25/2009 12:01	10.68	44.309	28.5	8.65		2.7	2.753	93.3
1142	2/25/2009 12:16	10.69	44.277	28.48	8.64		2.8	2.737	93.2
1143	2/25/2009 12:31	10.69	44.235	28.45	8.62		2.6	2.707	93
1144	2/25/2009 12:46	10.69	44.11	28.36	8.49		2.1	2.667	91.5
1145	2/25/2009 13:01	10.77	43.866	28.19	8.28		2	2.587	89.3
1146	2/25/2009 13:16	10.87	43.593	28	8.25		2.3	2.483	89.1
1147	2/25/2009 13:31	10.92	43.395	27.86	8.24		2.2	2.396	89
1148	2/25/2009 13:46	10.97	43.13	27.67	8.21		2.3	2.296	88.6
1149	2/25/2009 14:01	11.03	42.856	27.48	8.15		2.3	2.164	88.1
1150	2/25/2009 14:16	11.08	42.69	27.37	8.13		2.1	2.06	87.9
1151	2/25/2009 14:31	11.13	42.443	27.19	8.09		2	1.967	87.4
1152	2/25/2009 14:46	11.17	42.102	26.96	7.98		2	1.856	86.2
1153	2/25/2009 15:01	11.21	41.53	26.55	7.9		2.1	1.743	85.1
1154	2/25/2009 15:16	11.28	41.324	26.41	7.97		6.5	1.62	85.9
1155	2/25/2009 15:31	11.36	41.34	26.42	8.22		5.9	1.49	88.8
1156	2/25/2009 15:46	11.44	41.422	26.49	8.46		6	1.388	91.6
1157	2/25/2009 16:01	11.51	41.443	26.5	8.66		7.9	1.271	93.9
1158	2/25/2009 16:16	11.59	41.359	26.45	8.73		7	1.144	94.8
1159	2/25/2009 16:31	11.66	41.3	26.41	8.77		7.3	1.043	95.4
1160	2/25/2009 16:46	11.72	41.239	26.37	8.77		5.1	0.936	95.5
1161	2/25/2009 17:01	11.75	41.11	26.28	8.63		4.5	0.827	93.9
1162	2/25/2009 17:16	11.77	41.05	26.24	8.54		4	0.724	92.9
1163	2/25/2009 17:31	11.78	40.944	26.16	8.45		3.5	0.656	92
1164	2/25/2009 17:46	11.78	40.677	25.97	8.21		2.9	0.602	89.3
1165	2/25/2009 18:01	11.79	40.632	25.94	8.06		2.1	0.572	87.6
1166	2/25/2009 18:16	11.8	40.606	25.92	8.01		2	0.562	87.1
1167	2/25/2009 18:31	11.81	40.66	25.96	8		1.9	0.575	87
1168	2/25/2009 18:46	11.83	41.005	26.21	7.99		1.8	0.638	87.1
1169	2/25/2009 19:01	11.83	41.088	26.26	8.16		2.7	0.683	89
1170	2/25/2009 19:16	11.77	40.293	25.7	8.26		3.7	0.762	89.6
1171	2/25/2009 19:31	11.75	39.856	25.39	8.27		4	0.847	89.6
1172	2/25/2009 19:46	11.74	39.6	25.21	8.44		4.1	0.938	91.2
1173	2/25/2009 20:01	11.72	39.398	25.07	8.49		4.3	1.029	91.6
1174	2/25/2009 20:16	11.7	39.269	24.98	8.46		4.2	1.128	91.3
1175	2/25/2009 20:31	11.7	39.501	25.14	8.63		4.2	1.214	93.2

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	Depthn meters	DO%
1176	2/25/2009 20:46	11.7	40.196	25.63	8.65		3.2	1.314	93.7
1177	2/25/2009 21:01	11.65	40.843	26.09	8.67		3.2	1.415	94
1178	2/25/2009 21:16	11.54	41.139	26.29	8.72		3.4	1.508	94.5
1179	2/25/2009 21:31	11.47	41.515	26.55	8.72		3.3	1.598	94.6
1180	2/25/2009 21:46	11.45	41.913	26.83	8.73		3.4	1.7	94.8
1181	2/25/2009 22:01	11.4	42.016	26.9	8.74		3.5	1.788	94.8
1182	2/25/2009 22:16	11.36	42.068	26.94	8.74		3.6	1.88	94.8
1183	2/25/2009 22:31	11.31	42.215	27.04	8.74		3.8	1.973	94.8
1184	2/25/2009 22:46	11.27	42.357	27.14	8.77		4.2	2.064	95
1185	2/25/2009 23:01	11.21	42.565	27.28	8.8		4.6	2.168	95.3
1186	2/25/2009 23:16	11.16	42.774	27.43	8.8		4.4	2.253	95.3
1187	2/25/2009 23:31	11.08	43.075	27.64	8.83		4.3	2.349	95.6
1188	2/25/2009 23:46	10.95	43.529	27.96	8.9		5	2.438	96.2
1189	2/26/2009 0:01	10.88	43.77	28.12	8.9		4.6	2.523	96.2
1190	2/26/2009 0:16	10.85	43.887	28.21	8.88		3.9	2.575	96
1191	2/26/2009 0:31	10.83	43.946	28.25	8.85		3.7	2.623	95.6
1192	2/26/2009 0:46	10.82	43.9	28.21	8.77		3.2	2.664	94.7
1193	2/26/2009 1:01	10.82	43.996	28.28	8.73		3.1	2.672	94.3
1194	2/26/2009 1:16	10.83	43.973	28.27	8.74		2.7	2.638	94.4
1195	2/26/2009 1:31	10.83	43.898	28.21	8.58		2.4	2.59	92.7
1196	2/26/2009 1:46	10.83	43.745	28.1	8.43		2	2.519	91
1197	2/26/2009 2:01	10.86	43.49	27.92	8.28		2	2.442	89.4
1198	2/26/2009 2:16	10.91	43.032	27.6	8.3		2.1	2.331	89.5
1199	2/26/2009 2:31	10.93	42.749	27.4	8.3		2.3	2.234	89.4
1200	2/26/2009 2:46	10.95	42.518	27.24	8.26		2.2	2.133	88.9
1201	2/26/2009 3:01	10.99	42.315	27.1	8.22		2.1	2.021	88.5
1202	2/26/2009 3:16	11.02	42.167	26.99	8.22		2.1	1.928	88.5
1203	2/26/2009 3:31	11.04	42.048	26.91	8.22		2.1	1.812	88.5
1204	2/26/2009 3:46	11.06	41.936	26.83	8.17		1.9	1.734	88
1205	2/26/2009 4:01	11.08	41.601	26.6	8.14		1.9	1.629	87.6
1206	2/26/2009 4:16	11.11	41.198	26.31	8.14		1.8	1.518	87.4
1207	2/26/2009 4:31	11.13	40.861	26.08	8.1		1.8	1.421	86.9
1208	2/26/2009 4:46	11.16	40.273	25.67	8		2	1.336	85.7
1209	2/26/2009 5:01	11.17	39.828	25.35	7.98		2.4	1.257	85.3
1210	2/26/2009 5:16	11.19	39.672	25.24	8.05		2.6	1.152	86
1211	2/26/2009 5:31	11.2	39.641	25.22	8.09		2.6	1.075	86.4
1212	2/26/2009 5:46	11.21	39.632	25.22	8.08		2.6	1.023	86.4
1213	2/26/2009 6:01	11.23	39.623	25.21	8.09		2.7	0.947	86.5
1214	2/26/2009 6:16	11.24	39.594	25.19	8.09		2.8	0.941	86.5
1215	2/26/2009 6:31	11.26	39.621	25.21	8.05		2.9	0.926	86.1
1216	2/26/2009 6:46	11.26	39.622	25.21	8.01		2.6	0.938	85.7
1217	2/26/2009 7:01	11.28	39.621	25.21	7.88		1.8	0.98	84.3
1218	2/26/2009 7:16	11.29	39.646	25.23	7.06		1.3	1.016	75.6
1219	2/26/2009 7:31	11.34	40.346	25.72	7.5		2.4	1.096	80.6
1220	2/26/2009 7:46	11.35	40.569	25.88	8.37		3.5	1.182	90.1
1221	2/26/2009 8:01	11.32	40.287	25.68	8.25		3.4	1.265	88.7
1222	2/26/2009 8:16	11.32	40.205	25.62	8.19		3.2	1.348	87.9
1223	2/26/2009 8:31	11.33	40.469	25.81	8.39		3.4	1.422	90.3
1224	2/26/2009 8:46	11.32	40.563	25.88	8.44		3.4	1.532	90.8

sonde #4		Indian Island Long-Term Deployment Water Quality Data						TP #5	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1225	2/26/2009 9:01	11.29	40.547	25.86	8.45		3.4	1.609	90.8
1226	2/26/2009 9:16	11.24	40.801	26.04	8.4		2.9	1.688	90.3
1227	2/26/2009 9:31	11.2	41.549	26.57	8.52		3.1	1.761	91.8
1228	2/26/2009 9:46	11.2	41.778	26.73	8.58		3	1.844	92.6
1229	2/26/2009 10:01	11.2	42.143	26.99	8.64		3	1.921	93.4
1230	2/26/2009 10:16	11.2	42.291	27.09	8.61		2.9	2.007	93.1
1231	2/26/2009 10:31	11.17	42.403	27.17	8.67		3	2.091	93.7
1232	2/26/2009 10:46	11.13	42.51	27.24	8.68		3.3	2.169	93.8
1233	2/26/2009 11:01	11.07	42.694	27.37	8.7		3.5	2.264	94
1234	2/26/2009 11:16	10.97	42.861	27.48	8.77		3.9	2.34	94.6
1235	2/26/2009 11:31	10.93	43.051	27.62	8.81		3.7	2.43	95
1236	2/26/2009 11:46	10.9	43.238	27.75	8.81		3.5	2.502	95.1
1237	2/26/2009 12:01	10.86	43.372	27.84	8.79		3.1	2.564	94.8
1238	2/26/2009 12:16	10.82	43.6	28	8.78		2.9	2.612	94.7
1239	2/26/2009 12:31	10.76	43.867	28.19	8.73		2.4	2.662	94.2
1240	2/26/2009 12:46	10.74	43.927	28.23	8.62		2.2	2.669	93
1241	2/26/2009 13:01	10.75	43.88	28.2	8.56		2.3	2.654	92.3
1242	2/26/2009 13:16	10.77	43.687	28.06	8.47		1.9	2.61	91.3
1243	2/26/2009 13:31	10.77	43.506	27.93	8.37		1.6	2.576	90.1
1244	2/26/2009 13:46	10.81	43.227	27.74	8.24		1.6	2.491	88.7
1245	2/26/2009 14:01	10.94	43.02	27.59	8.2		2	2.396	88.4
1246	2/26/2009 14:16	11.02	42.786	27.43	8.22		1.9	2.294	88.7
1247	2/26/2009 14:31	11.09	42.567	27.28	8.15		2	2.184	88
1248	2/26/2009 14:46	11.14	42.415	27.18	8.08		1.9	2.076	87.3
1249	2/26/2009 15:01	11.2	42.241	27.05	8.04		1.8	1.96	87
1250	2/26/2009 15:16	11.24	41.842	26.77	8		1.8	1.842	86.4
1251	2/26/2009 15:31	11.28	41.369	26.44	7.92		1.7	1.748	85.4
1252	2/26/2009 15:46	11.32	40.772	26.02	7.83		2	1.652	84.3
1253	2/26/2009 16:01	11.36	40.552	25.87	7.85		2	1.53	84.5
1254	2/26/2009 16:16	11.39	40.414	25.77	7.77		2	1.418	83.6
1255	2/26/2009 16:31	11.42	40.214	25.63	7.71		2.1	1.276	83
1256	2/26/2009 16:46	11.46	40.085	25.54	7.65		2	1.189	82.3
1257	2/26/2009 17:01	11.49	39.855	25.38	7.55		2	1.083	81.2
1258	2/26/2009 17:16	11.52	39.629	25.23	7.72		2.6	0.938	83.1
1259	2/26/2009 17:31	11.56	39.626	25.23	7.75		2.4	0.857	83.4
1260	2/26/2009 17:46	11.59	39.61	25.22	7.76		2.6	0.777	83.6
1261	2/26/2009 18:01	11.62	39.602	25.21	7.8		2.9	0.708	84.1
1262	2/26/2009 18:16	11.64	39.6	25.21	7.78		2.8	0.661	83.9
1263	2/26/2009 18:31	11.66	39.596	25.21	7.74		2.7	0.635	83.5
1264	2/26/2009 18:46	11.67	39.598	25.21	7.56		2.5	0.639	81.6
1265	2/26/2009 19:01	11.68	39.601	25.21	7.28		1.9	0.682	78.6
1266	2/26/2009 19:16	11.69	39.612	25.22	6.99		1.6	0.71	75.5
1267	2/26/2009 19:31	11.73	40.086	25.55	7.07		1.8	0.778	76.6
1268	2/26/2009 19:46	11.72	40.497	25.84	8.58		2.9	0.87	93.1
1269	2/26/2009 20:01	11.7	40.051	25.53	8.46		3	0.949	91.6
1270	2/26/2009 20:16	11.69	39.736	25.31	8.45		2.9	1.031	91.3
1271	2/26/2009 20:31	11.68	39.422	25.09	8.45		3.2	1.136	91.2
1272	2/26/2009 20:46	11.67	39.321	25.02	8.42		3.2	1.224	90.8
1273	2/26/2009 21:01	11.65	39.26	24.97	8.57		3.3	1.332	92.4

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	DO%
1274	2/26/2009 21:16	11.63	39.251	24.97	8.41		3	1.425	90.6
1275	2/26/2009 21:31	11.58	39.388	25.06	8.72		3.2	1.509	93.9
1276	2/26/2009 21:46	11.51	40.111	25.56	8.81		3.2	1.617	95
1277	2/26/2009 22:01	11.48	41.269	26.38	8.72		2.9	1.694	94.4
1278	2/26/2009 22:16	11.46	41.576	26.59	8.74		3	1.804	94.7
1279	2/26/2009 22:31	11.43	41.759	26.72	8.78		3.2	1.89	95.2
1280	2/26/2009 22:46	11.39	41.931	26.84	8.78		3.1	1.986	95.2
1281	2/26/2009 23:01	11.35	42.097	26.96	8.79		3.1	2.055	95.3
1282	2/26/2009 23:16	11.24	42.232	27.05	8.8		3.7	2.16	95.2
1283	2/26/2009 23:31	11.13	42.458	27.21	8.88		3.7	2.24	95.9
1284	2/26/2009 23:46	11.09	42.628	27.32	8.87		3.7	2.313	95.8
1285	2/27/2009 0:01	10.99	43.217	27.74	8.88		3.8	2.42	96
1286	2/27/2009 0:16	10.89	43.757	28.12	8.94		4	2.495	96.6
1287	2/27/2009 0:31	10.81	44.105	28.36	8.92		3.5	2.555	96.4
1288	2/27/2009 0:46	10.77	44.265	28.47	8.92		3.4	2.633	96.4
1289	2/27/2009 1:01	10.73	44.342	28.52	8.91		3.2	2.664	96.2
1290	2/27/2009 1:16	10.71	44.414	28.57	8.84		2.8	2.705	95.5
1291	2/27/2009 1:31	10.7	44.447	28.6	8.8		2.4	2.713	95.1
1292	2/27/2009 1:46	10.72	44.367	28.54	8.76		2.5	2.672	94.6
1293	2/27/2009 2:01	10.71	44.237	28.45	8.67		2.4	2.639	93.6
1294	2/27/2009 2:16	10.73	43.963	28.25	8.49		2.2	2.558	91.6
1295	2/27/2009 2:31	10.77	43.596	28	8.34		2.2	2.464	89.9
1296	2/27/2009 2:46	10.82	43.023	27.59	8.31		1.9	2.384	89.4
1297	2/27/2009 3:01	10.86	42.55	27.26	8.34		2.1	2.263	89.6
1298	2/27/2009 3:16	10.88	42.305	27.09	8.28		2	2.147	88.9
1299	2/27/2009 3:31	10.88	42.149	26.98	8.25		1.8	2.046	88.5
1300	2/27/2009 3:46	10.87	41.923	26.82	8.24		1.9	1.938	88.4
1301	2/27/2009 4:01	10.89	41.717	26.67	8.2		1.8	1.825	87.8
1302	2/27/2009 4:16	10.92	41.337	26.4	8.16		1.8	1.722	87.4
1303	2/27/2009 4:31	10.94	40.603	25.89	8.12		1.8	1.63	86.7
1304	2/27/2009 4:46	10.95	39.869	25.37	8.02		2	1.526	85.3
1305	2/27/2009 5:01	10.93	39.572	25.16	7.99		2.1	1.429	84.9
1306	2/27/2009 5:16	10.91	39.487	25.1	8.01		2.3	1.312	85
1307	2/27/2009 5:31	10.9	39.471	25.09	8		2.2	1.216	84.8
1308	2/27/2009 5:46	10.89	39.46	25.08	7.97		2.3	1.105	84.6
1309	2/27/2009 6:01	10.89	39.456	25.08	7.97		2.4	1.014	84.5
1310	2/27/2009 6:16	10.89	39.455	25.08	7.96		2.3	0.934	84.4
1311	2/27/2009 6:31	10.89	39.454	25.08	7.97		2.5	0.872	84.5
1312	2/27/2009 6:46	10.89	39.454	25.08	7.95		2.4	0.828	84.3
1313	2/27/2009 7:01	10.89	39.455	25.08	7.92		2.4	0.791	84
1314	2/27/2009 7:16	10.89	39.456	25.08	7.89		2.4	0.786	83.7
1315	2/27/2009 7:31	10.89	39.455	25.08	7.87		2.3	0.829	83.4
1316	2/27/2009 7:46	10.9	39.463	25.09	7.3		1.5	0.884	77.4
1317	2/27/2009 8:01	10.91	39.525	25.13	6.68		1	0.916	70.9
1318	2/27/2009 8:16	10.91	40.2	25.6	8.13		2.7	0.989	86.5
1319	2/27/2009 8:31	10.84	39.593	25.18	8.15		2.7	1.088	86.4
1320	2/27/2009 8:46	10.81	39.189	24.89	8		2.8	1.165	84.6
1321	2/27/2009 9:01	10.81	39.039	24.79	8.1		3.1	1.263	85.6
1322	2/27/2009 9:16	10.82	38.885	24.68	8.13		2.9	1.338	85.8

sonde #4	Indian Island Long-Term Deployment Water Quality Data						TP #5		
			SpCond	Salinity	DO Conc	Turbidity+	Depthn		
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1323	2/27/2009 9:31	10.84	38.923	24.71	8.04		2.6	1.417	85
1324	2/27/2009 9:46	10.91	39.377	25.03	8.34		2.3	1.506	88.5
1325	2/27/2009 10:01	10.93	40.173	25.59	8.48		2.4	1.609	90.3
1326	2/27/2009 10:16	10.97	40.753	25.99	8.55		2.3	1.691	91.3
1327	2/27/2009 10:31	11	41.071	26.22	8.54		2	1.75	91.5
1328	2/27/2009 10:46	11.06	41.559	26.57	8.58		3	1.853	92.2
1329	2/27/2009 11:01	11.07	41.603	26.6	8.63		2.3	1.925	92.7
1330	2/27/2009 11:16	11.08	41.725	26.68	8.6		2	1.989	92.6
1331	2/27/2009 11:31	11.04	42.093	26.94	8.6		2	2.079	92.6
1332	2/27/2009 11:46	10.97	42.354	27.12	8.68		2.4	2.16	93.4
1333	2/27/2009 12:01	10.93	42.597	27.3	8.7		2.3	2.225	93.6
1334	2/27/2009 12:16	10.89	42.841	27.47	8.71		2.1	2.3	93.7
1335	2/27/2009 12:31	10.86	43.037	27.6	8.71		2	2.376	93.8
1336	2/27/2009 12:46	10.82	43.395	27.86	8.73		2	2.441	94.1
1337	2/27/2009 13:01	10.79	43.586	27.99	8.7		1.7	2.474	93.8
	Mean	9.47	43.30	27.71	8.43		2.47	1.76	88.07
	Minimum	7.19	38.89	24.68	6.63		0.40	0.51	68.20
	Maximum	11.83	48.42	31.29	9.30		19.50	2.89	97.30
	Standard Dev.	1.38	1.67	1.16	0.48		1.53	0.58	5.19

pH Data discarded due to probe instability

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+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
0	2/27/2009 13:46	10.75	41.514	26.52	8.71	7.9		2.5	92.9
1	2/27/2009 14:01	10.78	41.767	26.7	8.61	7.92		2.455	92.1
2	2/27/2009 14:16	10.97	41.246	26.34	8.51	7.9		2.405	91.2
3	2/27/2009 14:31	11.24	40.477	25.81	8.31	7.86	7	2.326	89.2
4	2/27/2009 14:46	11.31	40.315	25.7	8.18	7.84	6.4	2.233	87.9
5	2/27/2009 15:01	11.32	40.13	25.57	8.14	7.83	5.6	2.142	87.4
6	2/27/2009 15:16	11.3	40.023	25.49	8.08	7.82	5.4	2.035	86.7
7	2/27/2009 15:31	11.34	39.668	25.25	8.04	7.83	5.2	1.94	86.2
8	2/27/2009 15:46	11.36	39.565	25.18	7.99	7.81	4.5	1.846	85.6
9	2/27/2009 16:01	11.38	39.543	25.16	7.93	7.82	4.2	1.73	85
10	2/27/2009 16:16	11.43	39.091	24.85	7.89	7.81	4.2	1.624	84.5
11	2/27/2009 16:31	11.46	38.865	24.69	7.86	7.81	3.7	1.528	84.2
12	2/27/2009 16:46	11.51	38.751	24.61	7.86	7.81	3.7	1.422	84.2
13	2/27/2009 17:01	11.54	38.72	24.59	7.83	7.8	3.8	1.31	84
14	2/27/2009 17:16	11.55	38.684	24.57	7.81	7.8	3.7	1.228	83.7
15	2/27/2009 17:31	11.58	38.522	24.45	7.78	7.79	3.7	1.116	83.5
16	2/27/2009 17:46	11.61	37.906	24.02	7.77	7.79	3.7	1.033	83.2
17	2/27/2009 18:01	11.64	38.039	24.12	7.77	7.78	3.9	0.926	83.3
18	2/27/2009 18:16	11.66	37.886	24.01	7.77	7.78	4.2	0.851	83.2
19	2/27/2009 18:31	11.68	38.025	24.11	7.76	7.78	4	0.807	83.2
20	2/27/2009 18:46	11.7	38.037	24.12	7.76	7.77	4.2	0.756	83.2
21	2/27/2009 19:01	11.71	38.233	24.26	7.72	7.77	4	0.731	82.9
22	2/27/2009 19:16	11.72	38.116	24.17	7.71	7.76	4.2	0.761	82.8
23	2/27/2009 19:31	11.73	38.015	24.1	7.7	7.78	3.8	0.75	82.7
24	2/27/2009 19:46	11.73	38.054	24.13	7.35	7.76	2.4	0.796	78.9
25	2/27/2009 20:01	11.77	38.384	24.36	6.66	7.65	1.1	0.866	71.7
26	2/27/2009 20:16	11.79	38.431	24.4	9.03	7.9	3.2	0.951	97.2
27	2/27/2009 20:31	11.78	37.64	23.84	8.79	7.91	3.3	1.026	94.3
28	2/27/2009 20:46	11.78	37.368	23.65	8.83	7.89	3.4	1.131	94.6
29	2/27/2009 21:01	11.75	37.359	23.65	8.85	7.89	3.5	1.221	94.8
30	2/27/2009 21:16	11.72	37.558	23.78	8.73	7.88	3.2	1.299	93.5
31	2/27/2009 21:31	11.71	37.607	23.82	8.77	7.88	2.9	1.402	93.9
32	2/27/2009 21:46	11.68	38.135	24.19	9.04	7.93	2.9	1.481	97
33	2/27/2009 22:01	11.6	38.853	24.69	8.98	7.93	2.8	1.573	96.5
34	2/27/2009 22:16	11.54	39.525	25.15	8.92	7.95	3	1.648	95.9
35	2/27/2009 22:31	11.5	39.75	25.31	8.89	7.93	2.7	1.724	95.6
36	2/27/2009 22:46	11.48	40.002	25.49	8.92	7.92	2.8	1.82	96.1
37	2/27/2009 23:01	11.41	40.667	25.95	8.93	7.97	2.9	1.91	96.3
38	2/27/2009 23:16	11.3	40.88	26.1	8.95	7.95	3.1	1.995	96.4
39	2/27/2009 23:31	11.2	40.461	25.8	8.99	7.96	3.4	2.097	96.4
40	2/27/2009 23:46	11.13	41.356	26.43	8.99	7.96	3.5	2.181	96.7
41	2/28/2009 0:01	11.03	41.372	26.43	9	7.96	3.5	2.281	96.6
42	2/28/2009 0:16	10.95	42.451	27.19	8.95	8	3.3	2.368	96.4
43	2/28/2009 0:31	10.87	42.831	27.46	8.95	7.95	3.4	2.444	96.3
44	2/28/2009 0:46	10.75	43.736	28.09	8.97		3.4	2.536	96.7
45	2/28/2009 1:01	10.71	43.767	28.11	8.98	7.99	3.1	2.602	96.7
46	2/28/2009 1:16	10.68	44.174	28.4	8.93	8.01	2.8	2.669	96.3
47	2/28/2009 1:31	10.66	44.293	28.49	8.89	7.98	2.5	2.719	95.9
48	2/28/2009 1:46	10.65	44.033	28.3	8.84	7.97	2.2	2.732	95.1

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
49	2/28/2009 2:01	10.64	44.127	28.37	8.81	7.99	2	2.744	94.9
50	2/28/2009 2:16	10.65	44.35	28.53	8.81	7.97	2.1	2.725	95
51	2/28/2009 2:31	10.66	43.91	28.21	8.73	7.97	1.8	2.668	94
52	2/28/2009 2:46	10.66	43.772	28.12	8.65	7.94	2.1	2.577	93.1
53	2/28/2009 3:01	10.7	43.347	27.82	8.63	7.94	2.6	2.49	92.7
54	2/28/2009 3:16	10.75	42.745	27.39	8.62	7.92	2.1	2.386	92.5
55	2/28/2009 3:31	10.8	42.057	26.91	8.63	7.94	2.3	2.263	92.5
56	2/28/2009 3:46	10.81	41.639	26.61	8.61	7.89	2.3	2.167	92
57	2/28/2009 4:01	10.83	40.962	26.14	8.61	7.88	2.1	2.056	91.8
58	2/28/2009 4:16	10.85	40.597	25.88	8.58	7.89	2.1	1.928	91.4
59	2/28/2009 4:31	10.88	40.345	25.7	8.54	7.88	2	1.836	90.9
60	2/28/2009 4:46	10.91	39.969	25.44	8.5	7.87	2	1.701	90.4
61	2/28/2009 5:01	10.92	39.35	25.01	8.49	7.87	2.1	1.59	90.1
62	2/28/2009 5:16	10.95	38.963	24.74	8.46	7.84	2	1.495	89.6
63	2/28/2009 5:31	10.98	38.114	24.15	8.35	7.81	2.4	1.381	88.2
64	2/28/2009 5:46	10.99	37.908	24	8.22	7.81	2.7	1.272	86.8
65	2/28/2009 6:01	11	37.912	24.01	8.17	7.81	2.8	1.154	86.2
66	2/28/2009 6:16	11.01	37.864	23.97	8.14	7.81	3	1.058	86
67	2/28/2009 6:31	11.03	38.028	24.09	8.12	7.8	2.9	0.947	85.9
68	2/28/2009 6:46	11.05	37.993	24.07	8.1	7.8	2.9	0.864	85.6
69	2/28/2009 7:01	11.06	38.035	24.09	8.09	7.79	2.9	0.789	85.6
70	2/28/2009 7:16	11.08	37.994	24.07	8.09	7.79	3	0.718	85.6
71	2/28/2009 7:31	11.09	38.034	24.1	8.07	7.78	3	0.695	85.5
72	2/28/2009 7:46	11.11	38.001	24.07	8.07	7.77	3.1	0.661	85.5
73	2/28/2009 8:01	11.11	37.834	23.96	8.06	7.79	3	0.663	85.3
74	2/28/2009 8:16	11.12	37.745	23.89	7.64	7.74	2.2	0.71	80.8
75	2/28/2009 8:31	11.13	38.07	24.12	7.37	7.71	2.1	0.745	78.1
76	2/28/2009 8:46	11.15	38.217	24.23	7.22	7.67	1.7	0.811	76.6
77	2/28/2009 9:01	11.19	38.774	24.62	8.57	7.87	2.9	0.878	91.2
78	2/28/2009 9:16	11.15	38.637	24.52	8.57	7.88	3.2	0.97	91.1
79	2/28/2009 9:31	11.13	38.429	24.37	8.48	7.87	2.8	1.062	90
80	2/28/2009 9:46	11.14	38.215	24.22	8.65	7.87	3.1	1.143	91.8
81	2/28/2009 10:01	11.12	37.892	24	8.57	7.85	3	1.237	90.7
82	2/28/2009 10:16	11.12	37.979	24.06	8.45	7.86	2.6	1.31	89.5
83	2/28/2009 10:31	11.11	38.917	24.71	8.63	7.88	3.1	1.389	91.8
84	2/28/2009 10:46	11.09	39.202	24.91	8.62	7.89	2.7	1.464	91.7
85	2/28/2009 11:01	11.09	39.51	25.13	8.59	7.91	2.5	1.538	91.6
86	2/28/2009 11:16	11.12	40.056	25.51	8.74	7.92	2.4	1.616	93.4
87	2/28/2009 11:31	11.14	40.6	25.89	8.76	7.92	2.4	1.685	93.9
88	2/28/2009 11:46	11.16	40.775	26.02	8.77		2.3	1.777	94.1
89	2/28/2009 12:01	11.15	40.962	26.15	8.77	7.93	2.3	1.845	94.1
90	2/28/2009 12:16	11.09	40.964	26.15	8.81	7.94	2.4	1.926	94.4
91	2/28/2009 12:31	11.02	41.401	26.45	8.8	7.89	2.6	2.001	94.3
92	2/28/2009 12:46	10.97	41.774	26.71	8.83		2.4	2.079	94.8
93	2/28/2009 13:01	10.96	41.926	26.82	8.83	7.93	2.4	2.158	94.8
94	2/28/2009 13:16	10.94	42.077	26.93	8.82	7.92	2.3	2.209	94.7
95	2/28/2009 13:31	10.88	42.147	26.97	8.75	7.96	2.1	2.266	93.9
96	2/28/2009 13:46	10.82	42.443	27.18	8.71	7.91	1.7	2.302	93.5
97	2/28/2009 14:01	10.76	43.037	27.6	8.6	7.94	1.5	2.34	92.4

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
98	2/28/2009 14:16	10.73	43.192	27.71	8.52	7.93	1.5	2.35	91.5
99	2/28/2009 14:31	10.73	42.977	27.56	8.51	7.94	1.5	2.344	91.4
100	2/28/2009 14:46	10.74	42.805	27.43	8.56	7.91	1.4	2.316	91.8
101	2/28/2009 15:01	10.77	42.16	26.98	8.49	7.94	1.3	2.268	90.8
102	2/28/2009 15:16	10.82	41.936	26.82	8.33	7.89	1.3	2.218	89.2
103	2/28/2009 15:31	10.98	41.566	26.57	8.3	7.87	1.7	2.132	89
104	2/28/2009 15:46	11.05	41.308	26.39	8.34	7.85	1.6	2.029	89.5
105	2/28/2009 16:01	11.07	41.393	26.45	8.31	7.85	1.6	1.971	89.2
106	2/28/2009 16:16	11.12	40.878	26.09	8.3	7.87	1.6	1.871	89.1
107	2/28/2009 16:31	11.16	40.582	25.88	8.3	7.86	1.8	1.767	89
108	2/28/2009 16:46	11.19	40.631	25.92	8.26	7.9	1.7	1.682	88.7
109	2/28/2009 17:01	11.2	40.198	25.61	8.22	7.84	1.8	1.618	88.1
110	2/28/2009 17:16	11.21	39.806	25.34	8.14	7.82	1.8	1.533	87.1
111	2/28/2009 17:31	11.23	38.953	24.74	8.1	7.82	2.7	1.431	86.4
112	2/28/2009 17:46	11.24	38.972	24.76	8.03	7.82	2	1.368	85.6
113	2/28/2009 18:01	11.27	38.583	24.49	7.99	7.79	2	1.276	85.2
114	2/28/2009 18:16	11.29	38.21	24.22	8.01	7.8	2	1.194	85.2
115	2/28/2009 18:31	11.31	38.167	24.2	8.01	7.79	2	1.117	85.2
116	2/28/2009 18:46	11.33	38.146	24.18	8.01	7.81	2	1.067	85.2
117	2/28/2009 19:01	11.35	38.137	24.18	7.99	7.79	2	0.984	85.1
118	2/28/2009 19:16	11.37	38.301	24.29	7.95	7.78	2	0.968	84.8
119	2/28/2009 19:31	11.38	38.186	24.21	7.93	7.78	2	0.954	84.5
120	2/28/2009 19:46	11.41	38.311	24.3	7.87	7.76	2	0.91	84
121	2/28/2009 20:01	11.41	38.343	24.32	7.83	7.77	1.8	0.934	83.5
122	2/28/2009 20:16	11.41	38.154	24.19	6.97	7.67	1.1	1.007	74.4
123	2/28/2009 20:31	11.42	38.161	24.2	6.71	7.69	0.9	1.023	71.6
124	2/28/2009 20:46	11.43	38.979	24.77	7.34	7.75	1.7	1.084	78.7
125	2/28/2009 21:01	11.4	38.642	24.53	8.53	7.89	3.1	1.178	91.2
126	2/28/2009 21:16	11.38	38.591	24.49	8.55	7.87	3	1.243	91.3
127	2/28/2009 21:31	11.37	38.314	24.3	8.65	7.88	2.9	1.324	92.3
128	2/28/2009 21:46	11.36	38.44	24.39	8.69	7.93	2.4	1.398	92.8
129	2/28/2009 22:01	11.34	38.761	24.61	8.67	7.91	2.7	1.471	92.5
130	2/28/2009 22:16	11.3	39.38	25.04	8.71	7.9	2.4	1.561	93.2
131	2/28/2009 22:31	11.24	40.009	25.48	8.7	7.9	2.3	1.633	93.2
132	2/28/2009 22:46	11.19	40.474	25.81	8.75	7.93	2.1	1.731	93.9
133	2/28/2009 23:01	11.15	41.077	26.23	8.8	7.9	2.2	1.822	94.5
134	2/28/2009 23:16	11.13	41.306	26.39	8.75	7.91	2.3	1.879	94.1
135	2/28/2009 23:31	11.03	41.997	26.88	8.83	7.9	2.7	1.995	95
136	2/28/2009 23:46	10.98	42.32	27.1	8.82	7.94	2.7	2.082	95
137	3/1/2009 0:01	10.94	42.484	27.22	8.81	7.95	2.7	2.161	94.9
138	3/1/2009 0:16	10.87	42.78	27.42	8.88	7.94	3	2.282	95.5
139	3/1/2009 0:31	10.81	43.116	27.66	8.87	7.95	3	2.372	95.4
140	3/1/2009 0:46	10.74	43.662	28.04	8.84		2.8	2.452	95.2
141	3/1/2009 1:01	10.66	43.946	28.24	8.86	7.97	2.6	2.551	95.3
142	3/1/2009 1:16	10.61	44.51	28.64	8.84	7.92	2.6	2.633	95.3
143	3/1/2009 1:31	10.58	44.559	28.67	8.79	7.96	2.3	2.677	94.7
144	3/1/2009 1:46	10.54	44.848	28.87	8.77	7.96	2	2.758	94.6
145	3/1/2009 2:01	10.53	44.975	28.96	8.73	7.97	1.9	2.804	94.2
146	3/1/2009 2:16	10.53	44.976	28.96	8.63	7.96	1.8	2.8	93

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
Sample #	Date & Time	Temp C	SpCond	Salinity	DO Conc	pH	Turbidity+	Depthn	DO%
			mS/cm	ppt	mg/L		NTU	meters	
147	3/1/2009 2:31	10.52	45.057	29.02	8.51	7.95	1.4	2.824	91.8
148	3/1/2009 2:46	10.53	44.934	28.94	8.46	7.94	1.5	2.794	91.2
149	3/1/2009 3:01	10.53	44.884	28.9	8.23	7.94	1	2.746	88.7
150	3/1/2009 3:16	10.57	44.55	28.66	8.08	7.91	1.2	2.661	87.1
151	3/1/2009 3:31	10.61	44.378	28.54	8.12	7.91	1.5	2.59	87.5
152	3/1/2009 3:46	10.63	43.861	28.18	8.17	7.91	1.5	2.494	87.9
153	3/1/2009 4:01	10.66	43.42	27.87	8.25	7.91	1.8	2.382	88.6
154	3/1/2009 4:16	10.68	42.903	27.5	8.26	7.91	1.8	2.273	88.6
155	3/1/2009 4:31	10.73	42.576	27.27	8.29	7.89	2.3	2.161	88.8
156	3/1/2009 4:46	10.78	42.409	27.15	8.36	7.9	3.1	2.072	89.7
157	3/1/2009 5:01	10.81	41.992	26.86	8.35	7.9	3.5	1.931	89.4
158	3/1/2009 5:16	10.84	41.4	26.45	8.3	7.9	2.5	1.832	88.7
159	3/1/2009 5:31	10.9	41.238	26.33	8.29	7.88	2.7	1.752	88.7
160	3/1/2009 5:46	10.93	40.541	25.84	8.21	7.85	2.4	1.628	87.6
161	3/1/2009 6:01	10.96	39.862	25.37	8.15	7.85	2.7	1.488	86.7
162	3/1/2009 6:16	11	39.906	25.4	8.13	7.83	2.7	1.428	86.6
163	3/1/2009 6:31	11.02	39.556	25.16	8.01	7.81	2.9	1.301	85.2
164	3/1/2009 6:46	11.03	39.106	24.84	7.89	7.8	2.3	1.177	83.8
165	3/1/2009 7:01	11.05	39.025	24.79	7.78	7.79	2.3	1.079	82.6
166	3/1/2009 7:16	11.06	38.643	24.52	7.66	7.77	2	0.98	81.2
167	3/1/2009 7:31	11.08	38.415	24.36	7.62	7.75	2.1	0.873	80.7
168	3/1/2009 7:46	11.11	38.331	24.3	7.59	7.73	2.1	0.801	80.5
169	3/1/2009 8:01	11.14	38.33	24.3	7.53	7.74	2.1	0.724	79.9
170	3/1/2009 8:16	11.16	38.28	24.27	7.48	7.75	2.1	0.692	79.4
171	3/1/2009 8:31	11.18	38.227	24.23	7.34	7.73	2	0.662	78
172	3/1/2009 8:46	11.2	38.274	24.27	7.25	7.71	2	0.641	77
173	3/1/2009 9:01	11.21	38.281	24.27	6.76	7.67	1.5	0.675	71.8
174	3/1/2009 9:16	11.23	38.371	24.34	6.47	7.65	1.8	0.711	68.8
175	3/1/2009 9:31	11.25	38.412	24.36	6.43	7.65	1.6	0.734	68.4
176	3/1/2009 9:46	11.26	39.039	24.8	7.38	7.73	7.3	0.82	78.8
177	3/1/2009 10:01	11.21	38.485	24.41	8.08	7.82	6.9	0.905	85.9
178	3/1/2009 10:16	11.19	38.233	24.24	8.12	7.8	6.5	0.982	86.2
179	3/1/2009 10:31	11.19	38.184	24.2	8.17	7.81	5.3	1.072	86.7
180	3/1/2009 10:46	11.18	38.455	24.39	8.19	7.82	4.6	1.137	87
181	3/1/2009 11:01	11.17	39.181	24.9	8.39	7.85	4.3	1.215	89.4
182	3/1/2009 11:16	11.16	39.499	25.12	8.44	7.85	4.2	1.313	90
183	3/1/2009 11:31	11.16	39.671	25.24	8.33	7.86	3.7	1.353	89
184	3/1/2009 11:46	11.16	40.137	25.57	8.38	7.86	3.2	1.447	89.7
185	3/1/2009 12:01	11.18	40.542	25.86	8.49	7.89	4.1	1.518	91
186	3/1/2009 12:16	11.2	40.697	25.97	8.44	7.87	3.9	1.574	90.6
187	3/1/2009 12:31	11.2	40.863	26.08	8.45	7.89	3.8	1.653	90.8
188	3/1/2009 12:46	11.17	41.113	26.26	8.56	7.89	4.1	1.727	92
189	3/1/2009 13:01	11.15	41.276	26.37	8.48	7.89	3.8	1.781	91.2
190	3/1/2009 13:16	11.12	41.482	26.52	8.59	7.91	3.8	1.865	92.4
191	3/1/2009 13:31	11.11	41.625	26.62	8.47	7.89	3.3	1.913	91.2
192	3/1/2009 13:46	11.1	41.773	26.72	8.49	7.9	2.9	1.985	91.4
193	3/1/2009 14:01	11.09	41.924	26.83	8.38	7.88	2.6	2.029	90.3
194	3/1/2009 14:16	11.08	42.126	26.97	8.39	7.92	2.3	2.087	90.4
195	3/1/2009 14:31	11.05	42.284	27.08	8.38	7.9	2	2.154	90.3

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
196	3/1/2009 14:46	11.04	42.386	27.15	8.28	7.89	1.8	2.181	89.3
197	3/1/2009 15:01	11.03	42.466	27.21	8.18	7.89	1.6	2.198	88.2
198	3/1/2009 15:16	11.01	42.506	27.23	7.96	7.88	1.4	2.221	85.8
199	3/1/2009 15:31	11.03	42.461	27.2	7.96	7.86	1.5	2.21	85.8
200	3/1/2009 15:46	11.07	42.311	27.1	7.85	7.86	1.2	2.158	84.7
201	3/1/2009 16:01	11.09	42.335	27.12	7.7	7.85	1.2	2.143	83.1
202	3/1/2009 16:16	11.15	42.097	26.95	7.59	7.84	1.1	2.093	81.9
203	3/1/2009 16:31	11.22	41.887	26.81	7.5	7.82	1.6	1.997	81
204	3/1/2009 16:46	11.24	41.739	26.7	7.62	7.84	2	1.924	82.3
205	3/1/2009 17:01	11.27	41.574	26.59	7.65	7.83	2	1.86	82.5
206	3/1/2009 17:16	11.3	41.332	26.42	7.65	7.83	2.3	1.783	82.6
207	3/1/2009 17:31	11.33	41.075	26.24	7.66	7.77	2.4	1.699	82.6
208	3/1/2009 17:46	11.36	40.857	26.08	7.61	7.82	2.3	1.635	82.1
209	3/1/2009 18:01	11.39	40.669	25.95	7.6	7.79	2.3	1.565	81.9
210	3/1/2009 18:16	11.42	40.403	25.77	7.59	7.81	2.2	1.5	81.7
211	3/1/2009 18:31	11.44	40.104	25.56	7.56	7.79	2.3	1.432	81.4
212	3/1/2009 18:46	11.46	39.895	25.41	7.51	7.78	2.1	1.38	80.8
213	3/1/2009 19:01	11.47	39.601	25.2	7.47	7.77	2.1	1.306	80.3
214	3/1/2009 19:16	11.48	39.442	25.09	7.45	7.76	2.3	1.268	80
215	3/1/2009 19:31	11.49	39.187	24.92	7.4	7.75	2.4	1.218	79.4
216	3/1/2009 19:46	11.5	39.054	24.82	7.34	7.77	2.4	1.186	78.8
217	3/1/2009 20:01	11.51	39.065	24.83	7.3	7.75	2.6	1.176	78.4
218	3/1/2009 20:16	11.52	39.068	24.83	7.27	7.75	2.4	1.17	78
219	3/1/2009 20:31	11.53	39.074	24.84	7.2	7.73	2.4	1.179	77.3
220	3/1/2009 20:46	11.54	39.158	24.9	6.58	7.73	2.1	1.207	70.7
221	3/1/2009 21:01	11.57	39.466	25.11	6.58	7.68	1.3	1.258	70.8
222	3/1/2009 21:16	11.57	39.6	25.21	6.69	7.72	1.5	1.295	72.1
223	3/1/2009 21:31	11.54	40.171	25.61	8.24	7.86	3.2	1.364	89
224	3/1/2009 21:46	11.54	40.285	25.69	8.47	7.89	3.4	1.432	91.5
225	3/1/2009 22:01	11.5	40.523	25.85	8.37	7.85	3.2	1.518	90.4
226	3/1/2009 22:16	11.5	40.631	25.93	8.46	7.89	3.5	1.583	91.4
227	3/1/2009 22:31	11.47	40.822	26.06	8.52	7.9	3.2	1.659	92.1
228	3/1/2009 22:46	11.36	41.448	26.5	8.61	7.9	3.2	1.747	93.1
229	3/1/2009 23:01	11.34	41.492	26.53	8.64	7.94	3.4	1.817	93.3
230	3/1/2009 23:16	11.32	41.656	26.65	8.5	7.91	3.8	1.886	91.9
231	3/1/2009 23:31	11.29	41.725	26.69	8.45	7.92	3.2	1.973	91.3
232	3/1/2009 23:46	11.24	42.014	26.9	8.55	7.92	3.4	2.071	92.4
233	3/2/2009 0:01	11.17	42.32	27.11	8.56	7.93	3.5	2.161	92.5
234	3/2/2009 0:16	11.13	42.552	27.27	8.55	7.92	3.1	2.247	92.5
235	3/2/2009 0:31	11.09	42.715	27.39	8.58	7.94	3.2	2.339	92.8
236	3/2/2009 0:46	11.04	43.017	27.6	8.62	7.93	3.5	2.447	93.2
237	3/2/2009 1:01	11	43.323	27.81	8.66	7.95	3.4	2.534	93.6
238	3/2/2009 1:16	10.95	43.592	28	8.63	7.95	3.1	2.617	93.4
239	3/2/2009 1:31	10.9	43.866	28.19	8.58	7.94	2.9	2.685	92.9
240	3/2/2009 1:46	10.84	44.235	28.45	8.59	7.94	2.6	2.759	93
241	3/2/2009 2:01	10.8	44.591	28.71	8.62	7.95	2.4	2.815	93.4
242	3/2/2009 2:16	10.79	44.687	28.77	8.56	7.95	2.3	2.857	92.7
243	3/2/2009 2:31	10.78	44.745	28.81	8.36	7.95	1.9	2.888	90.6
244	3/2/2009 2:46	10.78	44.749	28.82	8.25	7.94	1.9	2.898	89.4

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
245	3/2/2009 3:01	10.77	44.832	28.88	8.14	7.91	1.6	2.914	88.2
246	3/2/2009 3:16	10.78	44.718	28.79	8.16	7.91	1.7	2.866	88.4
247	3/2/2009 3:31	10.78	44.601	28.71	8.05	7.91	1.5	2.824	87.1
248	3/2/2009 3:46	10.8	44.388	28.56	7.93	7.9	1.8	2.79	85.8
249	3/2/2009 4:01	10.84	43.966	28.26	7.84	7.88	1.5	2.7	84.8
250	3/2/2009 4:16	10.87	43.56	27.97	8	7.88	1.8	2.61	86.3
251	3/2/2009 4:31	10.89	43.301	27.79	7.99	7.88	1.6	2.53	86.2
252	3/2/2009 4:46	10.91	43.011	27.59	7.99	7.88	1.7	2.443	86.1
253	3/2/2009 5:01	10.94	42.7	27.37	8.01	7.88	1.8	2.325	86.2
254	3/2/2009 5:16	10.97	42.492	27.22	7.98	7.88	1.8	2.232	85.9
255	3/2/2009 5:31	10.98	42.159	26.99	7.93	7.87	1.8	2.128	85.3
256	3/2/2009 5:46	11	41.836	26.76	7.89	7.86	2	2.016	84.8
257	3/2/2009 6:01	11.02	41.623	26.61	7.86	7.84	2	1.906	84.5
258	3/2/2009 6:16	11.04	41.35	26.42	7.81	7.83	1.9	1.797	83.8
259	3/2/2009 6:31	11.07	40.978	26.16	7.75	7.84	2	1.69	83
260	3/2/2009 6:46	11.09	40.668	25.94	7.62	7.81	2	1.582	81.6
261	3/2/2009 7:01	11.12	40.209	25.62	7.33	7.78	1.8	1.456	78.4
262	3/2/2009 7:16	11.14	39.936	25.43	7.01	7.74	1.7	1.369	74.9
263	3/2/2009 7:31	11.16	39.368	25.03	6.78	7.73	1.9	1.258	72.4
264	3/2/2009 7:46	11.18	38.915	24.71	6.83	7.71	2.1	1.157	72.7
265	3/2/2009 8:01	11.18	38.686	24.55	6.95	7.7	2.3	1.052	73.9
266	3/2/2009 8:16	11.2	38.431	24.38	7.16	7.72	2.6	0.947	76.1
267	3/2/2009 8:31	11.22	38.419	24.37	7.23	7.71	2.7	0.87	76.9
268	3/2/2009 8:46	11.24	38.322	24.3	7.3	7.73	2.7	0.792	77.6
269	3/2/2009 9:01	11.27	38.298	24.29	7.34	7.71	2.9	0.73	78.1
270	3/2/2009 9:16	11.29	38.247	24.25	7.35	7.71	2.8	0.687	78.2
271	3/2/2009 9:31	11.32	38.247	24.25	7.16	7.7	2.7	0.686	76.2
272	3/2/2009 9:46	11.35	38.278	24.27	7.23	7.7	2.8	0.672	77
273	3/2/2009 10:01	11.36	38.246	24.25	7.12	7.7	2.7	0.706	75.9
274	3/2/2009 10:16	11.38	38.28	24.28	6.18	7.66	1.8	0.738	65.9
275	3/2/2009 10:31	11.44	38.367	24.34	5.53	7.57	1.3	0.79	59.1
276	3/2/2009 10:46	11.63	39.435	25.09	7.92	7.8	5.1	0.86	85.3
277	3/2/2009 11:01	11.65	38.752	24.62	8.07	7.8	5.2	0.927	86.7
278	3/2/2009 11:16	11.68	38.166	24.21	8.06	7.8	5.2	1.002	86.5
279	3/2/2009 11:31	11.65	38.224	24.25	7.71	7.8	4	1.08	82.6
280	3/2/2009 11:46	11.58	38.608	24.51	8.02	7.82	4.8	1.14	86
281	3/2/2009 12:01	11.65	38.416	24.38	8.1	7.83	4.5	1.208	86.9
282	3/2/2009 12:16	11.67	38.432	24.39	7.99	7.82	4	1.277	85.8
283	3/2/2009 12:31	11.62	38.596	24.51	7.85	7.81	3.4	1.342	84.2
284	3/2/2009 12:46	11.51	39.411	25.07	7.96	7.82	3.2	1.399	85.6
285	3/2/2009 13:01	11.48	40.078	25.54	8.22	7.87	3.5	1.477	88.5
286	3/2/2009 13:16	11.55	40.194	25.62	8.28	7.86	3.8	1.524	89.4
287	3/2/2009 13:31	11.61	40.302	25.7	8.14	7.86	3.7	1.583	88.1
288	3/2/2009 13:46	11.67	40.605	25.92	8.3	7.87	3.8	1.651	90
289	3/2/2009 14:01	11.67	40.717	26	8.22	7.87	3.6	1.708	89.2
290	3/2/2009 14:16	11.63	41.033	26.22	8.34	7.87	3.5	1.767	90.5
291	3/2/2009 14:31	11.6	41.203	26.34	8.35	7.88	3.4	1.832	90.7
292	3/2/2009 14:46	11.58	41.376	26.46	8.32	7.9	3.2	1.891	90.3
293	3/2/2009 15:01	11.55	41.645	26.65	8.35	7.89	3	1.952	90.7

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
294	3/2/2009 15:16	11.54	41.734	26.71	8.2	7.9	2.7	1.99	89.1
295	3/2/2009 15:31	11.53	41.989	26.89	8.25	7.89	2.4	2.05	89.7
296	3/2/2009 15:46	11.52	42.045	26.93	8.25	7.89	2.2	2.076	89.8
297	3/2/2009 16:01	11.51	42.035	26.92	8.01	7.88	2.1	2.08	87.1
298	3/2/2009 16:16	11.5	42.136	26.99	7.9	7.88	1.8	2.102	85.9
299	3/2/2009 16:31	11.5	42.097	26.97	7.77	7.87	1.7	2.085	84.5
300	3/2/2009 16:46	11.52	42.064	26.94	7.8	7.88	1.6	2.064	84.8
301	3/2/2009 17:01	11.56	41.957	26.87	7.57	7.83	1.5	2.016	82.4
302	3/2/2009 17:16	11.6	41.792	26.75	7.38	7.82	1.4	1.98	80.3
303	3/2/2009 17:31	11.62	41.667	26.67	7.38	7.82	1.5	1.934	80.3
304	3/2/2009 17:46	11.68	41.393	26.47	7.4	7.81	1.8	1.869	80.5
305	3/2/2009 18:01	11.75	41.214	26.35	7.43	7.81	1.8	1.816	80.9
306	3/2/2009 18:16	11.81	40.891	26.12	7.46	7.8	2.1	1.735	81.2
307	3/2/2009 18:31	11.82	40.817	26.07	7.44	7.79	2.1	1.714	81
308	3/2/2009 18:46	11.82	40.726	26.01	7.39	7.79	2.1	1.677	80.5
309	3/2/2009 19:01	11.81	40.486	25.84	7.35	7.79	2.1	1.618	79.9
310	3/2/2009 19:16	11.8	40.382	25.77	7.3	7.78	2	1.592	79.4
311	3/2/2009 19:31	11.79	40.218	25.65	7.25	7.79	1.9	1.537	78.7
312	3/2/2009 19:46	11.79	40.039	25.52	7.24	7.78	2	1.504	78.6
313	3/2/2009 20:01	11.79	40.075	25.55	7.22	7.77	2	1.495	78.4
314	3/2/2009 20:16	11.78	39.719	25.3	7.15	7.76	1.8	1.45	77.4
315	3/2/2009 20:31	11.78	39.684	25.27	7.11	7.75	1.9	1.444	77
316	3/2/2009 20:46	11.77	39.732	25.31	7.07	7.75	1.9	1.452	76.5
317	3/2/2009 21:01	11.77	39.66	25.26	7.08	7.75	2.1	1.441	76.6
318	3/2/2009 21:16	11.77	39.684	25.27	7.19	7.77	2.1	1.459	77.8
319	3/2/2009 21:31	11.77	39.628	25.23	7.16	7.78	1.9	1.488	77.4
320	3/2/2009 21:46	11.76	39.647	25.25	7.06	7.78	1.6	1.508	76.4
321	3/2/2009 22:01	11.75	39.66	25.26	6.95	7.74	1.5	1.554	75.1
322	3/2/2009 22:16	11.73	39.709	25.29	6.32	7.72	1.4	1.596	68.4
323	3/2/2009 22:31	11.7	39.859	25.39	7.22	7.79	2.4	1.637	78.1
324	3/2/2009 22:46	11.68	40.188	25.63	7.99	7.85	2.3	1.712	86.5
325	3/2/2009 23:01	11.66	40.531	25.87	8.15	7.87	2.9	1.745	88.3
326	3/2/2009 23:16	11.56	40.67	25.96	8.32	7.89	3.2	1.82	90
327	3/2/2009 23:31	11.47	41.005	26.19	8.43	7.9	3.3	1.9	91.2
328	3/2/2009 23:46	11.42	41.44	26.5	8.57	7.91	3.3	1.969	92.8
329	3/3/2009 0:01	11.38	41.722	26.7	8.57	7.9	3.1	2.053	92.8
330	3/3/2009 0:16	11.37	41.734	26.7	8.55	7.93	3	2.119	92.6
331	3/3/2009 0:31	11.33	41.911	26.83	8.53	7.92	3.4	2.193	92.3
332	3/3/2009 0:46	11.26	41.881	26.8	8.52	7.92	3.5	2.27	92
333	3/3/2009 1:01	11.2	41.934	26.84	8.43	7.91	2.9	2.353	91
334	3/3/2009 1:16	11.13	42.269	27.07	8.57	7.93	3.1	2.433	92.5
335	3/3/2009 1:31	11.1	42.691	27.37	8.57	7.94	2.9	2.516	92.7
336	3/3/2009 1:46	11.1	43.278	27.79	8.52	7.93	2.5	2.582	92.3
337	3/3/2009 2:01	11.08	43.594	28.01	8.62	7.94	2.6	2.658	93.5
338	3/3/2009 2:16	11.01	43.816	28.16	8.64	7.93	2.6	2.734	93.7
339	3/3/2009 2:31	10.97	43.912	28.23	8.52	7.95	2.4	2.766	92.3
340	3/3/2009 2:46	10.9	44.055	28.33	8.39	7.94	2.2	2.822	90.9
341	3/3/2009 3:01	10.84	44.159	28.4	8.43	7.93	1.6	2.862	91.2
342	3/3/2009 3:16	10.83	44.274	28.48	8.24	7.92	1.5	2.875	89.2

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
343	3/3/2009 3:31	10.81	44.303	28.5	8.14	7.89	1.5	2.893	88
344	3/3/2009 3:46	10.8	44.345	28.53	7.96	7.9	1.4	2.901	86.1
345	3/3/2009 4:01	10.81	44.145	28.39	8	7.92	1.3	2.847	86.5
346	3/3/2009 4:16	10.81	44.059	28.33	7.87	7.9	1.4	2.827	85
347	3/3/2009 4:31	10.81	43.931	28.24	7.79	7.88	1.4	2.773	84.2
348	3/3/2009 4:46	10.83	43.73	28.09	7.78	7.87	1.6	2.685	84
349	3/3/2009 5:01	10.84	43.459	27.9	7.87	7.88	1.8	2.612	84.9
350	3/3/2009 5:16	10.87	42.939	27.53	7.86	7.89	1.8	2.532	84.7
351	3/3/2009 5:31	10.9	42.31	27.09	7.84	7.87	1.7	2.418	84.2
352	3/3/2009 5:46	10.91	42.042	26.9	7.81	7.88	1.9	2.342	83.9
353	3/3/2009 6:01	10.93	41.894	26.8	7.85	7.87	1.9	2.257	84.2
354	3/3/2009 6:16	10.95	41.813	26.74	7.85	7.85	1.8	2.127	84.2
355	3/3/2009 6:31	10.96	41.628	26.61	7.81	7.85	1.8	2.051	83.8
356	3/3/2009 6:46	10.97	41.368	26.43	7.73	7.84	1.8	1.974	82.8
357	3/3/2009 7:01	10.97	40.848	26.06	7.58	7.83	1.8	1.853	81.1
358	3/3/2009 7:16	10.98	40.456	25.79	7.4	7.81	1.7	1.753	79
359	3/3/2009 7:31	10.99	40.056	25.51	7.02	7.78	1.5	1.654	74.8
360	3/3/2009 7:46	10.99	39.748	25.29	6.87	7.76	1.5	1.541	73.1
361	3/3/2009 8:01	10.99	39.385	25.04	6.82	7.74	1.6	1.456	72.5
362	3/3/2009 8:16	10.99	39.059	24.81	6.85	7.73	1.7	1.356	72.6
363	3/3/2009 8:31	10.99	38.755	24.59	6.91	7.73	2	1.253	73.2
364	3/3/2009 8:46	10.98	38.607	24.49	7.01	7.72	2.1	1.158	74.3
365	3/3/2009 9:01	10.98	38.474	24.4	7.05	7.72	2.2	1.056	74.5
366	3/3/2009 9:16	10.99	38.414	24.36	7.1	7.71	2.3	0.947	75.1
367	3/3/2009 9:31	11	38.29	24.27	7.05	7.72	2.3	0.902	74.5
368	3/3/2009 9:46	11.03	38.28	24.26	7.11	7.71	2.4	0.812	75.3
369	3/3/2009 10:01	11.04	38.276	24.26	7.17	7.72	2.4	0.745	75.9
370	3/3/2009 10:16	11.05	38.229	24.23	7.01	7.71	2.3	0.728	74.2
371	3/3/2009 10:31	11.07	38.215	24.22	7	7.69	2.3	0.709	74.1
372	3/3/2009 10:46	11.08	38.239	24.24	6.7	7.68	2	0.696	71
373	3/3/2009 11:01	11.12	38.305	24.29	6.55	7.66	2.7	0.651	69.5
374	3/3/2009 11:16	11.15	38.417	24.36	6.52	7.67	2.4	0.766	69.2
375	3/3/2009 11:31	11.19	38.633	24.52	6.72	7.69	2.9	0.798	71.4
376	3/3/2009 11:46	11.26	38.381	24.34	7.62	7.77	4.9	0.837	81
377	3/3/2009 12:01	11.26	38.112	24.16	7.67	7.77	4.7	0.897	81.5
378	3/3/2009 12:16	11.21	38.237	24.24	7.77	7.79	5.1	0.989	82.6
379	3/3/2009 12:31	11.18	37.911	24.01	7.99	7.8	5	1.007	84.7
380	3/3/2009 12:46	11.14	37.871	23.98	7.84	7.79	4.3	1.107	83
381	3/3/2009 13:01	11.11	38	24.07	7.84	7.78	3.8	1.17	83
382	3/3/2009 13:16	11.09	38.165	24.19	8.16	7.83	3.5	1.243	86.5
383	3/3/2009 13:31	11.08	38.294	24.28	8.09	7.82	3.2	1.283	85.7
384	3/3/2009 13:46	11.08	38.687	24.55	7.95	7.81	2.9	1.351	84.4
385	3/3/2009 14:01	11.11	39.042	24.8	8.31	7.84	3.5	1.412	88.4
386	3/3/2009 14:16	11.12	39.144	24.87	8.33	7.86	3.2	1.468	88.7
387	3/3/2009 14:31	11.14	39.329	25	8.2	7.85	3.3	1.526	87.4
388	3/3/2009 14:46	11.16	39.468	25.1	8.23	7.85	3.7	1.572	87.8
389	3/3/2009 15:01	11.18	39.706	25.27	8.31	7.85	3.9	1.636	88.8
390	3/3/2009 15:16	11.19	39.834	25.36	8.35	7.87	3.7	1.703	89.3
391	3/3/2009 15:31	11.18	40.008	25.48	8.19	7.85	3.1	1.74	87.6

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
392	3/3/2009 15:46	11.18	40.363	25.73	8.26	7.87	3.6	1.793	88.5
393	3/3/2009 16:01	11.17	40.488	25.82	8.2	7.86	3.2	1.842	87.9
394	3/3/2009 16:16	11.14	40.684	25.95	8.27	7.88	3.4	1.889	88.7
395	3/3/2009 16:31	11.12	40.838	26.06	8.27	7.88	3.4	1.917	88.7
396	3/3/2009 16:46	11.11	40.886	26.09	8.21	7.87	3.1	1.967	88.1
397	3/3/2009 17:01	11.11	40.863	26.08	8.12	7.87	2.6	1.982	87.1
398	3/3/2009 17:16	11.1	40.962	26.15	7.94	7.86	2.3	2.009	85.1
399	3/3/2009 17:31	11.11	40.937	26.13	7.8	7.84	2.4	2.012	83.7
400	3/3/2009 17:46	11.1	41.011	26.18	7.67	7.84	2.3	2.009	82.3
401	3/3/2009 18:01	11.1	40.912	26.11	7.7	7.84	2.2	1.991	82.6
402	3/3/2009 18:16	11.1	40.833	26.06	7.62	7.84	2	1.968	81.7
403	3/3/2009 18:31	11.1	40.772	26.01	7.52	7.81	1.9	1.925	80.6
404	3/3/2009 18:46	11.09	40.719	25.98	7.48	7.81	1.7	1.901	80.1
405	3/3/2009 19:01	11.08	40.611	25.9	7.37	7.8	1.8	1.867	78.9
406	3/3/2009 19:16	11.08	40.454	25.79	7.42	7.8	2	1.807	79.4
407	3/3/2009 19:31	11.07	40.296	25.68	7.45	7.8	2	1.778	79.6
408	3/3/2009 19:46	11.07	40.112	25.55	7.36	7.8	2	1.735	78.6
409	3/3/2009 20:01	11.06	39.881	25.39	7.37	7.8	2.3	1.685	78.6
410	3/3/2009 20:16	11.06	39.858	25.37	7.4	7.79	2.2	1.665	78.9
411	3/3/2009 20:31	11.05	39.758	25.3	7.46	7.79	2.2	1.655	79.5
412	3/3/2009 20:46	11.04	39.714	25.27	7.35	7.78	2	1.633	78.3
413	3/3/2009 21:01	11.04	39.67	25.24	7.27	7.78	1.6	1.613	77.5
414	3/3/2009 21:16	11.03	39.632	25.21	7.2	7.79	1.6	1.592	76.6
415	3/3/2009 21:31	11.02	39.565	25.16	7.14	7.77	1.3	1.596	76
416	3/3/2009 21:46	11	39.576	25.17	7.26	7.78	2	1.586	77.2
417	3/3/2009 22:01	10.97	39.478	25.1	7.18	7.78	1.8	1.595	76.3
418	3/3/2009 22:16	10.95	39.414	25.05	7.33	7.78	2	1.618	77.9
419	3/3/2009 22:31	10.94	39.434	25.07	7.33	7.77	1.9	1.649	77.8
420	3/3/2009 22:46	10.94	39.403	25.05	7.27	7.78	1.7	1.648	77.2
421	3/3/2009 23:01	10.95	39.402	25.05	7.19	7.76	1.8	1.676	76.4
422	3/3/2009 23:16	10.94	39.403	25.05	7.31	7.77	2	1.725	77.6
423	3/3/2009 23:31	10.94	39.439	25.07	7.85	7.78	2.5	1.781	83.3
424	3/3/2009 23:46	10.96	39.47	25.09	7.79	7.84	2.4	1.823	82.8
425	3/4/2009 0:01	11.02	39.821	25.34	7.88	7.84	2.6	1.866	84
426	3/4/2009 0:16	11.03	40.373	25.73	8.24	7.86	2.9	1.931	88
427	3/4/2009 0:31	11.02	40.582	25.88	8.41	7.89	3.2	2.01	89.9
428	3/4/2009 0:46	11	40.641	25.92	8.48	7.9	3.7	2.062	90.6
429	3/4/2009 1:01	10.96	40.629	25.91	8.4	7.87	3.5	2.143	89.7
430	3/4/2009 1:16	10.9	40.671	25.93	8.46	7.88	3.4	2.211	90.2
431	3/4/2009 1:31	10.81	40.712	25.96	8.54	7.9	3.7	2.287	90.9
432	3/4/2009 1:46	10.73	40.791	26.01	8.56	7.91	3.6	2.371	91
433	3/4/2009 2:01	10.71	40.94	26.12	8.49	7.89	3	2.429	90.3
434	3/4/2009 2:16	10.74	41.86	26.77	8.41	7.9	2.3	2.493	89.8
435	3/4/2009 2:31	10.74	42.603	27.29	8.35	7.93	2.1	2.559	89.5
436	3/4/2009 2:46	10.72	42.971	27.55	8.47	7.91	2.3	2.599	90.9
437	3/4/2009 3:01	10.69	43.218	27.72	8.42	7.91	2.8	2.657	90.4
438	3/4/2009 3:16	10.64	43.4	27.85	8.57	7.91	2.4	2.707	92
439	3/4/2009 3:31	10.62	43.527	27.94	8.46	7.92	2.7	2.752	90.8
440	3/4/2009 3:46	10.61	43.548	27.95	8.42	7.9	2.5	2.759	90.4

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
441	3/4/2009 4:01	10.6	43.652	28.03	8.5	7.91	2.3	2.783	91.3
442	3/4/2009 4:16	10.59	43.694	28.06	8.25	7.89	2.4	2.825	88.6
443	3/4/2009 4:31	10.59	43.692	28.05	8.07	7.88	1.9	2.803	86.7
444	3/4/2009 4:46	10.6	43.656	28.03	8.03	7.89	1.9	2.797	86.2
445	3/4/2009 5:01	10.62	43.558	27.96	8.05	7.88	1.9	2.747	86.5
446	3/4/2009 5:16	10.56	42.519	27.22	8.05	7.87	2.5	2.73	85.9
447	3/4/2009 5:31	10.5	42.129	26.94	8.06	7.86	2.5	2.701	85.8
448	3/4/2009 5:46	10.46	41.827	26.73	8.01	7.86	2.5	2.613	85
449	3/4/2009 6:01	10.44	41.472	26.48	8.01	7.85	2.4	2.516	84.9
450	3/4/2009 6:16	10.43	40.901	26.08	8.01	7.86	2.4	2.466	84.6
451	3/4/2009 6:31	10.45	40.814	26.02	7.83	7.84	2.3	2.373	82.8
452	3/4/2009 6:46	10.46	40.743	25.97	7.76	7.85	2.1	2.308	82
453	3/4/2009 7:01	10.47	40.701	25.94	7.77	7.84	2.1	2.191	82.1
454	3/4/2009 7:16	10.47	40.652	25.9	7.75	7.84	2	2.12	81.9
455	3/4/2009 7:31	10.46	40.538	25.82	7.66	7.82	1.7	2.04	80.9
456	3/4/2009 7:46	10.45	40.303	25.66	7.42	7.8	1.6	1.942	78.2
457	3/4/2009 8:01	10.45	39.604	25.17	7.03	7.78	1.5	1.835	73.9
458	3/4/2009 8:16	10.43	39.484	25.08	6.91	7.76	1.5	1.742	72.6
459	3/4/2009 8:31	10.43	39.432	25.05	6.88	7.76	1.5	1.644	72.3
460	3/4/2009 8:46	10.43	39.292	24.95	6.94	7.76	1.7	1.532	72.8
461	3/4/2009 9:01	10.43	38.95	24.71	7.15	7.76	2.1	1.436	74.9
462	3/4/2009 9:16	10.44	38.579	24.45	7.2	7.75	2	1.351	75.3
463	3/4/2009 9:31	10.46	38.238	24.21	7.26	7.75	2.4	1.231	75.9
464	3/4/2009 9:46	10.47	38.11	24.12	7.4	7.74	2.5	1.127	77.3
465	3/4/2009 10:01	10.5	38.114	24.13	7.4	7.73	2.4	1.025	77.3
466	3/4/2009 10:16	10.54	38.084	24.11	7.38	7.74	2.4	0.939	77.1
467	3/4/2009 10:31	10.59	38.087	24.11	7.35	7.72	2.5	0.856	77
468	3/4/2009 10:46	10.62	38.064	24.1	7.32	7.74	2.2	0.766	76.7
469	3/4/2009 11:01	10.67	38.074	24.11	7.32	7.74	2.5	0.728	76.8
470	3/4/2009 11:16	10.71	38.109	24.13	7.29	7.73	2.4	0.696	76.6
471	3/4/2009 11:31	10.78	38.06	24.1	7.31	7.73	2.5	0.626	76.9
472	3/4/2009 11:46	10.8	38.095	24.13	7.29	7.73	2.5	0.642	76.7
473	3/4/2009 12:01	10.83	38.077	24.12	7.26	7.72	2.6	0.663	76.5
474	3/4/2009 12:16	10.85	38.075	24.11	7.16	7.71	2.4	0.674	75.4
475	3/4/2009 12:31	10.87	38.093	24.13	6.84	7.71	1.5	0.709	72
476	3/4/2009 12:46	10.95	38.061	24.11	5.46	7.62	1	0.743	57.6
477	3/4/2009 13:01	11.11	38.446	24.38	7.23	7.73	2.6	0.795	76.7
478	3/4/2009 13:16	11.07	38.666	24.54	8.05	7.82	3	0.863	85.5
479	3/4/2009 13:31	10.97	38.707	24.56	8.31	7.83	3.2	0.902	88
480	3/4/2009 13:46	10.88	38.686	24.54	8.31	7.83	3.1	0.98	87.9
481	3/4/2009 14:01	10.82	38.679	24.54	8.14	7.82	3.1	1.041	85.9
482	3/4/2009 14:16	10.79	38.644	24.51	8.16	7.83	3.1	1.099	86
483	3/4/2009 14:31	10.77	38.623	24.49	8.09	7.82	2.9	1.156	85.3
484	3/4/2009 14:46	10.73	38.662	24.52	8.31	7.83	3.2	1.221	87.5
485	3/4/2009 15:01	10.72	38.696	24.54	8.16	7.84	2.7	1.288	85.9
486	3/4/2009 15:16	10.69	38.882	24.67	8.28	7.83	2.3	1.345	87.2
487	3/4/2009 15:31	10.7	39.153	24.86	8.26	7.83	2.6	1.424	87.1
488	3/4/2009 15:46	10.72	39.268	24.94	8.28	7.84	2.6	1.474	87.4
489	3/4/2009 16:01	10.79	39.338	24.99	8.32	7.85	3.4	1.529	88

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
490	3/4/2009 16:16	10.84	39.385	25.03	8.35	7.86	2.9	1.588	88.4
491	3/4/2009 16:31	10.87	39.454	25.08	8.27	7.84	2.9	1.649	87.6
492	3/4/2009 16:46	10.92	39.588	25.18	8.42	7.86	3.2	1.7	89.4
493	3/4/2009 17:01	10.94	39.543	25.14	8.4	7.85	3.3	1.767	89.3
494	3/4/2009 17:16	10.91	39.667	25.23	7.98	7.85	2.7	1.813	84.7
495	3/4/2009 17:31	10.84	39.848	25.35	7.95	7.79	2.4	1.856	84.3
496	3/4/2009 17:46	10.78	40.215	25.61	8.08	7.84	2.6	1.905	85.7
497	3/4/2009 18:01	10.74	40.362	25.71	8.04	7.83	2.2	1.936	85.3
498	3/4/2009 18:16	10.71	40.452	25.77	8.03	7.84	2	1.974	85.2
499	3/4/2009 18:31	10.68	40.573	25.86	7.98	7.84	1.8	2.014	84.7
500	3/4/2009 18:46	10.68	40.637	25.9	7.86	7.83	1.5	2.016	83.4
501	3/4/2009 19:01	10.68	40.636	25.9	7.77	7.82	1.6	2.017	82.4
502	3/4/2009 19:16	10.69	40.622	25.89	7.72	7.82	1.6	2.025	81.9
503	3/4/2009 19:31	10.69	40.615	25.89	7.66	7.81	1.5	2.016	81.3
504	3/4/2009 19:46	10.71	40.469	25.78	7.56	7.8	1.5	1.977	80.2
505	3/4/2009 20:01	10.77	40.37	25.72	7.36	7.81	1.6	1.966	78.2
506	3/4/2009 20:16	10.9	40.111	25.54	7.46	7.79	1.6	1.923	79.3
507	3/4/2009 20:31	10.97	39.691	25.25	7.43	7.79	2	1.891	79
508	3/4/2009 20:46	11.01	39.576	25.17	7.56	7.79	1.8	1.841	80.4
509	3/4/2009 21:01	11	39.531	25.14	7.46	7.79	1.8	1.816	79.4
510	3/4/2009 21:16	10.99	39.503	25.12	7.4	7.78	1.8	1.772	78.7
511	3/4/2009 21:31	10.96	39.48	25.1	7.34	7.78	1.7	1.763	78
512	3/4/2009 21:46	10.92	39.448	25.08	7.27	7.77	1.6	1.729	77.1
513	3/4/2009 22:01	10.86	39.424	25.06	7.26	7.76	1.6	1.716	77
514	3/4/2009 22:16	10.82	39.358	25.01	7.24	7.77	1.5	1.694	76.6
515	3/4/2009 22:31	10.8	39.309	24.97	7.2	7.76	1.5	1.671	76.1
516	3/4/2009 22:46	10.79	39.298	24.97	7.09	7.73	1.3	1.685	75
517	3/4/2009 23:01	10.78	39.225	24.92	7	7.74	1.3	1.66	74
518	3/4/2009 23:16	10.76	39.166	24.87	7.08	7.75	1.3	1.682	74.8
519	3/4/2009 23:31	10.75	39.15	24.86	7.12	7.74	1.3	1.693	75.2
520	3/4/2009 23:46	10.75	39.073	24.81	7.17	7.75	1.4	1.719	75.6
521	3/5/2009 0:01	10.75	39.081	24.81	7.26	7.76	1.5	1.735	76.6
522	3/5/2009 0:16	10.76	39.096	24.82	7.23	7.76	1.5	1.767	76.4
523	3/5/2009 0:31	10.77	39.069	24.81	7.44	7.77	1.6	1.811	78.6
524	3/5/2009 0:46	10.77	39.094	24.82	7.35	7.76	1.6	1.834	77.7
525	3/5/2009 1:01	10.78	39.094	24.82	7.29	7.75	1.3	1.882	76.9
526	3/5/2009 1:16	10.77	39.425	25.05	7.67	7.8	1.5	1.941	81.1
527	3/5/2009 1:31	10.76	39.909	25.39	7.91	7.82	2.1	1.977	83.8
528	3/5/2009 1:46	10.74	40.389	25.73	8.24	7.89	2.3	2.04	87.4
529	3/5/2009 2:01	10.72	40.62	25.89	8.45	7.87	3	2.097	89.7
530	3/5/2009 2:16	10.72	40.645	25.91	8.44	7.89	2.6	2.165	89.6
531	3/5/2009 2:31	10.69	41.18	26.28	8.33	7.86	2.1	2.225	88.6
532	3/5/2009 2:46	10.67	41.618	26.59	8.57	7.89	2.7	2.294	91.4
533	3/5/2009 3:01	10.66	41.653	26.62	8.55	7.89	2.7	2.359	91.1
534	3/5/2009 3:16	10.64	41.678	26.63	8.5	7.87	2.9	2.421	90.6
535	3/5/2009 3:31	10.61	41.742	26.68	8.48	7.9	2.6	2.479	90.3
536	3/5/2009 3:46	10.59	41.993	26.85	8.39	7.88	2.6	2.532	89.4
537	3/5/2009 4:01	10.57	42.324	27.08	8.65	7.89	2.8	2.598	92.3
538	3/5/2009 4:16	10.57	42.42	27.15	8.48	7.9	2.5	2.639	90.5

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
539	3/5/2009 4:31	10.56	42.58	27.27	8.38	7.89	2.2	2.683	89.5
540	3/5/2009 4:46	10.55	42.79	27.41	8.33	7.88	2	2.723	89
541	3/5/2009 5:01	10.53	43.005	27.57	8.29	7.88	2	2.764	88.6
542	3/5/2009 5:16	10.51	43.038	27.59	8.24	7.88	1.9	2.786	88
543	3/5/2009 5:31	10.5	43.055	27.6	8.14	7.88	1.9	2.783	87
544	3/5/2009 5:46	10.49	43.031	27.58	8.13	7.87	2	2.788	86.8
545	3/5/2009 6:01	10.49	43.034	27.58	8.06	7.88	1.8	2.78	86.1
546	3/5/2009 6:16	10.49	42.943	27.52	7.96	7.88	1.6	2.744	85
547	3/5/2009 6:31	10.42	42.458	27.17	7.82	7.84	1.7	2.691	83.2
548	3/5/2009 6:46	10.31	42.256	27.02	7.71	7.84	2	2.637	81.8
549	3/5/2009 7:01	10.18	41.821	26.71	7.8	7.85	2.2	2.59	82.2
550	3/5/2009 7:16	10.06	41.195	26.26	7.98	7.85	2.5	2.506	83.7
551	3/5/2009 7:31	10.06	41.237	26.29	7.87	7.85	2.3	2.416	82.6
552	3/5/2009 7:46	10.03	40.933	26.08	7.95	7.84	2.4	2.356	83.3
553	3/5/2009 8:01	10.04	40.92	26.07	7.92	7.84	2.3	2.265	83
554	3/5/2009 8:16	10.04	40.754	25.95	7.86	7.83	2	2.166	82.2
555	3/5/2009 8:31	10.06	40.524	25.79	7.59	7.82	1.6	2.078	79.4
556	3/5/2009 8:46	10.08	39.812	25.3	7.29	7.78	1.3	1.984	76
557	3/5/2009 9:01	10.09	39.264	24.91	6.99	7.74	1.3	1.895	72.8
558	3/5/2009 9:16	10.11	39.226	24.89	7.03	7.77	1.4	1.779	73.1
559	3/5/2009 9:31	10.15	39.178	24.86	7	7.76	1.4	1.674	73
560	3/5/2009 9:46	10.2	39.185	24.86	6.96	7.76	1.5	1.576	72.6
561	3/5/2009 10:01	10.28	39.082	24.79	7.11	7.76	1.5	1.457	74.2
562	3/5/2009 10:16	10.31	38.808	24.6	7.33	7.77	1.9	1.348	76.5
563	3/5/2009 10:31	10.35	38.698	24.53	7.43	7.77	1.9	1.24	77.6
564	3/5/2009 10:46	10.44	38.642	24.49	7.42	7.76	2	1.106	77.6
565	3/5/2009 11:01	10.53	38.636	24.49	7.37	7.76	2	1.004	77.3
566	3/5/2009 11:16	10.65	38.57	24.45	7.23	7.74	1.8	0.894	76
567	3/5/2009 11:31	10.68	38.159	24.17	6.97	7.73	1.9	0.797	73.2
568	3/5/2009 11:46	10.7	38.157	24.17	6.96	7.71	1.9	0.723	73.1
569	3/5/2009 12:01	10.72	38.078	24.11	7	7.71	2	0.645	73.5
570	3/5/2009 12:16	10.78	38.067	24.11	6.94	7.71	1.9	0.596	72.9
571	3/5/2009 12:31	10.85	38.026	24.08	7.09	7.68	2	0.535	74.6
572	3/5/2009 12:46	10.87	38.017	24.08	7	7.72	2	0.524	73.7
573	3/5/2009 13:01	10.89	38.044	24.09	6.97	7.71	2	0.536	73.5
574	3/5/2009 13:16	10.93	38.013	24.07	6.98	7.71	2	0.524	73.7
575	3/5/2009 13:31	10.99	38.051	24.1	6.44	7.63	1.4	0.56	68
576	3/5/2009 13:46	11.06	38.101	24.14	5.86	7.62	1.3	0.601	62
577	3/5/2009 14:01	11.1	38.287	24.27	6.01	7.63	1.3	0.641	63.7
578	3/5/2009 14:16	11.13	38.401	24.35	6.91	7.73	2.1	0.689	73.3
579	3/5/2009 14:31	11.11	38.298	24.28	7.86	7.8	2.3	0.74	83.3
580	3/5/2009 14:46	11.09	38.255	24.25	7.9	7.8	2.1	0.803	83.7
581	3/5/2009 15:01	11.06	38.325	24.3	7.99	7.82	1.7	0.866	84.6
582	3/5/2009 15:16	11.01	38.562	24.46	8.51	7.86	2.1	0.922	90.1
583	3/5/2009 15:31	10.98	38.729	24.58	8.61	7.87	1.9	0.987	91.2
584	3/5/2009 15:46	10.94	38.826	24.64	8.61	7.88	2.3	1.058	91.2
585	3/5/2009 16:01	10.92	38.862	24.67	8.72	7.89	2.6	1.126	92.3
586	3/5/2009 16:16	10.88	38.858	24.66	8.56	7.87	2.7	1.199	90.5
587	3/5/2009 16:31	10.82	38.88	24.68	8.5	7.86	2.4	1.269	89.8

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
588	3/5/2009 16:46	10.76	38.873	24.67	8.58	7.88	3.1	1.34	90.4
589	3/5/2009 17:01	10.74	38.866	24.66	8.48	7.87	2.9	1.412	89.4
590	3/5/2009 17:16	10.69	39.092	24.82	8.48	7.88	3	1.482	89.4
591	3/5/2009 17:31	10.71	39.286	24.96	8.65	7.89	3.4	1.553	91.3
592	3/5/2009 17:46	10.74	39.26	24.94	8.61	7.88	3.1	1.619	91
593	3/5/2009 18:01	10.74	39.345	25	8.56	7.89	2.9	1.681	90.4
594	3/5/2009 18:16	10.68	39.535	25.13	8.56	7.88	2.9	1.745	90.4
595	3/5/2009 18:31	10.62	39.78	25.3	8.52	7.89	3.1	1.804	89.9
596	3/5/2009 18:46	10.56	39.883	25.37	8.58	7.89	2.9	1.858	90.5
597	3/5/2009 19:01	10.53	39.907	25.38	8.47	7.87	3.1	1.907	89.3
598	3/5/2009 19:16	10.5	39.957	25.42	8.49	7.88	2.9	1.966	89.4
599	3/5/2009 19:31	10.47	40.071	25.49	8.36	7.84	2.7	1.999	88
600	3/5/2009 19:46	10.45	40.259	25.63	8.28	7.87	2.6	2.033	87.3
601	3/5/2009 20:01	10.44	40.422	25.74	8.17	7.86	2.3	2.071	86.2
602	3/5/2009 20:16	10.43	40.529	25.81	8	7.86	2	2.091	84.4
603	3/5/2009 20:31	10.42	40.539	25.82	7.99	7.89	2.1	2.09	84.2
604	3/5/2009 20:46	10.42	40.543	25.82	7.95	7.84	2	2.09	83.9
605	3/5/2009 21:01	10.43	40.519	25.81	7.93	7.83	1.9	2.081	83.6
606	3/5/2009 21:16	10.43	40.335	25.68	7.85	7.85	1.8	2.041	82.7
607	3/5/2009 21:31	10.44	40.11	25.52	7.74	7.82	1.8	2.003	81.5
608	3/5/2009 21:46	10.46	39.968	25.42	7.66	7.82	1.8	1.966	80.6
609	3/5/2009 22:01	10.49	39.939	25.4	7.71	7.83	1.9	1.927	81.3
610	3/5/2009 22:16	10.54	39.865	25.35	7.69	7.84	2	1.868	81.1
611	3/5/2009 22:31	10.58	39.789	25.3	7.69	7.84	2.2	1.827	81.1
612	3/5/2009 22:46	10.59	39.729	25.26	7.68	7.82	2	1.798	81
613	3/5/2009 23:01	10.59	39.603	25.17	7.71	7.82	2	1.756	81.3
614	3/5/2009 23:16	10.59	39.452	25.07	7.73	7.83	2.2	1.711	81.4
615	3/5/2009 23:31	10.58	39.372	25.01	7.7	7.83	2.3	1.695	81
616	3/5/2009 23:46	10.57	39.402	25.03	7.65	7.84	2.1	1.671	80.6
617	3/6/2009 0:01	10.56	39.382	25.02	7.66	7.83	2.1	1.651	80.6
618	3/6/2009 0:16	10.55	39.353	24.99	7.63	7.83	2.2	1.629	80.2
619	3/6/2009 0:31	10.54	39.323	24.97	7.55	7.82	2	1.632	79.4
620	3/6/2009 0:46	10.53	39.32	24.97	7.46	7.82	1.9	1.641	78.4
621	3/6/2009 1:01	10.53	39.313	24.97	7.22	7.78	1.6	1.645	75.9
622	3/6/2009 1:16	10.52	39.311	24.96	7.14	7.78	1.5	1.67	75
623	3/6/2009 1:31	10.52	39.264	24.93	7.13	7.76	1.5	1.702	75
624	3/6/2009 1:46	10.51	39.309	24.96	7.09	7.75	1.4	1.733	74.5
625	3/6/2009 2:01	10.49	39.369	25	6.82	7.75	1.6	1.78	71.7
626	3/6/2009 2:16	10.47	39.511	25.1	7.74	7.81	1.9	1.818	81.3
627	3/6/2009 2:31	10.45	39.597	25.16	7.94	7.83	2	1.865	83.4
628	3/6/2009 2:46	10.45	39.93	25.39	8.15	7.86	2	1.922	85.8
629	3/6/2009 3:01	10.46	40.394	25.72	8.28	7.92	2.1	1.968	87.3
630	3/6/2009 3:16	10.45	40.669	25.91	8.44	7.89	2.2	2.031	89.1
631	3/6/2009 3:31	10.45	40.738	25.96	8.38	7.89	1.8	2.095	88.5
632	3/6/2009 3:46	10.45	40.749	25.97	8.26	7.86	1.5	2.149	87.2
633	3/6/2009 4:01	10.43	40.941	26.1	8.43	7.89	2.1	2.221	89.1
634	3/6/2009 4:16	10.39	41.033	26.17	8.51	7.9	2.1	2.289	89.9
635	3/6/2009 4:31	10.37	41.194	26.28	8.37	7.89	1.9	2.352	88.4
636	3/6/2009 4:46	10.35	41.553	26.53	8.54	7.9	2	2.423	90.3

sonde #2	Indian Island Long-Term Deployment Water Quality Data						TP #2		
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
637	3/6/2009 5:01	10.35	41.807	26.71	8.48	7.91	2.4	2.487	89.8
638	3/6/2009 5:16	10.36	42.224	27	8.61	7.93	2.4	2.555	91.4
639	3/6/2009 5:31	10.37	42.495	27.2	8.57	7.93	2.1	2.612	91.1
640	3/6/2009 5:46	10.39	42.806	27.42	8.4	7.93	1.8	2.656	89.5
641	3/6/2009 6:01	10.39	43.212	27.7	8.44	7.93	2	2.707	90
642	3/6/2009 6:16	10.39	43.445	27.87	8.38	7.92	1.9	2.75	89.5
643	3/6/2009 6:31	10.39	43.61	27.99	8.33	7.92	1.8	2.773	89
644	3/6/2009 6:46	10.39	43.71	28.06	8.25	7.92	1.6	2.786	88.2
645	3/6/2009 7:01	10.39	43.707	28.06	8.24	7.96	1.6	2.793	88.1
646	3/6/2009 7:16	10.39	43.693	28.05	8.21	7.9	1.6	2.783	87.8
647	3/6/2009 7:31	10.4	43.495	27.91	8.07	7.92	1.4	2.748	86.2
648	3/6/2009 7:46	10.4	43.228	27.72	7.82	7.88	1.4	2.71	83.4
649	3/6/2009 8:01	10.37	42.79	27.41	7.91	7.87	1.5	2.656	84.2
650	3/6/2009 8:16	10.33	42.291	27.05	7.89	7.87	1.7	2.582	83.7
651	3/6/2009 8:31	10.28	41.85	26.74	7.95	7.87	1.9	2.508	84.1
652	3/6/2009 8:46	10.27	41.522	26.51	7.87	7.86	1.6	2.426	83.1
653	3/6/2009 9:01	10.28	41.147	26.24	7.78	7.86	1.4	2.33	82
654	3/6/2009 9:16	10.29	40.957	26.11	7.72	7.85	1.3	2.24	81.3
655	3/6/2009 9:31	10.29	40.79	25.99	7.67	7.84	1.2	2.135	80.8
656	3/6/2009 9:46	10.29	40.667	25.9	7.67	7.84	1.2	2.045	80.7
657	3/6/2009 10:01	10.3	40.016	25.45	7.45	7.81	1.2	1.933	78.2
658	3/6/2009 10:16	10.31	39.543	25.12	7.06	7.8	1.2	1.82	73.9
659	3/6/2009 10:31	10.32	39.308	24.95	6.8	7.79	1.2	1.72	71.2
660	3/6/2009 10:46	10.33	39.294	24.94	6.89	7.79	1.3	1.605	72.1
661	3/6/2009 11:01	10.36	39.106	24.81	7.37	7.82	1.9	1.485	77.1
662	3/6/2009 11:16	10.4	38.874	24.65	7.69	7.88	1.8	1.366	80.5
663	3/6/2009 11:31	10.45	38.878	24.66	7.81	7.84	1.8	1.238	81.8
664	3/6/2009 11:46	10.53	38.852	24.64	7.78	7.85	1.8	1.12	81.7
665	3/6/2009 12:01	10.6	38.786	24.6	7.73	7.82	1.5	0.995	81.2
666	3/6/2009 12:16	10.63	38.456	24.37	7.54	7.77	1.4	0.856	79.1
667	3/6/2009 12:31	10.68	38.372	24.32	7.38	7.77	1.5	0.749	77.6
668	3/6/2009 12:46	10.78	38.298	24.27	7.13	7.75	1.5	0.65	75.1
669	3/6/2009 13:01	10.84	38.162	24.18	6.91	7.75	1.6	0.552	72.8
670	3/6/2009 13:16	10.9	38.053	24.1	7.02	7.74	1.8	0.473	74
671	3/6/2009 13:31	10.95	37.957	24.04	6.99	7.7	1.7	0.415	73.7
672	3/6/2009 13:46	11	37.981	24.05	6.93	7.74	1.7	0.382	73.2
673	3/6/2009 14:01	11.03	37.944	24.03	6.96	7.72	1.8	0.374	73.5
674	3/6/2009 14:16	11.07	37.976	24.05	6.96	7.71	1.7	0.382	73.6
675	3/6/2009 14:31	11.09	37.951	24.04	6.8	7.71	1.6	0.401	72
676	3/6/2009 14:46	11.1	37.965	24.05	6.08	7.65	1.2	0.443	64.3
677	3/6/2009 15:01	11.11	38.056	24.11	5.48	7.6	0.8	0.497	58
678	3/6/2009 15:16	11.13	38.238	24.24	5.43	7.62	0.9	0.543	57.5
679	3/6/2009 15:31	11.23	38.922	24.72	8.77	7.88	2.2	0.605	93.5
680	3/6/2009 15:46	11.23	38.795	24.63	8.68	7.88	2.1	0.669	92.4
681	3/6/2009 16:01	11.22	38.744	24.6	8.63	7.9	2.1	0.728	91.9
682	3/6/2009 16:16	11.17	38.729	24.58	8.59	7.9	1.9	0.792	91.4
683	3/6/2009 16:31	11.14	38.713	24.57	8.53	7.89	1.6	0.867	90.6
684	3/6/2009 16:46	11.06	38.777	24.61	8.75	7.92	2	0.954	92.9
685	3/6/2009 17:01	11.03	38.745	24.59	8.88	7.92	2.4	1.026	94.2

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
686	3/6/2009 17:16	11.01	38.747	24.59	8.76	7.91	2.1	1.114	92.8
687	3/6/2009 17:31	10.93	38.794	24.62	8.64	7.92	2.2	1.206	91.5
688	3/6/2009 17:46	10.84	39.088	24.82	8.67	7.89	2.2	1.297	91.7
689	3/6/2009 18:01	10.8	39.264	24.94	8.72	7.91	2.9	1.38	92.3
690	3/6/2009 18:16	10.78	39.334	24.99	8.61	7.91	2.6	1.465	91.1
691	3/6/2009 18:31	10.71	39.726	25.26	8.62	7.91	2.7	1.557	91.2
692	3/6/2009 18:46	10.69	39.79	25.31	8.65	7.91	2.6	1.633	91.4
693	3/6/2009 19:01	10.67	39.81	25.32	8.68	7.91	3.5	1.71	91.8
694	3/6/2009 19:16	10.66	39.814	25.32	8.62	7.91	3.1	1.782	91.1
695	3/6/2009 19:31	10.62	39.793	25.31	8.55	7.91	2.8	1.857	90.3
696	3/6/2009 19:46	10.57	40.206	25.59	8.57	7.88	2.8	1.928	90.5
697	3/6/2009 20:01	10.56	40.603	25.87	8.55	7.9	2.7	1.978	90.5
698	3/6/2009 20:16	10.55	40.67	25.92	8.43	7.91	2.5	2.036	89.2
699	3/6/2009 20:31	10.53	40.868	26.06	8.37	7.91	2.3	2.098	88.6
700	3/6/2009 20:46	10.52	41.011	26.16	8.36	7.9	2.1	2.138	88.5
701	3/6/2009 21:01	10.51	41.141	26.25	8.22	7.89	1.8	2.17	87.1
702	3/6/2009 21:16	10.5	41.261	26.33	8.16	7.86	1.6	2.193	86.5
703	3/6/2009 21:31	10.49	41.298	26.36	8.01	7.87	1.4	2.203	84.8
704	3/6/2009 21:46	10.48	41.172	26.27	8.04	7.88	1.6	2.194	85.2
705	3/6/2009 22:01	10.43	40.961	26.12	7.91	7.87	1.5	2.168	83.6
706	3/6/2009 22:16	10.41	40.87	26.05	7.82	7.85	1.3	2.126	82.5
707	3/6/2009 22:31	10.4	40.766	25.98	7.76	7.85	1.5	2.084	81.9
708	3/6/2009 22:46	10.39	40.663	25.91	7.77	7.87	1.8	2.017	81.9
709	3/6/2009 23:01	10.4	40.395	25.72	7.81	7.89	1.8	1.948	82.3
710	3/6/2009 23:16	10.4	40.081	25.5	7.8	7.87	1.8	1.894	82
711	3/6/2009 23:31	10.4	39.878	25.36	7.87	7.88	2	1.825	82.7
712	3/6/2009 23:46	10.4	39.829	25.32	7.95	7.88	2	1.764	83.5
713	3/7/2009 0:01	10.4	39.817	25.31	8	7.88	2.1	1.705	84.1
714	3/7/2009 0:16	10.39	39.779	25.29	8	7.88	2	1.648	84
715	3/7/2009 0:31	10.38	39.77	25.28	7.99	7.87	1.8	1.6	83.9
716	3/7/2009 0:46	10.38	39.669	25.21	7.93	7.87	1.8	1.547	83.3
717	3/7/2009 1:01	10.38	39.583	25.15	7.92	7.87	1.8	1.511	83.1
718	3/7/2009 1:16	10.38	39.471	25.07	7.91	7.86	1.8	1.482	83
719	3/7/2009 1:31	10.38	39.404	25.02	7.89	7.87	1.8	1.458	82.7
720	3/7/2009 1:46	10.38	39.397	25.02	7.87	7.87	1.7	1.438	82.5
721	3/7/2009 2:01	10.38	39.394	25.02	7.87	7.86	1.7	1.437	82.5
722	3/7/2009 2:16	10.37	39.414	25.03	7.82	7.85	1.5	1.456	81.9
723	3/7/2009 2:31	10.35	39.449	25.05	7.62	7.85	1.5	1.458	79.9
724	3/7/2009 2:46	10.31	39.367	24.99	7.59	7.83	1.8	1.485	79.5
725	3/7/2009 3:01	10.29	39.366	24.99	7.58	7.83	1.8	1.529	79.3
726	3/7/2009 3:16	10.28	39.368	24.99	7.69	7.81	1.5	1.574	80.4
727	3/7/2009 3:31	10.24	39.391	25.01	8.03	7.84	2.1	1.626	83.9
728	3/7/2009 3:46	10.23	39.445	25.05	8.26	7.88	2.5	1.681	86.4
729	3/7/2009 4:01	10.29	39.666	25.2	8.31	7.89	2.6	1.753	87.1
730	3/7/2009 4:16	10.33	39.972	25.42	8.55	7.91	3.1	1.818	89.7
731	3/7/2009 4:31	10.36	40.142	25.54	8.52	7.91	3.1	1.879	89.6
732	3/7/2009 4:46	10.34	40.283	25.64	8.59	7.9	3.1	1.957	90.4
733	3/7/2009 5:01	10.31	40.518	25.8	8.64	7.92	2.9	2.029	90.9
734	3/7/2009 5:16	10.25	40.78	25.98	8.64	7.92	2.8	2.099	90.9

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	DO%
735	3/7/2009 5:31	10.19	41.121	26.22	8.68	7.95	2.9	2.184	91.3
736	3/7/2009 5:46	10.17	41.158	26.24	8.71	7.94	3	2.258	91.7
737	3/7/2009 6:01	10.16	41.337	26.37	8.74	7.95	3.4	2.34	92
738	3/7/2009 6:16	10.19	41.46	26.46	8.67	7.92	2.9	2.421	91.4
739	3/7/2009 6:31	10.22	42.082	26.9	8.53	7.95	2.7	2.488	90.2
740	3/7/2009 6:46	10.21	42.713	27.34	8.55	7.95	2.6	2.555	90.7
741	3/7/2009 7:01	10.17	43.045	27.58	8.65	8	2.4	2.634	91.7
742	3/7/2009 7:16	10.21	43.353	27.8	8.53	7.95	2.2	2.686	90.7
743	3/7/2009 7:31	10.25	43.843	28.14	8.44	7.95	2.1	2.725	89.9
744	3/7/2009 7:46	10.26	44.298	28.47	8.48	7.95	2	2.781	90.6
745	3/7/2009 8:01	10.26	44.364	28.52	8.36	7.95	1.6	2.798	89.3
746	3/7/2009 8:16	10.27	44.37	28.52	8.28	7.94	1.6	2.792	88.5
747	3/7/2009 8:31	10.28	44.382	28.53	8.14	7.93	1.5	2.798	87
748	3/7/2009 8:46	10.28	44.12	28.34	8.03	7.93	1.5	2.759	85.8
749	3/7/2009 9:01	10.28	43.579	27.96	7.91	7.9	1.3	2.705	84.3
750	3/7/2009 9:16	10.27	43.052	27.58	8	7.92	1.5	2.646	85
751	3/7/2009 9:31	10.25	42.653	27.3	7.96	7.92	1.8	2.562	84.4
752	3/7/2009 9:46	10.23	41.862	26.74	7.99	7.91	1.8	2.47	84.4
753	3/7/2009 10:01	10.26	41.422	26.43	8.13	7.89	2.2	2.379	85.8
754	3/7/2009 10:16	10.3	41.239	26.31	8.1	7.91	2.1	2.28	85.4
755	3/7/2009 10:31	10.32	41.012	26.15	8.05	7.92	2.1	2.165	84.9
756	3/7/2009 10:46	10.36	40.629	25.88	7.95	7.89	1.8	2.065	83.8
757	3/7/2009 11:01	10.41	40.359	25.69	7.89	7.91	2	1.95	83.2
758	3/7/2009 11:16	10.45	40.018	25.46	7.79	7.87	1.8	1.824	82
759	3/7/2009 11:31	10.49	39.618	25.18	7.52	7.85	1.6	1.721	79.1
760	3/7/2009 11:46	10.53	39.415	25.04	7.37	7.84	1.5	1.591	77.5
761	3/7/2009 12:01	10.58	39.342	24.99	7.31	7.83	1.5	1.468	77
762	3/7/2009 12:16	10.64	39.234	24.92	7.53	7.85	1.6	1.341	79.3
763	3/7/2009 12:31	10.71	38.902	24.69	7.82	7.86	1.7	1.209	82.4
764	3/7/2009 12:46	10.75	38.78	24.6	7.93	7.84	1.6	1.071	83.6
765	3/7/2009 13:01	10.83	38.766	24.6	7.9	7.85	1.6	0.928	83.4
766	3/7/2009 13:16	10.91	38.741	24.58	7.91	7.85	1.6	0.796	83.6
767	3/7/2009 13:31	11.01	38.714	24.57	7.8	7.83	1.5	0.66	82.7
768	3/7/2009 13:46	11.04	38.388	24.34	7.07	7.76	1.3	0.541	74.9
769	3/7/2009 14:01	11.04	38.046	24.1	6.7	7.74	1.8	0.425	70.8
770	3/7/2009 14:16	11.08	37.856	23.97	6.9	7.74	2	0.342	73
771	3/7/2009 14:31	11.12	37.848	23.97	6.85	7.73	2	0.268	72.5
772	3/7/2009 14:46	11.17	37.795	23.93	6.92	7.74	2.1	0.217	73.3
773	3/7/2009 15:01	11.21	37.801	23.94	6.99	7.73	2.1	0.228	74.1
774	3/7/2009 15:16	11.25	37.795	23.93	6.86	7.73	2.1	0.235	72.8
775	3/7/2009 15:31	11.27	37.825	23.96	6.87	7.72	2	0.274	73
776	3/7/2009 15:46	11.29	37.865	23.98	6.4	7.71	2	0.332	67.9
777	3/7/2009 16:01	11.3	37.88	24	6.36	7.65	1.6	0.386	67.5
778	3/7/2009 16:16	11.32	38.056	24.12	4.51	7.58	0.7	0.449	48
779	3/7/2009 16:31	11.38	38.789	24.63	6.56	7.76	2.4	0.525	70.2
780	3/7/2009 16:46	11.35	38.993	24.77	8.88	7.94	3.6	0.587	94.9
781	3/7/2009 17:01	11.33	38.912	24.72	8.77	7.94	3.4	0.658	93.7
782	3/7/2009 17:16	11.29	38.873	24.69	8.73	7.94	3.4	0.749	93.1
783	3/7/2009 17:31	11.27	38.822	24.65	8.71	7.94	2.9	0.827	92.9

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
784	3/7/2009 17:46	11.24	38.867	24.68	8.85	7.94	3	0.906	94.3
785	3/7/2009 18:01	11.21	38.951	24.74	9.03	7.96	3.4	1.008	96.2
786	3/7/2009 18:16	11.14	39.234	24.94	9	7.97	3	1.107	95.9
787	3/7/2009 18:31	11.05	39.522	25.13	9	7.96	3.6	1.207	95.8
788	3/7/2009 18:46	10.98	39.547	25.15	8.96	7.95	4	1.305	95.2
789	3/7/2009 19:01	10.94	39.674	25.24	8.86	7.95	3.5	1.414	94.2
790	3/7/2009 19:16	10.87	39.938	25.42	8.92	7.96	3.7	1.519	94.8
791	3/7/2009 19:31	10.85	39.926	25.41	8.87	7.95	4.1	1.599	94.2
792	3/7/2009 19:46	10.82	39.878	25.37	8.8	7.95	3.7	1.698	93.4
793	3/7/2009 20:01	10.77	39.951	25.42	8.75	7.95	3.6	1.773	92.8
794	3/7/2009 20:16	10.75	40.575	25.86	8.73	7.94	3.3	1.855	92.7
795	3/7/2009 20:31	10.74	41.014	26.17	8.77	7.94	3.2	1.924	93.3
796	3/7/2009 20:46	10.71	41.218	26.31	8.75	7.95	3.2	2.001	93.2
797	3/7/2009 21:01	10.67	41.463	26.48	8.72	7.94	2.9	2.07	92.9
798	3/7/2009 21:16	10.65	41.737	26.67	8.62	7.94	2.7	2.12	91.8
799	3/7/2009 21:31	10.63	42.386	27.13	8.52	7.95	2.5	2.18	91.1
800	3/7/2009 21:46	10.63	42.817	27.44	8.51	7.95	2.3	2.228	91.1
801	3/7/2009 22:01	10.63	42.94	27.52	8.42	7.94	2	2.247	90.2
802	3/7/2009 22:16	10.62	43.038	27.59	8.27	7.94	1.9	2.261	88.6
803	3/7/2009 22:31	10.62	43.032	27.59	8.11	7.92	1.8	2.26	86.8
804	3/7/2009 22:46	10.62	42.789	27.42	8.11	7.92	1.6	2.232	86.7
805	3/7/2009 23:01	10.61	42.398	27.14	7.88	7.89	1.2	2.187	84.2
806	3/7/2009 23:16	10.57	41.76	26.69	7.89	7.89	1.4	2.117	84
807	3/7/2009 23:31	10.53	41.467	26.48	7.93	7.9	1.6	2.059	84.2
808	3/7/2009 23:46	10.52	41.196	26.29	7.99	7.92	1.8	1.98	84.6
809	3/8/2009 0:01	10.51	40.882	26.07	8.04	7.91	1.9	1.907	85
810	3/8/2009 0:16	10.5	40.456	25.77	8.05	7.91	2.1	1.837	85
811	3/8/2009 0:31	10.49	40.026	25.46	8.13	7.92	2.4	1.752	85.7
812	3/8/2009 0:46	10.47	39.664	25.21	8.24	7.92	2.6	1.678	86.6
813	3/8/2009 1:01	10.46	39.933	25.4	8.25	7.91	2.4	1.603	86.8
814	3/8/2009 1:16	10.44	39.848	25.34	8.26	7.92	2.3	1.521	86.9
815	3/8/2009 1:31	10.44	39.782	25.29	8.27	7.92	2.2	1.451	86.9
816	3/8/2009 1:46	10.44	39.709	25.24	8.25	7.92	2.2	1.383	86.7
817	3/8/2009 2:01	10.45	39.63	25.18	8.25	7.92	2.2	1.332	86.7
818	3/8/2009 2:16	10.46	39.568	25.14	8.24	7.92	2.1	1.272	86.6
819	3/8/2009 2:31	10.47	39.488	25.09	8.25	7.92	2.1	1.218	86.7
820	3/8/2009 2:46	10.47	39.464	25.07	8.24	7.92	2.1	1.202	86.6
821	3/8/2009 3:01	10.47	39.455	25.06	8.21	7.91	2.1	1.186	86.2
822	3/8/2009 3:16	10.47	39.403	25.03	8.18	7.92	2	1.171	85.9
823	3/8/2009 3:31	10.46	39.448	25.06	8.16	7.91	2	1.191	85.7
824	3/8/2009 3:46	10.46	39.484	25.08	7.66	7.91	1.6	1.219	80.4
825	3/8/2009 4:01	10.44	39.547	25.13	7.37	7.84	2	1.255	77.4
826	3/8/2009 4:16	10.43	39.528	25.11	8.11	7.87	3.7	1.317	85.2
827	3/8/2009 4:31	10.42	39.539	25.12	7.94	7.88	3.6	1.373	83.4
828	3/8/2009 4:46	10.37	39.688	25.22	8.62	7.93	7.1	1.452	90.5
829	3/8/2009 5:01	10.35	39.728	25.25	8.68	7.92	5.2	1.522	91.1
830	3/8/2009 5:16	10.36	39.831	25.32	8.7	7.92	5.6	1.603	91.3
831	3/8/2009 5:31	10.39	40.137	25.54	8.64	7.92	4.6	1.683	90.9
832	3/8/2009 5:46	10.31	40.499	25.79	8.73	7.93	4.9	1.755	91.8

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
833	3/8/2009 6:01	10.25	40.617	25.87	8.67	7.96	4.7	1.841	91.1
834	3/8/2009 6:16	10.22	40.924	26.08	8.76	7.94	4.6	1.911	92.1
835	3/8/2009 6:31	10.21	41.375	26.4	8.76	7.95	4.3	1.996	92.3
836	3/8/2009 6:46	10.21	41.837	26.72	8.86	7.96	4.3	2.09	93.6
837	3/8/2009 7:01	10.25	42.417	27.13	8.77	7.96	3.8	2.173	92.9
838	3/8/2009 7:16	10.32	43.346	27.8	8.78	7.97	3.7	2.264	93.6
839	3/8/2009 7:31	10.34	43.77	28.1	8.79	7.98	3.9	2.351	93.8
840	3/8/2009 7:46	10.32	43.939	28.22	8.78	7.97	3.9	2.445	93.9
841	3/8/2009 8:01	10.27	44.091	28.32	8.78	7.98	3.8	2.531	93.8
842	3/8/2009 8:16	10.23	44.294	28.46	8.74	7.98	3.5	2.601	93.4
843	3/8/2009 8:31	10.19	44.539	28.64	8.74	7.98	3.2	2.674	93.3
844	3/8/2009 8:46	10.17	44.537	28.63	8.65	7.96	2.7	2.725	92.3
845	3/8/2009 9:01	10.15	44.908	28.9	8.6	7.97	2.7	2.768	91.9
846	3/8/2009 9:16	10.14	45.049	29	8.47	7.96	2.1	2.805	90.6
847	3/8/2009 9:31	10.14	45.077	29.02	8.44	7.95	2.2	2.799	90.2
848	3/8/2009 9:46	10.14	45.03	28.98	8.44	7.96	2.3	2.783	90.2
849	3/8/2009 10:01	10.15	44.812	28.83	8.29	7.96	1.9	2.736	88.6
850	3/8/2009 10:16	10.17	44.576	28.66	8.17	7.94	1.7	2.68	87.3
851	3/8/2009 10:31	10.24	44.293	28.46	8.13	7.93	2.1	2.591	86.8
852	3/8/2009 10:46	10.3	44.067	28.31	8.18	7.96	2.3	2.496	87.4
853	3/8/2009 11:01	10.33	43.949	28.22	8.19	7.98	2.2	2.411	87.6
854	3/8/2009 11:16	10.37	43.566	27.95	8.2	7.95	2.3	2.3	87.5
855	3/8/2009 11:31	10.4	42.523	27.22	8.22	7.94	2.4	2.174	87.5
856	3/8/2009 11:46	10.43	41.753	26.68	8.23	7.93	2.6	2.063	87.3
857	3/8/2009 12:01	10.46	41.153	26.25	8.16	7.92	2.7	1.944	86.4
858	3/8/2009 12:16	10.48	40.69	25.93	8.08	7.91	2.8	1.833	85.4
859	3/8/2009 12:31	10.51	40.356	25.7	8.04	7.91	2.9	1.712	84.9
860	3/8/2009 12:46	10.55	39.923	25.39	7.97	7.9	3.1	1.554	84.1
861	3/8/2009 13:01	10.61	39.728	25.26	7.81	7.89	2.9	1.435	82.5
862	3/8/2009 13:16	10.67	39.584	25.16	7.66	7.88	2.3	1.306	80.9
863	3/8/2009 13:31	10.73	39.423	25.05	7.64	7.88	2.2	1.18	80.7
864	3/8/2009 13:46	10.81	39.259	24.94	7.84	7.88	2	1.042	82.9
865	3/8/2009 14:01	10.87	39.043	24.79	7.91	7.88	2.1	0.901	83.7
866	3/8/2009 14:16	10.93	38.884	24.68	7.91	7.88	2	0.76	83.8
867	3/8/2009 14:31	11.01	38.755	24.6	7.77	7.85	2	0.616	82.3
868	3/8/2009 14:46	11.04	38.471	24.4	7.64	7.83	2.3	0.512	80.9
869	3/8/2009 15:01	11.06	38.156	24.18	7.91	7.82	2.4	0.396	83.7
870	3/8/2009 15:16	11.09	38.064	24.12	7.95	7.82	2.5	0.247	84.2
871	3/8/2009 15:31	11.12	38.013	24.08	7.95	7.81	2.6	0.214	84.2
872	3/8/2009 15:46	11.15	38.004	24.08	8.02	7.81	2.6	0.109	85
873	3/8/2009 16:01	11.18	37.996	24.07	8.01	7.81	2.6	0.125	84.9
874	3/8/2009 16:16	11.21	37.995	24.07	7.9	7.81	2.4	0.135	83.9
875	3/8/2009 16:31	11.23	37.993	24.07	7.9	7.81	2.4	0.169	83.9
876	3/8/2009 16:46	11.24	38.041	24.11	7.43	7.78	2.2	0.251	78.9
877	3/8/2009 17:01	11.26	38.033	24.1	6.96	7.76	2.1	0.273	73.9
878	3/8/2009 17:16	11.28	38.077	24.13	6.98	7.73	1.5	0.364	74.2
879	3/8/2009 17:31	11.26	38.631	24.52	7.59	7.87	6.5	0.479	80.8
880	3/8/2009 17:46	11.26	38.699	24.57	8.62	7.92	5.6	0.56	91.8
881	3/8/2009 18:01	11.21	38.488	24.42	8.87	7.95	6.2	0.635	94.3

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
882	3/8/2009 18:16	11.19	38.386	24.34	8.81	7.94	5.6	0.722	93.6
883	3/8/2009 18:31	11.18	38.427	24.37	8.82	7.94	5.4	0.79	93.7
884	3/8/2009 18:46	11.15	38.497	24.42	8.91	7.95	5.4	0.941	94.7
885	3/8/2009 19:01	11	38.916	24.71	9.03	7.96	7.7	1.092	95.8
886	3/8/2009 19:16	10.98	38.886	24.69	9.05	7.96	6.2	1.158	95.9
887	3/8/2009 19:31	10.94	38.634	24.51	9.03	7.96	6.3	1.287	95.5
888	3/8/2009 19:46	10.83	39.758	25.29	8.99	7.97	5.4	1.398	95.4
889	3/8/2009 20:01	10.8	40.366	25.72	9.06	7.99	5.5	1.511	96.3
890	3/8/2009 20:16	10.76	40.549	25.84	8.97	7.96	5.1	1.611	95.4
891	3/8/2009 20:31	10.72	41.234	26.32	9.01	7.97	4.8	1.696	95.9
892	3/8/2009 20:46	10.68	41.415	26.45	8.96	7.97	5.3	1.792	95.4
893	3/8/2009 21:01	10.64	41.798	26.72	8.96		5	1.885	95.5
894	3/8/2009 21:16	10.61	42.041	26.89	8.94	7.96	4.9	1.957	95.3
895	3/8/2009 21:31	10.55	42.639	27.31	8.91	7.97	5	2.058	95.1
896	3/8/2009 21:46	10.51	42.952	27.53	8.92	7.97	4.2	2.11	95.3
897	3/8/2009 22:01	10.47	43.518	27.93	8.92	7.97	4.7	2.204	95.4
898	3/8/2009 22:16	10.43	43.909	28.2	8.93	7.97	4.6	2.273	95.6
899	3/8/2009 22:31	10.41	44.131	28.36	8.83	7.97	3.5	2.307	94.6
900	3/8/2009 22:46	10.36	44.619	28.7	8.78	7.96	3.8	2.362	94.2
901	3/8/2009 23:01	10.36	44.518	28.63	8.7	7.96	3.5	2.357	93.3
902	3/8/2009 23:16	10.36	44.367	28.52	8.59	7.95	2.9	2.346	92
903	3/8/2009 23:31	10.35	44.113	28.34	8.54	7.94	2.8	2.299	91.4
904	3/8/2009 23:46	10.35	43.729	28.07	8.34	7.94	2.5	2.261	89.1
905	3/9/2009 0:01	10.32	43.371	27.81	8.33	7.92	2.7	2.186	88.8
906	3/9/2009 0:16	10.33	42.976	27.53	8.26	7.95	2.6	2.101	87.9
907	3/9/2009 0:31	10.35	42.418	27.14	8.33	7.95	2.8	2.012	88.5
908	3/9/2009 0:46	10.36	42.084	26.91	8.31	7.95	2.8	1.952	88.1
909	3/9/2009 1:01	10.36	41.772	26.69	8.34	7.95	3.2	1.885	88.3
910	3/9/2009 1:16	10.36	41.376	26.41	8.4	7.95	3.4	1.758	88.9
911	3/9/2009 1:31	10.35	41.188	26.27	8.39	7.97	3.2	1.705	88.6
912	3/9/2009 1:46	10.32	40.745	25.96	8.38	7.96	3.1	1.6	88.2
913	3/9/2009 2:01	10.3	40.309	25.65	8.48	7.97	3.4	1.471	89.1
914	3/9/2009 2:16	10.3	39.701	25.23	8.46	7.94	3.2	1.419	88.7
915	3/9/2009 2:31	10.29	39.05	24.77	8.42	7.94	3.6	1.314	87.9
916	3/9/2009 2:46	10.29	38.849	24.63	8.45	7.93	3.7	1.235	88.2
917	3/9/2009 3:01	10.28	38.808	24.6	8.47	7.94	4	1.173	88.4
918	3/9/2009 3:16	10.29	38.722	24.54	8.49	7.94	3.8	1.084	88.5
919	3/9/2009 3:31	10.28	38.733	24.55	8.45	7.92	4.1	1.055	88.2
920	3/9/2009 3:46	10.28	38.618	24.47	8.38	7.92	3.7	0.968	87.3
921	3/9/2009 4:01	10.28	38.626	24.48	8.34	7.92	3.7	0.939	86.9
922	3/9/2009 4:16	10.28	38.531	24.41	8.29	7.9	3	0.954	86.4
923	3/9/2009 4:31	10.27	38.644	24.49	8.02	7.89	2.4	0.971	83.6
924	3/9/2009 4:46	10.26	38.68	24.51	7.96	7.91	2.5	0.964	82.9
925	3/9/2009 5:01	10.24	38.679	24.51	7.41	7.86	1.6	1.024	77.2
926	3/9/2009 5:16	10.14	39.735	25.24	8.33	7.9	3.2	1.105	87
927	3/9/2009 5:31	10.12	39.823	25.31	8.7	7.92	4	1.176	90.8
928	3/9/2009 5:46	10.11	39.862	25.33	8.63	7.95	4	1.25	90.1
929	3/9/2009 6:01	10.12	39.784	25.28	8.61	7.93	4.3	1.371	89.9
930	3/9/2009 6:16	10.25	40.428	25.74	8.72	7.96	4.3	1.473	91.5

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
931	3/9/2009 6:31	10.2	40.614	25.86	8.83	7.94	4.5	1.56	92.7
932	3/9/2009 6:46	10.16	40.897	26.06	8.78	7.94	4.3	1.647	92.2
933	3/9/2009 7:01	10.13	41.387	26.4	8.76	7.94	4.1	1.752	92.1
934	3/9/2009 7:16	10.09	41.906	26.77	8.84	7.95	4	1.841	93.1
935	3/9/2009 7:31	10.11	42.529	27.21	8.85	7.95	3.6	1.922	93.6
936	3/9/2009 7:46	10.2	43.385	27.82	8.99	7.96	3.8	2.003	95.6
937	3/9/2009 8:01	10.18	43.956	28.22	9.08	7.98	4.1	2.118	96.7
938	3/9/2009 8:16	10.16	44.191	28.39	9.12	7.97	4.3	2.209	97.2
939	3/9/2009 8:31	10.12	44.313	28.47	9.17	7.97	4.5	2.318	97.7
940	3/9/2009 8:46	10.07	44.558	28.64	9.19	7.98	4.8	2.399	97.9
941	3/9/2009 9:01	10.03	44.854	28.85	9.21	7.98	4.6	2.484	98.1
942	3/9/2009 9:16	9.96	45.336	29.19	9.21	7.98	4.4	2.567	98.2
943	3/9/2009 9:31	9.88	45.969	29.64	9.19	7.98	4.5	2.652	98.2
944	3/9/2009 9:46	9.86	46.265	29.85	9.24	7.98	4	2.715	98.7
945	3/9/2009 10:01	9.85	46.406	29.95	9.18	7.97	3.4	2.749	98.1
946	3/9/2009 10:16	9.85	46.484	30	9.1	7.96	2.9	2.761	97.4
947	3/9/2009 10:31	9.85	46.516	30.03	9.06	7.97	2.9	2.778	97
948	3/9/2009 10:46	9.86	46.416	29.96	8.99	7.96	2.8	2.743	96.1
949	3/9/2009 11:01	9.88	46.153	29.77	8.76	7.95	2.3	2.696	93.6
950	3/9/2009 11:16	9.99	45.857	29.56	8.63	7.94	2.7	2.655	92.4
951	3/9/2009 11:31	10.11	45.278	29.16	8.66	7.96	2.6	2.556	92.7
952	3/9/2009 11:46	10.18	44.744	28.78	8.65	7.96	2.6	2.442	92.5
953	3/9/2009 12:01	10.22	44.493	28.6	8.64	7.99	2.7	2.354	92.4
954	3/9/2009 12:16	10.27	44.241	28.43	8.61	7.96	2.6	2.231	92
955	3/9/2009 12:31	10.34	43.918	28.2	8.56	7.95	2.4	2.121	91.5
956	3/9/2009 12:46	10.43	43.275	27.75	8.45	7.94	2.3	2.004	90.3
957	3/9/2009 13:01	10.52	42.187	26.99	8.34	7.94	2.4	1.88	88.8
958	3/9/2009 13:16	10.57	41.336	26.39	8.24	7.92	2.7	1.746	87.5
959	3/9/2009 13:31	10.64	40.845	26.05	8.24	7.92	2.8	1.607	87.4
960	3/9/2009 13:46	10.71	40.224	25.61	8.15	7.91	2.7	1.464	86.4
961	3/9/2009 14:01	10.74	39.87	25.36	8.16	7.91	2.9	1.342	86.4
962	3/9/2009 14:16	10.81	39.714	25.26	8.05	7.9	2.6	1.187	85.3
963	3/9/2009 14:31	10.86	38.978	24.75	7.56	7.87	2.1	1.044	79.9
964	3/9/2009 14:46	10.89	38.378	24.33	7.79	7.88	2.9	0.904	82.3
965	3/9/2009 15:01	10.94	38.236	24.23	8.06	7.88	3.4	0.754	85.1
966	3/9/2009 15:16	10.98	38.427	24.37	8.15	7.88	3.4	0.595	86.2
967	3/9/2009 15:31	11.02	38.344	24.31	8.3	7.86	3.2	0.466	87.9
968	3/9/2009 15:46	11.04	38.289	24.27	8.46	7.85	3.2	0.365	89.5
969	3/9/2009 16:01	11.05	38.239	24.24	8.47	7.86	3.2	0.244	89.6
970	3/9/2009 16:16	11.08	38.241	24.24	8.27	7.84	3.3	0.165	87.6
971	3/9/2009 16:31	11.1	38.244	24.24	8.29	7.85	3	0.125	87.9
972	3/9/2009 16:46	11.13	38.22	24.23	8.27	7.83	2.8	0.112	87.7
973	3/9/2009 17:01	11.14	38.251	24.25	8.13	7.81	2.7	0.155	86.2
974	3/9/2009 17:16	11.15	38.274	24.27	7.64	7.84	2.3	0.219	81
975	3/9/2009 17:31	11.16	38.087	24.13	7.32	7.78	2.1	0.279	77.6
976	3/9/2009 17:46	11.16	38.064	24.12	6.85	7.76	1.6	0.39	72.6
977	3/9/2009 18:01	11.17	38.567	24.47	6.27	7.72	2	0.482	66.7
978	3/9/2009 18:16	11.04	39.232	24.93	9.17	7.95	4.3	0.565	97.5
979	3/9/2009 18:31	11.03	39.133	24.86	9.15	7.97	4.3	0.662	97.2

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
980	3/9/2009 18:46	11.04	39.105	24.84	9.13	7.96	3.5	0.759	96.9
981	3/9/2009 19:01	11.04	39.204	24.91	9.23	7.98	3.8	0.862	98.1
982	3/9/2009 19:16	11.03	39.284	24.97	9.35	8.01	3.9	0.956	99.4
983	3/9/2009 19:31	10.99	39.638	25.21	9.35	7.98	3.9	1.073	99.5
984	3/9/2009 19:46	10.89	39.982	25.45	9.37	7.98	4.9	1.198	99.6
985	3/9/2009 20:01	10.85	39.933	25.41	9.38	7.98	5.2	1.308	99.6
986	3/9/2009 20:16	10.82	39.83	25.34	9.28	7.98	4.2	1.419	98.4
987	3/9/2009 20:31	10.75	41.354	26.41	9.27	8.01	4.1	1.542	98.8
988	3/9/2009 20:46	10.73	41.688	26.64	9.28	7.98	4	1.643	99
989	3/9/2009 21:01	10.67	41.868	26.77	9.26	7.98	4.3	1.748	98.8
990	3/9/2009 21:16	10.62	42.096	26.93	9.24		4.5	1.85	98.6
991	3/9/2009 21:31	10.58	42.444	27.17	9.27	8.01	4.3	1.948	98.9
992	3/9/2009 21:46	10.53	42.75	27.38	9.26	7.97	4.1	2.038	98.8
993	3/9/2009 22:01	10.49	43.366	27.82	9.27	7.98	4	2.13	99.1
994	3/9/2009 22:16	10.43	43.94	28.22	9.25	7.98	3.6	2.204	99
995	3/9/2009 22:31	10.37	44.696	28.76	9.27	7.98	4	2.291	99.5
996	3/9/2009 22:46	10.33	45.041	29	9.27	8.01	3.5	2.355	99.6
997	3/9/2009 23:01	10.31	45.345	29.22	9.22	7.98	3.3	2.422	99.1
998	3/9/2009 23:16	10.28	45.496	29.32	9.13	7.97	3.1	2.466	98.2
999	3/9/2009 23:31	10.27	45.633	29.42	9.06	7.97	2.7	2.489	97.4
1000	3/9/2009 23:46	10.26	45.627	29.42	8.95	7.96	2.6	2.494	96.3
1001	3/10/2009 0:01	10.26	45.619	29.41	8.93	7.96	2.5	2.473	96
1002	3/10/2009 0:16	10.26	45.333	29.21	8.77	7.95	2.1	2.413	94.2
1003	3/10/2009 0:31	10.22	44.959	28.94	8.7	7.98	2.3	2.334	93.1
1004	3/10/2009 0:46	10.2	44.431	28.56	8.66	7.96	2.4	2.255	92.4
1005	3/10/2009 1:01	10.21	43.606	27.97	8.7	7.96	2.4	2.164	92.6
1006	3/10/2009 1:16	10.24	42.868	27.45	8.7	7.96	2.7	2.039	92.4
1007	3/10/2009 1:31	10.23	42.427	27.14	8.72	7.96	2.7	1.94	92.3
1008	3/10/2009 1:46	10.21	42.123	26.93	8.71	7.96	2.6	1.835	92.1
1009	3/10/2009 2:01	10.21	41.892	26.76	8.77	7.96	2.6	1.716	92.6
1010	3/10/2009 2:16	10.21	41.623	26.57	8.75	7.97	2.3	1.6	92.3
1011	3/10/2009 2:31	10.21	40.591	25.85	8.72	7.96	2.4	1.487	91.5
1012	3/10/2009 2:46	10.19	40.024	25.45	8.8	7.96	2.6	1.383	92.1
1013	3/10/2009 3:01	10.19	39.953	25.4	8.84	7.99	2.6	1.282	92.5
1014	3/10/2009 3:16	10.18	39.869	25.34	8.84	7.98	2.6	1.158	92.4
1015	3/10/2009 3:31	10.16	39.563	25.12	8.77	7.95	2.6	1.053	91.5
1016	3/10/2009 3:46	10.15	39.39	25	8.76	7.98	2.5	0.957	91.3
1017	3/10/2009 4:01	10.12	39.245	24.9	8.75	7.95	2.6	0.859	91.1
1018	3/10/2009 4:16	10.1	39.266	24.91	8.71	7.97	2.4	0.79	90.7
1019	3/10/2009 4:31	10.08	39.191	24.86	8.66	7.93	2.7	0.73	90.1
1020	3/10/2009 4:46	10.06	39.203	24.87	8.62	7.96	2.6	0.695	89.7
1021	3/10/2009 5:01	10.05	39.217	24.88	8.6	7.95	2.6	0.698	89.4
1022	3/10/2009 5:16	10.04	39.223	24.88	8.56	7.95	2.4	0.679	89
1023	3/10/2009 5:31	10.03	39.204	24.87	8.24	7.9	2	0.729	85.6
1024	3/10/2009 5:46	10	39.282	24.92	7.18	7.82	0.9	0.795	74.6
1025	3/10/2009 6:01	9.94	39.97	25.4	7.9	7.88	2.3	0.859	82.2
1026	3/10/2009 6:16	9.94	40.401	25.7	8.91	7.94	3	0.946	92.9
1027	3/10/2009 6:31	9.89	40.39	25.69	8.84	7.96	3.4	1.061	92.1
1028	3/10/2009 6:46	9.9	40.298	25.63	8.86	7.94	3.7	1.152	92.2

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1029	3/10/2009 7:01	9.98	40.367	25.68	8.78	7.94	3.1	1.259	91.6
1030	3/10/2009 7:16	10.08	40.692	25.91	8.97	7.94	3.3	1.355	93.9
1031	3/10/2009 7:31	10.04	41.286	26.33	8.98	7.95	3.3	1.449	94.2
1032	3/10/2009 7:46	10.01	41.186	26.26	8.97	7.94	3.2	1.548	94
1033	3/10/2009 8:01	10.06	41.826	26.71	9	7.95	3.2	1.643	94.7
1034	3/10/2009 8:16	10.13	42.178	26.96	9.05	7.94	3	1.736	95.5
1035	3/10/2009 8:31	10.19	42.747	27.37	9.11	7.96	3.2	1.826	96.5
1036	3/10/2009 8:46	10.19	43.167	27.66	9.09	7.95	3.2	1.919	96.5
1037	3/10/2009 9:01	10.12	43.488	27.89	9.13	7.96	3.4	2	96.9
1038	3/10/2009 9:16	10.06	43.795	28.1	9.17	7.98	3.4	2.1	97.3
1039	3/10/2009 9:31	10.04	44.043	28.28	9.2	7.95	3.5	2.198	97.7
1040	3/10/2009 9:46	9.99	44.349	28.49	9.2	7.98	3.5	2.289	97.8
1041	3/10/2009 10:01	9.97	44.96	28.92	9.16	7.96	3.7	2.394	97.5
1042	3/10/2009 10:16	9.93	45.556	29.35	9.19	7.99	3.4	2.47	98.1
1043	3/10/2009 10:31	9.91	45.972	29.64	9.21	7.96	3.4	2.547	98.4
1044	3/10/2009 10:46	9.89	46.263	29.85	9.17	7.96	3.1	2.616	98.1
1045	3/10/2009 11:01	9.88	46.41	29.95	9.03	7.98	2.9	2.664	96.6
1046	3/10/2009 11:16	9.87	46.457	29.98	8.98	7.95	2.3	2.68	96.1
1047	3/10/2009 11:31	9.86	46.468	29.99	8.92	7.94	2.2	2.696	95.4
1048	3/10/2009 11:46	9.87	46.449	29.98	8.89	7.94	2.1	2.675	95.1
1049	3/10/2009 12:01	9.87	46.351	29.91	8.84		1.9	2.622	94.5
1050	3/10/2009 12:16	9.89	45.983	29.65	8.63	7.93	1.6	2.543	92.2
1051	3/10/2009 12:31	10	45.401	29.24	8.62	7.94	2	2.44	92.1
1052	3/10/2009 12:46	10.07	44.619	28.69	8.69	7.94	2.2	2.343	92.6
1053	3/10/2009 13:01	10.13	44.222	28.41	8.66	7.94	2.1	2.221	92.3
1054	3/10/2009 13:16	10.18	43.799	28.11	8.64	7.94	2.1	2.096	92
1055	3/10/2009 13:31	10.23	43.479	27.89	8.61	7.92	2	1.974	91.6
1056	3/10/2009 13:46	10.29	43.035	27.57	8.57	7.93	2	1.842	91.2
1057	3/10/2009 14:01	10.34	42.297	27.06	8.53	7.92	2.4	1.708	90.5
1058	3/10/2009 14:16	10.41	41.815	26.72	8.46	7.94	2.2	1.588	89.7
1059	3/10/2009 14:31	10.45	41.307	26.36	8.44	7.94	2.2	1.439	89.4
1060	3/10/2009 14:46	10.49	40.639	25.89	8.41	7.91	2.1	1.296	88.9
1061	3/10/2009 15:01	10.53	40.42	25.74	8.38	7.91	2.3	1.15	88.6
1062	3/10/2009 15:16	10.56	40.294	25.66	8.34	7.92	2.3	1.024	88.1
1063	3/10/2009 15:31	10.6	39.986	25.44	8.13	7.88	1.9	0.878	85.9
1064	3/10/2009 15:46	10.63	39.169	24.87	7.91	7.86	1.9	0.735	83.3
1065	3/10/2009 16:01	10.65	39.082	24.81	7.99	7.86	2.3	0.578	84.2
1066	3/10/2009 16:16	10.67	38.825	24.63	8.19	7.85	2.7	0.46	86.1
1067	3/10/2009 16:31	10.68	38.675	24.53	8.38	7.84	2.9	0.353	88.2
1068	3/10/2009 16:46	10.69	38.656	24.51	8.4	7.85	2.9	0.258	88.4
1069	3/10/2009 17:01	10.69	38.623	24.49	8.37	7.84	2.9	0.193	88.1
1070	3/10/2009 17:16	10.7	38.655	24.51	8.35	7.86	2.9	0.182	87.9
1071	3/10/2009 17:31	10.7	38.382	24.32	8.34	7.83	2.9	0.187	87.7
1072	3/10/2009 17:46	10.7	38.628	24.49	8.21	7.83	2.7	0.266	86.4
1073	3/10/2009 18:01	10.7	38.468	24.38	7.97	7.82	2.7	0.331	83.8
1074	3/10/2009 18:16	10.7	38.727	24.56	7.12	7.74	1.5	0.424	74.9
1075	3/10/2009 18:31	10.68	39.424	25.05	6.89	7.76	4.3	0.517	72.7
1076	3/10/2009 18:46	10.66	40.564	25.85	9.06	7.94	6.2	0.59	96.1
1077	3/10/2009 19:01	10.63	40.555	25.84	9.23	7.96	6.6	0.693	97.8

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1078	3/10/2009 19:16	10.59	40	25.45	9.26	7.96	6	0.794	97.8
1079	3/10/2009 19:31	10.56	40.081	25.51	9.23	7.96	5.7	0.9	97.5
1080	3/10/2009 19:46	10.57	40.038	25.48	9.22	7.96	4.9	0.984	97.4
1081	3/10/2009 20:01	10.57	40.054	25.49	9.28	7.96	4.7	1.093	98
1082	3/10/2009 20:16	10.58	40.408	25.74	9.35	8	4.9	1.217	98.9
1083	3/10/2009 20:31	10.48	40.678	25.92	9.47	8.01	6.2	1.333	100.1
1084	3/10/2009 20:46	10.47	40.769	25.98	9.23	7.97	4.9	1.439	97.5
1085	3/10/2009 21:01	10.5	41.788	26.7	9.45	7.97	5.4	1.547	100.3
1086	3/10/2009 21:16	10.45	42.077	26.91	9.34	7.97	4.9	1.67	99.3
1087	3/10/2009 21:31	10.44	42.607	27.28	9.35	8	4.8	1.763	99.6
1088	3/10/2009 21:46	10.4	43.031	27.58	9.42	8	5.4	1.873	100.4
1089	3/10/2009 22:01	10.35	43.319	27.78	9.35	7.99	5.1	1.979	99.7
1090	3/10/2009 22:16	10.32	43.592	27.97	9.35	7.97	4.6	2.08	99.7
1091	3/10/2009 22:31	10.24	44.562	28.66	9.25	7.96	4.3	2.174	99
1092	3/10/2009 22:46	10.16	45.276	29.16	9.22	7.99	4.2	2.27	98.7
1093	3/10/2009 23:01	10.12	45.59	29.38	9.23	7.96	4.2	2.366	98.9
1094	3/10/2009 23:16	10.08	45.876	29.58	9.19	7.99	4	2.443	98.5
1095	3/10/2009 23:31	10.04	46.246	29.85	9.19	7.98	3.5	2.505	98.6
1096	3/10/2009 23:46	10.02	46.471	30	9.12	7.97	3.4	2.568	97.9
1097	3/11/2009 0:01	10.01	46.535	30.05	9.06	7.94	2.8	2.593	97.3
1098	3/11/2009 0:16	10.01	46.457	29.99	8.89	7.94	2.6	2.609	95.4
1099	3/11/2009 0:31	10.01	46.545	30.06	8.91	7.94	2.6	2.585	95.6
1100	3/11/2009 0:46	10.01	46.173	29.79	8.84	7.93	2.2	2.531	94.8
1101	3/11/2009 1:01	9.98	45.994	29.66	8.69	7.9	2.3	2.462	93.1
1102	3/11/2009 1:16	9.95	45.65	29.41	8.68	7.94	2.3	2.36	92.7
1103	3/11/2009 1:31	9.96	45.239	29.12	8.73	7.94	2.3	2.255	93.1
1104	3/11/2009 1:46	9.99	44.509	28.6	8.81		2.6	2.14	93.6
1105	3/11/2009 2:01	9.99	43.716	28.04	8.86	7.98	2.8	2.021	93.8
1106	3/11/2009 2:16	9.96	43.251	27.71	8.87	7.98	2.8	1.91	93.7
1107	3/11/2009 2:31	9.96	42.857	27.43	8.89	7.98	2.7	1.774	93.8
1108	3/11/2009 2:46	9.96	42.272	27.02	8.88	7.95	2.7	1.651	93.5
1109	3/11/2009 3:01	9.95	42.036	26.85	8.9	7.98	2.9	1.526	93.6
1110	3/11/2009 3:16	9.95	41.211	26.27	8.9	7.98	2.8	1.415	93.2
1111	3/11/2009 3:31	9.94	40.745	25.94	8.94	7.95	3	1.28	93.4
1112	3/11/2009 3:46	9.91	40.416	25.71	8.84	7.94	3	1.168	92.1
1113	3/11/2009 4:01	9.87	40.211	25.56	8.78	7.93	3.1	1.026	91.4
1114	3/11/2009 4:16	9.85	40.188	25.55	8.78	7.93	3.4	0.905	91.2
1115	3/11/2009 4:31	9.83	39.999	25.41	8.76	7.92	3.4	0.793	91
1116	3/11/2009 4:46	9.8	40.162	25.53	8.75	7.92	3.1	0.691	90.8
1117	3/11/2009 5:01	9.78	39.966	25.39	8.73	7.93	3.2	0.611	90.5
1118	3/11/2009 5:16	9.74	40.006	25.41	8.29	7.89	2.8	0.538	85.9
1119	3/11/2009 5:31	9.72	39.72	25.21	8.02	7.87	2.7	0.505	82.9
1120	3/11/2009 5:46	9.7	39.567	25.11	7.94	7.87	2.4	0.486	82.1
1121	3/11/2009 6:01	9.69	39.545	25.09	7.92	7.87	2.6	0.504	81.8
1122	3/11/2009 6:16	9.68	39.947	25.37	8	7.86	2.3	0.547	82.7
1123	3/11/2009 6:31	9.65	40.23	25.57	7.17	7.83	0.9	0.609	74.2
1124	3/11/2009 6:46	9.6	40.723	25.91	8.68	7.91	4.2	0.699	89.9
1125	3/11/2009 7:01	9.55	40.915	26.04	9.02	7.94	4.9	0.793	93.4
1126	3/11/2009 7:16	9.49	40.847	25.99	8.96	7.94	4.9	0.894	92.6

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1127	3/11/2009 7:31	9.45	40.418	25.69	8.95	7.93	5.1	0.994	92.3
1128	3/11/2009 7:46	9.49	40.691	25.88	8.88	7.93	4.6	1.106	91.8
1129	3/11/2009 8:01	9.65	41.182	26.23	9.03	7.97	4.3	1.208	93.8
1130	3/11/2009 8:16	9.72	41.55	26.5	9	7.93	3.8	1.308	93.9
1131	3/11/2009 8:31	9.77	42.028	26.84	9.01	7.96	3.7	1.409	94.3
1132	3/11/2009 8:46	9.83	42.465	27.15	9.13	7.95	3.9	1.519	95.8
1133	3/11/2009 9:01	9.89	42.866	27.43	9.1	7.98	3.6	1.61	95.9
1134	3/11/2009 9:16	9.94	43.31	27.75	9.19	7.98	3.6	1.702	97.1
1135	3/11/2009 9:31	9.96	43.285	27.73	9.12	7.95	3.6	1.791	96.3
1136	3/11/2009 9:46	9.96	43.532	27.91	9.17	7.96	3.9	1.894	97
1137	3/11/2009 10:01	9.92	44.061	28.28	9.15	7.95	4.2	1.991	97
1138	3/11/2009 10:16	9.89	44.297	28.45	9.14	7.95	3.8	2.084	96.9
1139	3/11/2009 10:31	9.89	44.631	28.68	9.13	7.95	4	2.176	96.9
1140	3/11/2009 10:46	9.83	44.891	28.87	9.1	7.94	3.8	2.279	96.6
1141	3/11/2009 11:01	9.75	45.892	29.57	8.97	7.94	4	2.372	95.5
1142	3/11/2009 11:16	9.72	46.381	29.92	8.9	7.94	3.8	2.452	94.9
1143	3/11/2009 11:31	9.72	46.624	30.1	8.86	7.93	3.4	2.525	94.6
1144	3/11/2009 11:46	9.7	46.767	30.2	8.79	7.92	3.2	2.59	93.8
1145	3/11/2009 12:01	9.69	46.605	30.08	8.68	7.92	2.8	2.618	92.5
1146	3/11/2009 12:16	9.68	46.976	30.34	8.62	7.92	2.6	2.635	92
1147	3/11/2009 12:31	9.68	46.999	30.36	8.45	7.94	2.6	2.639	90.3
1148	3/11/2009 12:46	9.7	46.885	30.28	8.53	7.94	2.3	2.582	91.1
1149	3/11/2009 13:01	9.71	46.49	30	8.44	7.92	2.1	2.507	90
1150	3/11/2009 13:16	9.85	46.294	29.87	8.44	7.95	2.3	2.413	90.1
1151	3/11/2009 13:31	10	45.29	29.16	8.54	7.92	2.1	2.315	91.1
1152	3/11/2009 13:46	10.08	44.601	28.67	8.64	7.94	2.4	2.191	92.1
1153	3/11/2009 14:01	10.13	44.079	28.31	8.68	7.95	2.3	2.062	92.4
1154	3/11/2009 14:16	10.19	43.797	28.11	8.69	7.94	2.4	1.942	92.5
1155	3/11/2009 14:31	10.25	43.533	27.93	8.65	7.93	2.3	1.817	92.1
1156	3/11/2009 14:46	10.34	43.368	27.81	8.63	7.96	2.4	1.692	92
1157	3/11/2009 15:01	10.4	42.842	27.44	8.59	7.93	2.4	1.575	91.5
1158	3/11/2009 15:16	10.45	42.006	26.86	8.59	7.93	2.5	1.434	91.3
1159	3/11/2009 15:31	10.51	41.374	26.41	8.53	7.92	2.5	1.299	90.5
1160	3/11/2009 15:46	10.56	41.191	26.29	8.46	7.91	2.5	1.192	89.7
1161	3/11/2009 16:01	10.6	40.528	25.82	8.45	7.9	2.9	1.051	89.4
1162	3/11/2009 16:16	10.66	40.469	25.78	8.45	7.91	2.8	0.909	89.5
1163	3/11/2009 16:31	10.74	40.375	25.72	8.4	7.91	2.8	0.78	89.1
1164	3/11/2009 16:46	10.81	40.522	25.83	8.1	7.87	2.2	0.652	86.1
1165	3/11/2009 17:01	10.83	40.015	25.47	7.57	7.84	1.8	0.551	80.3
1166	3/11/2009 17:16	10.86	39.436	25.07	7.7	7.84	2.6	0.458	81.6
1167	3/11/2009 17:31	10.89	38.946	24.72	7.92	7.85	3.3	0.388	83.8
1168	3/11/2009 17:46	10.9	38.768	24.6	7.99	7.84	3.4	0.36	84.5
1169	3/11/2009 18:01	10.92	38.803	24.63	7.97	7.84	3.4	0.356	84.4
1170	3/11/2009 18:16	10.94	38.996	24.76	7.94	7.84	3.3	0.355	84.1
1171	3/11/2009 18:31	10.95	39.065	24.81	7.63	7.82	2.6	0.408	80.8
1172	3/11/2009 18:46	10.97	39.705	25.26	6.26	7.72	1	0.501	66.6
1173	3/11/2009 19:01	11	40.859	26.07	9.22	7.97	2.9	0.57	98.6
1174	3/11/2009 19:16	10.97	41.063	26.21	9.69	8	3.4	0.66	103.7
1175	3/11/2009 19:31	10.94	41.154	26.28	9.62	8	3.7	0.779	102.9

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1176	3/11/2009 19:46	10.93	41.078	26.22	9.61	8	3.8	0.867	102.8
1177	3/11/2009 20:01	10.93	40.841	26.06	9.59	8	3.6	0.977	102.4
1178	3/11/2009 20:16	10.94	40.847	26.06	9.66	8	3.1	1.087	103.2
1179	3/11/2009 20:31	10.9	41.676	26.64	9.59	7.99	3	1.189	102.7
1180	3/11/2009 20:46	10.8	41.976	26.85	9.51	7.98	3	1.311	101.8
1181	3/11/2009 21:01	10.7	42.193	27	9.47	7.97	3.9	1.408	101.2
1182	3/11/2009 21:16	10.62	42.564	27.26	9.45	7.97	3.3	1.514	101
1183	3/11/2009 21:31	10.61	43.127	27.66	9.45	8	3.5	1.623	101.3
1184	3/11/2009 21:46	10.59	43.117	27.65	9.42	7.97	3.5	1.726	100.9
1185	3/11/2009 22:01	10.56	43.852	28.17	9.35	7.97	3.7	1.834	100.4
1186	3/11/2009 22:16	10.47	44.091	28.33	9.33	7.99	3.8	1.932	100.1
1187	3/11/2009 22:31	10.4	44.358	28.52	9.28	7.96	3.7	2.038	99.5
1188	3/11/2009 22:46	10.36	44.37	28.52	9.26	7.96	3.6	2.139	99.2
1189	3/11/2009 23:01	10.28	45.454	29.29	9.11	7.94	3.7	2.245	97.9
1190	3/11/2009 23:16	10.18	45.964	29.65	8.99	7.94	3.8	2.343	96.6
1191	3/11/2009 23:31	10.12	46.62	30.12	8.9	7.96	3.6	2.436	95.9
1192	3/11/2009 23:46	10.08	46.533	30.05	8.86	7.94	3.4	2.531	95.3
1193	3/12/2009 0:01	10.06	47.082	30.44	8.78	7.93	3.2	2.603	94.6
1194	3/12/2009 0:16	10.03	47.334	30.62	8.74	7.95	3.1	2.658	94.2
1195	3/12/2009 0:31	9.99	47.29	30.59	8.64	7.92	2.4	2.693	93
1196	3/12/2009 0:46	9.98	47.477	30.72	8.51	7.91	2.4	2.715	91.7
1197	3/12/2009 1:01	9.98	47.343	30.63	8.47	7.91	2.2	2.699	91.3
1198	3/12/2009 1:16	9.99	47.338	30.62	8.45	7.91	2	2.653	91
1199	3/12/2009 1:31	9.97	46.674	30.15	8.41	7.91	1.9	2.583	90.3
1200	3/12/2009 1:46	9.96	46.759	30.21	8.37	7.93	2.2	2.497	89.9
1201	3/12/2009 2:01	9.99	46.452	29.99	8.46	7.93	2.1	2.394	90.8
1202	3/12/2009 2:16	10.02	45.413	29.25	8.62	7.95	2.3	2.261	92.1
1203	3/12/2009 2:31	10.02	44.571	28.65	8.75	7.95	2.3	2.137	93.1
1204	3/12/2009 2:46	10.03	44.139	28.34	8.82	7.95	2.3	2.03	93.7
1205	3/12/2009 3:01	10.03	44.155	28.35	8.84	7.95	2.3	1.903	93.9
1206	3/12/2009 3:16	10.04	43.507	27.9	8.89	7.96	2.3	1.759	94.2
1207	3/12/2009 3:31	10.06	43.318	27.76	8.91	7.96	2.1	1.636	94.3
1208	3/12/2009 3:46	10.07	42.609	27.26	8.95	7.96	2.1	1.507	94.5
1209	3/12/2009 4:01	10.08	42.206	26.98	8.98	7.96	2	1.377	94.7
1210	3/12/2009 4:16	10.07	41.878	26.75	9.01	7.96	2	1.254	94.8
1211	3/12/2009 4:31	10.06	41.583	26.54	8.99	7.96	2	1.122	94.5
1212	3/12/2009 4:46	10.04	41.222	26.28	9.04	7.96	2.3	0.981	94.9
1213	3/12/2009 5:01	10.04	41.2	26.27	9.06	7.99	2.3	0.842	95.1
1214	3/12/2009 5:16	10.04	41.152	26.23	9.04	7.96	2.3	0.733	94.8
1215	3/12/2009 5:31	10.04	41.093	26.19	8.91	7.95	2.1	0.617	93.4
1216	3/12/2009 5:46	10.04	40.327	25.65	7.89	7.92	1.9	0.521	82.4
1217	3/12/2009 6:01	10.02	39.477	25.06	7.72	7.87	2.8	0.443	80.3
1218	3/12/2009 6:16	9.98	39.071	24.77	7.85	7.85	3.5	0.409	81.5
1219	3/12/2009 6:31	9.95	39.233	24.88	7.98	7.85	3.7	0.398	82.8
1220	3/12/2009 6:46	9.95	39.299	24.93	7.98	7.87	3.8	0.412	82.9
1221	3/12/2009 7:01	9.99	39.219	24.88	7.59	7.83	2.4	0.461	78.8
1222	3/12/2009 7:16	10	40.004	25.43	6.62	7.81	0.7	0.523	69
1223	3/12/2009 7:31	9.99	41.653	26.58	8.16	7.93	2.2	0.611	85.7
1224	3/12/2009 7:46	9.97	41.631	26.57	9.16	7.96	2.9	0.706	96.1

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1225	3/12/2009 8:01	9.91	41.714	26.62	9.11	7.96	2.9	0.802	95.4
1226	3/12/2009 8:16	9.88	41.275	26.31	9.08	7.95	3	0.9	94.9
1227	3/12/2009 8:31	9.88	41.453	26.44	8.99	7.95	3.1	1.007	94.1
1228	3/12/2009 8:46	9.92	41.274	26.31	8.94	7.95	2.6	1.114	93.6
1229	3/12/2009 9:01	10	41.965	26.8	9	7.94	2.2	1.198	94.7
1230	3/12/2009 9:16	10.04	42.201	26.97	9.07	7.95	2.6	1.315	95.5
1231	3/12/2009 9:31	10.07	42.73	27.35	9.06	7.94	2.5	1.418	95.7
1232	3/12/2009 9:46	10.11	42.948	27.5	9.07	7.95	2.6	1.5	96
1233	3/12/2009 10:01	10.2	43.246	27.72	9.13	7.96	2.9	1.608	97
1234	3/12/2009 10:16	10.24	43.657	28.01	9.16	7.96	2.9	1.705	97.6
1235	3/12/2009 10:31	10.24	43.906	28.19	9.15	7.96	3.1	1.795	97.5
1236	3/12/2009 10:46	10.21	44.316	28.48	9.06	7.98	3.2	1.878	96.8
1237	3/12/2009 11:01	10.17	44.265	28.44	9.1	7.94	3.1	1.981	97
1238	3/12/2009 11:16	10.17	44.762	28.79	9.07	7.94	3.4	2.072	96.9
1239	3/12/2009 11:31	10.16	44.723	28.77	9.02	7.94	2.9	2.152	96.4
1240	3/12/2009 11:46	10.05	45.28	29.16	8.93	7.93	3.1	2.241	95.5
1241	3/12/2009 12:01	9.94	46.012	29.67	8.8	7.93	3.1	2.325	94.1
1242	3/12/2009 12:16	9.92	46.523	30.04	8.74	7.93	3	2.393	93.7
1243	3/12/2009 12:31	9.92	46.791	30.23	8.65	7.92	2.6	2.462	92.8
1244	3/12/2009 12:46	9.93	46.644	30.12	8.57	7.92	2.2	2.493	91.9
1245	3/12/2009 13:01	9.94	46.792	30.23	8.51	7.91	2.1	2.518	91.4
1246	3/12/2009 13:16	9.94	46.73	30.18	8.46	7.9	2	2.517	90.8
1247	3/12/2009 13:31	9.94	46.539	30.05	8.44	7.91	1.8	2.493	90.5
1248	3/12/2009 13:46	9.95	46.543	30.05	8.28	7.91	1.6	2.427	88.7
1249	3/12/2009 14:01	10.08	46.335	29.91	8.28	7.92	1.7	2.337	89
1250	3/12/2009 14:16	10.3	45.481	29.31	8.34	7.93	2	2.262	89.6
1251	3/12/2009 14:31	10.43	45.11	29.06	8.49	7.93	2.1	2.15	91.4
1252	3/12/2009 14:46	10.47	44.514	28.63	8.56	7.93	2.1	2.04	92
1253	3/12/2009 15:01	10.52	44.386	28.54	8.55	7.93	2.1	1.924	91.9
1254	3/12/2009 15:16	10.58	44.125	28.36	8.58	7.93	2	1.815	92.3
1255	3/12/2009 15:31	10.67	43.923	28.22	8.59	7.93	2	1.702	92.5
1256	3/12/2009 15:46	10.73	43.557	27.97	8.55	7.93	1.8	1.588	92
1257	3/12/2009 16:01	10.81	42.768	27.41	8.53	7.93	1.9	1.463	91.7
1258	3/12/2009 16:16	10.87	42.368	27.13	8.49	7.93	1.6	1.343	91.2
1259	3/12/2009 16:31	10.94	41.954	26.84	8.46	7.92	1.6	1.229	90.8
1260	3/12/2009 16:46	11	41.576	26.58	8.45	7.92	1.8	1.125	90.6
1261	3/12/2009 17:01	11.05	41.378	26.44	8.49	7.92	2	1.002	91.2
1262	3/12/2009 17:16	11.12	41.219	26.33	8.47	7.92	2	0.893	90.9
1263	3/12/2009 17:31	11.2	41.171	26.3	8.48	7.93	2	0.795	91.2
1264	3/12/2009 17:46	11.28	41.132	26.27	8.43	7.92	2	0.716	90.9
1265	3/12/2009 18:01	11.36	41.209	26.33	8.31	7.9	1.9	0.636	89.7
1266	3/12/2009 18:16	11.38	40.964	26.16	7.85	7.87	1.8	0.589	84.8
1267	3/12/2009 18:31	11.4	40.866	26.09	7.72	7.88	1.7	0.592	83.3
1268	3/12/2009 18:46	11.42	40.796	26.04	7.61	7.87	1.7	0.588	82.2
1269	3/12/2009 19:01	11.44	41.03	26.21	7.69	7.87	1.8	0.612	83.1
1270	3/12/2009 19:16	11.46	41.197	26.33	7.15	7.82	0.7	0.679	77.4
1271	3/12/2009 19:31	11.53	41.36	26.45	8.14	7.86	1.5	0.76	88.3
1272	3/12/2009 19:46	11.53	41.742	26.71	9.87	8.03	2.4	0.845	107.2
1273	3/12/2009 20:01	11.55	41.768	26.73	9.98	8.03	2.6	0.947	108.5

sonde #2		Indian Island Long-Term Deployment Water Quality Data						TP #2	
			SpCond	Salinity	DO Conc		Turbidity+	Depthn	
Sample #	Date & Time	Temp C	mS/cm	ppt	mg/L	pH	NTU	meters	DO%
1274	3/12/2009 20:16	11.57	41.68	26.67	9.95	8.03	2.4	1.053	108.2
1275	3/12/2009 20:31	11.57	41.525	26.56	9.87	8.03	2.5	1.152	107.2
1276	3/12/2009 20:46	11.55	41.587	26.61	9.77	8.02	2.2	1.259	106.1
1277	3/12/2009 21:01	11.45	42.152	27	9.83	8.02	2.1	1.358	106.8
1278	3/12/2009 21:16	11.32	42.592	27.31	9.69	8	2.1	1.467	105.2
1279	3/12/2009 21:31	11.17	43.056	27.63	9.52	7.99	2.1	1.557	103.2
1280	3/12/2009 21:46	11	43.685	28.07	9.39	7.98	2.3	1.657	101.8
1281	3/12/2009 22:01	10.98	43.843	28.18	9.38	7.97	2.4	1.748	101.7
1282	3/12/2009 22:16	10.96	44.211	28.44	9.37	7.97	2.4	1.844	101.6
1283	3/12/2009 22:31	10.86	44.367	28.55	9.31	7.97	2.6	1.943	100.8
1284	3/12/2009 22:46	10.75	44.57	28.69	9.21	7.96	2.8	2.046	99.6
1285	3/12/2009 23:01	10.67	44.958	28.96	9.17	7.96	2.8	2.152	99.1
1286	3/12/2009 23:16	10.59	45.226	29.15	9.12	7.95	2.8	2.25	98.6
1287	3/12/2009 23:31	10.48	45.958	29.66	8.97	7.94	2.9	2.358	97.1
1288	3/12/2009 23:46	10.35	46.589	30.11	8.86	7.96	2.7	2.454	95.9
1289	3/13/2009 0:01	10.24	46.865	30.3	8.74	7.92	2.6	2.541	94.5
1290	3/13/2009 0:16	10.19	46.787	30.24	8.66	7.92	2.7	2.638	93.5
1291	3/13/2009 0:31	10.17	47.228	30.56	8.62	7.92	2.5	2.698	93.2
1292	3/13/2009 0:46	10.17	47.313	30.62	8.56	7.92	2.1	2.751	92.6
1293	3/13/2009 1:01	10.16	47.588	30.81	8.47	7.94	1.8	2.795	91.7
1294	3/13/2009 1:16	10.16	47.38	30.66	8.39	7.9	1.6	2.805	90.7
1295	3/13/2009 1:31	10.16	47.423	30.69	8.32	7.91	1.8	2.791	90
1296	3/13/2009 1:46	10.17	47.298	30.61	8.29	7.91	1.3	2.735	89.6
1297	3/13/2009 2:01	10.19	47.336	30.63	8.28	7.93	1.5	2.672	89.6
1298	3/13/2009 2:16	10.23	46.924	30.34	8.24	7.92	1.8	2.574	89.1
1299	3/13/2009 2:31	10.28	46.427	29.99	8.37	7.93	1.8	2.458	90.4
1300	3/13/2009 2:46	10.31	45.945	29.65	8.49	7.94	1.8	2.35	91.6
1301	3/13/2009 3:01	10.34	45.336	29.21	8.62	7.95	2	2.232	92.8
1302	3/13/2009 3:16	10.37	44.888	28.89	8.71	7.95	1.8	2.106	93.5
1303	3/13/2009 3:31	10.4	44.531	28.64	8.76	7.96	1.6	1.976	94
1304	3/13/2009 3:46	10.44	44.334	28.5	8.81	7.99	1.8	1.859	94.6
1305	3/13/2009 4:01	10.47	44.064	28.31	8.85	7.97	1.6	1.723	95
1306	3/13/2009 4:16	10.51	43.261	27.75	8.96	7.98	1.5	1.586	95.8
1307	3/13/2009 4:31	10.54	42.735	27.37	9.06	7.99	1.5	1.465	96.8
1308	3/13/2009 4:46	10.57	42.089	26.92	9.15	7.99	1.6	1.328	97.5
1309	3/13/2009 5:01	10.6	41.819	26.73	9.13	7.98	1.6	1.19	97.2
1310	3/13/2009 5:16	10.64	41.677	26.63	9.06	7.98	1.6	1.06	96.5
1311	3/13/2009 5:31	10.68	41.488	26.5	8.9	7.97	1.6	0.921	94.8
1312	3/13/2009 5:46	10.71	41.54	26.54	8.46	7.94	1.5	0.79	90.2
1313	3/13/2009 6:01	10.74	41.19	26.29	7.81	7.9	1.6	0.662	83.2
1314	3/13/2009 6:16	10.76	40.753	25.99	7.5	7.88	2.3	0.562	79.7
1315	3/13/2009 6:31	10.78	39.657	25.22	7.65	7.88	3.5	0.464	81
1316	3/13/2009 6:46	10.78	39.303	24.97	7.92	7.88	4.3	0.401	83.7
1317	3/13/2009 7:01	10.78	39.295	24.96	8.16	7.88	4.3	0.362	86.2
1318	3/13/2009 7:16	10.79	39.457	25.08	8.17	7.88	4.3	0.368	86.4
1319	3/13/2009 7:31	10.8	39.305	24.97	8.07	7.87	4.2	0.392	85.3
1320	3/13/2009 7:46	10.82	39.349	25	7.66	7.86	3.5	0.44	81
1321	3/13/2009 8:01	10.84	40.046	25.49	6.22	7.79	0.9	0.52	66
1322	3/13/2009 8:16	10.9	41.856	26.77	7.7	7.87	1.8	0.604	82.6

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	DO%
1323	3/13/2009 8:31	10.89	42.038	26.9	9.25	7.97	2.4	0.695	99.3
1324	3/13/2009 8:46	10.87	41.879	26.78	9.09	7.97	2.5	0.783	97.4
1325	3/13/2009 9:01	10.87	42.127	26.96	9.16	7.97	2.7	0.874	98.2
1326	3/13/2009 9:16	10.87	42.126	26.96	9.08	7.97	2	0.969	97.5
1327	3/13/2009 9:31	10.89	42.22	27.03	9.08	7.97	1.8	1.064	97.4
1328	3/13/2009 9:46	10.87	42.512	27.23	9.16	7.97	2	1.165	98.4
1329	3/13/2009 10:01	10.85	42.421	27.17	9.09	7.96	1.9	1.262	97.6
1330	3/13/2009 10:16	10.82	42.987	27.57	9.07	7.96	2.3	1.359	97.6
1331	3/13/2009 10:31	10.8	43.218	27.73	9.1	7.96	2.6	1.45	97.9
1332	3/13/2009 10:46	10.81	43.253	27.75	9.11	7.96	2.1	1.544	98
1333	3/13/2009 11:01	10.82	43.687	28.06	9.06	7.96	2	1.636	97.8
1334	3/13/2009 11:16	10.8	43.951	28.25	9.11	7.97	2.2	1.721	98.4
1335	3/13/2009 11:31	10.75	44.463	28.61	9.01	7.98	2.1	1.81	97.5
1336	3/13/2009 11:46	10.71	44.647	28.74	8.99	7.95	2.3	1.896	97.2
1337	3/13/2009 12:01	10.67	44.712	28.79	9	7.94	2.1	1.978	97.3
1338	3/13/2009 12:16	10.63	44.83	28.87	9.01	7.95	2.4	2.059	97.3
1339	3/13/2009 12:31	10.6	45.026	29.01	8.94	7.94	2.3	2.137	96.6
1340	3/13/2009 12:46	10.55	45.364	29.24	8.86	7.93	2.1	2.211	95.7
Mean		10.71	41.10	26.23	8.23	7.88	2.62	1.65	87.55
Minimum		9.45	37.36	23.65	4.51	7.57	0.70	0.11	48.00
Maximum		11.82	47.59	30.81	9.98	8.03	7.70	2.91	108.50
Standard Dev.		0.49	2.37	1.66	0.70	0.08	1.00	0.69	7.66

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

sonde #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	Depthn meters	DO%
0	3/13/2009 14:31	10.52	46.998	30.41		8.04		2.358	
1	3/13/2009 14:46	10.52	46.995	30.41		7.97		2.397	
2	3/13/2009 15:01	10.51	47.095	30.48		7.96		2.386	
3	3/13/2009 15:16	10.52	47.125	30.5		7.96		2.351	
4	3/13/2009 15:31	10.59	46.943	30.38		7.95	7.3	2.307	
5	3/13/2009 15:46	10.76	46.756	30.25		7.94	6.2	2.235	
6	3/13/2009 16:01	10.86	45.75	29.54		7.96	6.4	2.149	
7	3/13/2009 16:16	10.83	45.467	29.33		7.96	6.2	2.047	
8	3/13/2009 16:31	10.85	45.523	29.37		7.95	5.3	1.945	
9	3/13/2009 16:46	10.89	45.403	29.29		7.97	4.8	1.847	
10	3/13/2009 17:01	10.9	45.089	29.07		7.97	4.5	1.751	
11	3/13/2009 17:16	10.92	45.034	29.03		7.97	3.8	1.649	
12	3/13/2009 17:31	10.95	44.762	28.83		7.97	4.2	1.542	
13	3/13/2009 17:46	11.01	44.603	28.72		7.97	3.6	1.439	
14	3/13/2009 18:01	11.08	44.312	28.52		7.97	3.4	1.35	
15	3/13/2009 18:16	11.14	44.087	28.36		7.97	3.3	1.24	
16	3/13/2009 18:31	11.19	43.932	28.25		7.97	3	1.15	
17	3/13/2009 18:46	11.23	43.682	28.08		7.96	3.1	1.061	
18	3/13/2009 19:01	11.28	43.605	28.02		7.95	3.2	0.981	
19	3/13/2009 19:16	11.32	43.503	27.95		7.95	3.5	0.917	
20	3/13/2009 19:31	11.37	43.445	27.92		7.95	3.7	0.856	
21	3/13/2009 19:46	11.4	43.362	27.86		7.95	3.8	0.834	
22	3/13/2009 20:01	11.44	43.421	27.9		7.95	3.6	0.804	
23	3/13/2009 20:16	11.47	43.287	27.81		7.94	3.6	0.803	
24	3/13/2009 20:31	11.48	43.416	27.9		7.95	3.6	0.825	
25	3/13/2009 20:46	11.51	43.405	27.89		7.92	1.2	0.885	
26	3/13/2009 21:01	11.56	43.579	28.02		7.86	0.2	0.935	
27	3/13/2009 21:16	11.6	43.859	28.22		8.01	0.8	1.007	
28	3/13/2009 21:31	11.58	44.057	28.36		8.09	1.6	1.109	
29	3/13/2009 21:46	11.59	43.967	28.3		8.09	1.6	1.2	
30	3/13/2009 22:01	11.59	44.025	28.34		8.09	1.3	1.284	
31	3/13/2009 22:16	11.54	44.057	28.36		8.08	1.5	1.38	
32	3/13/2009 22:31	11.47	44.379	28.58		8.08	1.2	1.473	
33	3/13/2009 22:46	11.38	44.674	28.79		8.07	1.2	1.558	
34	3/13/2009 23:01	11.22	45.315	29.24		8.05	1.1	1.643	
35	3/13/2009 23:16	11.13	45.756	29.55		8.04	1.2	1.724	
36	3/13/2009 23:31	11.06	46.056	29.76		8.04	1	1.813	
37	3/13/2009 23:46	11	46.221	29.88		8.03	1.1	1.903	
38	3/14/2009 0:01	10.9	46.489	30.07		8.02	1.2	1.986	
39	3/14/2009 0:16	10.79	46.883	30.34		8.02	1.5	2.084	
40	3/14/2009 0:31	10.7	47.033	30.45		8.02	1.5	2.181	
41	3/14/2009 0:46	10.63	47.281	30.62		8	1.6	2.276	
42	3/14/2009 1:01	10.54	47.675	30.9		8.01	1.6	2.365	
43	3/14/2009 1:16	10.4	48.187	31.26		8	1.4	2.466	
44	3/14/2009 1:31	10.3	48.48	31.46		7.99	1.4	2.552	
45	3/14/2009 1:46	10.23	48.79	31.68		7.98	1.1	2.62	
46	3/14/2009 2:01	10.18	48.968	31.81		7.98	1	2.688	
47	3/14/2009 2:16	10.16	48.838	31.71		7.97	0.8	2.741	

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	Depthn meters	DO%
48	3/14/2009 2:31	10.15	48.969	31.81		7.97	0.7	2.763	
49	3/14/2009 2:46	10.15	49.006	31.83		7.97	0.7	2.774	
50	3/14/2009 3:01	10.16	49.025	31.85		7.97	0.6	2.761	
51	3/14/2009 3:16	10.17	49.012	31.84		7.97	0.5	2.714	
52	3/14/2009 3:31	10.18	48.896	31.76		7.97	0.4	2.651	
53	3/14/2009 3:46	10.21	48.57	31.52		7.97	0.9	2.543	
54	3/14/2009 4:01	10.26	48.054	31.15		7.97	0.8	2.449	
55	3/14/2009 4:16	10.31	47.642	30.86		7.98	1	2.346	
56	3/14/2009 4:31	10.35	47.209	30.55		7.98	1.1	2.226	
57	3/14/2009 4:46	10.38	47.018	30.42		7.99	0.9	2.117	
58	3/14/2009 5:01	10.41	46.696	30.19		8	0.8	1.982	
59	3/14/2009 5:16	10.45	46.334	29.93		8	0.7	1.879	
60	3/14/2009 5:31	10.49	45.933	29.65		8	0.8	1.758	
61	3/14/2009 5:46	10.54	45.339	29.22		8	0.7	1.633	
62	3/14/2009 6:01	10.59	44.729	28.79		8.01	0.7	1.507	
63	3/14/2009 6:16	10.64	44.316	28.5		8.02	0.9	1.372	
64	3/14/2009 6:31	10.68	44.156	28.39		8.02	0.9	1.261	
65	3/14/2009 6:46	10.72	44.001	28.28		8.02	1.1	1.134	
66	3/14/2009 7:01	10.77	43.825	28.16		7.99	1	0.989	
67	3/14/2009 7:16	10.81	43.621	28.02		7.92	1.3	0.868	
68	3/14/2009 7:31	10.86	43.336	27.82		7.91	2.6	0.746	
69	3/14/2009 7:46	10.9	43.239	27.75		7.91	3.4	0.628	
70	3/14/2009 8:01	10.92	43.038	27.61		7.92	3.3	0.535	
71	3/14/2009 8:16	10.92	42.96	27.55		7.93	3.5	0.453	
72	3/14/2009 8:31	10.95	42.91	27.52		7.93	3.5	0.403	
73	3/14/2009 8:46	10.98	43.014	27.59		7.93	3.4	0.374	
74	3/14/2009 9:01	11	42.923	27.53		7.93	3.4	0.367	
75	3/14/2009 9:16	11.01	42.912	27.52		7.92	3.4	0.4	
76	3/14/2009 9:31	11.03	42.921	27.53		7.92	2.1	0.455	
77	3/14/2009 9:46	11.1	43.166	27.71		7.85	0.6	0.52	
78	3/14/2009 10:01	11.16	43.695	28.08		7.91	0.7	0.591	
79	3/14/2009 10:16	11.17	43.996	28.3		8.03	1.6	0.686	
80	3/14/2009 10:31	11.16	43.788	28.15		8.02	1.5	0.765	
81	3/14/2009 10:46	11.16	43.885	28.22		8.02	1.6	0.853	
82	3/14/2009 11:01	11.16	43.806	28.16		8.02	1.2	0.937	
83	3/14/2009 11:16	11.15	43.912	28.24		8.03	1.4	1.027	
84	3/14/2009 11:31	11.15	44.013	28.31		8.02	1	1.109	
85	3/14/2009 11:46	11.11	44.302	28.51		8.02	1	1.204	
86	3/14/2009 12:01	11.09	44.422	28.6		8.02	1	1.288	
87	3/14/2009 12:16	11.05	44.714	28.8		8.01	0.9	1.372	
88	3/14/2009 12:31	11.03	45.122	29.09		8.01	1.2	1.46	
89	3/14/2009 12:46	11.04	45.304	29.23		8.02	1.2	1.539	
90	3/14/2009 13:01	11.02	45.553	29.4		8.01	1	1.623	
91	3/14/2009 13:16	10.98	45.984	29.71		8.02	1	1.701	
92	3/14/2009 13:31	10.93	46.25	29.9		8.01	1.1	1.781	
93	3/14/2009 13:46	10.88	46.328	29.95		8.01	1.1	1.854	
94	3/14/2009 14:01	10.82	46.637	30.17		8	1.1	1.929	
95	3/14/2009 14:16	10.78	46.752	30.25		8	0.9	1.995	

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	Depthn meters	DO%
96	3/14/2009 14:31	10.73	46.927	30.37		7.99	0.9	2.068	
97	3/14/2009 14:46	10.66	47.123	30.51		7.99	0.7	2.126	
98	3/14/2009 15:01	10.58	47.362	30.68		7.98	0.5	2.175	
99	3/14/2009 15:16	10.49	47.688	30.9		7.97	0.4	2.22	
100	3/14/2009 15:31	10.43	47.896	31.05		7.96	0.3	2.255	
101	3/14/2009 15:46	10.43	47.774	30.96		7.96	0.4	2.252	
102	3/14/2009 16:01	10.44	47.968	31.1		7.96	0.3	2.234	
103	3/14/2009 16:16	10.45	47.667	30.89		7.96	0.2	2.204	
104	3/14/2009 16:31	10.46	47.331	30.65		7.96	0.1	2.153	
105	3/14/2009 16:46	10.46	47.006	30.41		7.96	0.5	2.079	
106	3/14/2009 17:01	10.62	46.713	30.21		7.97	0.8	1.985	
107	3/14/2009 17:16	10.72	46.461	30.04		7.97	0.7	1.9	
108	3/14/2009 17:31	10.79	46.278	29.91		7.97	0.8	1.812	
109	3/14/2009 17:46	10.84	46.148	29.82		7.97	0.8	1.738	
110	3/14/2009 18:01	10.9	45.797	29.57		7.98	0.9	1.639	
111	3/14/2009 18:16	10.92	45.418	29.3		7.97	1	1.569	
112	3/14/2009 18:31	10.95	45.293	29.21		7.97	0.9	1.488	
113	3/14/2009 18:46	10.97	45.025	29.02		7.97	0.9	1.407	
114	3/14/2009 19:01	11	44.775	28.85		7.97	0.9	1.329	
115	3/14/2009 19:16	11.03	44.545	28.68		7.97	0.8	1.264	
116	3/14/2009 19:31	11.06	44.472	28.63		7.97	0.7	1.196	
117	3/14/2009 19:46	11.09	44.307	28.52		7.97	0.7	1.143	
118	3/14/2009 20:01	11.13	44.195	28.44		7.97	0.8	1.097	
119	3/14/2009 20:16	11.16	44.105	28.38		7.97	0.9	1.064	
120	3/14/2009 20:31	11.19	44.111	28.38		7.97	0.9	1.047	
121	3/14/2009 20:46	11.21	43.993	28.3		7.97	0.9	1.043	
122	3/14/2009 21:01	11.21	44.15	28.41		7.96	0.9	1.064	
123	3/14/2009 21:16	11.22	44.09	28.37		7.96	0.8	1.087	
124	3/14/2009 21:31	11.25	44.257	28.49		7.92	0.1	1.141	
125	3/14/2009 21:46	11.26	44.303	28.52		7.91	0.1	1.198	
126	3/14/2009 22:01	11.23	44.635	28.76		8.02	0.4	1.269	
127	3/14/2009 22:16	11.2	44.765	28.85		8.03	0.9	1.336	
128	3/14/2009 22:31	11.2	44.808	28.88		8.03	0.8	1.411	
129	3/14/2009 22:46	11.17	44.997	29.01		8.03	0.5	1.497	
130	3/14/2009 23:01	11.13	45.248	29.19		8.02	0.7	1.559	
131	3/14/2009 23:16	11.09	45.404	29.3		8.02	0.6	1.635	
132	3/14/2009 23:31	11	45.941	29.68		8.01	0.5	1.715	
133	3/14/2009 23:46	10.91	46.094	29.78		8	0.6	1.796	
134	3/15/2009 0:01	10.85	46.432	30.02		8	0.6	1.87	
135	3/15/2009 0:16	10.78	46.711	30.22		8	0.5	1.953	
136	3/15/2009 0:31	10.71	46.858	30.32		7.99	0.7	2.035	
137	3/15/2009 0:46	10.63	47.207	30.57		7.98	0.7	2.117	
138	3/15/2009 1:01	10.53	47.548	30.81		7.98	0.9	2.206	
139	3/15/2009 1:16	10.46	47.761	30.96		7.98	0.9	2.292	
140	3/15/2009 1:31	10.38	47.984	31.11		7.98	0.9	2.374	
141	3/15/2009 1:46	10.28	48.321	31.35		7.97	0.7	2.453	
142	3/15/2009 2:01	10.21	48.509	31.48		7.97	0.6	2.518	
143	3/15/2009 2:16	10.14	48.75	31.65		7.96	0.5	2.584	

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	Depthn meters	DO%
144	3/15/2009 2:31	10.09	48.889	31.74		7.95	0.5	2.637	
145	3/15/2009 2:46	10.08	48.827	31.7		7.94	0.3	2.669	
146	3/15/2009 3:01	10.05	48.957	31.79		7.94	0.2	2.704	
147	3/15/2009 3:16	10.05	49.024	31.84		7.94	0.2	2.698	
148	3/15/2009 3:31	10.05	48.982	31.81		7.95	0.2	2.686	
149	3/15/2009 3:46	10.06	48.914	31.76		7.94	0.2	2.651	
150	3/15/2009 4:01	10.08	48.755	31.65		7.94	0.1	2.581	
151	3/15/2009 4:16	10.14	48.541	31.5		7.94	0.4	2.518	
152	3/15/2009 4:31	10.19	48.267	31.3		7.95	0.4	2.429	
153	3/15/2009 4:46	10.24	47.936	31.07		7.95	0.6	2.331	
154	3/15/2009 5:01	10.27	47.73	30.92		7.96	0.8	2.238	
155	3/15/2009 5:16	10.32	47.36	30.66		7.96	0.8	2.129	
156	3/15/2009 5:31	10.35	46.849	30.29		7.97	0.6	2.017	
157	3/15/2009 5:46	10.38	46.517	30.06		7.97	0.5	1.913	
158	3/15/2009 6:01	10.41	46.295	29.9		7.97	0.5	1.799	
159	3/15/2009 6:16	10.44	45.889	29.61		7.98	0.5	1.683	
160	3/15/2009 6:31	10.48	45.457	29.31		7.98	0.5	1.566	
161	3/15/2009 6:46	10.51	45	28.98		7.98	0.5	1.463	
162	3/15/2009 7:01	10.55	44.863	28.89		7.98	0.5	1.342	
163	3/15/2009 7:16	10.58	44.503	28.63		7.96	0.4	1.214	
164	3/15/2009 7:31	10.61	44.255	28.46		7.93	0.5	1.109	
165	3/15/2009 7:46	10.64	44.086	28.34		7.94	1	0.992	
166	3/15/2009 8:01	10.68	43.933	28.23		7.94	1.2	0.871	
167	3/15/2009 8:16	10.71	43.896	28.21		7.95	1.2	0.752	
168	3/15/2009 8:31	10.75	43.853	28.18		7.94	1.2	0.66	
169	3/15/2009 8:46	10.77	43.787	28.13		7.93	1.3	0.599	
170	3/15/2009 9:01	10.82	43.539	27.96		7.92	1.8	0.507	
171	3/15/2009 9:16	10.84	43.244	27.75		7.9	2.3	0.454	
172	3/15/2009 9:31	10.86	43.255	27.76		7.89	2	0.452	
173	3/15/2009 9:46	10.87	43.283	27.78		7.9	2	0.432	
174	3/15/2009 10:01	10.88	43.283	27.78		7.9	1.9	0.458	
175	3/15/2009 10:16	10.89	43.442	27.89		7.89	1.3	0.492	
176	3/15/2009 10:31	10.92	43.476	27.92		7.83	0.1	0.562	
177	3/15/2009 10:46	10.98	44.281	28.49		7.88	0.5	0.636	
178	3/15/2009 11:01	11	44.395	28.57		7.99	1.3	0.702	
179	3/15/2009 11:16	11	44.282	28.49		7.98	1.5	0.789	
180	3/15/2009 11:31	11	44.147	28.4		7.97	1	0.861	
181	3/15/2009 11:46	10.98	44.057	28.33		7.97	1.1	0.954	
182	3/15/2009 12:01	10.97	44.249	28.47		7.99	0.7	1.038	
183	3/15/2009 12:16	10.95	44.395	28.57		7.99	0.7	1.11	
184	3/15/2009 12:31	10.93	44.478	28.63		7.98	0.5	1.188	
185	3/15/2009 12:46	10.91	44.795	28.86		7.98	0.5	1.274	
186	3/15/2009 13:01	10.9	45.03	29.02		7.98	0.7	1.365	
187	3/15/2009 13:16	10.9	45.024	29.02		7.98	0.7	1.419	
188	3/15/2009 13:31	10.89	45.38	29.27		7.97	0.5	1.49	
189	3/15/2009 13:46	10.86	45.793	29.57		7.99	1.2	1.583	
190	3/15/2009 14:01	10.85	45.688	29.49		7.99	1	1.642	
191	3/15/2009 14:16	10.82	46.031	29.73		7.99	0.7	1.706	

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	Depthn meters	DO%
192	3/15/2009 14:31	10.78	46.29	29.92		7.99	0.6	1.772	
193	3/15/2009 14:46	10.75	46.466	30.04		7.98	0.5	1.834	
194	3/15/2009 15:01	10.72	46.468	30.04		7.98	0.5	1.9	
195	3/15/2009 15:16	10.69	46.66	30.18		7.98	0.5	1.946	
196	3/15/2009 15:31	10.67	46.647	30.17		7.97	0.4	2	
197	3/15/2009 15:46	10.64	46.743	30.23		7.96	0.3	2.059	
198	3/15/2009 16:01	10.63	46.814	30.29		7.96	0.2	2.086	
199	3/15/2009 16:16	10.61	46.895	30.34		7.95	0.1	2.109	
200	3/15/2009 16:31	10.6	46.935	30.37		7.94	0.1	2.127	
201	3/15/2009 16:46	10.59	46.938	30.37		7.94	0.1	2.121	
202	3/15/2009 17:01	10.59	46.94	30.37		7.94	0.1	2.098	
203	3/15/2009 17:16	10.61	46.671	30.18		7.93	0.1	2.069	
204	3/15/2009 17:31	10.65	46.737	30.23		7.93	0.1	2.002	
205	3/15/2009 17:46	10.68	46.635	30.16		7.93	0.4	1.954	
206	3/15/2009 18:01	10.71	46.553	30.1		7.93	0.4	1.896	
207	3/15/2009 18:16	10.73	46.41	30		7.94	0.4	1.819	
208	3/15/2009 18:31	10.75	46.203	29.85		7.94	0.5	1.757	
209	3/15/2009 18:46	10.77	46.037	29.74		7.95	0.6	1.713	
210	3/15/2009 19:01	10.8	45.842	29.6		7.95	0.6	1.642	
211	3/15/2009 19:16	10.83	45.504	29.36		7.93	0.6	1.582	
212	3/15/2009 19:31	10.85	45.53	29.38		7.94	0.5	1.537	
213	3/15/2009 19:46	10.88	45.375	29.27		8.21	0.5	1.48	
214	3/15/2009 20:01	10.9	45.146	29.11		7.93	0.5	1.432	
215	3/15/2009 20:16	10.92	45.122	29.09		7.93	0.5	1.398	
216	3/15/2009 20:31	10.94	44.989	29		7.93	0.4	1.345	
217	3/15/2009 20:46	10.96	44.939	28.96		7.93	0.4	1.317	
218	3/15/2009 21:01	10.98	44.85	28.9		7.93	0.4	1.3	
219	3/15/2009 21:16	11	44.759	28.83		7.93	0.2	1.301	
220	3/15/2009 21:31	11.02	44.778	28.85		7.93	0.2	1.286	
221	3/15/2009 21:46	11.05	44.59	28.72		7.94	0.5	1.291	
222	3/15/2009 22:01	11.08	44.476	28.64		7.94	0.5	1.345	
223	3/15/2009 22:16	11.08	44.526	28.67		7.94	0.3	1.378	
224	3/15/2009 22:31	11.07	44.47	28.63		7.93	0.2	1.411	
225	3/15/2009 22:46	11.04	44.405	28.58		7.94	0.5	1.468	
226	3/15/2009 23:01	11.03	44.454	28.62		7.96	0.8	1.531	
227	3/15/2009 23:16	11.03	44.412	28.59		7.96	0.7	1.587	
228	3/15/2009 23:31	11.01	44.513	28.66		7.96	0.5	1.656	
229	3/15/2009 23:46	10.92	45.273	29.2		7.98	0.5	1.736	
230	3/16/2009 0:01	10.87	45.54	29.39		7.98	0.7	1.793	
231	3/16/2009 0:16	10.8	45.441	29.31		7.98	1	1.857	
232	3/16/2009 0:31	10.78	45.595	29.42		7.98	0.7	1.94	
233	3/16/2009 0:46	10.74	45.526	29.37		7.98	0.7	2.006	
234	3/16/2009 1:01	10.7	45.833	29.59		7.97	0.7	2.069	
235	3/16/2009 1:16	10.63	46.157	29.81		7.97	0.7	2.146	
236	3/16/2009 1:31	10.58	46.449	30.02		7.97	0.6	2.209	
237	3/16/2009 1:46	10.54	46.749	30.23		7.96	0.6	2.279	
238	3/16/2009 2:01	10.48	47.085	30.47		7.96	0.5	2.357	
239	3/16/2009 2:16	10.44	47.218	30.56		7.95	0.4	2.427	

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	Depthn meters	DO%
240	3/16/2009 2:31	10.4	47.471	30.74		7.95	0.5	2.494	
241	3/16/2009 2:46	10.38	47.577	30.82		7.95	0.4	2.529	
242	3/16/2009 3:01	10.36	47.665	30.88		7.94	0.2	2.57	
243	3/16/2009 3:16	10.33	47.664	30.88		7.93	0.1	2.602	
244	3/16/2009 3:31	10.31	47.702	30.9		7.93	0.1	2.615	
245	3/16/2009 3:46	10.3	47.773	30.96		7.92	0	2.626	
246	3/16/2009 4:01	10.29	47.734	30.93		7.91	0	2.63	
247	3/16/2009 4:16	10.29	47.7	30.9		7.91	0	2.584	
248	3/16/2009 4:31	10.28	47.555	30.8		7.91	0	2.56	
249	3/16/2009 4:46	10.31	47.593	30.83		7.91	0.1	2.514	
250	3/16/2009 5:01	10.35	47.379	30.67		7.91	0.2	2.442	
251	3/16/2009 5:16	10.4	47.072	30.46		7.92	0.4	2.371	
252	3/16/2009 5:31	10.43	46.785	30.25		7.93	0.4	2.304	
253	3/16/2009 5:46	10.47	46.406	29.98		7.94	0.5	2.204	
254	3/16/2009 6:01	10.51	46.011	29.7		7.94	0.5	2.114	
255	3/16/2009 6:16	10.57	45.755	29.52		7.94	0.7	2.023	
256	3/16/2009 6:31	10.62	45.568	29.39		7.94	0.5	1.94	
257	3/16/2009 6:46	10.65	45.377	29.26		7.94	0.5	1.842	
258	3/16/2009 7:01	10.67	45.094	29.06		7.93	0.5	1.735	
259	3/16/2009 7:16	10.69	44.729	28.8		7.93	0.5	1.631	
260	3/16/2009 7:31	10.72	44.569	28.69		7.92	0.5	1.528	
261	3/16/2009 7:46	10.77	44.417	28.58		7.92	0.5	1.439	
262	3/16/2009 8:01	10.81	44.537	28.67		7.92	0.6	1.335	
263	3/16/2009 8:16	10.84	44.456	28.61		7.92	0.6	1.228	
264	3/16/2009 8:31	10.86	44.327	28.52		7.92	0.8	1.135	
265	3/16/2009 8:46	10.88	44.286	28.49		7.91	1.3	1.047	
266	3/16/2009 9:01	10.91	44.198	28.43		7.91	0.9	0.924	
267	3/16/2009 9:16	10.94	44.049	28.33		7.9	0.9	0.828	
268	3/16/2009 9:31	10.97	43.842	28.18		7.89	0.9	0.76	
269	3/16/2009 9:46	11.01	43.843	28.18		7.88	1	0.706	
270	3/16/2009 10:01	11.04	43.55	27.98		7.86	1.5	0.646	
271	3/16/2009 10:16	11.07	43.564	27.99		7.86	1.3	0.609	
272	3/16/2009 10:31	11.1	43.367	27.85		7.85	1.6	0.594	
273	3/16/2009 10:46	11.12	43.396	27.87		7.85	1.5	0.596	
274	3/16/2009 11:01	11.17	43.573	28		7.86	0.7	0.65	
275	3/16/2009 11:16	11.18	43.689	28.08		7.87	0.3	0.702	
276	3/16/2009 11:31	11.15	42.804	27.45		7.9	2	0.731	
277	3/16/2009 11:46	11.14	42.656	27.35		7.89	1.6	0.793	
278	3/16/2009 12:01	11.13	42.8	27.45		7.89	1.2	0.864	
279	3/16/2009 12:16	11.12	42.751	27.41		7.89	0.8	0.944	
280	3/16/2009 12:31	11.11	42.911	27.53		7.9	0.7	1.001	
281	3/16/2009 12:46	11.11	43	27.59		7.9	0.5	1.035	
282	3/16/2009 13:01	11.1	43.217	27.74		7.92	0.7	1.128	
283	3/16/2009 13:16	11.09	43.404	27.87		7.95	0.7	1.178	
284	3/16/2009 13:31	11.07	43.278	27.78		7.95	0.7	1.252	
285	3/16/2009 13:46	11.07	43.306	27.8		7.94	0.8	1.321	
286	3/16/2009 14:01	11.06	43.288	27.79		7.93	0.6	1.388	
287	3/16/2009 14:16	11.04	43.109	27.66		7.93	1.4	1.448	

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	Depthn meters	DO%
288	3/16/2009 14:31	11.04	43.143	27.69		7.93	1	1.501	
289	3/16/2009 14:46	11.03	43.007	27.59		7.92	0.7	1.567	
290	3/16/2009 15:01	11	43.26	27.77		7.92	0.5	1.628	
291	3/16/2009 15:16	10.98	43.626	28.03		7.92	0.5	1.696	
292	3/16/2009 15:31	10.96	43.81	28.16		7.94	0.5	1.749	
293	3/16/2009 15:46	10.96	43.951	28.26		7.93	0.4	1.787	
294	3/16/2009 16:01	10.94	44.208	28.44		7.92	0.5	1.848	
295	3/16/2009 16:16	10.93	44.251	28.47		7.93	0.5	1.885	
296	3/16/2009 16:31	10.91	44.373	28.55		7.92	0.4	1.935	
297	3/16/2009 16:46	10.9	44.439	28.6		7.91	0.2	1.945	
298	3/16/2009 17:01	10.88	44.522	28.66		7.89	0.1	1.972	
299	3/16/2009 17:16	10.86	44.705	28.79		7.88	0	1.992	
300	3/16/2009 17:31	10.86	44.606	28.72		7.89	0.1	1.968	
301	3/16/2009 17:46	10.86	44.65	28.75		7.88	0	1.967	
302	3/16/2009 18:01	10.86	44.375	28.55		7.89	0.1	1.971	
303	3/16/2009 18:16	10.88	44.368	28.55		7.89	0.2	1.927	
304	3/16/2009 18:31	10.91	44.164	28.41		7.88	0.2	1.862	
305	3/16/2009 18:46	10.93	44.054	28.33		7.88	0.2	1.844	
306	3/16/2009 19:01	10.99	43.889	28.21		7.87	0.5	1.781	
307	3/16/2009 19:16	11.07	43.746	28.12		7.89	0.7	1.733	
308	3/16/2009 19:31	11.13	43.575	28		7.89	0.7	1.686	
309	3/16/2009 19:46	11.19	43.328	27.82		7.89	0.7	1.657	
310	3/16/2009 20:01	11.25	43.015	27.61		7.89	0.7	1.597	
311	3/16/2009 20:16	11.29	43.107	27.67		7.9	0.7	1.571	
312	3/16/2009 20:31	11.31	43.16	27.71		7.9	0.7	1.529	
313	3/16/2009 20:46	11.33	43.128	27.69		7.9	0.7	1.494	
314	3/16/2009 21:01	11.34	43.12	27.68		7.9	0.6	1.447	
315	3/16/2009 21:16	11.35	43.009	27.61		7.9	0.5	1.444	
316	3/16/2009 21:31	11.36	42.883	27.52		7.89	0.6	1.447	
317	3/16/2009 21:46	11.37	42.812	27.47		7.9	0.6	1.409	
318	3/16/2009 22:01	11.38	42.725	27.4		7.91	0.7	1.408	
319	3/16/2009 22:16	11.4	42.479	27.23		7.91	0.9	1.454	
320	3/16/2009 22:31	11.4	42.548	27.28		7.91	0.8	1.443	
321	3/16/2009 22:46	11.41	42.446	27.21		7.91	0.7	1.466	
322	3/16/2009 23:01	11.41	42.448	27.21		7.92	0.7	1.521	
323	3/16/2009 23:16	11.41	42.343	27.14		7.9	0.5	1.557	
324	3/16/2009 23:31	11.38	42.488	27.24		7.88	0.4	1.585	
325	3/16/2009 23:46	11.35	42.528	27.26		7.87	0.4	1.645	
326	3/17/2009 0:01	11.31	42.58	27.3		7.86	0.2	1.68	
327	3/17/2009 0:16	11.21	43.241	27.76		7.9	0.1	1.739	
328	3/17/2009 0:31	11.13	43.819	28.17		8.19	0.3	1.799	
329	3/17/2009 0:46	11.09	43.94	28.25		7.93	1	1.849	
330	3/17/2009 1:01	11.09	43.974	28.28		7.95	1	1.902	
331	3/17/2009 1:16	11.1	43.942	28.26		7.95	0.9	1.967	
332	3/17/2009 1:31	11.1	43.993	28.29		7.94	0.8	2.021	
333	3/17/2009 1:46	11.08	44.145	28.4		7.94	0.5	2.082	
334	3/17/2009 2:01	11.01	44.381	28.57		7.93	0.5	2.157	
335	3/17/2009 2:16	10.97	44.644	28.75		7.93	0.5	2.201	

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	Depthn meters	DO%
336	3/17/2009 2:31	10.91	44.666	28.76		7.93	0.4	2.26	
337	3/17/2009 2:46	10.83	45.292	29.21		7.93	0.5	2.325	
338	3/17/2009 3:01	10.8	45.382	29.27		8.18	0.4	2.374	
339	3/17/2009 3:16	10.77	45.366	29.26		7.91	0.2	2.402	
340	3/17/2009 3:31	10.7	45.583	29.41		7.91	0.3	2.445	
341	3/17/2009 3:46	10.63	45.68	29.47		7.9	0.5	2.48	
342	3/17/2009 4:01	10.6	45.89	29.62		7.91	0.3	2.496	
343	3/17/2009 4:16	10.58	45.935	29.65		7.9	0.3	2.513	
344	3/17/2009 4:31	10.57	45.849	29.59		7.9	0.3	2.523	
345	3/17/2009 4:46	10.56	45.905	29.63		7.89	0.3	2.514	
346	3/17/2009 5:01	10.57	45.829	29.58		7.89	0.3	2.482	
347	3/17/2009 5:16	10.61	45.467	29.32		7.88	0.5	2.436	
348	3/17/2009 5:31	10.65	45.209	29.14		7.88	0.6	2.376	
349	3/17/2009 5:46	10.68	45.085	29.05		7.88	0.7	2.325	
350	3/17/2009 6:01	10.7	44.827	28.87		7.89	0.6	2.256	
351	3/17/2009 6:16	10.72	44.678	28.76		7.9	0.6	2.187	
352	3/17/2009 6:31	10.74	44.117	28.36		7.91	0.5	2.092	
353	3/17/2009 6:46	10.76	44.059	28.32		7.91	0.7	2.019	
354	3/17/2009 7:01	10.75	44.026	28.3		7.91	0.5	1.952	
355	3/17/2009 7:16	10.76	43.851	28.18		7.91	0.5	1.854	
356	3/17/2009 7:31	10.77	43.508	27.93		7.89	0.4	1.773	
357	3/17/2009 7:46	10.78	42.858	27.47		7.87	0.7	1.697	
358	3/17/2009 8:01	10.79	42.523	27.24		7.87	0.9	1.588	
359	3/17/2009 8:16	10.81	42.779	27.42		7.87	0.9	1.496	
360	3/17/2009 8:31	10.84	42.781	27.42		7.87	0.9	1.396	
361	3/17/2009 8:46	10.87	42.743	27.4		7.87	0.7	1.299	
362	3/17/2009 9:01	10.91	42.769	27.42		7.86	0.7	1.219	
363	3/17/2009 9:16	10.94	42.617	27.31		7.86	0.7	1.118	
364	3/17/2009 9:31	10.98	42.748	27.4		7.86	0.9	1.03	
365	3/17/2009 9:46	11.02	42.705	27.38		7.86	0.9	0.944	
366	3/17/2009 10:01	11.07	42.688	27.37		7.86	1	0.862	
367	3/17/2009 10:16	11.11	42.746	27.41		7.86	1	0.804	
368	3/17/2009 10:31	11.15	42.718	27.39		7.85	0.9	0.75	
369	3/17/2009 10:46	11.2	42.686	27.37		7.85	0.9	0.706	
370	3/17/2009 11:01	11.23	42.671	27.36		7.84	1	0.686	
371	3/17/2009 11:16	11.27	42.639	27.34		7.83	0.9	0.693	
372	3/17/2009 11:31	11.35	42.53	27.27		7.84	0.9	0.693	
373	3/17/2009 11:46	11.45	42.583	27.31		7.85	0.6	0.702	
374	3/17/2009 12:01	11.49	42.54	27.28		7.85	0.5	0.714	
375	3/17/2009 12:16	11.5	42.429	27.2		7.84	0.4	0.745	
376	3/17/2009 12:31	11.56	42.398	27.18		7.87	0.5	0.799	
377	3/17/2009 12:46	11.59	42.374	27.17		7.87	0.4	0.855	
378	3/17/2009 13:01	11.59	42.351	27.15		7.86	0.3	0.888	
379	3/17/2009 13:16	11.56	42.232	27.06		7.86	0.2	0.943	
380	3/17/2009 13:31	11.54	42.334	27.13		7.86	0.1	0.984	
381	3/17/2009 13:46	11.5	42.398	27.18		7.85	0	1.047	
382	3/17/2009 14:01	11.43	42.414	27.19		7.87	0.2	1.068	
383	3/17/2009 14:16	11.35	42.35	27.14		7.89	0.4	1.158	

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	Depthn meters	DO%
384	3/17/2009 14:31	11.35	42.277	27.09		7.89	0.2	1.194	
385	3/17/2009 14:46	11.32	42.324	27.12		7.88	0.2	1.269	
386	3/17/2009 15:01	11.29	42.307	27.1		7.87	0.1	1.322	
387	3/17/2009 15:16	11.24	42.228	27.05		7.86	0.2	1.378	
388	3/17/2009 15:31	11.2	42.451	27.2		7.9	0.2	1.458	
389	3/17/2009 15:46	11.17	42.515	27.25		7.89	0.2	1.506	
390	3/17/2009 16:01	11.14	42.518	27.25		7.89	0.4	1.56	
391	3/17/2009 16:16	11.11	42.651	27.34		7.89	0.2	1.615	
392	3/17/2009 16:31	11.09	42.741	27.4		7.89	0.2	1.664	
393	3/17/2009 16:46	11.06	42.797	27.44		7.88	0.2	1.707	
394	3/17/2009 17:01	11.04	42.898	27.51		7.87	0	1.734	
395	3/17/2009 17:16	11	43.109	27.66		7.85	0	1.776	
396	3/17/2009 17:31	10.99	43.329	27.82		7.85	0	1.812	
397	3/17/2009 17:46	10.98	43.407	27.87		7.84	0	1.829	
398	3/17/2009 18:01	10.97	43.45	27.9		7.84	0	1.845	
399	3/17/2009 18:16	10.97	43.479	27.92		7.83	0	1.868	
400	3/17/2009 18:31	10.97	43.546	27.97		7.83	0	1.873	
401	3/17/2009 18:46	10.97	43.515	27.95		7.83	0	1.868	
402	3/17/2009 19:01	10.98	43.408	27.87		7.82	0	1.849	
403	3/17/2009 19:16	10.99	43.53	27.96		7.82	0	1.84	
404	3/17/2009 19:31	10.99	43.469	27.92		7.82	0	1.839	
405	3/17/2009 19:46	11.01	43.274	27.78		7.8	0	1.803	
406	3/17/2009 20:01	11.05	42.988	27.58		7.8	0	1.761	
407	3/17/2009 20:16	11.21	42.808	27.46		7.83	0.3	1.74	
408	3/17/2009 20:31	11.42	42.702	27.39		7.86	0.4	1.702	
409	3/17/2009 20:46	11.55	42.561	27.3		7.85	0.2	1.66	
410	3/17/2009 21:01	11.64	42.544	27.29		7.85	0.4	1.635	
411	3/17/2009 21:16	11.75	42.38	27.18		7.86	0.4	1.628	
412	3/17/2009 21:31	11.85	42.235	27.08		7.86	0.4	1.601	
413	3/17/2009 21:46	11.93	41.947	26.87		7.85	0.3	1.573	
414	3/17/2009 22:01	12.07	41.839	26.8		7.87	0.3	1.572	
415	3/17/2009 22:16	12.09	41.768	26.75		7.86	0.2	1.574	
416	3/17/2009 22:31	12.15	41.829	26.8		7.84	0.2	1.561	
417	3/17/2009 22:46	12.15	41.887	26.84		7.83	0.1	1.557	
418	3/17/2009 23:01	12.12	41.87	26.83		7.81	0.1	1.586	
419	3/17/2009 23:16	12.07	41.979	26.9		7.8	0.1	1.613	
420	3/17/2009 23:31	12.05	41.987	26.91		7.79	0.1	1.611	
421	3/17/2009 23:46	11.99	41.989	26.91		7.78	0	1.635	
422	3/18/2009 0:01	11.96	41.849	26.81		7.79	0.1	1.676	
423	3/18/2009 0:16	11.94	41.814	26.78		7.8	0.1	1.697	
424	3/18/2009 0:31	11.88	41.953	26.88		7.8	0	1.723	
425	3/18/2009 0:46	11.81	41.916	26.85		7.8	0	1.764	
426	3/18/2009 1:01	11.73	41.982	26.89		7.78	0	1.787	
427	3/18/2009 1:16	11.59	42.076	26.95		7.79	0.1	1.835	
428	3/18/2009 1:31	11.45	41.975	26.88		7.77	0	1.878	
429	3/18/2009 1:46	11.3	42.46	27.21		7.79	0	1.917	
430	3/18/2009 2:01	11.06	43.549	27.98		7.81	0	1.974	
431	3/18/2009 2:16	10.96	44.17	28.41		7.85	0.1	2.016	

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	Depthn meters	DO%
432	3/18/2009 2:31	10.91	44.272	28.48		7.86	0	2.07	
433	3/18/2009 2:46	10.87	44.537	28.67		7.86	0	2.128	
434	3/18/2009 3:01	10.85	44.929	28.95		7.86	0.3	2.166	
435	3/18/2009 3:16	10.85	44.97	28.98		7.89	0.3	2.214	
436	3/18/2009 3:31	10.83	45.063	29.04		7.88	0	2.251	
437	3/18/2009 3:46	10.82	45.209	29.15		7.87	0	2.286	
438	3/18/2009 4:01	10.8	45.329	29.23		7.87	0.2	2.34	
439	3/18/2009 4:16	10.82	45.425	29.3		8.14	0.2	2.382	
440	3/18/2009 4:31	10.83	45.263	29.19		7.87	0.2	2.387	
441	3/18/2009 4:46	10.83	45.281	29.2		7.87	0.1	2.404	
442	3/18/2009 5:01	10.83	45.304	29.21		7.87	0.2	2.414	
443	3/18/2009 5:16	10.84	45.363	29.26		7.86	0.1	2.413	
444	3/18/2009 5:31	10.84	45.357	29.25		7.85	0.1	2.392	
445	3/18/2009 5:46	10.84	45.344	29.24		7.86	0.1	2.366	
446	3/18/2009 6:01	10.86	45.312	29.22		7.84	0.1	2.333	
447	3/18/2009 6:16	10.94	44.741	28.82		7.83	0.1	2.284	
448	3/18/2009 6:31	11.03	44.69	28.79		7.84	0.3	2.231	
449	3/18/2009 6:46	11.11	44.128	28.39		7.85	0.4	2.18	
450	3/18/2009 7:01	11.14	43.918	28.24		7.84	0.3	2.12	
451	3/18/2009 7:16	11.15	43.99	28.29		8.09	0.3	2.046	
452	3/18/2009 7:31	11.15	43.489	27.94		7.81	0.4	1.973	
453	3/18/2009 7:46	11.17	42.713	27.39		7.8	0.5	1.915	
454	3/18/2009 8:01	11.17	42.302	27.1		7.82	1.3	1.849	
455	3/18/2009 8:16	11.18	42.154	26.99		7.82	1	1.784	
456	3/18/2009 8:31	11.2	42.221	27.04		7.82	0.7	1.69	
457	3/18/2009 8:46	11.22	42.154	26.99		7.82	0.7	1.622	
458	3/18/2009 9:01	11.25	42.141	26.99		7.82	0.6	1.539	
459	3/18/2009 9:16	11.3	42.111	26.97		7.82	0.5	1.454	
460	3/18/2009 9:31	11.34	42.128	26.98		7.82	0.6	1.361	
461	3/18/2009 9:46	11.39	42.233	27.06		7.82	0.5	1.271	
462	3/18/2009 10:01	11.43	42.175	27.02		7.82	0.5	1.186	
463	3/18/2009 10:16	11.48	42.14	26.99		7.81	0.5	1.096	
464	3/18/2009 10:31	11.56	42.203	27.04		7.81	0.5	1.012	
465	3/18/2009 10:46	11.62	42.168	27.02		7.81	0.5	0.946	
466	3/18/2009 11:01	11.71	42.088	26.97		7.8	0.4	0.883	
467	3/18/2009 11:16	11.8	42.06	26.95		7.81	0.5	0.816	
468	3/18/2009 11:31	11.88	42.107	26.99		7.81	0.5	0.781	
469	3/18/2009 11:46	12.03	42.005	26.92		7.81	1.3	0.735	
470	3/18/2009 12:01	12.07	41.988	26.91		7.81	0.7	0.716	
471	3/18/2009 12:16	12.11	41.977	26.9		7.8	0.5	0.713	
472	3/18/2009 12:31	12.18	41.799	26.78		7.82	0.6	0.71	
473	3/18/2009 12:46	12.21	41.776	26.76		7.81	0.5	0.712	
474	3/18/2009 13:01	12.25	41.813	26.79		7.81	0.5	0.733	
475	3/18/2009 13:16	12.31	41.789	26.78		7.82	0.4	0.773	
476	3/18/2009 13:31	12.37	41.828	26.81		7.83	0.4	0.786	
477	3/18/2009 13:46	12.44	41.723	26.73		7.83	0.3	0.821	
478	3/18/2009 14:01	12.52	41.764	26.77		7.83	0.2	0.867	
479	3/18/2009 14:16	12.5	41.543	26.61		7.83	0.2	0.899	

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	Depthn meters	DO%
480	3/18/2009 14:31	12.46	41.733	26.74		7.82	0.1	0.938	
481	3/18/2009 14:46	12.36	41.772	26.77		7.8	0	0.998	
482	3/18/2009 15:01	12.25	41.824	26.8		7.79	0	1.038	
483	3/18/2009 15:16	12.08	42.02	26.93		7.83	0	1.094	
484	3/18/2009 15:31	11.97	42.189	27.05		7.85	0	1.129	
485	3/18/2009 15:46	11.9	42.172	27.03		7.87	0.2	1.213	
486	3/18/2009 16:01	11.92	42.036	26.94		7.87	0.4	1.26	
487	3/18/2009 16:16	11.9	42.054	26.95		7.86	0.2	1.31	
488	3/18/2009 16:31	11.84	42.135	27.01		7.86	0.2	1.374	
489	3/18/2009 16:46	11.79	42.178	27.03		7.86	0.1	1.422	
490	3/18/2009 17:01	11.72	42.346	27.15		7.88	0.1	1.481	
491	3/18/2009 17:16	11.68	42.378	27.17		7.87	0.2	1.518	
492	3/18/2009 17:31	11.63	42.455	27.22		7.87	0.1	1.576	
493	3/18/2009 17:46	11.6	42.555	27.29		7.87	0.2	1.611	
494	3/18/2009 18:01	11.59	42.478	27.24		7.86	0.2	1.651	
495	3/18/2009 18:16	11.57	42.506	27.26		7.86	0.1	1.689	
496	3/18/2009 18:31	11.55	42.659	27.37		7.86	0	1.724	
497	3/18/2009 18:46	11.52	42.743	27.42		7.84	0.1	1.757	
498	3/18/2009 19:01	11.52	42.824	27.48		7.85	0.2	1.783	
499	3/18/2009 19:16	11.53	42.903	27.54		7.86	0.1	1.795	
500	3/18/2009 19:31	11.52	42.823	27.48		7.85	0	1.828	
501	3/18/2009 19:46	11.51	42.95	27.57		7.84	0	1.835	
502	3/18/2009 20:01	11.5	42.877	27.52		7.83	0	1.835	
503	3/18/2009 20:16	11.49	42.977	27.59		7.83	0	1.848	
504	3/18/2009 20:31	11.49	42.944	27.56		7.83	0	1.838	
505	3/18/2009 20:46	11.47	43.027	27.62		7.83	0	1.832	
506	3/18/2009 21:01	11.47	42.979	27.59		7.83	0	1.813	
507	3/18/2009 21:16	11.47	42.912	27.54		7.82	0	1.787	
508	3/18/2009 21:31	11.48	42.792	27.46		7.8	0	1.783	
509	3/18/2009 21:46	11.56	42.708	27.4		7.78	0	1.745	
510	3/18/2009 22:01	11.63	42.744	27.43		7.79	0	1.719	
511	3/18/2009 22:16	11.69	42.656	27.37		7.8	0	1.697	
512	3/18/2009 22:31	11.83	42.326	27.14		7.81	0.4	1.689	
513	3/18/2009 22:46	11.98	42.311	27.13		7.81	0.4	1.652	
514	3/18/2009 23:01	12.09	42.175	27.04		7.8	0.2	1.629	
515	3/18/2009 23:16	12.2	42.147	27.03		7.8	0.2	1.633	
516	3/18/2009 23:31	12.2	42.19	27.06		7.8	0.2	1.617	
517	3/18/2009 23:46	12.19	42.176	27.05		7.79	0.2	1.608	
518	3/19/2009 0:01	12.18	42.162	27.04		7.77	0.1	1.616	
519	3/19/2009 0:16	12.16	42.215	27.07		7.76	0.1	1.618	
520	3/19/2009 0:31	12.14	42.132	27.01		7.74	0	1.627	
521	3/19/2009 0:46	12.12	42.225	27.08		7.73	0	1.638	
522	3/19/2009 1:01	12.11	42.156	27.03		7.72	0	1.652	
523	3/19/2009 1:16	12.09	42.221	27.07		7.71	0	1.679	
524	3/19/2009 1:31	12.07	42.114	27		7.71	0	1.697	
525	3/19/2009 1:46	12.07	42.232	27.08		7.71	0	1.729	
526	3/19/2009 2:01	12.04	42.153	27.03		7.71	0	1.749	
527	3/19/2009 2:16	11.95	42.212	27.06		7.71	0	1.794	

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	Depthn meters	DO%
528	3/19/2009 2:31	11.86	42.298	27.12		7.7	0	1.823	
529	3/19/2009 2:46	11.74	42.191	27.04		7.67	0	1.857	
530	3/19/2009 3:01	11.61	42.376	27.17		7.7	0	1.9	
531	3/19/2009 3:16	11.45	42.78	27.45		7.71	0	1.939	
532	3/19/2009 3:31	11.25	43.97	28.28		7.82	0	1.984	
533	3/19/2009 3:46	11.17	44.267	28.49		7.85	0	2.026	
534	3/19/2009 4:01	11.1	44.597	28.72		7.87	0	2.068	
535	3/19/2009 4:16	11.08	44.637	28.75		7.9	0.2	2.114	
536	3/19/2009 4:31	11.09	44.737	28.82		7.9	0.2	2.144	
537	3/19/2009 4:46	11.09	44.72	28.81		7.9	0.1	2.183	
538	3/19/2009 5:01	11.07	44.812	28.88		7.85	0	2.223	
539	3/19/2009 5:16	11.05	44.824	28.88		7.83	0	2.252	
540	3/19/2009 5:31	11.03	45.043	29.04		7.83	0	2.268	
541	3/19/2009 5:46	11.01	45.098	29.08		7.83	0	2.283	
542	3/19/2009 6:01	10.99	45.144	29.11		7.82	0	2.299	
543	3/19/2009 6:16	10.99	45.235	29.17		7.82	0	2.291	
544	3/19/2009 6:31	11	45.069	29.06		7.82	0	2.271	
545	3/19/2009 6:46	11.02	45.054	29.05		7.82	0	2.253	
546	3/19/2009 7:01	11.04	44.882	28.92		7.81	0	2.222	
547	3/19/2009 7:16	11.09	44.667	28.77		7.81	0	2.183	
548	3/19/2009 7:31	11.16	44.508	28.66		7.81	0.1	2.142	
549	3/19/2009 7:46	11.22	44.156	28.41		7.8	0.2	2.087	
550	3/19/2009 8:01	11.24	43.828	28.18		7.81	0.2	2.031	
551	3/19/2009 8:16	11.25	43.775	28.14		7.79	0.1	1.977	
552	3/19/2009 8:31	11.25	42.749	27.42		7.74	0.5	1.916	
553	3/19/2009 8:46	11.25	42.264	27.07		7.75	1.9	1.845	
554	3/19/2009 9:01	11.26	42.193	27.02		7.75	1.2	1.778	
555	3/19/2009 9:16	11.26	42.196	27.02		7.75	0.9	1.72	
556	3/19/2009 9:31	11.25	42.241	27.06		7.74	0.5	1.655	
557	3/19/2009 9:46	11.27	42.232	27.05		7.73	0.4	1.569	
558	3/19/2009 10:01	11.32	42.289	27.09		7.73	0.2	1.499	
559	3/19/2009 10:16	11.38	42.222	27.05		7.76	0.9	1.429	
560	3/19/2009 10:31	11.45	41.921	26.84		7.79	0.8	1.334	
561	3/19/2009 10:46	11.5	42.121	26.98		7.81	0.8	1.255	
562	3/19/2009 11:01	11.6	42.051	26.94		7.82	0.9	1.169	
563	3/19/2009 11:16	11.72	41.926	26.85		7.81	1	1.083	
564	3/19/2009 11:31	11.81	41.891	26.83		7.8	0.9	1.009	
565	3/19/2009 11:46	11.84	41.841	26.8		7.79	0.9	0.949	
566	3/19/2009 12:01	11.98	41.789	26.76		7.79	0.8	0.868	
567	3/19/2009 12:16	12.08	41.821	26.79		7.78	0.8	0.824	
568	3/19/2009 12:31	12.22	41.787	26.77		7.78	0.7	0.78	
569	3/19/2009 12:46	12.35	41.698	26.71		7.77	0.8	0.741	
570	3/19/2009 13:01	12.44	41.759	26.76		7.78	0.8	0.724	
571	3/19/2009 13:16	12.53	41.744	26.75		7.76	0.8	0.706	
572	3/19/2009 13:31	12.6	41.691	26.72		7.76	0.8	0.697	
573	3/19/2009 13:46	12.65	41.802	26.8		7.75	0.8	0.706	
574	3/19/2009 14:01	12.67	41.772	26.78		7.75	0.8	0.723	
575	3/19/2009 14:16	12.68	41.696	26.72		7.74	0.8	0.728	

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	Depthn meters	DO%
576	3/19/2009 14:31	12.73	41.806	26.8		7.74	0.7	0.742	
577	3/19/2009 14:46	12.75	41.757	26.77		7.71	0.3	0.776	
578	3/19/2009 15:01	12.92	41.654	26.7		7.71	0.5	0.818	
579	3/19/2009 15:16	13	41.73	26.76		7.72	0.4	0.844	
580	3/19/2009 15:31	13.02	41.788	26.8		7.69	0.1	0.884	
581	3/19/2009 15:46	13.01	41.709	26.74		7.71	0	0.938	
582	3/19/2009 16:01	12.83	42.099	27.01		7.81	0	1.002	
583	3/19/2009 16:16	12.66	42.295	27.15		7.81	0	1.027	
584	3/19/2009 16:31	12.32	42.788	27.49		7.88	0	1.09	
585	3/19/2009 16:46	12.16	42.871	27.54		7.88	0	1.156	
586	3/19/2009 17:01	12.08	42.751	27.45		7.9	0.2	1.204	
587	3/19/2009 17:16	12.05	42.818	27.5		7.9	0.1	1.262	
588	3/19/2009 17:31	11.99	42.859	27.52		7.89	0.1	1.322	
589	3/19/2009 17:46	11.87	42.885	27.54		7.9	0.1	1.375	
590	3/19/2009 18:01	11.79	43.059	27.66		7.91	0.1	1.435	
591	3/19/2009 18:16	11.72	43.196	27.75		7.9	0	1.486	
592	3/19/2009 18:31	11.63	43.334	27.85		7.89	0.2	1.538	
593	3/19/2009 18:46	11.6	43.444	27.92		7.9	0.3	1.585	
594	3/19/2009 19:01	11.59	43.448	27.93		7.9	0.3	1.637	
595	3/19/2009 19:16	11.58	43.412	27.9		7.88	0.2	1.679	
596	3/19/2009 19:31	11.54	43.535	27.99		7.89	0	1.725	
597	3/19/2009 19:46	11.46	43.806	28.18		7.86	0	1.766	
598	3/19/2009 20:01	11.39	43.961	28.28		7.86	0.1	1.803	
599	3/19/2009 20:16	11.4	44.108	28.39		7.86	0.1	1.825	
600	3/19/2009 20:31	11.45	43.939	28.27		7.88	0.2	1.845	
601	3/19/2009 20:46	11.5	43.89	28.24		7.88	0.2	1.864	
602	3/19/2009 21:01	11.53	43.825	28.19		7.86	0.1	1.879	
603	3/19/2009 21:16	11.54	43.958	28.29		7.86	0.1	1.879	
604	3/19/2009 21:31	11.55	43.945	28.28		7.85	0	1.879	
605	3/19/2009 21:46	11.54	43.922	28.26		7.84	0	1.872	
606	3/19/2009 22:01	11.52	43.88	28.23		7.84	0	1.853	
607	3/19/2009 22:16	11.5	43.866	28.22		7.82	0	1.836	
608	3/19/2009 22:31	11.5	43.928	28.26		7.82	0	1.805	
609	3/19/2009 22:46	11.57	43.72	28.12		7.82	0	1.765	
610	3/19/2009 23:01	11.67	43.484	27.96		7.83	0	1.738	
611	3/19/2009 23:16	11.78	43.338	27.86		7.84	0.2	1.713	
612	3/19/2009 23:31	11.91	43.35	27.87		7.84	0.2	1.67	
613	3/19/2009 23:46	11.98	43.303	27.84		7.83	0.1	1.635	
614	3/20/2009 0:01	12.04	43.246	27.8		7.83	0.1	1.623	
615	3/20/2009 0:16	12.1	43.243	27.8		7.83	0.1	1.594	
616	3/20/2009 0:31	12.14	43.04	27.66		7.81	0.1	1.568	
617	3/20/2009 0:46	12.16	43.111	27.71		7.82	0.1	1.541	
618	3/20/2009 1:01	12.17	42.918	27.57		7.82	0.1	1.562	
619	3/20/2009 1:16	12.2	42.733	27.44		7.82	0.1	1.556	
620	3/20/2009 1:31	12.22	42.739	27.45		7.82	0.1	1.548	
621	3/20/2009 1:46	12.22	42.648	27.38		7.81	0	1.56	
622	3/20/2009 2:01	12.2	42.689	27.41		7.8	0	1.574	
623	3/20/2009 2:16	12.17	42.75	27.45		7.78	0	1.602	

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	Depthn meters	DO%
624	3/20/2009 2:31	12.15	42.681	27.4		7.77	0	1.611	
625	3/20/2009 2:46	12.13	42.719	27.43		7.78	0	1.636	
626	3/20/2009 3:01	12.1	42.723	27.43		7.79	0	1.681	
627	3/20/2009 3:16	12.1	42.57	27.32		7.8	0	1.703	
628	3/20/2009 3:31	12.03	42.703	27.41		7.79	0	1.722	
629	3/20/2009 3:46	11.94	42.684	27.4		7.77	0	1.76	
630	3/20/2009 4:01	11.85	42.69	27.4		7.75	0	1.802	
631	3/20/2009 4:16	11.79	42.737	27.43		7.73	0	1.842	
632	3/20/2009 4:31	11.74	42.903	27.55		7.73	0	1.851	
633	3/20/2009 4:46	11.63	43.266	27.8		7.79	0	1.915	
634	3/20/2009 5:01	11.48	43.8	28.17		7.79	0	1.968	
635	3/20/2009 5:16	11.37	44.31	28.53		7.83	0	1.998	
636	3/20/2009 5:31	11.33	44.67	28.79		7.87	0	2.025	
637	3/20/2009 5:46	11.29	44.853	28.91		7.91	0	2.089	
638	3/20/2009 6:01	11.27	44.956	28.99		7.88	0	2.124	
639	3/20/2009 6:16	11.26	45.036	29.04		7.87	0	2.143	
640	3/20/2009 6:31	11.24	45.265	29.21		7.86	0	2.179	
641	3/20/2009 6:46	11.24	45.183	29.15		7.85	0	2.213	
642	3/20/2009 7:01	11.24	45.484	29.36		7.87	0	2.226	
643	3/20/2009 7:16	11.25	45.432	29.33		7.86	0	2.234	
644	3/20/2009 7:31	11.27	45.421	29.32		7.86	0	2.252	
645	3/20/2009 7:46	11.28	45.435	29.33		7.85	0	2.235	
646	3/20/2009 8:01	11.28	45.361	29.28		7.85	0	2.225	
647	3/20/2009 8:16	11.32	45.333	29.26		7.83	0	2.181	
648	3/20/2009 8:31	11.35	45.137	29.12		7.83	0	2.149	
649	3/20/2009 8:46	11.47	44.264	28.5		7.83	0.2	2.124	
650	3/20/2009 9:01	11.51	44.079	28.37		7.83	0.1	2.053	
651	3/20/2009 9:16	11.56	43.97	28.3		7.82	0	1.988	
652	3/20/2009 9:31	11.58	43.434	27.92		7.78	0.2	1.936	
653	3/20/2009 9:46	11.6	43.107	27.68		7.77	0.5	1.882	
654	3/20/2009 10:01	11.61	42.866	27.51		7.79	2	1.806	
655	3/20/2009 10:16	11.63	42.77	27.45		7.81	1.6	1.735	
656	3/20/2009 10:31	11.66	42.754	27.44		7.81	0.9	1.669	
657	3/20/2009 10:46	11.73	42.71	27.41		7.8	0.7	1.582	
658	3/20/2009 11:01	11.78	42.674	27.39		7.8	0.5	1.507	
659	3/20/2009 11:16	11.85	42.705	27.41		7.79	0.4	1.43	
660	3/20/2009 11:31	11.93	42.721	27.42		7.79	0.4	1.355	
661	3/20/2009 11:46	12.02	42.645	27.37		7.78	0.4	1.262	
662	3/20/2009 12:01	12.12	42.771	27.47		7.8	0.5	1.168	
663	3/20/2009 12:16	12.23	42.673	27.4		7.79	0.4	1.079	
664	3/20/2009 12:31	12.33	42.199	27.07		7.76	0.3	0.997	
665	3/20/2009 12:46	12.39	41.818	26.8		7.73	0.9	0.923	
666	3/20/2009 13:01	12.47	41.853	26.83		7.72	1.3	0.842	
667	3/20/2009 13:16	12.57	41.821	26.81		7.72	1.3	0.773	
668	3/20/2009 13:31	12.69	41.697	26.72		7.72	1.3	0.729	
669	3/20/2009 13:46	12.82	41.646	26.69		7.71	1.3	0.683	
670	3/20/2009 14:01	12.9	41.718	26.74		7.72	1.4	0.654	
671	3/20/2009 14:16	13	41.578	26.65		7.71	1.4	0.626	

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	Depthn meters	DO%
672	3/20/2009 14:31	13.04	41.757	26.78		7.68	1.2	0.627	
673	3/20/2009 14:46	13.09	41.713	26.75		7.69	1.3	0.637	
674	3/20/2009 15:01	13.12	41.619	26.68		7.68	1.3	0.636	
675	3/20/2009 15:16	13.12	41.683	26.73		7.67	1.1	0.663	
676	3/20/2009 15:31	13.14	41.624	26.68		7.66	0.7	0.688	
677	3/20/2009 15:46	13.18	41.575	26.65		7.6	0	0.736	
678	3/20/2009 16:01	13.23	41.744	26.77		7.52	0	0.77	
679	3/20/2009 16:16	13.29	42.185	27.09		7.66	0	0.811	
680	3/20/2009 16:31	13.27	42.284	27.16		7.81	0	0.855	
681	3/20/2009 16:46	13.2	42.475	27.29		7.9	0	0.917	
682	3/20/2009 17:01	13.06	42.549	27.34		7.91	0	0.967	
683	3/20/2009 17:16	12.95	42.505	27.3		7.92	0	1.018	
684	3/20/2009 17:31	12.72	42.926	27.6		7.92	0	1.088	
685	3/20/2009 17:46	12.63	42.911	27.58		7.94	0	1.143	
686	3/20/2009 18:01	12.55	42.954	27.61		7.93	0	1.197	
687	3/20/2009 18:16	12.4	43.099	27.71		7.91	0	1.263	
688	3/20/2009 18:31	12.29	43.322	27.86		7.91	0	1.326	
689	3/20/2009 18:46	12.25	43.335	27.87		7.93	0	1.394	
690	3/20/2009 19:01	12.21	43.479	27.97		7.92	0	1.443	
691	3/20/2009 19:16	12.11	43.664	28.1		7.92	0.1	1.512	
692	3/20/2009 19:31	12.08	43.683	28.11		7.92	0	1.569	
693	3/20/2009 19:46	12.02	43.669	28.1		7.9	0	1.62	
694	3/20/2009 20:01	11.95	43.973	28.32		7.91	0.1	1.682	
695	3/20/2009 20:16	11.93	44.132	28.43		7.92	0.1	1.736	
696	3/20/2009 20:31	11.89	44.039	28.36		7.92	0.4	1.789	
697	3/20/2009 20:46	11.88	44.057	28.37		7.93	0.2	1.831	
698	3/20/2009 21:01	11.86	44.199	28.47		7.92	0.2	1.875	
699	3/20/2009 21:16	11.81	44.203	28.47		7.89	0	1.912	
700	3/20/2009 21:31	11.75	44.164	28.44		7.89	0	1.946	
701	3/20/2009 21:46	11.7	44.256	28.51		7.88	0	1.964	
702	3/20/2009 22:01	11.67	44.397	28.61		7.87	0	1.972	
703	3/20/2009 22:16	11.65	44.388	28.6		7.86	0	1.983	
704	3/20/2009 22:31	11.65	44.286	28.53		7.84	0	1.971	
705	3/20/2009 22:46	11.65	44.283	28.52		7.86	0	1.949	
706	3/20/2009 23:01	11.67	44.16	28.44		7.85	0	1.925	
707	3/20/2009 23:16	11.69	44.205	28.47		7.85	0	1.883	
708	3/20/2009 23:31	11.74	44.067	28.37		7.86	0	1.851	
709	3/20/2009 23:46	11.81	44.134	28.42		7.88	0.5	1.798	
710	3/21/2009 0:01	11.86	44.001	28.33		7.89	0.5	1.75	
711	3/21/2009 0:16	11.87	44.044	28.36		7.88	0.5	1.717	
712	3/21/2009 0:31	11.87	43.903	28.26		7.88	0.6	1.668	
713	3/21/2009 0:46	11.86	43.914	28.27		7.88	0.4	1.619	
714	3/21/2009 1:01	11.87	43.789	28.18		7.87	0.9	1.59	
715	3/21/2009 1:16	11.89	43.497	27.97		7.86	0.9	1.558	
716	3/21/2009 1:31	11.9	43.703	28.12		7.87	0.7	1.535	
717	3/21/2009 1:46	11.93	43.684	28.11		7.87	0.5	1.505	
718	3/21/2009 2:01	11.95	43.668	28.1		7.86	0.4	1.491	
719	3/21/2009 2:16	11.96	43.472	27.96		7.86	0.4	1.479	

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	Depthn meters	DO%
720	3/21/2009 2:31	11.97	43.347	27.87		7.84	0.2	1.473	
721	3/21/2009 2:46	11.99	43.317	27.85		7.83	0.2	1.476	
722	3/21/2009 3:01	12	43.527	28		7.83	0.2	1.478	
723	3/21/2009 3:16	12	43.597	28.05		8.07	0.1	1.493	
724	3/21/2009 3:31	12	43.413	27.92		7.81	0	1.516	
725	3/21/2009 3:46	12	43.418	27.92		7.81	0	1.527	
726	3/21/2009 4:01	11.99	43.393	27.9		7.8	0	1.563	
727	3/21/2009 4:16	11.99	43.546	28.01		7.78	0	1.593	
728	3/21/2009 4:31	11.98	43.468	27.96		7.78	0	1.637	
729	3/21/2009 4:46	11.95	43.508	27.98		7.77	0	1.67	
730	3/21/2009 5:01	11.92	43.496	27.97		7.81	0	1.706	
731	3/21/2009 5:16	11.85	43.547	28.01		7.84	0	1.768	
732	3/21/2009 5:31	11.76	43.889	28.25		7.81	0	1.808	
733	3/21/2009 5:46	11.65	44.651	28.79		7.85	0	1.86	
734	3/21/2009 6:01	11.62	44.808	28.9		7.89	0.1	1.909	
735	3/21/2009 6:16	11.59	44.869	28.94		7.9	0	1.96	
736	3/21/2009 6:31	11.55	44.928	28.98		7.9	0	2.011	
737	3/21/2009 6:46	11.49	44.905	28.96		7.88	0	2.053	
738	3/21/2009 7:01	11.42	45.375	29.29		7.88	0	2.092	
739	3/21/2009 7:16	11.32	45.982	29.72		7.89	0	2.141	
740	3/21/2009 7:31	11.31	45.93	29.69		7.92	0.1	2.179	
741	3/21/2009 7:46	11.31	46.124	29.82		7.91	0	2.206	
742	3/21/2009 8:01	11.31	46.074	29.79		7.91	0	2.227	
743	3/21/2009 8:16	11.31	45.904	29.67		7.91	0	2.259	
744	3/21/2009 8:31	11.31	45.973	29.72		7.9	0	2.264	
745	3/21/2009 8:46	11.32	45.882	29.65		7.9	0	2.256	
746	3/21/2009 9:01	11.34	45.912	29.67		7.89	0	2.247	
747	3/21/2009 9:16	11.36	45.9	29.67		7.87	0	2.23	
748	3/21/2009 9:31	11.4	45.845	29.63		7.87	0	2.182	
749	3/21/2009 9:46	11.46	45.503	29.39		7.85	0	2.129	
750	3/21/2009 10:01	11.52	45.234	29.2		7.85	0.1	2.095	
751	3/21/2009 10:16	11.57	45.089	29.1		7.85	0.1	2.032	
752	3/21/2009 10:31	11.61	44.929	28.98		7.85	0.2	1.969	
753	3/21/2009 10:46	11.65	44.716	28.83		7.84	0.9	1.89	
754	3/21/2009 11:01	11.68	44.457	28.65		7.82	1	1.82	
755	3/21/2009 11:16	11.73	43.904	28.26		7.81	0.5	1.765	
756	3/21/2009 11:31	11.8	43.543	28		7.81	0.5	1.683	
757	3/21/2009 11:46	11.88	43.529	28		7.8	0.6	1.592	
758	3/21/2009 12:01	11.93	43.422	27.92		7.79	0.5	1.519	
759	3/21/2009 12:16	11.98	43.464	27.95		7.8	0.5	1.429	
760	3/21/2009 12:31	12.03	43.365	27.89		7.8	0.6	1.349	
761	3/21/2009 12:46	12.12	43.187	27.76		7.82	0.9	1.271	
762	3/21/2009 13:01	12.23	43.174	27.76		7.84	0.5	1.178	
763	3/21/2009 13:16	12.32	43.055	27.67		7.84	0.4	1.096	
764	3/21/2009 13:31	12.39	42.789	27.49		7.84	0.2	1.004	
765	3/21/2009 13:46	12.45	42.77	27.48		7.82	0.2	0.914	
766	3/21/2009 14:01	12.55	42.676	27.41		7.82	0.4	0.841	
767	3/21/2009 14:16	12.68	42.673	27.42		7.86	2.4	0.781	

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	Depthn meters	DO%
768	3/21/2009 14:31	12.76	42.713	27.45		7.89	3.4	0.725	
769	3/21/2009 14:46	12.8	42.632	27.39		7.9	1.1	0.668	
770	3/21/2009 15:01	12.84	42.669	27.42		7.89	0.5	0.653	
771	3/21/2009 15:16	12.85	42.625	27.39		7.88	0.4	0.632	
772	3/21/2009 15:31	12.86	42.609	27.38		7.87	0.4	0.615	
773	3/21/2009 15:46	12.86	42.58	27.35		7.87	0.3	0.626	
774	3/21/2009 16:01	12.86	42.68	27.43		7.87	0.2	0.628	
775	3/21/2009 16:16	12.86	42.66	27.41		7.85	0	0.673	
776	3/21/2009 16:31	12.83	42.567	27.34		7.84	0.5	0.705	
777	3/21/2009 16:46	12.83	42.034	26.97		7.89	1	0.744	
778	3/21/2009 17:01	12.83	41.817	26.81		7.94	1.3	0.807	
779	3/21/2009 17:16	12.84	41.692	26.72		7.94	1.3	0.867	
780	3/21/2009 17:31	12.81	41.742	26.76		7.93	1.5	0.933	
781	3/21/2009 17:46	12.79	41.655	26.7		7.94	1.2	1	
782	3/21/2009 18:01	12.76	41.666	26.7		7.93	0.9	1.062	
783	3/21/2009 18:16	12.71	41.912	26.88		7.93	0.7	1.136	
784	3/21/2009 18:31	12.62	42.334	27.17		7.96	0.6	1.207	
785	3/21/2009 18:46	12.54	42.632	27.38		7.96	0.4	1.273	
786	3/21/2009 19:01	12.47	43.049	27.68		7.94	0.3	1.332	
787	3/21/2009 19:16	12.32	43.385	27.91		7.94	0.2	1.404	
788	3/21/2009 19:31	12.17	43.769	28.18		7.94	0.4	1.474	
789	3/21/2009 19:46	12.06	44.063	28.38		7.94	0.4	1.542	
790	3/21/2009 20:01	11.97	44.294	28.54		7.93	0.4	1.607	
791	3/21/2009 20:16	11.89	44.438	28.64		7.93	0.5	1.669	
792	3/21/2009 20:31	11.81	44.739	28.86		7.94	0.5	1.736	
793	3/21/2009 20:46	11.72	44.811	28.9		7.96	0.4	1.8	
794	3/21/2009 21:01	11.65	45.083	29.09		7.95	0.4	1.857	
795	3/21/2009 21:16	11.59	45.314	29.26		7.95	0.2	1.916	
796	3/21/2009 21:31	11.54	45.511	29.4		7.95	0.2	1.977	
797	3/21/2009 21:46	11.5	45.603	29.46		7.94	0.2	2.018	
798	3/21/2009 22:01	11.47	45.642	29.49		7.94	0.3	2.064	
799	3/21/2009 22:16	11.46	45.477	29.37		7.89	0.2	2.105	
800	3/21/2009 22:31	11.45	45.706	29.53		7.92	0.1	2.122	
801	3/21/2009 22:46	11.44	45.711	29.54		7.94	0.1	2.132	
802	3/21/2009 23:01	11.44	45.707	29.53		7.93	0.1	2.125	
803	3/21/2009 23:16	11.44	45.656	29.5		7.93	0.1	2.113	
804	3/21/2009 23:31	11.43	45.781	29.58		7.9	0.1	2.101	
805	3/21/2009 23:46	11.42	45.725	29.54		8.11	0	2.059	
806	3/22/2009 0:01	11.41	45.379	29.3		7.9	0	2.008	
807	3/22/2009 0:16	11.41	45.398	29.31		7.91	0.5	1.956	
808	3/22/2009 0:31	11.41	45.191	29.16		7.92	0.5	1.902	
809	3/22/2009 0:46	11.41	44.988	29.02		7.92	0.5	1.855	
810	3/22/2009 1:01	11.43	44.773	28.86		7.93	0.8	1.775	
811	3/22/2009 1:16	11.44	44.631	28.76		7.93	0.9	1.723	
812	3/22/2009 1:31	11.42	44.382	28.58		7.93	0.7	1.656	
813	3/22/2009 1:46	11.36	44.113	28.39		7.93	0.7	1.597	
814	3/22/2009 2:01	11.36	43.964	28.28		7.93	0.7	1.553	
815	3/22/2009 2:16	11.39	43.707	28.1		7.92	0.6	1.509	

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	Depthn meters	DO%
816	3/22/2009 2:31	11.45	43.577	28.01		7.92	0.4	1.458	
817	3/22/2009 2:46	11.48	43.323	27.83		7.92	0.5	1.432	
818	3/22/2009 3:01	11.51	43.301	27.82		7.92	0.5	1.419	
819	3/22/2009 3:16	11.54	43.166	27.72		7.92	0.5	1.391	
820	3/22/2009 3:31	11.57	42.934	27.56		7.92	0.5	1.352	
821	3/22/2009 3:46	11.57	42.963	27.58		7.91	0.5	1.372	
822	3/22/2009 4:01	11.58	43.057	27.65		7.91	0.5	1.393	
823	3/22/2009 4:16	11.58	43.016	27.62		7.91	0.5	1.373	
824	3/22/2009 4:31	11.58	43.054	27.65		7.9	0.4	1.412	
825	3/22/2009 4:46	11.58	43.177	27.73		7.88	0.2	1.427	
826	3/22/2009 5:01	11.59	43.52	27.98		7.87	0	1.476	
827	3/22/2009 5:16	11.59	43.573	28.02		7.87	0	1.524	
828	3/22/2009 5:31	11.59	43.443	27.92		7.85	0	1.569	
829	3/22/2009 5:46	11.6	43.588	28.03		7.86	0	1.622	
830	3/22/2009 6:01	11.54	43.647	28.07		7.89	0.2	1.671	
831	3/22/2009 6:16	11.5	43.735	28.13		7.91	0.1	1.738	
832	3/22/2009 6:31	11.46	43.764	28.15		7.91	0.1	1.796	
833	3/22/2009 6:46	11.42	43.84	28.2		7.91	0.2	1.852	
834	3/22/2009 7:01	11.37	44.183	28.44		7.91	0.2	1.937	
835	3/22/2009 7:16	11.3	44.562	28.71		8.15	0.4	1.966	
836	3/22/2009 7:31	11.22	44.573	28.71		7.92	0.2	2.029	
837	3/22/2009 7:46	11.15	44.837	28.9		7.92	0.2	2.092	
838	3/22/2009 8:01	11.1	44.912	28.95		7.92	0.2	2.146	
839	3/22/2009 8:16	11.09	45.093	29.08		7.93	0.1	2.181	
840	3/22/2009 8:31	11.09	45.186	29.14		8.16	0.1	2.209	
841	3/22/2009 8:46	11.07	45.198	29.15		7.92	0	2.275	
842	3/22/2009 9:01	11.06	45.206	29.16		7.91	0	2.304	
843	3/22/2009 9:16	11.06	45.297	29.22		7.9	0	2.308	
844	3/22/2009 9:31	11.06	45.145	29.11		7.89	0	2.333	
845	3/22/2009 9:46	11.06	45.28	29.21		7.89	0	2.321	
846	3/22/2009 10:01	11.07	45.256	29.19		7.88	0	2.296	
847	3/22/2009 10:16	11.06	45.206	29.16		7.87	0	2.302	
848	3/22/2009 10:31	11.03	45.166	29.13		7.86	0	2.242	
849	3/22/2009 10:46	10.99	45.002	29.01		7.87	0	2.188	
850	3/22/2009 11:01	10.96	44.868	28.91		7.88	0.4	2.132	
851	3/22/2009 11:16	10.94	44.57	28.7		7.88	0.4	2.061	
852	3/22/2009 11:31	10.94	44.296	28.5		7.88	0.5	2.008	
853	3/22/2009 11:46	10.97	43.904	28.22		7.88	0.7	1.924	
854	3/22/2009 12:01	11.02	43.782	28.14		7.88	0.6	1.859	
855	3/22/2009 12:16	11.09	43.766	28.13		7.87	0.5	1.773	
856	3/22/2009 12:31	11.18	43.638	28.04		7.86	0.5	1.671	
857	3/22/2009 12:46	11.23	43.445	27.91		7.86	0.4	1.598	
858	3/22/2009 13:01	11.27	43.169	27.72		7.87	0.7	1.491	
859	3/22/2009 13:16	11.3	42.746	27.42		7.89	1.3	1.394	
860	3/22/2009 13:31	11.35	42.11	26.97		7.89	1.8	1.296	
861	3/22/2009 13:46	11.39	41.905	26.82		7.89	1.6	1.205	
862	3/22/2009 14:01	11.44	41.917	26.84		7.88	1.5	1.08	
863	3/22/2009 14:16	11.5	41.998	26.9		7.88	1.4	0.992	

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	Depthn meters	DO%
864	3/22/2009 14:31	11.57	41.949	26.86		7.88	1.4	0.894	
865	3/22/2009 14:46	11.63	41.941	26.86		7.87	1.4	0.804	
866	3/22/2009 15:01	11.69	41.86	26.8		7.87	1.5	0.723	
867	3/22/2009 15:16	11.73	41.712	26.7		7.86	1.6	0.638	
868	3/22/2009 15:31	11.76	41.269	26.39		7.84	2	0.587	
869	3/22/2009 15:46	11.79	40.43	25.8		7.82	2.1	0.539	
870	3/22/2009 16:01	11.82	40.168	25.62		7.81	2.1	0.54	
871	3/22/2009 16:16	11.84	40.012	25.51		7.8	2	0.521	
872	3/22/2009 16:31	11.86	40.224	25.66		7.81	2	0.533	
873	3/22/2009 16:46	11.88	40.789	26.05		7.8	1.3	0.568	
874	3/22/2009 17:01	11.93	41.284	26.41		7.81	1.6	0.592	
875	3/22/2009 17:16	11.96	41.532	26.58		7.85	2.1	0.671	
876	3/22/2009 17:31	11.97	41.612	26.64		7.85	2	0.726	
877	3/22/2009 17:46	11.96	41.561	26.6		7.86	1.9	0.78	
878	3/22/2009 18:01	11.95	41.674	26.68		7.93	3.9	0.848	
879	3/22/2009 18:16	11.94	41.723	26.72		7.94	3.3	0.913	
880	3/22/2009 18:31	11.93	41.729	26.72		7.94	3.1	1.003	
881	3/22/2009 18:46	11.87	41.57	26.61		7.95	4.4	1.068	
882	3/22/2009 19:01	11.82	41.504	26.56		7.94	4	1.145	
883	3/22/2009 19:16	11.78	41.579	26.61		7.93	3.5	1.229	
884	3/22/2009 19:31	11.75	41.481	26.54		7.93	2.8	1.315	
885	3/22/2009 19:46	11.63	42.011	26.91		7.95	4.3	1.398	
886	3/22/2009 20:01	11.56	42.135	26.99		7.95	4	1.474	
887	3/22/2009 20:16	11.48	42.249	27.07		7.95	3	1.568	
888	3/22/2009 20:31	11.39	42.314	27.11		7.96	4.6	1.654	
889	3/22/2009 20:46	11.37	42.207	27.04		7.94	3.6	1.708	
890	3/22/2009 21:01	11.36	42.095	26.96		7.93	3	1.768	
891	3/22/2009 21:16	11.31	42.432	27.19		7.91	2.4	1.844	
892	3/22/2009 21:31	11.24	42.905	27.53		7.94	2.5	1.908	
893	3/22/2009 21:46	11.18	43.129	27.68		7.94	2.6	1.97	
894	3/22/2009 22:01	11.17	43.128	27.68		7.94	2.2	2.021	
895	3/22/2009 22:16	11.15	43.261	27.78		8.17	1.3	2.077	
896	3/22/2009 22:31	11.13	43.365	27.85		7.92	1.5	2.119	
897	3/22/2009 22:46	11.12	43.337	27.83		7.92	1.2	2.136	
898	3/22/2009 23:01	11.09	43.441	27.9		7.92	0.7	2.173	
899	3/22/2009 23:16	11.07	43.405	27.87		7.91	0.7	2.162	
900	3/22/2009 23:31	10.88	43.472	27.91		8.15	1.8	2.179	
901	3/22/2009 23:46	10.51	43.316	27.78		7.89	1.5	2.168	
902	3/23/2009 0:01	10.65	43.04	27.6		7.88	1.5	2.131	
903	3/23/2009 0:16	10.71	43.143	27.67		7.89	1.3	2.07	
904	3/23/2009 0:31	10.76	43.093	27.64		7.9	1.5	2.007	
905	3/23/2009 0:46	10.77	42.885	27.49		7.89	1.3	1.952	
906	3/23/2009 1:01	10.77	42.649	27.32		7.9	1.6	1.879	
907	3/23/2009 1:16	10.75	42.345	27.11		7.92	2.6	1.802	
908	3/23/2009 1:31	10.73	42.317	27.09		7.93	2.6	1.741	
909	3/23/2009 1:46	10.71	42.231	27.03		7.92	2.4	1.659	
910	3/23/2009 2:01	10.69	42.13	26.95		7.91	2.3	1.606	
911	3/23/2009 2:16	10.67	42.21	27.01		7.91	2.4	1.512	

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	Depthn meters	DO%
912	3/23/2009 2:31	10.68	42.124	26.95		7.91	2.3	1.462	
913	3/23/2009 2:46	10.68	42.022	26.88		7.9	2.1	1.389	
914	3/23/2009 3:01	10.69	41.763	26.69		7.89	2.1	1.327	
915	3/23/2009 3:16	10.7	41.725	26.67		8.14	2.1	1.248	
916	3/23/2009 3:31	10.7	41.651	26.62		8.13	2.1	1.222	
917	3/23/2009 3:46	10.68	41.652	26.62		8.13	2.2	1.187	
918	3/23/2009 4:01	10.67	41.506	26.51		7.88	2.1	1.137	
919	3/23/2009 4:16	10.68	41.686	26.64		7.87	2.1	1.116	
920	3/23/2009 4:31	10.67	41.669	26.63		7.87	2.1	1.144	
921	3/23/2009 4:46	10.66	41.641	26.61		8.12	2	1.137	
922	3/23/2009 5:01	10.65	41.609	26.58		7.84	1.8	1.17	
923	3/23/2009 5:16	10.63	41.597	26.57		7.85	1.4	1.202	
924	3/23/2009 5:31	10.64	41.69	26.64		8.1	1.3	1.249	
925	3/23/2009 5:46	10.65	41.524	26.52		7.83	1	1.306	
926	3/23/2009 6:01	10.7	41.76	26.69		7.83	0.8	1.365	
927	3/23/2009 6:16	10.74	41.824	26.74		7.89	2.1	1.438	
928	3/23/2009 6:31	10.76	41.935	26.82		7.92	1.6	1.5	
929	3/23/2009 6:46	10.8	41.894	26.79		7.9	1.8	1.563	
930	3/23/2009 7:01	10.81	41.906	26.8		7.9	2.1	1.637	
931	3/23/2009 7:16	10.82	42.078	26.92		7.91	1.8	1.687	
932	3/23/2009 7:31	10.84	42.325	27.1		7.91	2.1	1.738	
933	3/23/2009 7:46	10.85	42.418	27.16		7.92	2	1.818	
934	3/23/2009 8:01	10.84	42.364	27.13		7.93	2.2	1.869	
935	3/23/2009 8:16	10.79	42.693	27.36		7.93	2.4	1.934	
936	3/23/2009 8:31	10.74	42.599	27.29		7.92	2.1	1.991	
937	3/23/2009 8:46	10.7	42.971	27.55		7.93	2.3	2.057	
938	3/23/2009 9:01	10.64	43.131	27.66		7.93	2	2.122	
939	3/23/2009 9:16	10.56	43.171	27.68		7.94	2.5	2.182	
940	3/23/2009 9:31	10.54	43.148	27.67		7.93	2.1	2.244	
941	3/23/2009 9:46	10.51	43.258	27.74		7.93	1.6	2.301	
942	3/23/2009 10:01	10.49	43.384	27.83		7.92	1.2	2.338	
943	3/23/2009 10:16	10.49	43.649	28.02		7.92	0.8	2.377	
944	3/23/2009 10:31	10.49	43.621	28		7.91	0.8	2.379	
945	3/23/2009 10:46	10.49	43.681	28.04		7.9	0.9	2.374	
946	3/23/2009 11:01	10.5	43.647	28.02		7.91	0.9	2.357	
947	3/23/2009 11:16	10.52	43.477	27.9		7.9	0.7	2.317	
948	3/23/2009 11:31	10.55	43.354	27.81		7.9	1	2.262	
949	3/23/2009 11:46	10.64	43.176	27.69		7.91	1.4	2.186	
950	3/23/2009 12:01	10.68	43.112	27.65		7.91	1.4	2.111	
951	3/23/2009 12:16	10.71	42.918	27.51		7.9	1.5	2.03	
952	3/23/2009 12:31	10.75	42.61	27.3		7.9	1.5	1.939	
953	3/23/2009 12:46	10.82	42.475	27.2		7.9	1.6	1.846	
954	3/23/2009 13:01	10.9	42.38	27.14		7.89	1.4	1.759	
955	3/23/2009 13:16	10.96	42.125	26.96		7.88	1.2	1.665	
956	3/23/2009 13:31	11.01	41.914	26.82		7.87	1.2	1.552	
957	3/23/2009 13:46	11.05	41.855	26.78		7.86	1.3	1.453	
958	3/23/2009 14:01	11.07	41.765	26.71		7.85	1.5	1.344	
959	3/23/2009 14:16	11.11	41.626	26.62		7.86	1.7	1.237	

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	Depthn meters	DO%
960	3/23/2009 14:31	11.15	41.654	26.64		7.86	1.8	1.126	
961	3/23/2009 14:46	11.2	41.552	26.57		7.86	1.8	1.015	
962	3/23/2009 15:01	11.25	41.609	26.61		7.86	1.8	0.919	
963	3/23/2009 15:16	11.31	41.481	26.52		7.87	1.7	0.838	
964	3/23/2009 15:31	11.35	41.489	26.53		7.86	1.7	0.728	
965	3/23/2009 15:46	11.39	41.268	26.38		7.85	1.6	0.661	
966	3/23/2009 16:01	11.37	40.657	25.94		7.82	1.6	0.605	
967	3/23/2009 16:16	11.37	39.556	25.17		7.78	2.1	0.556	
968	3/23/2009 16:31	11.41	38.569	24.48		7.73	2.3	0.527	
969	3/23/2009 16:46	11.45	38.665	24.55		7.77	2.2	0.525	
970	3/23/2009 17:01	11.47	39.282	24.98		7.76	2.1	0.543	
971	3/23/2009 17:16	11.51	39.472	25.12		7.76	1.7	0.547	
972	3/23/2009 17:31	11.54	40.324	25.72		7.78	1.1	0.594	
973	3/23/2009 17:46	11.51	40.589	25.9		7.89	0.9	0.636	
974	3/23/2009 18:01	11.49	40.55	25.87		7.91	1.3	0.694	
975	3/23/2009 18:16	11.46	40.065	25.53		7.91	1.5	0.765	
976	3/23/2009 18:31	11.43	39.99	25.48		7.91	1.5	0.819	
977	3/23/2009 18:46	11.41	39.925	25.43		7.9	1.2	0.914	
978	3/23/2009 19:01	11.39	40.122	25.57		7.91	1.4	0.988	
979	3/23/2009 19:16	11.36	40.296	25.69		7.97	2	1.067	
980	3/23/2009 19:31	11.31	40.407	25.77		7.94	1.7	1.156	
981	3/23/2009 19:46	11.26	40.553	25.87		7.94	1.6	1.245	
982	3/23/2009 20:01	11.2	40.811	26.04		7.94	2.3	1.334	
983	3/23/2009 20:16	11.17	40.875	26.09		7.94	2.3	1.421	
984	3/23/2009 20:31	11.14	40.91	26.11		7.94	2.2	1.507	
985	3/23/2009 20:46	11.13	41.645	26.63		7.94	2	1.597	
986	3/23/2009 21:01	11.1	41.556	26.57		7.94	2.2	1.677	
987	3/23/2009 21:16	11.09	41.522	26.54		7.94	2	1.752	
988	3/23/2009 21:31	11.07	41.904	26.81		7.94	1.5	1.834	
989	3/23/2009 21:46	11.03	42.793	27.44		7.93	1.3	1.904	
990	3/23/2009 22:01	10.97	43.397	27.86		7.93	1.3	1.971	
991	3/23/2009 22:16	10.9	43.495	27.93		7.94	1.4	2.044	
992	3/23/2009 22:31	10.87	43.792	28.14		7.95	1.4	2.103	
993	3/23/2009 22:46	10.84	43.791	28.14		7.95	1.2	2.159	
994	3/23/2009 23:01	10.79	44.015	28.29		7.94	0.8	2.213	
995	3/23/2009 23:16	10.74	44.267	28.47		7.93	0.7	2.252	
996	3/23/2009 23:31	10.71	44.443	28.59		7.93	0.5	2.273	
997	3/23/2009 23:46	10.7	44.474	28.62		7.93	0.5	2.28	
998	3/24/2009 0:01	10.7	44.227	28.44		7.91	0.5	2.268	
999	3/24/2009 0:16	10.71	44.222	28.44		7.93	0.5	2.234	
1000	3/24/2009 0:31	10.72	43.886	28.2		7.91	0.5	2.185	
1001	3/24/2009 0:46	10.76	43.876	28.19		7.92	0.6	2.118	
1002	3/24/2009 1:01	10.79	43.71	28.08		7.92	0.9	2.042	
1003	3/24/2009 1:16	10.82	43.441	27.89		7.92	0.9	1.974	
1004	3/24/2009 1:31	10.85	42.605	27.3		7.91	1.3	1.878	
1005	3/24/2009 1:46	10.87	41.954	26.84		7.92	1.3	1.794	
1006	3/24/2009 2:01	10.88	41.692	26.65		7.91	1.3	1.722	
1007	3/24/2009 2:16	10.88	41.49	26.51		7.91	1.4	1.618	

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	Depthn meters	DO%
1008	3/24/2009 2:31	10.89	41.278	26.36		7.9	1.2	1.528	
1009	3/24/2009 2:46	10.89	41.082	26.22		7.9	1.2	1.449	
1010	3/24/2009 3:01	10.9	40.849	26.06		7.9	1.2	1.356	
1011	3/24/2009 3:16	10.9	40.808	26.03		7.89	1.2	1.29	
1012	3/24/2009 3:31	10.91	40.532	25.84		7.9	1.2	1.198	
1013	3/24/2009 3:46	10.92	40.435	25.77		7.9	1.2	1.119	
1014	3/24/2009 4:01	10.92	40.212	25.61		7.9	1.3	1.056	
1015	3/24/2009 4:16	10.92	40.226	25.62		7.89	1.4	1.021	
1016	3/24/2009 4:31	10.92	40.165	25.58		7.88	1.6	0.982	
1017	3/24/2009 4:46	10.92	40.18	25.59		7.88	1.4	0.938	
1018	3/24/2009 5:01	10.92	40.063	25.51		7.87	1.5	0.939	
1019	3/24/2009 5:16	10.92	40.101	25.53		7.87	1.3	0.976	
1020	3/24/2009 5:31	10.92	40.063	25.51		7.86	1.4	0.958	
1021	3/24/2009 5:46	10.92	40.092	25.53		7.86	1.3	0.988	
1022	3/24/2009 6:01	10.92	40.362	25.72		7.78	0.2	1.066	
1023	3/24/2009 6:16	10.92	40.29	25.67		7.78	0.5	1.107	
1024	3/24/2009 6:31	10.9	40.306	25.68		7.82	1.2	1.168	
1025	3/24/2009 6:46	10.89	40.374	25.73		7.87	1.4	1.246	
1026	3/24/2009 7:01	10.89	40.36	25.72		7.86	0.8	1.312	
1027	3/24/2009 7:16	10.9	40.381	25.73		7.89	0.9	1.387	
1028	3/24/2009 7:31	10.9	40.604	25.89		7.91	1.5	1.468	
1029	3/24/2009 7:46	10.88	40.904	26.1		7.91	1.3	1.532	
1030	3/24/2009 8:01	10.87	41.284	26.36		7.91	1.5	1.604	
1031	3/24/2009 8:16	10.86	41.404	26.45		7.92	1.6	1.683	
1032	3/24/2009 8:31	10.84	41.727	26.68		7.93	1.5	1.755	
1033	3/24/2009 8:46	10.81	42.279	27.06		7.93	1.6	1.82	
1034	3/24/2009 9:01	10.77	42.383	27.14		7.93	1.6	1.892	
1035	3/24/2009 9:16	10.73	42.483	27.21		7.89	1.3	1.974	
1036	3/24/2009 9:31	10.65	42.749	27.39		7.9	1.8	2.05	
1037	3/24/2009 9:46	10.61	42.948	27.53		7.94	1.3	2.108	
1038	3/24/2009 10:01	10.57	43.494	27.91		7.93	1.3	2.177	
1039	3/24/2009 10:16	10.55	44.028	28.29		7.94	1.2	2.248	
1040	3/24/2009 10:31	10.52	44.378	28.54		7.93	1.1	2.289	
1041	3/24/2009 10:46	10.5	44.69	28.76		7.93	1	2.333	
1042	3/24/2009 11:01	10.47	44.857	28.88		7.92	0.7	2.384	
1043	3/24/2009 11:16	10.45	44.805	28.84		7.88	0.6	2.388	
1044	3/24/2009 11:31	10.44	44.845	28.87		7.87	0.6	2.395	
1045	3/24/2009 11:46	10.43	44.876	28.89		7.91	0.6	2.383	
1046	3/24/2009 12:01	10.43	44.709	28.77		7.9	0.5	2.343	
1047	3/24/2009 12:16	10.48	44.273	28.46		7.89	0.5	2.272	
1048	3/24/2009 12:31	10.6	43.824	28.15		7.91	0.7	2.216	
1049	3/24/2009 12:46	10.77	43.08	27.63		7.9	1	2.128	
1050	3/24/2009 13:01	10.84	42.721	27.38		7.9	1.2	2.028	
1051	3/24/2009 13:16	10.96	42.588	27.29		7.91	1.3	1.926	
1052	3/24/2009 13:31	11.11	42.108	26.96		7.89	1.3	1.843	
1053	3/24/2009 13:46	11.28	41.546	26.57		7.89	1.3	1.738	
1054	3/24/2009 14:01	11.41	41.372	26.45		7.89	1.2	1.635	
1055	3/24/2009 14:16	11.48	40.922	26.13		7.87	1	1.521	

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	Depthn meters	DO%
1056	3/24/2009 14:31	11.56	40.598	25.91		7.82	0.9	1.429	
1057	3/24/2009 14:46	11.66	40.426	25.79		7.8	0.9	1.305	
1058	3/24/2009 15:01	11.74	40.311	25.71		7.84	0.8	1.178	
1059	3/24/2009 15:16	11.84	40.231	25.66		7.83	0.9	1.088	
1060	3/24/2009 15:31	11.93	40.207	25.65		7.83	1.2	0.961	
1061	3/24/2009 15:46	12.02	40.158	25.62		7.84	1.4	0.855	
1062	3/24/2009 16:01	12.11	40.066	25.55		7.84	1.4	0.783	
1063	3/24/2009 16:16	12.2	39.839	25.4		7.8	1.7	0.678	
1064	3/24/2009 16:31	12.25	39.751	25.34		7.83	1.6	0.609	
1065	3/24/2009 16:46	12.29	39.465	25.14		7.79	1.7	0.577	
1066	3/24/2009 17:01	12.37	38.613	24.54		7.8	1.9	0.522	
1067	3/24/2009 17:16	12.41	38.06	24.16		7.75	1.9	0.504	
1068	3/24/2009 17:31	12.45	38.06	24.16		7.74	2	0.503	
1069	3/24/2009 17:46	12.46	39.217	24.97		7.79	1.2	0.558	
1070	3/24/2009 18:01	12.48	39.534	25.19		7.75	0.8	0.582	
1071	3/24/2009 18:16	12.51	39.796	25.38		7.69	0.3	0.637	
1072	3/24/2009 18:31	12.58	40.193	25.66		7.72	1.3	0.714	
1073	3/24/2009 18:46	12.6	40.296	25.73		7.88	1.7	0.771	
1074	3/24/2009 19:01	12.54	40.343	25.76		7.96	1.8	0.86	
1075	3/24/2009 19:16	12.53	40.438	25.83		7.97	1.6	0.924	
1076	3/24/2009 19:31	12.5	40.305	25.73		7.97	1.5	1.026	
1077	3/24/2009 19:46	12.47	40.431	25.82		7.97	1.3	1.114	
1078	3/24/2009 20:01	12.42	40.52	25.88		7.98	1.3	1.194	
1079	3/24/2009 20:16	12.3	40.793	26.07		7.97	1	1.294	
1080	3/24/2009 20:31	12.13	41.265	26.4		7.97	1.6	1.385	
1081	3/24/2009 20:46	12	41.611	26.64		7.96	1.5	1.466	
1082	3/24/2009 21:01	11.84	41.908	26.84		7.96	1.7	1.564	
1083	3/24/2009 21:16	11.79	42.076	26.96		7.96	1.5	1.644	
1084	3/24/2009 21:31	11.69	42.268	27.09		7.96	1.5	1.732	
1085	3/24/2009 21:46	11.54	42.575	27.3		7.96	1.6	1.819	
1086	3/24/2009 22:01	11.42	42.826	27.48		7.99	1.5	1.902	
1087	3/24/2009 22:16	11.31	43.234	27.76		7.99	2	1.978	
1088	3/24/2009 22:31	11.28	43.201	27.74		7.96	1.7	2.054	
1089	3/24/2009 22:46	11.2	43.381	27.86		7.96	1.4	2.139	
1090	3/24/2009 23:01	11.13	43.637	28.04		7.96	1.1	2.201	
1091	3/24/2009 23:16	11.02	44.254	28.48		7.95	0.9	2.265	
1092	3/24/2009 23:31	10.9	45.265	29.19		7.95	1	2.32	
1093	3/24/2009 23:46	10.85	45.441	29.31		7.95	0.8	2.357	
1094	3/25/2009 0:01	10.83	45.639	29.45		7.95	0.7	2.382	
1095	3/25/2009 0:16	10.81	45.681	29.48		7.95	0.6	2.391	
1096	3/25/2009 0:31	10.82	45.639	29.45		7.94	0.6	2.374	
1097	3/25/2009 0:46	10.84	45.227	29.16		7.92	0.4	2.326	
1098	3/25/2009 1:01	10.88	44.488	28.64		7.9	0.2	2.27	
1099	3/25/2009 1:16	10.94	43.691	28.07		7.92	0.6	2.202	
1100	3/25/2009 1:31	10.98	43.389	27.86		7.95	1.1	2.102	
1101	3/25/2009 1:46	10.97	43.203	27.73		7.94	1.1	2.014	
1102	3/25/2009 2:01	10.99	43.025	27.6		7.94	1.2	1.922	
1103	3/25/2009 2:16	11.02	42.569	27.28		7.94	1.3	1.814	

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	Depthn meters	DO%
1104	3/25/2009 2:31	11.05	42.354	27.13		7.94	1.2	1.718	
1105	3/25/2009 2:46	11.09	42.15	26.99		7.93	1	1.632	
1106	3/25/2009 3:01	11.17	41.848	26.78		7.93	1	1.526	
1107	3/25/2009 3:16	11.25	41.398	26.46		7.93	0.9	1.402	
1108	3/25/2009 3:31	11.32	41.024	26.2		7.92	0.9	1.317	
1109	3/25/2009 3:46	11.39	40.846	26.08		7.92	0.9	1.212	
1110	3/25/2009 4:01	11.44	40.634	25.93		7.94	0.9	1.105	
1111	3/25/2009 4:16	11.49	40.413	25.78		7.9	1	0.995	
1112	3/25/2009 4:31	11.54	40.453	25.81		7.89	1	0.926	
1113	3/25/2009 4:46	11.6	40.368	25.75		7.88	1	0.858	
1114	3/25/2009 5:01	11.65	40.274	25.68		7.87	1.1	0.79	
1115	3/25/2009 5:16	11.7	40.213	25.64		7.85	1.2	0.733	
1116	3/25/2009 5:31	11.72	40.184	25.62		7.84	1.2	0.727	
1117	3/25/2009 5:46	11.74	40.166	25.61		7.84	1.2	0.724	
1118	3/25/2009 6:01	11.76	40.095	25.56		7.83	1.2	0.715	
1119	3/25/2009 6:16	11.76	40.189	25.63		7.83	1.1	0.761	
1120	3/25/2009 6:31	11.78	40.328	25.73		7.78	0.2	0.805	
1121	3/25/2009 6:46	11.8	40.206	25.64		7.72	0.1	0.865	
1122	3/25/2009 7:01	11.86	40.778	26.05		7.88	1.1	0.939	
1123	3/25/2009 7:16	11.81	40.415	25.79		7.92	1.8	1.012	
1124	3/25/2009 7:31	11.79	40.207	25.64		7.9	1.9	1.09	
1125	3/25/2009 7:46	11.77	40.209	25.64		7.9	1.6	1.176	
1126	3/25/2009 8:01	11.75	40.312	25.71		7.91	1.4	1.255	
1127	3/25/2009 8:16	11.69	40.527	25.86		7.94	1.6	1.33	
1128	3/25/2009 8:31	11.59	40.953	26.16		7.93	1.4	1.421	
1129	3/25/2009 8:46	11.51	41.347	26.44		7.93	1.6	1.503	
1130	3/25/2009 9:01	11.46	41.804	26.76		7.9	1.4	1.58	
1131	3/25/2009 9:16	11.38	42.068	26.94		7.95	1.8	1.665	
1132	3/25/2009 9:31	11.31	42.162	27		7.94	1.6	1.743	
1133	3/25/2009 9:46	11.24	42.532	27.26		7.94	1.7	1.82	
1134	3/25/2009 10:01	11.16	42.713	27.39		7.95	1.6	1.895	
1135	3/25/2009 10:16	11.08	43.124	27.67		7.95	1.5	1.97	
1136	3/25/2009 10:31	10.98	44.116	28.38		7.95	1.3	2.047	
1137	3/25/2009 10:46	10.91	44.61	28.72		7.95	1.2	2.111	
1138	3/25/2009 11:01	10.87	44.941	28.96		7.95	1.1	2.179	
1139	3/25/2009 11:16	10.81	45.162	29.11		7.94	1	2.244	
1140	3/25/2009 11:31	10.75	45.389	29.27		7.95	0.9	2.299	
1141	3/25/2009 11:46	10.68	45.548	29.38		7.94	0.6	2.337	
1142	3/25/2009 12:01	10.63	45.536	29.37		7.93	0.5	2.363	
1143	3/25/2009 12:16	10.6	45.76	29.53		7.93	0.5	2.374	
1144	3/25/2009 12:31	10.59	45.605	29.42		7.93	0.5	2.361	
1145	3/25/2009 12:46	10.6	45.435	29.3		7.92	0.4	2.326	
1146	3/25/2009 13:01	10.6	45.191	29.12		7.88	0.4	2.274	
1147	3/25/2009 13:16	10.75	44.971	28.97		7.93	0.7	2.186	
1148	3/25/2009 13:31	10.91	44.69	28.78		7.93	0.9	2.109	
1149	3/25/2009 13:46	11.01	43.997	28.29		7.93	1	2.021	
1150	3/25/2009 14:01	11.08	42.947	27.55		7.94	1.5	1.901	
1151	3/25/2009 14:16	11.16	42.544	27.27		7.93	1.3	1.795	

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	Depthn meters	DO%
1152	3/25/2009 14:31	11.23	42.35	27.13		7.92	1.2	1.711	
1153	3/25/2009 14:46	11.3	41.997	26.89		7.91	1.1	1.578	
1154	3/25/2009 15:01	11.35	41.461	26.51		7.9	1	1.469	
1155	3/25/2009 15:16	11.42	40.893	26.11		7.89	1	1.364	
1156	3/25/2009 15:31	11.5	40.516	25.85		7.87	1.1	1.25	
1157	3/25/2009 15:46	11.57	40.384	25.76		7.86	1.1	1.135	
1158	3/25/2009 16:01	11.76	40.672	25.97		7.9	15.6	1.024	
1159	3/25/2009 16:16	11.8	40.446	25.81		7.86	3.9	0.912	
1160	3/25/2009 16:31	11.86	40.315	25.72		7.84	2.4	0.8	
1161	3/25/2009 16:46	11.91	40.276	25.7		7.84	2	0.723	
1162	3/25/2009 17:01	11.97	40.138	25.6		7.82	1.8	0.661	
1163	3/25/2009 17:16	12.04	39.506	25.16		7.81	2.5	0.586	
1164	3/25/2009 17:31	12.08	39.093	24.87		7.81	2.9	0.549	
1165	3/25/2009 17:46	12.11	38.738	24.62		7.8	3.1	0.533	
1166	3/25/2009 18:01	12.14	39.155	24.91		7.8	3	0.556	
1167	3/25/2009 18:16	12.16	39.312	25.03		7.79	2.7	0.569	
1168	3/25/2009 18:31	12.17	39.41	25.09		7.78	2.2	0.586	
1169	3/25/2009 18:46	12.22	40.127	25.6		7.68	0.4	0.678	
1170	3/25/2009 19:01	12.26	40.669	25.98		7.89	1.7	0.749	
1171	3/25/2009 19:16	12.22	40.153	25.62		7.96	2	0.815	
1172	3/25/2009 19:31	12.19	40.063	25.55		7.95	1.7	0.892	
1173	3/25/2009 19:46	12.14	39.958	25.48		7.95	1.8	1.002	
1174	3/25/2009 20:01	12.13	39.976	25.49		7.95	1.4	1.088	
1175	3/25/2009 20:16	12.03	40.12	25.59		7.98	1.8	1.176	
1176	3/25/2009 20:31	11.96	40.253	25.68		7.94	1.3	1.265	
1177	3/25/2009 20:46	11.85	40.822	26.08		7.97	2	1.358	
1178	3/25/2009 21:01	11.81	40.905	26.13		7.95	1.6	1.467	
1179	3/25/2009 21:16	11.72	41.371	26.46		7.98	1.8	1.553	
1180	3/25/2009 21:31	11.6	42.209	27.05		7.96	1.3	1.634	
1181	3/25/2009 21:46	11.53	42.889	27.53		7.98	1.3	1.737	
1182	3/25/2009 22:01	11.44	43.495	27.95		7.97	1.5	1.816	
1183	3/25/2009 22:16	11.3	43.969	28.29		8.23	1.7	1.906	
1184	3/25/2009 22:31	11.22	44.13	28.4		7.97	1.6	1.987	
1185	3/25/2009 22:46	11.11	44.556	28.69		7.97	1.7	2.079	
1186	3/25/2009 23:01	11.03	44.845	28.9		7.97	1.6	2.161	
1187	3/25/2009 23:16	10.91	45.232	29.17		7.97	1.5	2.241	
1188	3/25/2009 23:31	10.74	45.884	29.62		7.96	1.4	2.307	
1189	3/25/2009 23:46	10.54	46.563	30.1		7.95	1.3	2.381	
1190	3/26/2009 0:01	10.45	47.006	30.41		7.94	1.1	2.439	
1191	3/26/2009 0:16	10.43	47.108	30.48		8.2	0.9	2.462	
1192	3/26/2009 0:31	10.42	47.003	30.41		7.93	0.8	2.481	
1193	3/26/2009 0:46	10.41	47.173	30.53		7.93	0.8	2.485	
1194	3/26/2009 1:01	10.42	46.977	30.39		7.93	0.9	2.45	
1195	3/26/2009 1:16	10.44	46.681	30.18		7.92	0.5	2.395	
1196	3/26/2009 1:31	10.54	46.064	29.74		7.93	0.7	2.313	
1197	3/26/2009 1:46	10.67	45.259	29.17		7.96	1	2.221	
1198	3/26/2009 2:01	10.72	44.736	28.8		7.94	1	2.141	
1199	3/26/2009 2:16	10.78	44.448	28.6		7.96	1.3	2.018	

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	Depthn meters	DO%
1200	3/26/2009 2:31	10.82	43.923	28.23		7.97	1.1	1.904	
1201	3/26/2009 2:46	10.89	43.529	27.95		7.96	1	1.813	
1202	3/26/2009 3:01	10.95	42.954	27.55		7.95	0.9	1.725	
1203	3/26/2009 3:16	11.02	41.756	26.7		7.95	1.1	1.585	
1204	3/26/2009 3:31	11.07	41.212	26.32		7.95	1.1	1.467	
1205	3/26/2009 3:46	11.14	40.894	26.1		7.94	1	1.349	
1206	3/26/2009 4:01	11.21	40.519	25.84		7.93	1	1.227	
1207	3/26/2009 4:16	11.26	40.241	25.65		7.91	1.1	1.116	
1208	3/26/2009 4:31	11.3	40.091	25.54		7.9	1.1	0.989	
1209	3/26/2009 4:46	11.36	39.977	25.46		7.87	1.1	0.88	
1210	3/26/2009 5:01	11.42	40.011	25.49		7.89	1.1	0.781	
1211	3/26/2009 5:16	11.49	40.02	25.5		7.88	1.3	0.692	
1212	3/26/2009 5:31	11.54	39.729	25.3		7.84	1.8	0.603	
1213	3/26/2009 5:46	11.59	39.105	24.86		7.82	2.8	0.542	
1214	3/26/2009 6:01	11.64	38.329	24.32		7.81	3.4	0.498	
1215	3/26/2009 6:16	11.67	37.903	24.02		7.8	3.6	0.476	
1216	3/26/2009 6:31	11.68	38.408	24.38		7.79	3.2	0.505	
1217	3/26/2009 6:46	11.71	38.5	24.44		7.79	3.3	0.51	
1218	3/26/2009 7:01	11.71	39.035	24.82		7.78	2.1	0.554	
1219	3/26/2009 7:16	11.74	39.671	25.26		7.68	0.6	0.635	
1220	3/26/2009 7:31	11.78	40.081	25.55		7.65	0.8	0.678	
1221	3/26/2009 7:46	11.81	40.962	26.17		7.88	2.3	0.769	
1222	3/26/2009 8:01	11.78	40.756	26.03		7.89	2.5	0.858	
1223	3/26/2009 8:16	11.75	40.762	26.03		7.91	2.1	0.943	
1224	3/26/2009 8:31	11.74	40.645	25.95		7.91	2	1.038	
1225	3/26/2009 8:46	11.72	40.775	26.04		7.92	1.6	1.115	
1226	3/26/2009 9:01	11.66	40.862	26.1		7.93	1.6	1.217	
1227	3/26/2009 9:16	11.58	41.283	26.39		7.93	1.6	1.314	
1228	3/26/2009 9:31	11.52	41.536	26.57		7.92	1.6	1.403	
1229	3/26/2009 9:46	11.45	42.094	26.96		7.95	1.8	1.494	
1230	3/26/2009 10:01	11.39	42.231	27.06		7.95	1.6	1.585	
1231	3/26/2009 10:16	11.32	42.641	27.34		7.95	1.8	1.666	
1232	3/26/2009 10:31	11.25	42.61	27.32		7.93	1.7	1.743	
1233	3/26/2009 10:46	11.18	42.957	27.56		7.93	1.5	1.83	
1234	3/26/2009 11:01	11.13	43.477	27.93		7.95	1.5	1.912	
1235	3/26/2009 11:16	11.07	43.92	28.24		7.94	1	1.987	
1236	3/26/2009 11:31	10.95	44.79	28.85		8.19	1	2.06	
1237	3/26/2009 11:46	10.89	44.926	28.95		7.93	1.1	2.122	
1238	3/26/2009 12:01	10.78	45.211	29.15		7.92	0.9	2.196	
1239	3/26/2009 12:16	10.66	45.42	29.29		7.9	1	2.264	
1240	3/26/2009 12:31	10.59	45.852	29.59		7.91	1	2.288	
1241	3/26/2009 12:46	10.49	46.209	29.84		7.9	0.9	2.334	
1242	3/26/2009 13:01	10.44	46.312	29.91		7.89	0.6	2.347	
1243	3/26/2009 13:16	10.46	46.049	29.73		7.9	0.7	2.323	
1244	3/26/2009 13:31	10.49	45.657	29.45		7.88	0.4	2.288	
1245	3/26/2009 13:46	10.52	45.431	29.29		7.87	0.2	2.231	
1246	3/26/2009 14:01	10.73	45.026	29.01		7.91	0.5	2.166	
1247	3/26/2009 14:16	11	44.782	28.85		7.92	0.7	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	Depthn meters	DO%
1248	3/26/2009 14:31	11.14	43.817	28.17		7.93	0.9	1.966	
1249	3/26/2009 14:46	11.25	43.195	27.73		7.93	1.2	1.869	
1250	3/26/2009 15:01	11.36	42.905	27.53		7.92	1.2	1.766	
1251	3/26/2009 15:16	11.5	42.616	27.33		7.92	1.2	1.671	
1252	3/26/2009 15:31	11.64	42.348	27.15		7.92	1.1	1.56	
1253	3/26/2009 15:46	11.78	42.008	26.91		7.91	1	1.462	
1254	3/26/2009 16:01	11.92	41.616	26.64		7.9	1.1	1.349	
1255	3/26/2009 16:16	12.05	41.063	26.25		7.89	1.1	1.229	
1256	3/26/2009 16:31	12.18	40.846	26.11		7.88	1.1	1.127	
1257	3/26/2009 16:46	12.3	40.593	25.93		7.84	1.1	1.015	
1258	3/26/2009 17:01	12.41	40.579	25.92		7.84	1.1	0.921	
1259	3/26/2009 17:16	12.53	40.581	25.93		7.82	1.1	0.838	
1260	3/26/2009 17:31	12.61	40.351	25.77		7.8	1.1	0.75	
1261	3/26/2009 17:46	12.67	39.89	25.45		7.77	1.2	0.688	
1262	3/26/2009 18:01	12.73	39.897	25.45		7.79	1.4	0.655	
1263	3/26/2009 18:16	12.77	39.402	25.11		7.77	1.6	0.6	
1264	3/26/2009 18:31	12.81	39.407	25.11		7.76	1.6	0.598	
1265	3/26/2009 18:46	12.83	39.518	25.19		7.73	1.6	0.612	
1266	3/26/2009 19:01	12.85	39.848	25.42		7.73	0.9	0.661	
1267	3/26/2009 19:16	12.9	40.318	25.75		7.7	0.2	0.713	
1268	3/26/2009 19:31	12.96	40.448	25.85		7.69	0.6	0.767	
1269	3/26/2009 19:46	13	41.041	26.27		7.98	1.8	0.871	
1270	3/26/2009 20:01	12.99	41.085	26.3		8.02	1.8	0.951	
1271	3/26/2009 20:16	12.94	41.194	26.37		8.02	2.4	1.034	
1272	3/26/2009 20:31	12.93	40.888	26.16		8.02	2.4	1.134	
1273	3/26/2009 20:46	12.92	40.92	26.18		7.98	2	1.234	
1274	3/26/2009 21:01	12.88	40.928	26.18		7.96	1.4	1.329	
1275	3/26/2009 21:16	12.74	41.448	26.55		8	1.8	1.424	
1276	3/26/2009 21:31	12.6	41.851	26.83		7.99	1.6	1.512	
1277	3/26/2009 21:46	12.36	42.34	27.17		8	1.9	1.605	
1278	3/26/2009 22:01	12.18	42.664	27.39		8	1.9	1.697	
1279	3/26/2009 22:16	12.01	42.877	27.54		7.96	1.8	1.778	
1280	3/26/2009 22:31	11.84	43.289	27.82		7.98	1.6	1.87	
1281	3/26/2009 22:46	11.59	44.299	28.53		7.97	1.4	1.957	
1282	3/26/2009 23:01	11.41	44.818	28.9		7.94	1.5	2.04	
1283	3/26/2009 23:16	11.26	45.325	29.25		7.93	1.8	2.136	
1284	3/26/2009 23:31	11.16	45.672	29.49		7.95	1.7	2.218	
1285	3/26/2009 23:46	11.02	45.761	29.55		7.92	1.5	2.29	
1286	3/27/2009 0:01	10.74	46.538	30.09		7.91	1.6	2.375	
1287	3/27/2009 0:16	10.62	47.277	30.62		7.93	1.4	2.431	
1288	3/27/2009 0:31	10.54	47.446	30.73		7.92	1.2	2.482	
1289	3/27/2009 0:46	10.49	47.602	30.84		7.91	0.9	2.524	
1290	3/27/2009 1:01	10.46	47.751	30.95		7.9	0.8	2.544	
1291	3/27/2009 1:16	10.46	47.638	30.87		7.9	0.7	2.534	
1292	3/27/2009 1:31	10.47	47.526	30.79		7.91	0.7	2.498	
1293	3/27/2009 1:46	10.48	47.097	30.48		7.9	0.5	2.445	
1294	3/27/2009 2:01	10.57	46.517	30.07		7.93	0.8	2.354	
1295	3/27/2009 2:16	10.69	45.917	29.65		7.95	1.1	2.271	

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	Depthn meters	DO%
1296	3/27/2009 2:31	10.78	45.357	29.25		7.93	1.1	2.156	
1297	3/27/2009 2:46	10.86	45.058	29.04		7.96	1.2	2.047	
1298	3/27/2009 3:01	10.93	44.207	28.44		7.96	1.2	1.947	
1299	3/27/2009 3:16	11.01	43.179	27.71		7.94	1.2	1.828	
1300	3/27/2009 3:31	11.1	42.76	27.42		7.97	1.1	1.704	
1301	3/27/2009 3:46	11.2	42.335	27.12		7.97	1.1	1.589	
1302	3/27/2009 4:01	11.31	41.793	26.74		7.96	1	1.469	
1303	3/27/2009 4:16	11.41	41.25	26.36		7.96	1	1.346	
1304	3/27/2009 4:31	11.51	41.122	26.28		7.95	1.1	1.221	
1305	3/27/2009 4:46	11.58	41.002	26.19		7.95	1.2	1.072	
1306	3/27/2009 5:01	11.66	40.988	26.19		7.94	1.1	0.948	
1307	3/27/2009 5:16	11.75	40.972	26.18		7.92	1	0.82	
1308	3/27/2009 5:31	11.83	40.253	25.68		7.82	1.1	0.688	
1309	3/27/2009 5:46	11.88	39.403	25.08		7.79	2.2	0.582	
1310	3/27/2009 6:01	11.96	37.655	23.86		7.8	4.2	0.488	
1311	3/27/2009 6:16	12.01	34.452	21.64		7.81	5.6	0.393	
1312	3/27/2009 6:31	12.04	33.709	21.13		7.83	5.4	0.328	
1313	3/27/2009 6:46	12.08	33.404	20.92		7.83	5.4	0.296	
1314	3/27/2009 7:01	12.11	33.401	20.92		7.81	5.2	0.281	
1315	3/27/2009 7:16	12.14	33.607	21.06		7.81	5.1	0.302	
1316	3/27/2009 7:31	12.15	33.997	21.33		7.79	5.1	0.354	
1317	3/27/2009 7:46	12.16	34.565	21.72		7.79	5.1	0.404	
1318	3/27/2009 8:01	12.18	37.216	23.56		7.71	1.5	0.476	
1319	3/27/2009 8:16	12.23	38.904	24.74		7.57	0.9	0.551	
1320	3/27/2009 8:31	12.25	40.424	25.81		7.88	3.5	0.635	
1321	3/27/2009 8:46	12.23	40.356	25.76		7.92	3.4	0.727	
1322	3/27/2009 9:01	12.23	40.308	25.73		7.92	3	0.799	
1323	3/27/2009 9:16	12.23	40.433	25.82		7.93	2.6	0.901	
1324	3/27/2009 9:31	12.22	40.51	25.87		8.19	2.3	0.992	
1325	3/27/2009 9:46	12.17	40.903	26.15		7.95	2	1.091	
1326	3/27/2009 10:01	12.04	41.67	26.68		8.21	2.5	1.199	
1327	3/27/2009 10:16	12.01	41.491	26.56		8.21	3.1	1.284	
1328	3/27/2009 10:31	11.99	41.264	26.39		7.95	2.6	1.389	
1329	3/27/2009 10:46	11.87	41.997	26.91		7.96	2	1.494	
1330	3/27/2009 11:01	11.73	43.21	27.76		7.96	1.7	1.58	
1331	3/27/2009 11:16	11.65	43.412	27.9		7.96	2.2	1.664	
1332	3/27/2009 11:31	11.64	43.461	27.94		7.95	1.8	1.75	
1333	3/27/2009 11:46	11.54	43.782	28.16		7.95	1.4	1.836	
1334	3/27/2009 12:01	11.42	44.589	28.73		7.94	1.4	1.912	
1335	3/27/2009 12:16	11.36	44.657	28.78		7.94	1.1	1.977	
1336	3/27/2009 12:31	11.25	45.09	29.08		7.93	1.2	2.055	
1337	3/27/2009 12:46	11.12	45.374	29.28		7.92	1.1	2.117	
1338	3/27/2009 13:01	10.99	45.773	29.56		7.91	1	2.167	
1339	3/27/2009 13:16	10.87	45.986	29.7		7.9	0.9	2.202	
1340	3/27/2009 13:31	10.76	46.322	29.94		7.88	0.8	2.235	
1341	3/27/2009 13:46	10.71	46.43	30.01		7.87	0.7	2.244	
1342	3/27/2009 14:01	10.73	46.136	29.8		7.87	0.6	2.212	
1343	3/27/2009 14:16	10.76	45.63	29.44		7.84	0.5	2.182	

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
	Mean	11.34	43.37	27.86		7.89	0.94	1.57
	Minimum	10.05	33.40	20.92		7.52	0.00	0.28
	Maximum	13.29	49.03	31.85		8.23	15.60	2.77
	Standard Dev.	0.64	2.16	1.52		0.08	1.02	0.56

Prior to housing replacement on 4/29/09, D.O. values suppressed during very low tide events in the months of March and April due to significant fouling of housing near probes (biota consuming all oxygen in low water levels with low flows)

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

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
0	3/27/2009 14:46	11.4	43.581	28.01		7.94		2.019	
1	3/27/2009 15:01	11.71	43.122	27.7		7.93		1.954	
2	3/27/2009 15:16	11.86	41.897	26.84		7.93	7.9	1.846	
3	3/27/2009 15:31	11.95	42.057	26.95		7.92	6	1.751	
4	3/27/2009 15:46	12.06	41.987	26.91		7.92	5	1.672	
5	3/27/2009 16:01	12.17	41.767	26.76		7.92	4.8	1.559	
6	3/27/2009 16:16	12.22	41.404	26.5		7.92	4.8	1.464	
7	3/27/2009 16:31	12.33	40.961	26.19		7.92	4.2	1.353	
8	3/27/2009 16:46	12.45	40.601	25.94		7.93	3.4	1.262	
9	3/27/2009 17:01	12.59	40.048	25.56		7.93	3.3	1.155	
10	3/27/2009 17:16	12.71	39.621	25.26		7.89	3.1	1.053	
11	3/27/2009 17:31	12.82	39.272	25.02		7.91	3.1	0.97	
12	3/27/2009 17:46	12.9	38.935	24.78		7.89	3.4	0.881	
13	3/27/2009 18:01	12.98	38.667	24.6		7.88	3.9	0.794	
14	3/27/2009 18:16	13.06	38.525	24.5		7.87	4	0.749	
15	3/27/2009 18:31	13.14	38.434	24.44		7.87	4	0.713	
16	3/27/2009 18:46	13.22	38.321	24.36		7.87	4.1	0.677	
17	3/27/2009 19:01	13.27	38.315	24.36		7.87	4	0.677	
18	3/27/2009 19:16	13.29	38.103	24.21		7.86	3.5	0.71	
19	3/27/2009 19:31	13.31	38.46	24.46		7.82	2.3	0.737	
20	3/27/2009 19:46	13.33	38.401	24.42		7.77	1.4	0.77	
21	3/27/2009 20:01	13.41	38.911	24.78		7.65	1	0.847	
22	3/27/2009 20:16	13.55	40.43	25.85		7.99	2.9	0.934	
23	3/27/2009 20:31	13.51	40.567	25.95		8.04	4.2	1.002	
24	3/27/2009 20:46	13.55	40.407	25.83		8.06	3.5	1.082	
25	3/27/2009 21:01	13.57	40.231	25.71		8.07	3.9	1.183	
26	3/27/2009 21:16	13.55	40.079	25.6		8.06	3.7	1.292	
27	3/27/2009 21:31	13.5	40.096	25.61		8.05	3.1	1.373	
28	3/27/2009 21:46	13.24	40.739	26.06		8.06	3.1	1.468	
29	3/27/2009 22:01	12.94	41.449	26.56		8.06	2.9	1.561	
30	3/27/2009 22:16	12.75	41.759	26.77		8.08	2.9	1.65	
31	3/27/2009 22:31	12.58	42.18	27.06		8.05	2.6	1.736	
32	3/27/2009 22:46	12.32	42.831	27.52		8.05	2.6	1.832	
33	3/27/2009 23:01	11.98	43.667	28.1		8.03	2.3	1.923	
34	3/27/2009 23:16	11.61	44.652	28.79		8	2.2	2.02	
35	3/27/2009 23:31	11.46	45.016	29.04		8	2.3	2.093	
36	3/27/2009 23:46	11.26	45.427	29.32		8.16	2.2	2.182	
37	3/28/2009 0:01	11.14	45.667	29.49		8.17	2.3	2.281	
38	3/28/2009 0:16	11.01	45.749	29.54		7.96	2.2	2.351	
39	3/28/2009 0:31	10.82	46.308	29.93		7.95	2.1	2.435	
40	3/28/2009 0:46	10.59	46.894	30.34		7.97	2.1	2.514	
41	3/28/2009 1:01	10.49	47.134	30.51		7.93	1.6	2.553	
42	3/28/2009 1:16	10.45	47.227	30.57		7.92	1.6	2.587	
43	3/28/2009 1:31	10.43	47.262	30.6		7.92	1.5	2.596	
44	3/28/2009 1:46	10.42	47.271	30.6		7.94	1.4	2.592	
45	3/28/2009 2:01	10.43	47.153	30.52		7.76	1.5	2.56	
46	3/28/2009 2:16	10.46	46.841	30.3		7.92	1.2	2.5	
47	3/28/2009 2:31	10.59	46.255	29.88		7.92	1.5	2.409	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
48	3/28/2009 2:46	10.67	45.919	29.65		7.94	1.6	2.32	
49	3/28/2009 3:01	10.75	45.557	29.39		7.96	1.8	2.204	
50	3/28/2009 3:16	10.83	45.208	29.15		7.98	1.7	2.104	
51	3/28/2009 3:31	10.94	44.324	28.52		7.95	1.9	1.974	
52	3/28/2009 3:46	11.08	43.354	27.84		7.99	2.1	1.853	
53	3/28/2009 4:01	11.2	42.544	27.27		8	2	1.732	
54	3/28/2009 4:16	11.31	41.992	26.88		8	2	1.614	
55	3/28/2009 4:31	11.47	41.39	26.46		7.99	2.3	1.489	
56	3/28/2009 4:46	11.6	40.583	25.9		8	2.4	1.345	
57	3/28/2009 5:01	11.73	40.382	25.76		7.99	2.2	1.22	
58	3/28/2009 5:16	11.85	40.326	25.73		8	2.3	1.096	
59	3/28/2009 5:31	11.96	40.134	25.6		7.96	2.5	0.94	
60	3/28/2009 5:46	12.07	39.272	24.99		7.89	2	0.803	
61	3/28/2009 6:01	12.17	38.578	24.51		7.84	2.9	0.673	
62	3/28/2009 6:16	12.25	38.247	24.28		7.84	3.7	0.552	
63	3/28/2009 6:31	12.31	38.012	24.12		7.86	4.3	0.43	
64	3/28/2009 6:46	12.36	37.964	24.09		7.86	4.9	0.323	
65	3/28/2009 7:01	12.42	37.959	24.09		7.85	5.1	0.228	
66	3/28/2009 7:16								
67	3/28/2009 7:31								
68	3/28/2009 7:46								
69	3/28/2009 8:01	12.65	37.962	24.09		7.82	4.2	0.209	
70	3/28/2009 8:16	12.72	37.958	24.09		7.78	5.9	0.26	
71	3/28/2009 8:31	12.72	37.984	24.11		7.76	3.4	0.329	
72	3/28/2009 8:46	12.76	38.022	24.14		7.73	2.4	0.407	
73	3/28/2009 9:01	12.88	39.15	24.93		7.86	5.1	0.473	
74	3/28/2009 9:16	12.89	39.803	25.39		8.04	5.1	0.586	
75	3/28/2009 9:31	12.89	39.865	25.43		8.03	4.3	0.649	
76	3/28/2009 9:46	12.88	39.854	25.43		8.01	3.7	0.748	
77	3/28/2009 10:01	12.87	40.012	25.54		8.03	4.2	0.843	
78	3/28/2009 10:16	12.81	40.358	25.78		8.03	3.5	0.925	
79	3/28/2009 10:31	12.66	41.127	26.32		8.02	3.3	1.023	
80	3/28/2009 10:46	12.51	41.559	26.62		8.03	3.8	1.112	
81	3/28/2009 11:01	12.5	41.533	26.6		8.03	3.6	1.215	
82	3/28/2009 11:16	12.35	42.069	26.98		8.02	3.4	1.314	
83	3/28/2009 11:31	12.26	42.35	27.17		8.03	4.6	1.424	
84	3/28/2009 11:46	12.24	42.339	27.16		8.05	3.5	1.497	
85	3/28/2009 12:01	12.17	42.402	27.21		8.02	3.5	1.587	
86	3/28/2009 12:16	12.02	42.901	27.55		8.01	3.1	1.68	
87	3/28/2009 12:31	11.86	43.671	28.1		8.01	2.8	1.754	
88	3/28/2009 12:46	11.78	44.029	28.35		8	2.9	1.828	
89	3/28/2009 13:01	11.67	44.292	28.53		7.99	2.9	1.909	
90	3/28/2009 13:16	11.53	44.582	28.73		7.99	2.7	1.985	
91	3/28/2009 13:31	11.37	44.941	28.98		7.98	2.4	2.032	
92	3/28/2009 13:46	11.16	45.365	29.27		7.97	2.3	2.087	
93	3/28/2009 14:01	10.93	45.951	29.68		7.94	2.2	2.14	
94	3/28/2009 14:16	10.86	46.205	29.86		7.94	2	2.166	
95	3/28/2009 14:31	10.84	46.31	29.93		7.93	1.6	2.178	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
96	3/28/2009 14:46	10.84	46.309	29.93		7.93	1.7	2.169	
97	3/28/2009 15:01	10.87	46.097	29.78		7.94	1.6	2.145	
98	3/28/2009 15:16	10.94	45.666	29.48		7.94	1.4	2.106	
99	3/28/2009 15:31	11.1	45.077	29.07		7.94	1.4	2.033	
100	3/28/2009 15:46	11.44	44.608	28.75		7.95	1.9	1.958	
101	3/28/2009 16:01	11.68	44.324	28.55		7.96	1.8	1.889	
102	3/28/2009 16:16	11.88	44	28.33		7.96	1.8	1.79	
103	3/28/2009 16:31	11.97	43.366	27.88		7.96	1.8	1.695	
104	3/28/2009 16:46	12.08	42.772	27.47		7.96	2	1.61	
105	3/28/2009 17:01	12.26	42.471	27.26		7.96	2.1	1.519	
106	3/28/2009 17:16	12.43	42.426	27.23		7.98	2.3	1.439	
107	3/28/2009 17:31	12.63	42.135	27.03		7.98	2.3	1.331	
108	3/28/2009 17:46	12.78	41.919	26.88		8	2.3	1.249	
109	3/28/2009 18:01	12.9	41.651	26.7		7.99	2.1	1.145	
110	3/28/2009 18:16	13	41.417	26.53		7.97	2.2	1.048	
111	3/28/2009 18:31	13.1	41.199	26.38		7.97	2.1	1.01	
112	3/28/2009 18:46	13.17	40.75	26.07		7.96	2.3	0.939	
113	3/28/2009 19:01	13.24	40.431	25.84		7.95	2.5	0.888	
114	3/28/2009 19:16	13.31	40.3	25.75		7.94	2.9	0.864	
115	3/28/2009 19:31	13.37	40.094	25.61		7.94	2.9	0.824	
116	3/28/2009 19:46	13.4	40.161	25.66		7.93	2.7	0.841	
117	3/28/2009 20:01	13.44	40.343	25.79		7.92	2.1	0.872	
118	3/28/2009 20:16	13.49	40.448	25.86		7.89	1.6	0.894	
119	3/28/2009 20:31	13.69	40.914	26.2		7.94	1.3	0.966	
120	3/28/2009 20:46	13.66	41.254	26.44		8.05	1.2	1.038	
121	3/28/2009 21:01	13.53	41.609	26.68		8.1	2.5	1.123	
122	3/28/2009 21:16	13.52	41.629	26.7		8.1	2.3	1.201	
123	3/28/2009 21:31	13.5	41.663	26.72		8.11	2.6	1.306	
124	3/28/2009 21:46	13.37	41.865	26.86		8.09	2.1	1.401	
125	3/28/2009 22:01	12.85	43.083	27.71		8.05	3.1	1.485	
126	3/28/2009 22:16	12.76	43.192	27.79		8.06	2.7	1.574	
127	3/28/2009 22:31	12.58	43.469	27.98		8.05	2.7	1.66	
128	3/28/2009 22:46	12.29	44.022	28.36		8.03	2.6	1.774	
129	3/28/2009 23:01	12.04	44.602	28.77		7.99	2.6	1.855	
130	3/28/2009 23:16	11.72	45.269	29.23		8	2.3	1.94	
131	3/28/2009 23:31	11.47	45.748	29.56		7.97	2.4	2.026	
132	3/28/2009 23:46	11.26	46.12	29.82		7.96	2.7	2.123	
133	3/29/2009 0:01	11.13	46.34	29.97		7.98	2.9	2.219	
134	3/29/2009 0:16	11.05	46.489	30.07		7.96	3.1	2.302	
135	3/29/2009 0:31	10.94	46.654	30.19		7.95	2.9	2.373	
136	3/29/2009 0:46	10.77	46.933	30.38		7.93	2.5	2.464	
137	3/29/2009 1:01	10.56	47.319	30.64		7.91	2.6	2.532	
138	3/29/2009 1:16	10.41	47.587	30.83		7.91	2.2	2.586	
139	3/29/2009 1:31	10.3	47.809	30.98		7.88	2	2.646	
140	3/29/2009 1:46	10.24	47.896	31.04		7.86	1.6	2.683	
141	3/29/2009 2:01	10.21	47.908	31.05		7.86	1.1	2.684	
142	3/29/2009 2:16	10.21	47.867	31.02		7.85	0.9	2.667	
143	3/29/2009 2:31	10.23	47.758	30.94		7.87	0.9	2.636	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
144	3/29/2009 2:46	10.25	47.561	30.8		7.87	2	2.573	
145	3/29/2009 3:01	10.22	47.451	30.72		7.89	1.9	2.498	
146	3/29/2009 3:16	10.21	47.268	30.59		7.89	1.6	2.415	
147	3/29/2009 3:31	10.23	46.962	30.37		7.91	2	2.314	
148	3/29/2009 3:46	10.47	46.43	30		7.91	3.1	2.197	
149	3/29/2009 4:01	10.54	46.133	29.79		7.95	2.4	2.11	
150	3/29/2009 4:16	10.55	45.558	29.38		7.95	1.8	1.986	
151	3/29/2009 4:31	10.56	44.789	28.83		7.98	1.8	1.865	
152	3/29/2009 4:46	10.63	43.968	28.25		8	2.1	1.731	
153	3/29/2009 5:01	10.75	43.425	27.87		8	2	1.613	
154	3/29/2009 5:16	10.93	42.826	27.46		8.01	2.4	1.479	
155	3/29/2009 5:31	11.1	42.135	26.98		8.01	3.7	1.321	
156	3/29/2009 5:46	11.27	41.777	26.73		8.02	4.5	1.193	
157	3/29/2009 6:01	11.42	41.352	26.44		8.01	4	1.065	
158	3/29/2009 6:16	11.49	40.782	26.04		8.01	2.5	0.918	
159	3/29/2009 6:31	11.57	40.232	25.65		7.94	2.3	0.768	
160	3/29/2009 6:46	11.62	39.739	25.31		7.91	2.4	0.647	
161	3/29/2009 7:01	11.69	39.127	24.88		7.89	2.9	0.496	
162	3/29/2009 7:16	11.7	38.657	24.55		7.86	3.3	0.366	
163	3/29/2009 7:31	11.72	38.535	24.47		7.86	3.5	0.267	
164	3/29/2009 7:46								
165	3/29/2009 8:01								
166	3/29/2009 8:16								
167	3/29/2009 8:31								
168	3/29/2009 8:46								
169	3/29/2009 9:01								
170	3/29/2009 9:16	12.03	38.946	24.76		7.76	2.6	0.252	
171	3/29/2009 9:31	12.09	39.224	24.96		7.78	1.8	0.319	
172	3/29/2009 9:46	12.13	39.333	25.04		7.78	1.5	0.392	
173	3/29/2009 10:01	12.17	39.593	25.22		7.79	1.5	0.457	
174	3/29/2009 10:16	12.26	40.642	25.96		7.94	5	0.534	
175	3/29/2009 10:31	12.27	40.926	26.16		8.03	5.9	0.616	
176	3/29/2009 10:46	12.28	40.961	26.19		8.01	4.8	0.699	
177	3/29/2009 11:01	12.28	41.104	26.29		8.02	4.1	0.789	
178	3/29/2009 11:16	12.24	41.413	26.51		8.01	3.7	0.893	
179	3/29/2009 11:31	12.08	42.186	27.05		8.01	4.6	0.982	
180	3/29/2009 11:46	11.88	42.901	27.55		7.99	4.9	1.1	
181	3/29/2009 12:01	11.77	43.237	27.78		8.02	5.9	1.189	
182	3/29/2009 12:16	11.77	43.142	27.72		8.02	5.6	1.291	
183	3/29/2009 12:31	11.73	43.2	27.76		8.02	5.8	1.405	
184	3/29/2009 12:46	11.69	43.308	27.83		8.02	5.2	1.488	
185	3/29/2009 13:01	11.65	43.456	27.93		7.99	4.9	1.57	
186	3/29/2009 13:16	11.63	43.605	28.04		8.01	4.6	1.655	
187	3/29/2009 13:31	11.6	43.76	28.15		8.01	4.3	1.726	
188	3/29/2009 13:46	11.57	43.882	28.23		7.99	3.9	1.793	
189	3/29/2009 14:01	11.5	44.111	28.4		7.97	3.1	1.847	
190	3/29/2009 14:16	11.4	44.469	28.65		7.96	2.8	1.907	
191	3/29/2009 14:31	11.35	44.628	28.76		7.94	2.4	1.948	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
192	3/29/2009 14:46	11.3	44.764	28.85		7.95	2.1	1.981	
193	3/29/2009 15:01	11.28	44.855	28.92		7.92	1.6	2	
194	3/29/2009 15:16	11.34	44.755	28.85		7.92	1.5	1.992	
195	3/29/2009 15:31	11.37	44.77	28.86		7.9	1.3	1.993	
196	3/29/2009 15:46	11.38	44.781	28.87		7.89	1.2	1.965	
197	3/29/2009 16:01	11.41	44.742	28.84		7.87	0.9	1.944	
198	3/29/2009 16:16	11.44	44.417	28.61		7.88	1	1.878	
199	3/29/2009 16:31	11.44	44.343	28.56		7.88	1.1	1.833	
200	3/29/2009 16:46	11.46	44.135	28.41		7.89	1.5	1.776	
201	3/29/2009 17:01	11.51	43.893	28.24		7.91	1.6	1.696	
202	3/29/2009 17:16	11.55	43.705	28.11		7.9	1.8	1.621	
203	3/29/2009 17:31	11.6	43.523	27.98		7.93	2.1	1.548	
204	3/29/2009 17:46	11.65	43.425	27.91		7.93	2.3	1.481	
205	3/29/2009 18:01	11.72	43.266	27.8		7.96	2.7	1.378	
206	3/29/2009 18:16	11.82	43.159	27.73		7.97	5.7	1.306	
207	3/29/2009 18:31	11.92	43.041	27.65		7.98	7	1.249	
208	3/29/2009 18:46	11.96	42.875	27.53		7.97	5.8	1.17	
209	3/29/2009 19:01	11.98	42.697	27.41		7.98	5.9	1.101	
210	3/29/2009 19:16	12	42.527	27.29		7.96	5.2	1.053	
211	3/29/2009 19:31	12.01	42.292	27.12		7.96	2.6	1.007	
212	3/29/2009 19:46	12.01	42.206	27.06		7.96	2.8	0.986	
213	3/29/2009 20:01	12.02	42.015	26.93		7.93	2.3	0.949	
214	3/29/2009 20:16	12.01	41.986	26.91		7.94	2.1	0.943	
215	3/29/2009 20:31	12.01	41.964	26.89		7.94	2	0.931	
216	3/29/2009 20:46	12.01	42.094	26.98		7.92	2.5	0.965	
217	3/29/2009 21:01	12.02	42.223	27.07		7.91	4.5	0.984	
218	3/29/2009 21:16	12.04	42.289	27.12		7.96	7.7	1.023	
219	3/29/2009 21:31	12.1	42.195	27.06		7.98	10	1.118	
220	3/29/2009 21:46	12.12	42.184	27.05		7.98	11	1.18	
221	3/29/2009 22:01	12.13	42.204	27.06		8	12	1.245	
222	3/29/2009 22:16	12.13	42.216	27.07		8.01	13.4	1.324	
223	3/29/2009 22:31	12.14	42.183	27.05		8.01	13.2	1.426	
224	3/29/2009 22:46	12.12	42.169	27.04		8	9.4	1.502	
225	3/29/2009 23:01	12.07	42.25	27.09		7.99	8.4	1.58	
226	3/29/2009 23:16	11.89	42.903	27.55		8	8.5	1.666	
227	3/29/2009 23:31	11.7	43.337	27.85		8	9	1.749	
228	3/29/2009 23:46	11.55	43.553	28		8.01	9.3	1.83	
229	3/30/2009 0:01	11.46	43.662	28.07		8.01	8.8	1.921	
230	3/30/2009 0:16	11.29	43.996	28.3		8	7.5	2.003	
231	3/30/2009 0:31	11.09	44.504	28.66		8	6.7	2.08	
232	3/30/2009 0:46	10.8	45.352	29.25		7.96	5.5	2.17	
233	3/30/2009 1:01	10.54	46.344	29.94		7.95	5.4	2.248	
234	3/30/2009 1:16	10.43	46.542	30.08		7.95	5.4	2.328	
235	3/30/2009 1:31	10.33	46.634	30.14		7.95	4.8	2.404	
236	3/30/2009 1:46	10.23	46.75	30.22		7.95	4.6	2.471	
237	3/30/2009 2:01	10.16	46.85	30.28		7.94	3.6	2.52	
238	3/30/2009 2:16	10.09	46.952	30.35		7.94	3.2	2.564	
239	3/30/2009 2:31	10.02	47.039	30.41		7.92	2.4	2.6	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
240	3/30/2009 2:46	10.01	47.033	30.41		7.91	2.5	2.597	
241	3/30/2009 3:01	10.01	47.001	30.38		7.91	2.6	2.576	
242	3/30/2009 3:16	10.04	46.851	30.28		7.92	2.9	2.541	
243	3/30/2009 3:31	10.09	46.697	30.17		7.92	3	2.484	
244	3/30/2009 3:46	10.19	46.55	30.07		7.92	3.1	2.399	
245	3/30/2009 4:01	10.29	46.349	29.93		7.94	3.5	2.295	
246	3/30/2009 4:16	10.36	45.895	29.61		7.95	4	2.208	
247	3/30/2009 4:31	10.41	44.826	28.85		7.97	3.8	2.1	
248	3/30/2009 4:46	10.46	44.125	28.36		7.98	4.2	1.988	
249	3/30/2009 5:01	10.51	43.76	28.1		7.95	4.3	1.877	
250	3/30/2009 5:16	10.54	43.413	27.85		7.96	4.3	1.753	
251	3/30/2009 5:31	10.56	42.871	27.47		7.97	4.3	1.637	
252	3/30/2009 5:46	10.59	42.466	27.19		7.98	4.5	1.5	
253	3/30/2009 6:01	10.62	42.411	27.15		7.97	4.7	1.381	
254	3/30/2009 6:16	10.66	42.333	27.1		7.95	4.6	1.241	
255	3/30/2009 6:31	10.68	42.302	27.07		7.96	4.3	1.095	
256	3/30/2009 6:46	10.7	42.096	26.93		7.95	3.2	0.961	
257	3/30/2009 7:01	10.72	41.41	26.45		7.94	2.4	0.799	
258	3/30/2009 7:16	10.73	40.861	26.06		7.91	2.4	0.667	
259	3/30/2009 7:31	10.67	40.274	25.65		7.88	2.5	0.53	
260	3/30/2009 7:46	10.57	40.034	25.47		7.87	2.6	0.403	
261	3/30/2009 8:01	10.57	40.047	25.48		7.87	2.9	0.287	
262	3/30/2009 8:16								
263	3/30/2009 8:31								
264	3/30/2009 8:46								
265	3/30/2009 9:01								
266	3/30/2009 9:16								
267	3/30/2009 9:31								
268	3/30/2009 9:46								
269	3/30/2009 10:01	10.59	40	25.45		7.83	2.1	0.239	
270	3/30/2009 10:16	10.61	40.03	25.47		7.79	1.6	0.301	
271	3/30/2009 10:31	10.63	40.043	25.48		7.77	1.5	0.352	
272	3/30/2009 10:46	10.67	40.105	25.53		7.66	1	0.418	
273	3/30/2009 11:01	10.73	40.412	25.75		7.58	2.1	0.493	
274	3/30/2009 11:16	10.8	41.714	26.66		7.79	2.9	0.534	
275	3/30/2009 11:31	10.82	42.342	27.11		7.91	3.4	0.614	
276	3/30/2009 11:46	10.83	42.459	27.19		7.93	2.9	0.702	
277	3/30/2009 12:01	10.88	42.564	27.27		7.97	5.6	0.788	
278	3/30/2009 12:16	10.88	42.642	27.32		7.96	4.5	0.885	
279	3/30/2009 12:31	10.86	43.063	27.62		7.97	6.8	0.987	
280	3/30/2009 12:46	10.93	43.133	27.67		7.99	6.2	1.094	
281	3/30/2009 13:01	10.97	43.134	27.68		7.94	6.6	1.197	
282	3/30/2009 13:16	10.96	43.296	27.79		7.93	5.4	1.29	
283	3/30/2009 13:31	10.96	43.613	28.02		7.97	5.6	1.391	
284	3/30/2009 13:46	11.05	43.696	28.08		7.98	5.1	1.477	
285	3/30/2009 14:01	11.05	44.004	28.3		7.97	4.3	1.552	
286	3/30/2009 14:16	10.87	44.621	28.73		7.95	3.9	1.622	
287	3/30/2009 14:31	10.82	44.907	28.93		7.96	4.2	1.7	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
288	3/30/2009 14:46	10.81	44.965	28.97		7.96	3.8	1.75	
289	3/30/2009 15:01	10.79	45.013	29.01		7.96	3.5	1.793	
290	3/30/2009 15:16	10.78	45.081	29.05		7.94	2.8	1.857	
291	3/30/2009 15:31	10.75	45.134	29.09		7.93	2.3	1.887	
292	3/30/2009 15:46	10.69	45.22	29.15		7.93	1.9	1.922	
293	3/30/2009 16:01	10.66	45.271	29.18		7.91	1.7	1.939	
294	3/30/2009 16:16	10.61	45.338	29.23		7.87	1.5	1.951	
295	3/30/2009 16:31	10.62	45.33	29.22		7.86	1.3	1.941	
296	3/30/2009 16:46	10.66	45.227	29.15		7.87	1.1	1.901	
297	3/30/2009 17:01	10.7	45.172	29.11		7.88	1.1	1.869	
298	3/30/2009 17:16	10.85	45.082	29.06		7.93	1.3	1.809	
299	3/30/2009 17:31	10.99	44.986	29		7.74	1.9	1.751	
300	3/30/2009 17:46	11.07	44.907	28.94		7.91	2.1	1.687	
301	3/30/2009 18:01	11.11	44.607	28.73		7.92	2.3	1.609	
302	3/30/2009 18:16	11.13	44.173	28.42		7.92	2.9	1.549	
303	3/30/2009 18:31	11.15	43.825	28.18		7.93	3.1	1.469	
304	3/30/2009 18:46	11.16	43.715	28.1		7.93	2.9	1.41	
305	3/30/2009 19:01	11.18	43.606	28.02		7.91	2.9	1.345	
306	3/30/2009 19:16	11.22	43.42	27.89		7.93	2.7	1.277	
307	3/30/2009 19:31	11.25	43.304	27.81		7.93	3	1.232	
308	3/30/2009 19:46	11.28	43.213	27.75		7.92	3.2	1.168	
309	3/30/2009 20:01	11.29	43.158	27.71		7.94	3.4	1.135	
310	3/30/2009 20:16	11.31	43.133	27.69		7.93	3.5	1.112	
311	3/30/2009 20:31	11.32	43.12	27.68		7.92	3.4	1.093	
312	3/30/2009 20:46	11.32	43.114	27.68		7.93	3.3	1.083	
313	3/30/2009 21:01	11.32	43.116	27.68		7.92	3.2	1.092	
314	3/30/2009 21:16	11.32	43.134	27.69		7.9	2	1.126	
315	3/30/2009 21:31	11.32	43.173	27.72		7.84	1.7	1.158	
316	3/30/2009 21:46	11.35	43.207	27.75		7.86	2.7	1.186	
317	3/30/2009 22:01	11.37	43.251	27.78		7.87	2.6	1.257	
318	3/30/2009 22:16	11.35	43.351	27.85		7.88	5.1	1.324	
319	3/30/2009 22:31	11.37	43.404	27.89		7.95	6.7	1.371	
320	3/30/2009 22:46	11.42	43.403	27.89		7.96	5.4	1.442	
321	3/30/2009 23:01	11.45	43.441	27.92		7.94	4.3	1.513	
322	3/30/2009 23:16	11.39	43.81	28.18		7.97	4.8	1.58	
323	3/30/2009 23:31	11.36	44.01	28.32		8	4.9	1.649	
324	3/30/2009 23:46	11.25	44.295	28.52		7.96	4.7	1.717	
325	3/31/2009 0:01	11.15	44.472	28.64		7.98	5.1	1.791	
326	3/31/2009 0:16	10.99	44.675	28.77		7.98	4.6	1.865	
327	3/31/2009 0:31	10.76	45.161	29.11		7.97	5.7	1.947	
328	3/31/2009 0:46	10.7	45.257	29.17		7.98	5	2.014	
329	3/31/2009 1:01	10.49	45.677	29.46		7.97	4.3	2.104	
330	3/31/2009 1:16	10.18	46.47	30.01		7.94	4.1	2.194	
331	3/31/2009 1:31	9.99	46.893	30.3		7.93	3.8	2.268	
332	3/31/2009 1:46	9.75	47.514	30.73		7.91	3.6	2.344	
333	3/31/2009 2:01	9.61	47.862	30.97		7.89	3.6	2.425	
334	3/31/2009 2:16	9.58	47.916	31.01		7.88	3.4	2.485	
335	3/31/2009 2:31	9.53	48.026	31.09		7.88	2.9	2.539	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
336	3/31/2009 2:46	9.48	48.114	31.15		7.86	2.6	2.579	
337	3/31/2009 3:01	9.42	48.186	31.19		7.86	2.3	2.614	
338	3/31/2009 3:16	9.4	48.212	31.21		7.85	2.3	2.621	
339	3/31/2009 3:31	9.39	48.192	31.2		7.86	2.1	2.602	
340	3/31/2009 3:46	9.39	48.143	31.16		7.86	2	2.584	
341	3/31/2009 4:01	9.42	48.057	31.1		7.85	1.7	2.545	
342	3/31/2009 4:16	9.55	47.852	30.96		7.87	2.3	2.462	
343	3/31/2009 4:31	9.73	47.49	30.72		7.88	2.7	2.379	
344	3/31/2009 4:46	9.81	47.191	30.51		7.89	2.9	2.313	
345	3/31/2009 5:01	9.88	46.589	30.08		7.94	2.9	2.198	
346	3/31/2009 5:16	9.9	45.807	29.52		7.93	2.5	2.101	
347	3/31/2009 5:31	9.94	45.421	29.25		7.93	2.5	2.008	
348	3/31/2009 5:46	9.99	44.997	28.95		7.93	2.6	1.894	
349	3/31/2009 6:01	10.02	44.602	28.67		7.94	2.6	1.771	
350	3/31/2009 6:16	10.06	44.316	28.47		7.93	2.4	1.658	
351	3/31/2009 6:31	10.1	43.864	28.15		7.93	2.3	1.532	
352	3/31/2009 6:46	10.16	43.598	27.97		7.91	2.5	1.41	
353	3/31/2009 7:01	10.21	43.485	27.89		7.88	2.2	1.299	
354	3/31/2009 7:16	10.26	43.338	27.79		7.89	2	1.152	
355	3/31/2009 7:31	10.29	43.141	27.65		8.09	2.3	1.008	
356	3/31/2009 7:46	10.33	42.982	27.54		7.87	2.2	0.892	
357	3/31/2009 8:01	10.39	42.639	27.3		7.88	2.2	0.747	
358	3/31/2009 8:16	10.43	42.313	27.07		7.85	1.9	0.611	
359	3/31/2009 8:31	10.44	41.293	26.35		7.8	1.8	0.494	
360	3/31/2009 8:46	10.41	40.477	25.78		7.82	2.5	0.38	
361	3/31/2009 9:01	10.42	40.369	25.7		7.81	2.6	0.289	
362	3/31/2009 9:16								
363	3/31/2009 9:31								
364	3/31/2009 9:46								
365	3/31/2009 10:01								
366	3/31/2009 10:16								
367	3/31/2009 10:31	10.57	40.378	25.71		7.78	2.3	0.216	
368	3/31/2009 10:46	10.69	40.746	25.98		7.7	3.4	0.257	
369	3/31/2009 11:01	10.71	40.789	26.01		7.69	2.7	0.31	
370	3/31/2009 11:16	10.73	40.788	26.01		7.69	2.1	0.364	
371	3/31/2009 11:31	10.76	40.81	26.03		7.68	1.8	0.418	
372	3/31/2009 11:46	10.88	41.457	26.49		7.72	1.8	0.47	
373	3/31/2009 12:01	10.89	41.584	26.58		7.72	1.4	0.537	
374	3/31/2009 12:16	10.89	42.544	27.26		7.83	1.7	0.612	
375	3/31/2009 12:31	10.87	42.838	27.46		7.86	2.1	0.673	
376	3/31/2009 12:46	10.87	43.208	27.73		7.93	2.6	0.75	
377	3/31/2009 13:01	10.91	43.275	27.77		7.93	3.5	0.844	
378	3/31/2009 13:16	10.87	43.35	27.83		7.95	3	0.93	
379	3/31/2009 13:31	10.77	43.629	28.02		7.94	2.4	1.005	
380	3/31/2009 13:46	10.78	44.085	28.34		7.96	4.3	1.102	
381	3/31/2009 14:01	10.79	44.198	28.42		7.96	3.5	1.194	
382	3/31/2009 14:16	10.8	44.328	28.52		7.96	3.7	1.282	
383	3/31/2009 14:31	10.82	44.444	28.6		7.97	3.4	1.355	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
384	3/31/2009 14:46	10.83	44.654	28.75		7.97	3.8	1.438	
385	3/31/2009 15:01	10.89	44.723	28.8		7.98	3.3	1.514	
386	3/31/2009 15:16	10.89	44.845	28.89		7.96	2.7	1.574	
387	3/31/2009 15:31	10.79	45.12	29.08		7.93	2.3	1.634	
388	3/31/2009 15:46	10.61	45.454	29.31		7.92	2	1.686	
389	3/31/2009 16:01	10.5	45.643	29.44		7.91	1.7	1.729	
390	3/31/2009 16:16	10.45	45.772	29.53		7.91	1.5	1.773	
391	3/31/2009 16:31	10.43	45.803	29.55		7.89	1.2	1.805	
392	3/31/2009 16:46	10.43	45.83	29.57		7.89	1.2	1.822	
393	3/31/2009 17:01	10.42	45.864	29.59		7.86	1	1.847	
394	3/31/2009 17:16	10.41	45.876	29.6		7.87	1	1.848	
395	3/31/2009 17:31	10.41	45.888	29.61		7.84	0.9	1.841	
396	3/31/2009 17:46	10.42	45.853	29.59		7.85	0.8	1.814	
397	3/31/2009 18:01	10.43	45.833	29.57		7.84	0.7	1.8	
398	3/31/2009 18:16	10.47	45.739	29.51		7.83	0.6	1.753	
399	3/31/2009 18:31	10.58	45.53	29.36		7.84	0.9	1.7	
400	3/31/2009 18:46	10.71	45.313	29.22		7.87	1.3	1.656	
401	3/31/2009 19:01	10.81	45.062	29.04		7.91	1.8	1.6	
402	3/31/2009 19:16	10.86	44.87	28.91		7.91	1.8	1.539	
403	3/31/2009 19:31	10.89	44.778	28.84		7.89	1.9	1.472	
404	3/31/2009 19:46	10.91	44.714	28.8		7.89	1.8	1.43	
405	3/31/2009 20:01	10.94	44.611	28.73		7.89	1.7	1.377	
406	3/31/2009 20:16	10.99	44.49	28.64		7.92	1.8	1.335	
407	3/31/2009 20:31	11.02	44.431	28.6		7.92	2.1	1.298	
408	3/31/2009 20:46	11.05	44.351	28.55		7.91	2.3	1.257	
409	3/31/2009 21:01	11.07	44.328	28.53		7.91	2.2	1.248	
410	3/31/2009 21:16	11.08	44.305	28.51		7.89	2.1	1.233	
411	3/31/2009 21:31	11.09	44.297	28.51		7.91	2.1	1.232	
412	3/31/2009 21:46	11.1	44.304	28.51		7.92	2.1	1.239	
413	3/31/2009 22:01	11.11	44.318	28.53		7.9	1.9	1.254	
414	3/31/2009 22:16	11.15	44.306	28.52		7.88	2	1.284	
415	3/31/2009 22:31	11.15	44.274	28.5		7.87	1.8	1.308	
416	3/31/2009 22:46	11.16	44.246	28.48		7.87	1.5	1.345	
417	3/31/2009 23:01	11.16	44.247	28.48		7.83	1.3	1.398	
418	3/31/2009 23:16	11.14	44.298	28.51		7.83	1.2	1.445	
419	3/31/2009 23:31	11.12	44.446	28.62		7.9	1.4	1.488	
420	3/31/2009 23:46	11.1	44.58	28.71		7.93	1.9	1.541	
421	4/1/2009 0:01	11.09	44.592	28.72		7.92	1.5	1.6	
422	4/1/2009 0:16	11.06	44.633	28.75		7.92	1.3	1.655	
423	4/1/2009 0:31	10.98	44.786	28.85		7.91	1.2	1.716	
424	4/1/2009 0:46	10.77	45.555	29.39		7.93	2	1.785	
425	4/1/2009 1:01	10.67	45.779	29.55		7.91	1.6	1.844	
426	4/1/2009 1:16	10.47	46.186	29.83		7.91	1.6	1.918	
427	4/1/2009 1:31	10.27	46.645	30.14		7.9	2	1.986	
428	4/1/2009 1:46	10.2	46.702	30.18		7.9	2.8	2.054	
429	4/1/2009 2:01	10.21	46.631	30.13		7.91	2.9	2.129	
430	4/1/2009 2:16	10.2	46.6	30.11		7.9	2.3	2.199	
431	4/1/2009 2:31	10.12	46.681	30.16		7.89	2.1	2.265	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
432	4/1/2009 2:46	10.01	46.866	30.29		7.91	2.3	2.327	
433	4/1/2009 3:01	9.91	47.053	30.41		7.9	1.7	2.392	
434	4/1/2009 3:16	9.78	47.283	30.57		7.88	1.3	2.443	
435	4/1/2009 3:31	9.65	47.545	30.75		7.86	1.2	2.485	
436	4/1/2009 3:46	9.51	47.858	30.97		7.84	1	2.516	
437	4/1/2009 4:01	9.44	48.041	31.09		7.82	0.8	2.541	
438	4/1/2009 4:16	9.43	48.024	31.08		7.8	0.8	2.537	
439	4/1/2009 4:31	9.44	47.842	30.95		7.82	0.8	2.51	
440	4/1/2009 4:46	9.46	47.562	30.75		7.83	0.7	2.479	
441	4/1/2009 5:01	9.49	47.283	30.55		7.84	0.6	2.436	
442	4/1/2009 5:16	9.55	47.006	30.36		7.87	1	2.356	
443	4/1/2009 5:31	9.57	46.836	30.24		7.86	1.3	2.273	
444	4/1/2009 5:46	9.6	46.738	30.17		7.88	1.3	2.195	
445	4/1/2009 6:01	9.6	46.69	30.13		7.88	1.4	2.106	
446	4/1/2009 6:16	9.63	46.623	30.09		7.89	1.3	2.009	
447	4/1/2009 6:31	9.72	46.255	29.83		7.9	1.2	1.902	
448	4/1/2009 6:46	9.79	45.664	29.41		7.9	1.2	1.808	
449	4/1/2009 7:01	9.86	45.136	29.04		7.9	1.2	1.703	
450	4/1/2009 7:16	9.93	44.786	28.8		7.89	1.2	1.588	
451	4/1/2009 7:31	10.01	44.601	28.67		7.88	1.1	1.488	
452	4/1/2009 7:46	10.08	44.435	28.56		7.88	1.3	1.367	
453	4/1/2009 8:01	10.13	44.351	28.5		7.86	1.3	1.251	
454	4/1/2009 8:16	10.18	44.149	28.36		7.87	1.6	1.125	
455	4/1/2009 8:31	10.25	43.824	28.13		7.87	1.8	0.994	
456	4/1/2009 8:46	10.32	43.51	27.91		7.87	1.7	0.879	
457	4/1/2009 9:01	10.39	43.221	27.71		7.81	1.5	0.74	
458	4/1/2009 9:16	10.45	42.792	27.41		7.83	1.4	0.629	
459	4/1/2009 9:31	10.53	42.265	27.04		7.8	1.5	0.526	
460	4/1/2009 9:46	10.57	41.663	26.62		7.79	1.9	0.428	
461	4/1/2009 10:01	10.61	41.304	26.37		7.79	2.5	0.343	
462	4/1/2009 10:16	10.64	41.24	26.32		7.78	2.5	0.275	
463	4/1/2009 10:31	10.7	41.274	26.35		7.77	2.4	0.222	
464	4/1/2009 10:46	10.72	41.268	26.35		7.79	2.3	0.211	
465	4/1/2009 11:01	10.76	41.273	26.35		7.78	2.3	0.195	
466	4/1/2009 11:16	10.8	41.272	26.35		7.78	2.4	0.203	
467	4/1/2009 11:31	10.83	41.292	26.37		7.77	2.3	0.24	
468	4/1/2009 11:46	10.86	41.328	26.4		7.74	1.8	0.286	
469	4/1/2009 12:01	10.87	41.359	26.42		7.73	1.9	0.311	
470	4/1/2009 12:16	10.89	41.387	26.44		7.71	1.7	0.353	
471	4/1/2009 12:31	10.93	41.533	26.54		7.56	0.9	0.426	
472	4/1/2009 12:46	11.01	42.314	27.1		7.61	1.1	0.481	
473	4/1/2009 13:01	11.11	42.897	27.52		7.72	2.4	0.529	
474	4/1/2009 13:16	11.2	43.418	27.89		7.87	2.6	0.592	
475	4/1/2009 13:31	11.22	43.595	28.02		7.91	1.8	0.653	
476	4/1/2009 13:46	11.19	43.744	28.12		7.94	2.3	0.737	
477	4/1/2009 14:01	11.16	43.782	28.15		7.96	3.2	0.802	
478	4/1/2009 14:16	11.12	43.797	28.16		7.93	2.5	0.876	
479	4/1/2009 14:31	10.99	44.047	28.33		7.92	1.3	0.955	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
480	4/1/2009 14:46	10.81	44.516	28.65		7.94	3.1	1.044	
481	4/1/2009 15:01	10.84	44.471	28.62		7.95	3.5	1.126	
482	4/1/2009 15:16	10.86	44.486	28.63		7.95	4.5	1.214	
483	4/1/2009 15:31	10.87	44.516	28.66		7.95	3.4	1.279	
484	4/1/2009 15:46	10.81	44.684	28.77		7.93	2.9	1.353	
485	4/1/2009 16:01	10.64	45.187	29.12		7.93	2.4	1.428	
486	4/1/2009 16:16	10.61	45.389	29.26		7.92	2.8	1.484	
487	4/1/2009 16:31	10.61	45.516	29.35		7.93	2.4	1.547	
488	4/1/2009 16:46	10.6	45.714	29.5		7.9	2.2	1.607	
489	4/1/2009 17:01	10.55	45.841	29.58		7.91	1.8	1.646	
490	4/1/2009 17:16	10.43	46.049	29.73		7.89	1.5	1.698	
491	4/1/2009 17:31	10.32	46.243	29.86		7.89	1.3	1.741	
492	4/1/2009 17:46	10.26	46.38	29.95		7.87	1.3	1.767	
493	4/1/2009 18:01	10.23	46.483	30.03		7.87	1.2	1.802	
494	4/1/2009 18:16	10.22	46.506	30.04		7.86	1	1.831	
495	4/1/2009 18:31	10.21	46.5	30.04		7.86	1.1	1.824	
496	4/1/2009 18:46	10.21	46.502	30.04		7.86	1	1.819	
497	4/1/2009 19:01	10.21	46.499	30.04		7.85	0.9	1.819	
498	4/1/2009 19:16	10.21	46.465	30.01		7.84	0.9	1.781	
499	4/1/2009 19:31	10.2	46.403	29.97		7.84	0.9	1.761	
500	4/1/2009 19:46	10.22	46.219	29.84		7.83	0.8	1.721	
501	4/1/2009 20:01	10.33	46.076	29.74		7.84	0.9	1.679	
502	4/1/2009 20:16	10.51	45.859	29.59		7.89	2.1	1.623	
503	4/1/2009 20:31	10.65	45.702	29.49		7.91	2.3	1.579	
504	4/1/2009 20:46	10.72	45.584	29.41		7.91	2.1	1.548	
505	4/1/2009 21:01	10.8	45.451	29.32		7.89	2.3	1.497	
506	4/1/2009 21:16	10.91	45.347	29.25		7.89	2.3	1.453	
507	4/1/2009 21:31	10.96	45.273	29.2		7.89	2.4	1.436	
508	4/1/2009 21:46	11.02	45.104	29.08		7.91	2.3	1.394	
509	4/1/2009 22:01	11.07	44.926	28.96		7.9	2.4	1.365	
510	4/1/2009 22:16	11.09	44.871	28.92		7.9	2.4	1.346	
511	4/1/2009 22:31	11.11	44.796	28.87		7.9	2.5	1.338	
512	4/1/2009 22:46	11.12	44.83	28.89		7.89	2.3	1.338	
513	4/1/2009 23:01	11.16	44.813	28.88		7.88	2.4	1.343	
514	4/1/2009 23:16	11.25	44.833	28.9		7.89	1.6	1.343	
515	4/1/2009 23:31	11.31	44.87	28.93		7.88	1	1.373	
516	4/1/2009 23:46	11.31	44.912	28.96		7.89	1	1.394	
517	4/2/2009 0:01	11.31	44.957	28.99		7.85	0.7	1.423	
518	4/2/2009 0:16	11.24	45.043	29.05		7.83	0.5	1.462	
519	4/2/2009 0:31	11.13	45.201	29.16		7.83	0.5	1.513	
520	4/2/2009 0:46	10.98	45.36	29.26		7.9	1.3	1.553	
521	4/2/2009 1:01	10.93	45.391	29.28		7.91	1.2	1.602	
522	4/2/2009 1:16	10.79	45.547	29.39		7.88	0.8	1.661	
523	4/2/2009 1:31	10.59	46.024	29.72		7.86	1.4	1.71	
524	4/2/2009 1:46	10.5	46.187	29.83		7.9	1.6	1.763	
525	4/2/2009 2:01	10.38	46.478	30.03		7.92	1.9	1.83	
526	4/2/2009 2:16	10.37	46.514	30.06		7.91	1.8	1.893	
527	4/2/2009 2:31	10.32	46.628	30.13		7.91	1.8	1.951	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
528	4/2/2009 2:46	10.28	46.757	30.22		7.91	2.1	2.003	
529	4/2/2009 3:01	10.23	46.83	30.27		7.91	1.8	2.079	
530	4/2/2009 3:16	10.19	46.898	30.32		7.9	1.8	2.134	
531	4/2/2009 3:31	10.16	46.956	30.36		7.91	1.7	2.18	
532	4/2/2009 3:46	10.05	47.17	30.51		7.89	1.6	2.253	
533	4/2/2009 4:01	9.92	47.411	30.67		7.87	1.2	2.307	
534	4/2/2009 4:16	9.84	47.59	30.79		7.85	1.1	2.336	
535	4/2/2009 4:31	9.7	47.88	30.99		7.84	1.1	2.382	
536	4/2/2009 4:46	9.64	48.043	31.11		7.84	1	2.419	
537	4/2/2009 5:01	9.61	48.056	31.11		7.83	0.8	2.435	
538	4/2/2009 5:16	9.58	48.103	31.15		7.83	0.9	2.439	
539	4/2/2009 5:31	9.57	48.092	31.14		7.82	0.9	2.43	
540	4/2/2009 5:46	9.55	48.037	31.1		7.82	0.9	2.401	
541	4/2/2009 6:01	9.54	47.8	30.93		7.81	0.7	2.366	
542	4/2/2009 6:16	9.56	47.483	30.7		7.83	0.7	2.31	
543	4/2/2009 6:31	9.76	47.199	30.51		7.86	1.6	2.232	
544	4/2/2009 6:46	9.92	47.027	30.4		7.87	1.4	2.156	
545	4/2/2009 7:01	9.98	46.911	30.32		7.87	1.4	2.08	
546	4/2/2009 7:16	10.01	46.817	30.25		7.88	1.5	1.995	
547	4/2/2009 7:31	10.05	46.656	30.14		7.88	1.5	1.905	
548	4/2/2009 7:46	10.07	46.51	30.04		7.88	1.4	1.822	
549	4/2/2009 8:01	10.11	46.227	29.84		7.86	1.3	1.735	
550	4/2/2009 8:16	10.15	45.76	29.5		7.86	1.3	1.634	
551	4/2/2009 8:31	10.19	45.471	29.3		7.86	1	1.528	
552	4/2/2009 8:46	10.24	45.185	29.1		7.85	1.6	1.424	
553	4/2/2009 9:01	10.29	44.99	28.96		7.85	1.5	1.335	
554	4/2/2009 9:16	10.34	44.774	28.81		7.86	2	1.226	
555	4/2/2009 9:31	10.41	44.617	28.7		7.88	2.3	1.1	
556	4/2/2009 9:46	10.47	44.474	28.6		7.88	1.8	0.997	
557	4/2/2009 10:01	10.55	44.123	28.36		7.88	1.6	0.873	
558	4/2/2009 10:16	10.62	43.949	28.24		7.87	1.5	0.761	
559	4/2/2009 10:31	10.71	43.823	28.15		7.85	1.5	0.656	
560	4/2/2009 10:46	10.81	43.567	27.98		7.83	1.4	0.556	
561	4/2/2009 11:01	10.87	42.873	27.49		7.79	1.5	0.457	
562	4/2/2009 11:16	10.94	42.253	27.05		7.74	1.6	0.396	
563	4/2/2009 11:31	11.02	41.834	26.76		7.75	2.1	0.333	
564	4/2/2009 11:46	11.08	41.581	26.58		7.76	2.9	0.282	
565	4/2/2009 12:01	11.14	41.578	26.58		7.74	3.1	0.266	
566	4/2/2009 12:16	11.21	41.611	26.61		7.74	2.7	0.251	
567	4/2/2009 12:31	11.25	41.668	26.65		7.69	2.5	0.25	
568	4/2/2009 12:46	11.26	41.729	26.69		7.71	2.5	0.278	
569	4/2/2009 13:01	11.28	41.809	26.75		7.7	2.1	0.315	
570	4/2/2009 13:16	11.33	42.179	27.02		7.61	1.2	0.377	
571	4/2/2009 13:31	11.38	42.286	27.09		7.58	0.8	0.407	
572	4/2/2009 13:46	11.51	43.405	27.89		7.67	1.2	0.463	
573	4/2/2009 14:01	11.56	44.67	28.8		7.91	1	0.526	
574	4/2/2009 14:16	11.57	44.715	28.83		7.92	1.5	0.555	
575	4/2/2009 14:31	11.61	44.665	28.79		7.91	1.3	0.632	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
576	4/2/2009 14:46	11.63	44.644	28.78		7.9	0.8	0.71	
577	4/2/2009 15:01	11.61	44.656	28.79		7.89	0.8	0.777	
578	4/2/2009 15:16	11.55	44.74	28.85		7.91	1.3	0.848	
579	4/2/2009 15:31	11.5	44.763	28.86		7.94	1.5	0.918	
580	4/2/2009 15:46	11.49	44.755	28.85		7.93	1.1	1.004	
581	4/2/2009 16:01	11.39	44.852	28.92		7.91	1	1.073	
582	4/2/2009 16:16	11.27	45.032	29.04		7.94	2.1	1.154	
583	4/2/2009 16:31	11.33	45.003	29.02		7.93	1.7	1.237	
584	4/2/2009 16:46	11.35	45.058	29.06		7.92	1.6	1.311	
585	4/2/2009 17:01	11.3	45.216	29.17		7.9	1.3	1.371	
586	4/2/2009 17:16	11.14	45.53	29.39		7.9	1.3	1.432	
587	4/2/2009 17:31	11.08	45.823	29.6		7.92	1.3	1.515	
588	4/2/2009 17:46	11.03	45.901	29.65		7.91	1.2	1.561	
589	4/2/2009 18:01	10.92	46.049	29.75		7.91	1.2	1.63	
590	4/2/2009 18:16	10.77	46.254	29.89		7.88	0.9	1.683	
591	4/2/2009 18:31	10.63	46.413	30		7.87	0.9	1.724	
592	4/2/2009 18:46	10.5	46.597	30.12		7.85	0.9	1.774	
593	4/2/2009 19:01	10.48	46.645	30.16		7.86	0.7	1.808	
594	4/2/2009 19:16	10.46	46.666	30.17		7.85	0.7	1.838	
595	4/2/2009 19:31	10.45	46.679	30.18		7.84	0.5	1.847	
596	4/2/2009 19:46	10.44	46.703	30.19		7.84	0.4	1.881	
597	4/2/2009 20:01	10.44	46.709	30.2		7.82	0.3	1.877	
598	4/2/2009 20:16	10.45	46.689	30.19		7.82	0.4	1.852	
599	4/2/2009 20:31	10.45	46.665	30.17		7.82	0.4	1.834	
600	4/2/2009 20:46	10.45	46.654	30.16		7.81	0.4	1.813	
601	4/2/2009 21:01	10.49	46.576	30.11		7.81	0.3	1.779	
602	4/2/2009 21:16	10.54	46.388	29.97		7.81	0.7	1.732	
603	4/2/2009 21:31	10.57	46.255	29.88		7.83	1.3	1.695	
604	4/2/2009 21:46	10.57	46.129	29.79		7.86	1.7	1.65	
605	4/2/2009 22:01	10.57	45.987	29.69		7.88	1.5	1.587	
606	4/2/2009 22:16	10.58	45.893	29.62		7.87	1.5	1.54	
607	4/2/2009 22:31	10.62	45.802	29.56		7.87	1.3	1.501	
608	4/2/2009 22:46	10.66	45.654	29.46		7.88	1.4	1.459	
609	4/2/2009 23:01	10.7	45.515	29.36		7.87	1.3	1.428	
610	4/2/2009 23:16	10.74	45.364	29.25		7.88	1.5	1.396	
611	4/2/2009 23:31	10.77	45.275	29.19		7.89	1.5	1.363	
612	4/2/2009 23:46	10.78	45.212	29.15		7.89	1.6	1.34	
613	4/3/2009 0:01	10.79	45.172	29.12		7.88	1.6	1.328	
614	4/3/2009 0:16	10.79	45.168	29.12		7.88	1.5	1.323	
615	4/3/2009 0:31	10.8	45.156	29.11		7.88	1.5	1.31	
616	4/3/2009 0:46	10.81	45.186	29.13		7.86	1.4	1.334	
617	4/3/2009 1:01	10.84	45.188	29.13		7.85	1.1	1.342	
618	4/3/2009 1:16	10.9	45.236	29.17		7.84	0.9	1.375	
619	4/3/2009 1:31	10.94	45.301	29.22		7.83	0.8	1.4	
620	4/3/2009 1:46	10.95	45.342	29.25		7.81	0.5	1.429	
621	4/3/2009 2:01	10.94	45.369	29.27		7.8	0.4	1.482	
622	4/3/2009 2:16	10.92	45.396	29.28		7.79	0.4	1.508	
623	4/3/2009 2:31	10.87	45.547	29.39		7.84	0.5	1.563	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
624	4/3/2009 2:46	10.83	45.689	29.49		7.9	0.9	1.618	
625	4/3/2009 3:01	10.82	45.724	29.51		7.89	0.9	1.666	
626	4/3/2009 3:16	10.81	45.756	29.54		7.88	1	1.715	
627	4/3/2009 3:31	10.78	45.821	29.58		7.87	0.7	1.776	
628	4/3/2009 3:46	10.73	45.968	29.68		7.86	0.7	1.824	
629	4/3/2009 4:01	10.64	46.371	29.97		7.89	1	1.882	
630	4/3/2009 4:16	10.55	46.55	30.09		7.88	0.9	1.94	
631	4/3/2009 4:31	10.39	46.834	30.29		7.88	1.3	1.997	
632	4/3/2009 4:46	10.31	46.903	30.33		7.9	1.6	2.066	
633	4/3/2009 5:01	10.25	46.961	30.37		7.89	1.3	2.122	
634	4/3/2009 5:16	10.18	47.039	30.42		7.88	1	2.175	
635	4/3/2009 5:31	10.11	47.184	30.52		7.87	0.8	2.208	
636	4/3/2009 5:46	10.05	47.283	30.59		7.86	0.6	2.25	
637	4/3/2009 6:01	10	47.4	30.67		7.84	0.5	2.269	
638	4/3/2009 6:16	9.97	47.444	30.7		7.84	0.5	2.284	
639	4/3/2009 6:31	9.94	47.462	30.71		7.82	0.4	2.296	
640	4/3/2009 6:46	9.94	47.436	30.69		7.83	0.5	2.277	
641	4/3/2009 7:01	9.94	47.385	30.65		7.83	0.5	2.263	
642	4/3/2009 7:16	9.94	47.272	30.57		7.83	0.4	2.227	
643	4/3/2009 7:31	9.94	47.078	30.43		7.82	0.6	2.172	
644	4/3/2009 7:46	9.95	46.989	30.37		7.85	1.3	2.111	
645	4/3/2009 8:01	9.97	46.908	30.31		7.85	1.3	2.046	
646	4/3/2009 8:16	9.97	46.745	30.2		7.86	1.2	1.983	
647	4/3/2009 8:31	9.97	46.538	30.05		7.86	1.1	1.921	
648	4/3/2009 8:46	9.96	46.153	29.77		7.86	1.2	1.826	
649	4/3/2009 9:01	9.99	45.964	29.64		7.87	1.2	1.749	
650	4/3/2009 9:16	10.05	45.817	29.54		7.84	1	1.666	
651	4/3/2009 9:31	10.09	45.695	29.45		7.84	1	1.574	
652	4/3/2009 9:46	10.15	45.528	29.34		7.83	1.1	1.49	
653	4/3/2009 10:01	10.23	45.337	29.21		7.83	1.3	1.366	
654	4/3/2009 10:16	10.31	45.2	29.11		7.84	1.6	1.269	
655	4/3/2009 10:31	10.4	45.067	29.02		7.87	1.8	1.151	
656	4/3/2009 10:46	10.48	44.961	28.95		7.89	1.4	1.052	
657	4/3/2009 11:01	10.57	44.875	28.9		7.86	1.3	0.94	
658	4/3/2009 11:16	10.66	44.81	28.85		7.85	1.1	0.824	
659	4/3/2009 11:31	10.74	44.718	28.79		7.84	1	0.715	
660	4/3/2009 11:46	10.82	44.445	28.6		7.85	1	0.615	
661	4/3/2009 12:01	10.9	43.724	28.09		7.79	1.3	0.523	
662	4/3/2009 12:16	10.99	42.593	27.29		7.75	2	0.419	
663	4/3/2009 12:31	11.05	41.87	26.79		7.74	2.9	0.344	
664	4/3/2009 12:46	11.1	41.752	26.7		7.74	2.9	0.301	
665	4/3/2009 13:01	11.15	41.623	26.62		7.73	3	0.251	
666	4/3/2009 13:16	11.21	41.567	26.58		7.73	3.1	0.244	
667	4/3/2009 13:31	11.27	41.584	26.59		7.73	2.9	0.242	
668	4/3/2009 13:46	11.32	41.608	26.61		7.72	3	0.247	
669	4/3/2009 14:01	11.35	41.654	26.65		7.72	2.9	0.285	
670	4/3/2009 14:16	11.38	41.704	26.68		7.69	2.6	0.333	
671	4/3/2009 14:31	11.44	42.266	27.08		7.61	1.2	0.385	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
672	4/3/2009 14:46	11.46	42.556	27.29		7.56	0.9	0.407	
673	4/3/2009 15:01	11.54	43.221	27.76		7.56	0.6	0.474	
674	4/3/2009 15:16	11.63	44.064	28.37		7.7	1	0.508	
675	4/3/2009 15:31	11.66	44.883	28.95		7.93	0.9	0.583	
676	4/3/2009 15:46	11.63	44.966	29.01		7.95	1.1	0.64	
677	4/3/2009 16:01	11.63	44.999	29.03		7.99	1.6	0.705	
678	4/3/2009 16:16	11.67	44.954	29		7.99	2	0.801	
679	4/3/2009 16:31	11.68	44.905	28.97		7.98	1.6	0.867	
680	4/3/2009 16:46	11.63	44.94	28.99		7.99	1.3	0.955	
681	4/3/2009 17:01	11.56	44.976	29.01		7.99	1.1	1.041	
682	4/3/2009 17:16	11.43	45.115	29.11		7.97	0.9	1.126	
683	4/3/2009 17:31	11.22	45.446	29.34		7.96	1	1.216	
684	4/3/2009 17:46	11.01	45.794	29.57		7.95	1.1	1.291	
685	4/3/2009 18:01	10.87	46.05	29.75		7.95	1.8	1.378	
686	4/3/2009 18:16	10.85	46.084	29.77		7.96	1.7	1.454	
687	4/3/2009 18:31	10.86	46.05	29.75		7.95	1.5	1.527	
688	4/3/2009 18:46	10.84	46.056	29.75		7.94	1.6	1.589	
689	4/3/2009 19:01	10.8	46.082	29.77		7.94	1.5	1.66	
690	4/3/2009 19:16	10.77	46.126	29.8		7.94	1.2	1.718	
691	4/3/2009 19:31	10.69	46.27	29.9		7.96	1	1.771	
692	4/3/2009 19:46	10.65	46.34	29.95		7.95	1.2	1.813	
693	4/3/2009 20:01	10.59	46.447	30.02		7.93	0.7	1.863	
694	4/3/2009 20:16	10.52	46.555	30.09		7.89	0.6	1.901	
695	4/3/2009 20:31	10.48	46.61	30.13		7.91	0.5	1.926	
696	4/3/2009 20:46	10.45	46.654	30.16		7.88	0.5	1.939	
697	4/3/2009 21:01	10.42	46.723	30.21		7.86	0.4	1.963	
698	4/3/2009 21:16	10.42	46.713	30.2		7.85	0.4	1.955	
699	4/3/2009 21:31	10.41	46.649	30.15		7.88	0.4	1.932	
700	4/3/2009 21:46	10.4	46.595	30.11		7.88	0.4	1.911	
701	4/3/2009 22:01	10.35	46.504	30.05		7.87	0.2	1.864	
702	4/3/2009 22:16	10.31	46.369	29.95		7.89	0.5	1.817	
703	4/3/2009 22:31	10.3	46.293	29.89		7.9	0.9	1.775	
704	4/3/2009 22:46	10.3	46.213	29.84		7.9	1.3	1.717	
705	4/3/2009 23:01	10.32	46.144	29.79		7.91	1.3	1.647	
706	4/3/2009 23:16	10.33	46.135	29.78		7.91	1.2	1.588	
707	4/3/2009 23:31	10.35	46.123	29.77		7.91	1.2	1.531	
708	4/3/2009 23:46	10.38	46.102	29.76		7.92	1.1	1.466	
709	4/4/2009 0:01	10.4	46.079	29.75		7.93	1.2	1.42	
710	4/4/2009 0:16	10.44	46.001	29.69		7.95	1.3	1.361	
711	4/4/2009 0:31	10.47	45.885	29.61		7.95	1.3	1.322	
712	4/4/2009 0:46	10.51	45.799	29.55		7.94	1.3	1.289	
713	4/4/2009 1:01	10.54	45.622	29.43		7.95	1.3	1.245	
714	4/4/2009 1:16	10.56	45.551	29.38		7.94	1.3	1.227	
715	4/4/2009 1:31	10.59	45.476	29.33		7.95	1.3	1.202	
716	4/4/2009 1:46	10.61	45.427	29.29		7.92	1.4	1.203	
717	4/4/2009 2:01	10.61	45.468	29.32		7.91	1.3	1.21	
718	4/4/2009 2:16	10.61	45.472	29.32		7.92	1.5	1.212	
719	4/4/2009 2:31	10.61	45.479	29.33		7.91	1.4	1.231	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
720	4/4/2009 2:46	10.6	45.467	29.32		7.91	1.7	1.276	
721	4/4/2009 3:01	10.59	45.489	29.33		7.88	1.7	1.304	
722	4/4/2009 3:16	10.56	45.522	29.36		7.87	2.6	1.348	
723	4/4/2009 3:31	10.51	45.499	29.34		7.93	3.2	1.411	
724	4/4/2009 3:46	10.51	45.526	29.36		7.93	3.2	1.465	
725	4/4/2009 4:01	10.5	45.564	29.38		7.92	2.8	1.512	
726	4/4/2009 4:16	10.46	45.8	29.55		7.97	2.5	1.578	
727	4/4/2009 4:31	10.4	46.028	29.71		7.94	2.6	1.639	
728	4/4/2009 4:46	10.35	46.197	29.83		7.96	2.4	1.69	
729	4/4/2009 5:01	10.24	46.487	30.03		7.96	2.4	1.754	
730	4/4/2009 5:16	10.2	46.626	30.13		7.96	2.3	1.807	
731	4/4/2009 5:31	10.09	46.847	30.28		7.96	2.4	1.877	
732	4/4/2009 5:46	9.96	47.028	30.4		7.97	2.4	1.941	
733	4/4/2009 6:01	9.88	47.098	30.44		7.97	2.7	1.991	
734	4/4/2009 6:16	9.81	47.243	30.54		7.96	2.2	2.065	
735	4/4/2009 6:31	9.72	47.444	30.68		7.95	2.1	2.118	
736	4/4/2009 6:46	9.61	47.687	30.85		7.94	1.7	2.173	
737	4/4/2009 7:01	9.51	47.931	31.02		7.92	1.6	2.217	
738	4/4/2009 7:16	9.45	48.102	31.14		7.92	1.5	2.251	
739	4/4/2009 7:31	9.4	48.226	31.22		7.91	1.2	2.29	
740	4/4/2009 7:46	9.37	48.281	31.26		7.9	1.2	2.302	
741	4/4/2009 8:01	9.35	48.277	31.25		7.9	1.3	2.3	
742	4/4/2009 8:16	9.35	48.241	31.23		7.9	1.1	2.292	
743	4/4/2009 8:31	9.35	48.202	31.2		7.9	1.1	2.276	
744	4/4/2009 8:46	9.33	47.986	31.04		7.89	1.2	2.226	
745	4/4/2009 9:01	9.35	47.655	30.81		7.9	1.5	2.159	
746	4/4/2009 9:16	9.46	47.392	30.63		7.93	2.2	2.088	
747	4/4/2009 9:31	9.59	47.196	30.5		7.93	2	2.009	
748	4/4/2009 9:46	9.71	47.019	30.38		7.94	1.8	1.921	
749	4/4/2009 10:01	9.79	46.796	30.22		7.94	1.9	1.839	
750	4/4/2009 10:16	9.87	46.534	30.04		7.94	2	1.745	
751	4/4/2009 10:31	9.94	46.243	29.84		7.93	1.9	1.656	
752	4/4/2009 10:46	10.02	45.923	29.61		7.92	2.1	1.563	
753	4/4/2009 11:01	10.09	45.692	29.45		7.94	2.4	1.453	
754	4/4/2009 11:16	10.18	45.615	29.4		7.93	2.1	1.35	
755	4/4/2009 11:31	10.32	45.647	29.43		7.93	2	1.235	
756	4/4/2009 11:46	10.43	45.583	29.39		7.95	2.1	1.132	
757	4/4/2009 12:01	10.5	45.264	29.17		7.95	1.8	1.011	
758	4/4/2009 12:16	10.59	45.118	29.07		7.94	1.7	0.886	
759	4/4/2009 12:31	10.71	45.054	29.03		7.94	1.5	0.772	
760	4/4/2009 12:46	10.82	45.012	29.01		7.94	1.4	0.673	
761	4/4/2009 13:01	10.89	44.754	28.83		7.89	1.2	0.56	
762	4/4/2009 13:16	10.92	44.116	28.37		7.83	1.2	0.475	
763	4/4/2009 13:31	10.98	42.981	27.57		7.75	1.8	0.398	
764	4/4/2009 13:46	11.05	42.297	27.09		7.75	2.4	0.338	
765	4/4/2009 14:01	11.12	41.91	26.82		7.75	2.9	0.286	
766	4/4/2009 14:16	11.2	41.778	26.73		7.73	2.9	0.24	
767	4/4/2009 14:31	11.26	41.828	26.77		7.73	3.1	0.248	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
768	4/4/2009 14:46	11.34	41.86	26.79		7.73	3	0.243	
769	4/4/2009 15:01	11.38	41.95	26.86		7.72	2.8	0.274	
770	4/4/2009 15:16	11.41	42.19	27.03		7.69	2.3	0.317	
771	4/4/2009 15:31	11.44	42.533	27.27		7.69	1.5	0.356	
772	4/4/2009 15:46	11.54	43.692	28.1		7.64	0.6	0.419	
773	4/4/2009 16:01	11.72	44.917	28.98		7.87	1.7	0.477	
774	4/4/2009 16:16	11.74	45.013	29.05		8.01	1.8	0.541	
775	4/4/2009 16:31	11.74	44.899	28.97		8.01	1.7	0.606	
776	4/4/2009 16:46	11.73	44.862	28.94		8.01	1.7	0.68	
777	4/4/2009 17:01	11.67	44.845	28.93		8.01	1.6	0.754	
778	4/4/2009 17:16	11.58	44.861	28.93		8.05	1.8	0.826	
779	4/4/2009 17:31	11.57	44.785	28.88		8.03	1.5	0.915	
780	4/4/2009 17:46	11.43	44.934	28.98		8.05	2	1.007	
781	4/4/2009 18:01	11.28	45.27	29.21		8.04	2.1	1.101	
782	4/4/2009 18:16	11.24	45.468	29.35		8.04	2.2	1.181	
783	4/4/2009 18:31	11.31	45.525	29.4		8.04	2.3	1.276	
784	4/4/2009 18:46	11.23	45.736	29.54		8.03	2	1.363	
785	4/4/2009 19:01	10.86	46.396	30		8	2	1.444	
786	4/4/2009 19:16	10.6	46.684	30.19		7.99	2	1.532	
787	4/4/2009 19:31	10.48	46.91	30.35		7.99	2	1.604	
788	4/4/2009 19:46	10.44	47.013	30.42		7.99	1.8	1.683	
789	4/4/2009 20:01	10.43	47.097	30.48		7.99	1.9	1.749	
790	4/4/2009 20:16	10.35	47.242	30.58		7.98	1.9	1.828	
791	4/4/2009 20:31	10.28	47.34	30.64		7.98	1.8	1.888	
792	4/4/2009 20:46	10.21	47.438	30.71		7.98	1.7	1.945	
793	4/4/2009 21:01	10.13	47.61	30.83		7.97	1.6	2.006	
794	4/4/2009 21:16	10.07	47.729	30.91		7.97	1.5	2.048	
795	4/4/2009 21:31	10.01	47.881	31.01		7.95	1.3	2.085	
796	4/4/2009 21:46	9.97	48.004	31.1		7.95	1.2	2.112	
797	4/4/2009 22:01	9.94	48.019	31.11		7.94	1.2	2.111	
798	4/4/2009 22:16	9.93	48.014	31.11		7.94	1.2	2.11	
799	4/4/2009 22:31	9.92	47.931	31.04		7.94	1	2.077	
800	4/4/2009 22:46	9.92	47.691	30.87		7.94	0.9	2.027	
801	4/4/2009 23:01	10	47.541	30.77		7.92	1.2	1.971	
802	4/4/2009 23:16	10.12	47.387	30.67		7.96	1.7	1.897	
803	4/4/2009 23:31	10.18	47.246	30.57		7.97	1.7	1.817	
804	4/4/2009 23:46	10.21	47.136	30.49		7.98	1.5	1.738	
805	4/5/2009 0:01	10.25	47.009	30.4		7.98	1.5	1.656	
806	4/5/2009 0:16	10.31	46.798	30.26		7.98	1.7	1.569	
807	4/5/2009 0:31	10.34	46.613	30.12		7.97	1.6	1.505	
808	4/5/2009 0:46	10.37	46.201	29.83		7.99	1.5	1.409	
809	4/5/2009 1:01	10.41	45.828	29.57		7.99	1.5	1.336	
810	4/5/2009 1:16	10.43	45.758	29.52		8.01	1.4	1.284	
811	4/5/2009 1:31	10.47	45.581	29.39		8.01	1.5	1.201	
812	4/5/2009 1:46	10.5	45.462	29.31		8.02	1.6	1.147	
813	4/5/2009 2:01	10.54	45.303	29.2		8.01	1.6	1.084	
814	4/5/2009 2:16	10.58	45.15	29.09		8	1.8	1.046	
815	4/5/2009 2:31	10.61	45.043	29.02		8	2	1.012	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
816	4/5/2009 2:46	10.64	44.979	28.97		7.99	2.1	0.985	
817	4/5/2009 3:01	10.66	44.983	28.98		7.99	2.1	0.987	
818	4/5/2009 3:16	10.69	44.971	28.97		7.98	2.1	0.976	
819	4/5/2009 3:31	10.69	45.007	29		7.99	1.9	1.006	
820	4/5/2009 3:46	10.7	45.096	29.06		7.96	1.2	1.039	
821	4/5/2009 4:01	10.72	45.232	29.16		7.87	0.8	1.076	
822	4/5/2009 4:16	10.71	45.529	29.37		7.92	0.8	1.139	
823	4/5/2009 4:31	10.67	45.774	29.54		7.98	1.2	1.203	
824	4/5/2009 4:46	10.6	45.896	29.63		8.02	1.5	1.267	
825	4/5/2009 5:01	10.58	45.931	29.65		8	1.6	1.329	
826	4/5/2009 5:16	10.55	46.019	29.71		7.98	1.5	1.402	
827	4/5/2009 5:31	10.51	46.169	29.82		7.99	1.3	1.473	
828	4/5/2009 5:46	10.42	46.406	29.98		7.98	1.5	1.536	
829	4/5/2009 6:01	10.34	46.542	30.07		7.99	1.5	1.602	
830	4/5/2009 6:16	10.27	46.668	30.16		7.99	1.5	1.674	
831	4/5/2009 6:31	10.2	47.004	30.4		7.97	1.5	1.733	
832	4/5/2009 6:46	10.08	47.447	30.71		7.97	1.4	1.805	
833	4/5/2009 7:01	9.99	47.686	30.87		7.96	1.5	1.871	
834	4/5/2009 7:16	9.91	47.848	30.98		7.97	1.6	1.94	
835	4/5/2009 7:31	9.81	48.037	31.11		7.96	1.6	2.008	
836	4/5/2009 7:46	9.72	48.209	31.23		7.96	1.7	2.077	
837	4/5/2009 8:01	9.65	48.295	31.29		7.96	1.8	2.141	
838	4/5/2009 8:16	9.61	48.37	31.34		7.95	1.8	2.197	
839	4/5/2009 8:31	9.55	48.446	31.39		7.94	1.3	2.25	
840	4/5/2009 8:46	9.51	48.501	31.43		7.94	1.4	2.296	
841	4/5/2009 9:01	9.47	48.542	31.45		7.93	1.1	2.318	
842	4/5/2009 9:16	9.45	48.547	31.46		7.93	1	2.327	
843	4/5/2009 9:31	9.44	48.552	31.46		7.92	1	2.324	
844	4/5/2009 9:46	9.43	48.527	31.44		7.92	1	2.293	
845	4/5/2009 10:01	9.42	48.409	31.35		7.91	1	2.235	
846	4/5/2009 10:16	9.57	48.299	31.29		7.92	1.5	2.169	
847	4/5/2009 10:31	9.73	48.176	31.21		7.91	1.4	2.097	
848	4/5/2009 10:46	9.84	47.992	31.08		7.91	1.5	2.004	
849	4/5/2009 11:01	9.94	47.757	30.92		7.94	1.4	1.906	
850	4/5/2009 11:16	10.02	47.473	30.72		7.95	1.3	1.817	
851	4/5/2009 11:31	10.11	46.85	30.28		8.1	1.4	1.704	
852	4/5/2009 11:46	10.21	46.651	30.14		7.95	1.2	1.612	
853	4/5/2009 12:01	10.29	46.356	29.94		7.95	1.2	1.501	
854	4/5/2009 12:16	10.45	46.217	29.85		7.97	1.2	1.387	
855	4/5/2009 12:31	10.58	46.086	29.76		7.96	1.1	1.269	
856	4/5/2009 12:46	10.7	45.747	29.53		7.95	1.1	1.166	
857	4/5/2009 13:01	10.79	45.36	29.25		7.94	1.3	1.051	
858	4/5/2009 13:16	10.88	45.067	29.05		7.94	1.6	0.921	
859	4/5/2009 13:31	11.03	44.968	28.98		7.94	1.6	0.798	
860	4/5/2009 13:46	11.2	44.916	28.96		7.94	1.6	0.692	
861	4/5/2009 14:01	11.34	44.899	28.95		7.94	1.6	0.587	
862	4/5/2009 14:16	11.51	44.565	28.72		7.91	1.6	0.479	
863	4/5/2009 14:31	11.59	43.281	27.81		7.83	2.1	0.395	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
864	4/5/2009 14:46	11.68	42.598	27.33		7.8	2.7	0.341	
865	4/5/2009 15:01	11.77	42.156	27.02		7.79	3.5	0.289	
866	4/5/2009 15:16	11.88	42.111	26.99		7.8	3.8	0.268	
867	4/5/2009 15:31	11.98	42.125	27		7.79	3.8	0.254	
868	4/5/2009 15:46	12.07	42.192	27.05		7.75	3.5	0.274	
869	4/5/2009 16:01	12.14	42.515	27.29		7.72	2.3	0.327	
870	4/5/2009 16:16	12.19	43.053	27.67		7.67	1.5	0.37	
871	4/5/2009 16:31	12.26	43.556	28.03		7.63	0.4	0.428	
872	4/5/2009 16:46	12.4	44.621	28.79		7.69	0.4	0.484	
873	4/5/2009 17:01	12.5	45.733	29.59		8.1	1.2	0.566	
874	4/5/2009 17:16	12.52	45.534	29.45		8.09	1.1	0.615	
875	4/5/2009 17:31	12.53	45.306	29.29		8.09	1.2	0.708	
876	4/5/2009 17:46	12.48	45.229	29.23		8.11	1.1	0.785	
877	4/5/2009 18:01	12.44	45.221	29.23		8.1	1.2	0.89	
878	4/5/2009 18:16	12.28	45.316	29.29		8.1	1.2	0.967	
879	4/5/2009 18:31	12.12	45.348	29.3		8.11	1.3	1.058	
880	4/5/2009 18:46	11.96	45.501	29.41		8.13	1.8	1.175	
881	4/5/2009 19:01	11.78	45.764	29.59		8.11	1.5	1.276	
882	4/5/2009 19:16	11.38	46.368	30		8.07	1.4	1.367	
883	4/5/2009 19:31	11.15	46.618	30.17		8.07	1.6	1.475	
884	4/5/2009 19:46	11.07	46.774	30.28		8.07	2	1.565	
885	4/5/2009 20:01	10.93	46.988	30.43		8.07	1.7	1.642	
886	4/5/2009 20:16	10.84	47.188	30.56		8.06	2.1	1.739	
887	4/5/2009 20:31	10.74	47.352	30.68		8.06	2.2	1.826	
888	4/5/2009 20:46	10.58	47.553	30.81		8.06	2.3	1.923	
889	4/5/2009 21:01	10.48	47.682	30.9		8.06	2.3	2.007	
890	4/5/2009 21:16	10.4	47.8	30.98		8.04	2.1	2.055	
891	4/5/2009 21:31	10.17	48.261	31.3		8.03	1.9	2.128	
892	4/5/2009 21:46	9.97	48.577	31.51		8.01	1.6	2.192	
893	4/5/2009 22:01	9.8	48.867	31.71		7.99	1.6	2.247	
894	4/5/2009 22:16	9.71	49.013	31.81		7.98	1.6	2.287	
895	4/5/2009 22:31	9.64	49.105	31.87		7.97	1.8	2.326	
896	4/5/2009 22:46	9.63	49.114	31.88		7.97	1.2	2.311	
897	4/5/2009 23:01	9.64	49.084	31.86		7.94	1.3	2.303	
898	4/5/2009 23:16	9.66	48.954	31.76		7.94	1	2.265	
899	4/5/2009 23:31	9.83	48.521	31.46		7.95	1.4	2.193	
900	4/5/2009 23:46	10.03	48.193	31.24		7.98	1.8	2.135	
901	4/6/2009 0:01	10.1	47.863	31.01		8	1.5	2.036	
902	4/6/2009 0:16	10.16	47.626	30.84		8.01	1.5	1.942	
903	4/6/2009 0:31	10.22	47.463	30.73		8.03	1.6	1.863	
904	4/6/2009 0:46	10.3	47.28	30.6		8.01	1.4	1.758	
905	4/6/2009 1:01	10.34	47.054	30.44		8.03	1.4	1.655	
906	4/6/2009 1:16	10.4	46.873	30.31		8.03	1.3	1.559	
907	4/6/2009 1:31	10.46	46.788	30.26		8.01	1.2	1.461	
908	4/6/2009 1:46	10.57	46.512	30.07		8.04	1.3	1.368	
909	4/6/2009 2:01	10.66	46.148	29.81		8.04	1.2	1.293	
910	4/6/2009 2:16	10.74	45.859	29.61		8.05	1.1	1.205	
911	4/6/2009 2:31	10.8	45.637	29.45		8.05	1	1.101	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
912	4/6/2009 2:46	10.87	45.5	29.36		8.05	1	1.001	
913	4/6/2009 3:01	10.93	45.458	29.33		8.06	1.1	0.964	
914	4/6/2009 3:16	11.03	45.387	29.28		8.06	1.2	0.878	
915	4/6/2009 3:31	11.13	45.367	29.27		8.06	1.4	0.815	
916	4/6/2009 3:46	11.22	45.356	29.27		8.05	1.4	0.785	
917	4/6/2009 4:01	11.28	45.375	29.29		8.02	1.5	0.792	
918	4/6/2009 4:16	11.35	45.267	29.21		8.02	1.4	0.755	
919	4/6/2009 4:31	11.38	45.348	29.27		8.04	1.3	0.764	
920	4/6/2009 4:46	11.4	45.364	29.28		8	0.5	0.84	
921	4/6/2009 5:01	11.44	45.423	29.33		7.9	0.4	0.899	
922	4/6/2009 5:16	11.44	45.736	29.55		7.96	0.9	0.936	
923	4/6/2009 5:31	11.38	45.978	29.72		8.08	1.5	1.016	
924	4/6/2009 5:46	11.35	45.923	29.68		8.07	1.5	1.103	
925	4/6/2009 6:01	11.32	45.876	29.65		8.04	1.3	1.185	
926	4/6/2009 6:16	11.28	45.925	29.68		8.02	1.3	1.279	
927	4/6/2009 6:31	11.2	46.076	29.79		8.05	1.2	1.361	
928	4/6/2009 6:46	11.03	46.398	30.01		8.04	1.2	1.432	
929	4/6/2009 7:01	10.92	46.514	30.09		8.03	1.3	1.503	
930	4/6/2009 7:16	10.77	46.827	30.3		8.02	1.2	1.575	
931	4/6/2009 7:31	10.64	47.194	30.56		8.02	1.3	1.658	
932	4/6/2009 7:46	10.56	47.368	30.68		8.01	1.6	1.739	
933	4/6/2009 8:01	10.48	47.546	30.8		8.01	1.4	1.814	
934	4/6/2009 8:16	10.31	47.827	30.99		8.01	1.6	1.902	
935	4/6/2009 8:31	10.12	48.031	31.13		8	1.6	1.964	
936	4/6/2009 8:46	9.99	48.156	31.21		7.99	2	2.041	
937	4/6/2009 9:01	9.93	48.24	31.27		7.99	1.9	2.1	
938	4/6/2009 9:16	9.81	48.435	31.4		7.99	1.6	2.183	
939	4/6/2009 9:31	9.75	48.535	31.47		7.98	1.6	2.234	
940	4/6/2009 9:46	9.66	48.664	31.56		7.98	1.5	2.299	
941	4/6/2009 10:01	9.63	48.73	31.6		7.97	1.3	2.313	
942	4/6/2009 10:16	9.56	48.814	31.66		7.96	1.2	2.359	
943	4/6/2009 10:31	9.52	48.873	31.7		7.95	0.7	2.368	
944	4/6/2009 10:46	9.54	48.821	31.66		7.96	0.9	2.343	
945	4/6/2009 11:01	9.53	48.745	31.6		7.93	0.9	2.316	
946	4/6/2009 11:16	9.61	48.604	31.51		7.92	0.9	2.257	
947	4/6/2009 11:31	9.96	48.4	31.38		7.95	1.6	2.179	
948	4/6/2009 11:46	10.12	48.23	31.27		7.99	1.7	2.096	
949	4/6/2009 12:01	10.29	48.107	31.19		8	1.6	2.007	
950	4/6/2009 12:16	10.36	47.872	31.03		7.98	1.4	1.903	
951	4/6/2009 12:31	10.48	47.681	30.9		7.98	1.3	1.787	
952	4/6/2009 12:46	10.62	47.384	30.69		8	1.4	1.679	
953	4/6/2009 13:01	10.73	47.055	30.46		8	1.2	1.595	
954	4/6/2009 13:16	10.84	46.528	30.09		8.01	1.3	1.464	
955	4/6/2009 13:31	11.02	46.198	29.86		8.02	1.2	1.343	
956	4/6/2009 13:46	11.26	46.08	29.79		8.04	1.3	1.244	
957	4/6/2009 14:01	11.44	46.026	29.76		8.03	1.1	1.13	
958	4/6/2009 14:16	11.62	45.919	29.69		8.02	1.1	0.999	
959	4/6/2009 14:31	11.75	45.617	29.48		7.99	1.1	0.875	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
960	4/6/2009 14:46	11.93	45.475	29.39		7.98	1.3	0.769	
961	4/6/2009 15:01	12.12	45.414	29.35		7.98	1.3	0.674	
962	4/6/2009 15:16	12.34	45.317	29.29		7.98	1.6	0.556	
963	4/6/2009 15:31	12.49	45.129	29.16		7.95	1.7	0.491	
964	4/6/2009 15:46	12.66	44.31	28.58		7.89	1.8	0.421	
965	4/6/2009 16:01	12.78	43.692	28.14		7.82	2.3	0.391	
966	4/6/2009 16:16	12.88	43.622	28.1		7.81	2.3	0.382	
967	4/6/2009 16:31	12.98	43.621	28.1		7.8	2.1	0.381	
968	4/6/2009 16:46	13.06	44.107	28.45		7.8	1	0.407	
969	4/6/2009 17:01	13.15	44.855	28.99		7.76	0.4	0.466	
970	4/6/2009 17:16	13.27	45.037	29.12		7.73	0.1	0.506	
971	4/6/2009 17:31	13.41	45.766	29.65		7.98	0.6	0.58	
972	4/6/2009 17:46	13.39	46.017	29.83		8.19	1.2	0.673	
973	4/6/2009 18:01	13.39	45.955	29.78		8.16	0.8	0.739	
974	4/6/2009 18:16	13.31	45.972	29.79		8.16	1.2	0.847	
975	4/6/2009 18:31	13.22	45.953	29.78		8.16	0.8	0.927	
976	4/6/2009 18:46	13.05	45.997	29.8		8.15	0.6	1.018	
977	4/6/2009 19:01	12.78	46.193	29.94		8.15	0.7	1.116	
978	4/6/2009 19:16	12.53	46.318	30.02		8.15	1.1	1.22	
979	4/6/2009 19:31	12.36	46.464	30.11		8.13	1	1.316	
980	4/6/2009 19:46	12.01	46.832	30.37		8.11	1	1.421	
981	4/6/2009 20:01	11.76	47.094	30.54		8.13	1.3	1.508	
982	4/6/2009 20:16	11.66	47.187	30.6		8.14	1.7	1.602	
983	4/6/2009 20:31	11.57	47.285	30.67		8.13	1.8	1.688	
984	4/6/2009 20:46	11.38	47.48	30.8		8.12	2.1	1.783	
985	4/6/2009 21:01	11.24	47.542	30.84		8.11	2.1	1.874	
986	4/6/2009 21:16	11.01	47.805	31.02		8.11	2.3	1.969	
987	4/6/2009 21:31	10.88	47.994	31.15		8.1	2.2	2.053	
988	4/6/2009 21:46	10.65	48.313	31.36		8.08	2.2	2.15	
989	4/6/2009 22:01	10.36	48.702	31.63		8.07	2.1	2.229	
990	4/6/2009 22:16	10.17	48.95	31.79		8.05	2.3	2.308	
991	4/6/2009 22:31	10.01	49.185	31.95		8.03	2.1	2.378	
992	4/6/2009 22:46	9.95	49.264	32.01		8.01	1.9	2.431	
993	4/6/2009 23:01	9.91	49.299	32.03		8.01	1.3	2.464	
994	4/6/2009 23:16	9.88	49.32	32.04		8.01	1.4	2.485	
995	4/6/2009 23:31	9.88	49.318	32.04		8	1.2	2.487	
996	4/6/2009 23:46	9.9	49.31	32.04		7.98	1.4	2.453	
997	4/7/2009 0:01	9.97	49.101	31.89		8	1.5	2.385	
998	4/7/2009 0:16	10.2	48.84	31.72		8.02	1.8	2.315	
999	4/7/2009 0:31	10.3	48.629	31.57		8.03	1.8	2.22	
1000	4/7/2009 0:46	10.37	48.327	31.36		8.03	1.6	2.115	
1001	4/7/2009 1:01	10.46	47.999	31.13		8.07	1.5	2.006	
1002	4/7/2009 1:16	10.51	47.711	30.92		8.06	1.3	1.887	
1003	4/7/2009 1:31	10.55	47.627	30.86		8.06	1.3	1.777	
1004	4/7/2009 1:46	10.62	47.467	30.75		8.06	1.2	1.667	
1005	4/7/2009 2:01	10.72	47.308	30.64		8.08	1.2	1.565	
1006	4/7/2009 2:16	10.83	47.119	30.52		8.07	1.2	1.455	
1007	4/7/2009 2:31	10.96	46.794	30.29		8.07	1.2	1.336	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1008	4/7/2009 2:46	11.09	46.633	30.18		8.08	1	1.23	
1009	4/7/2009 3:01	11.21	46.46	30.06		8.1	0.9	1.128	
1010	4/7/2009 3:16	11.32	46.293	29.95		8.1	0.8	1.018	
1011	4/7/2009 3:31	11.43	46.175	29.87		8.09	0.7	0.91	
1012	4/7/2009 3:46	11.56	46.118	29.83		8.09	0.7	0.816	
1013	4/7/2009 4:01	11.66	46.107	29.83		8.08	0.7	0.727	
1014	4/7/2009 4:16	11.81	46.069	29.81		8.08	0.9	0.649	
1015	4/7/2009 4:31	11.95	46.006	29.77		8.08	1	0.595	
1016	4/7/2009 4:46	12.03	45.962	29.74		8.07	1.1	0.571	
1017	4/7/2009 5:01	12.12	45.911	29.71		8.04	1.1	0.558	
1018	4/7/2009 5:16	12.16	45.935	29.73		8.05	1	0.575	
1019	4/7/2009 5:31	12.26	45.935	29.73		8.04	0.7	0.615	
1020	4/7/2009 5:46	12.47	46.025	29.8		8.01	0.2	0.673	
1021	4/7/2009 6:01	12.47	46.212	29.94		8.1	1	0.753	
1022	4/7/2009 6:16	12.38	46.301	30		8.14	1.8	0.834	
1023	4/7/2009 6:31	12.36	46.152	29.89		8.11	1.6	0.932	
1024	4/7/2009 6:46	12.32	46.059	29.82		8.11	2	1.022	
1025	4/7/2009 7:01	12.28	46.043	29.81		8.11	1.2	1.111	
1026	4/7/2009 7:16	12.18	46.177	29.9		8.11	1.2	1.205	
1027	4/7/2009 7:31	12.03	46.427	30.08		8.11	1.3	1.283	
1028	4/7/2009 7:46	11.87	46.598	30.19		8.09	1	1.372	
1029	4/7/2009 8:01	11.54	47.125	30.55		8.09	1.2	1.461	
1030	4/7/2009 8:16	11.38	47.336	30.7		8.09	1.5	1.55	
1031	4/7/2009 8:31	11.27	47.507	30.82		8.09	1.6	1.627	
1032	4/7/2009 8:46	11.2	47.612	30.89		8.09	1.6	1.714	
1033	4/7/2009 9:01	11.08	47.733	30.97		8.08	1.8	1.795	
1034	4/7/2009 9:16	10.93	47.932	31.1		8.07	1.9	1.876	
1035	4/7/2009 9:31	10.8	48.067	31.2		8.07	2	1.963	
1036	4/7/2009 9:46	10.57	48.271	31.33		8.06	1.9	2.049	
1037	4/7/2009 10:01	10.39	48.431	31.43		8.03	1.9	2.128	
1038	4/7/2009 10:16	10.28	48.537	31.5		8.04	1.9	2.205	
1039	4/7/2009 10:31	10.08	48.794	31.68		8.03	1.5	2.282	
1040	4/7/2009 10:46	9.95	48.936	31.77		7.99	1.5	2.34	
1041	4/7/2009 11:01	9.84	49.07	31.86		8	1.5	2.385	
1042	4/7/2009 11:16	9.76	49.157	31.92		7.96	1.2	2.416	
1043	4/7/2009 11:31	9.75	49.162	31.92		7.96	1.1	2.427	
1044	4/7/2009 11:46	9.77	49.127	31.9		7.97	1	2.417	
1045	4/7/2009 12:01	9.82	49.011	31.82		7.97	0.8	2.36	
1046	4/7/2009 12:16	9.95	48.716	31.61		7.97	1.5	2.291	
1047	4/7/2009 12:31	10.22	48.526	31.49		8.02	1.8	2.206	
1048	4/7/2009 12:46	10.39	48.398	31.41		8.03	1.6	2.117	
1049	4/7/2009 13:01	10.45	48.21	31.28		8.02	1.5	2.017	
1050	4/7/2009 13:16	10.54	47.992	31.13		8.04	1.4	1.903	
1051	4/7/2009 13:31	10.63	47.834	31.02		8.04	1.5	1.817	
1052	4/7/2009 13:46	10.74	47.684	30.92		8.06	1.5	1.701	
1053	4/7/2009 14:01	10.87	47.492	30.78		8.05	1.3	1.578	
1054	4/7/2009 14:16	11	47.12	30.52		8.07	1.2	1.49	
1055	4/7/2009 14:31	11.13	46.684	30.22		8.07	1.2	1.362	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1056	4/7/2009 14:46	11.31	46.512	30.1		8.09	1.2	1.272	
1057	4/7/2009 15:01	11.42	46.43	30.05		8.08	1.6	1.137	
1058	4/7/2009 15:16	11.5	46.332	29.98		8.05	1	1.036	
1059	4/7/2009 15:31	11.64	46.295	29.96		8.04	1	0.921	
1060	4/7/2009 15:46	11.79	46.26	29.94		8.04	1	0.817	
1061	4/7/2009 16:01	11.94	46.202	29.91		8.07	1	0.733	
1062	4/7/2009 16:16	12.08	46.087	29.83		8.06	1	0.624	
1063	4/7/2009 16:31	12.18	46.005	29.78		8.02	1	0.574	
1064	4/7/2009 16:46	12.27	45.77	29.61		8	0.9	0.522	
1065	4/7/2009 17:01	12.34	45.46	29.39		7.96	1.2	0.488	
1066	4/7/2009 17:16	12.41	45.514	29.43		7.96	1.2	0.491	
1067	4/7/2009 17:31	12.45	45.634	29.52		7.93	1	0.504	
1068	4/7/2009 17:46	12.53	45.767	29.62		7.92	0.5	0.544	
1069	4/7/2009 18:01	12.73	45.937	29.75		7.95	0.2	0.624	
1070	4/7/2009 18:16	12.81	46.238	29.97		8.14	0.9	0.687	
1071	4/7/2009 18:31	12.77	46.327	30.03		8.2	1.4	0.776	
1072	4/7/2009 18:46	12.75	46.118	29.88		8.2	1.6	0.874	
1073	4/7/2009 19:01	12.72	46.053	29.83		8.17	1.4	0.969	
1074	4/7/2009 19:16	12.64	46.082	29.85		8.17	1.5	1.058	
1075	4/7/2009 19:31	12.54	46.158	29.9		8.17	1.5	1.154	
1076	4/7/2009 19:46	12.41	46.382	30.06		8.18	1.3	1.26	
1077	4/7/2009 20:01	12.25	46.623	30.22		8.19	1.1	1.342	
1078	4/7/2009 20:16	11.84	47.113	30.56		8.17	1.5	1.449	
1079	4/7/2009 20:31	11.59	47.39	30.75		8.17	1.7	1.543	
1080	4/7/2009 20:46	11.49	47.477	30.81		8.16	2	1.637	
1081	4/7/2009 21:01	11.35	47.608	30.89		8.15	2.3	1.74	
1082	4/7/2009 21:16	11.22	47.687	30.94		8.15	2.6	1.833	
1083	4/7/2009 21:31	11.03	47.939	31.12		8.13	2.4	1.936	
1084	4/7/2009 21:46	10.8	48.15	31.26		8.13	2.7	2.034	
1085	4/7/2009 22:01	10.6	48.357	31.39		8.11	2.4	2.131	
1086	4/7/2009 22:16	10.43	48.546	31.52		8.09	2.5	2.232	
1087	4/7/2009 22:31	10.13	48.899	31.75		8.08	2.2	2.32	
1088	4/7/2009 22:46	9.92	49.129	31.91		8.07	2	2.403	
1089	4/7/2009 23:01	9.81	49.231	31.97		8.03	1.9	2.481	
1090	4/7/2009 23:16	9.75	49.294	32.01		8.01	1.9	2.543	
1091	4/7/2009 23:31	9.71	49.33	32.04		8.01	1.3	2.578	
1092	4/7/2009 23:46	9.67	49.36	32.06		8	1.3	2.609	
1093	4/8/2009 0:01	9.65	49.376	32.07		7.99	1	2.625	
1094	4/8/2009 0:16	9.7	49.349	32.05		7.99	0.9	2.579	
1095	4/8/2009 0:31	9.73	49.29	32.01		7.98	1	2.53	
1096	4/8/2009 0:46	9.8	49.171	31.93		7.99	1.6	2.464	
1097	4/8/2009 1:01	10	48.934	31.77		8.02	1.9	2.358	
1098	4/8/2009 1:16	10.11	48.679	31.6		8.04	1.8	2.255	
1099	4/8/2009 1:31	10.2	48.405	31.4		8.07	1.8	2.145	
1100	4/8/2009 1:46	10.27	48.186	31.25		8.07	1.6	2.02	
1101	4/8/2009 2:01	10.31	47.966	31.09		8.07	1.5	1.908	
1102	4/8/2009 2:16	10.4	47.787	30.97		8.11	1.9	1.784	
1103	4/8/2009 2:31	10.49	47.634	30.87		8.1	1.4	1.65	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1104	4/8/2009 2:46	10.6	47.444	30.74		8.1	1.5	1.536	
1105	4/8/2009 3:01	10.71	47.086	30.48		8.1	1.3	1.423	
1106	4/8/2009 3:16	10.79	46.731	30.23		8.11	1.3	1.285	
1107	4/8/2009 3:31	10.87	46.481	30.06		8.1	1.1	1.16	
1108	4/8/2009 3:46	10.97	46.373	29.99		8.12	1.1	1.048	
1109	4/8/2009 4:01	11.09	46.316	29.95		8.09	1	0.928	
1110	4/8/2009 4:16	11.19	46.274	29.93		8.09	1	0.803	
1111	4/8/2009 4:31	11.29	46.194	29.87		8.07	1	0.683	
1112	4/8/2009 4:46	11.39	46.036	29.77		8.04	1	0.581	
1113	4/8/2009 5:01	11.49	45.683	29.52		8	1.5	0.515	
1114	4/8/2009 5:16	11.58	45.097	29.1		7.95	2.3	0.435	
1115	4/8/2009 5:31	11.65	44.346	28.57		7.94	3.7	0.391	
1116	4/8/2009 5:46	11.69	44.54	28.71		7.93	3.5	0.404	
1117	4/8/2009 6:01	11.73	44.732	28.85		7.93	3	0.419	
1118	4/8/2009 6:16	11.76	45.147	29.15		7.92	1.6	0.454	
1119	4/8/2009 6:31	11.83	45.605	29.48		7.85	0.2	0.516	
1120	4/8/2009 6:46	12.04	46.153	29.88		7.95	0.8	0.603	
1121	4/8/2009 7:01	12.06	46.451	30.09		8.12	1.9	0.701	
1122	4/8/2009 7:16	12.03	46.284	29.97		8.1	1.7	0.786	
1123	4/8/2009 7:31	12.01	46.136	29.87		8.1	1.6	0.882	
1124	4/8/2009 7:46	11.99	46.058	29.81		8.09	1.8	0.984	
1125	4/8/2009 8:01	11.97	46.086	29.83		8.1	1.3	1.086	
1126	4/8/2009 8:16	11.92	46.26	29.95		8.11	1.2	1.179	
1127	4/8/2009 8:31	11.79	46.603	30.19		8.09	1.1	1.278	
1128	4/8/2009 8:46	11.58	46.973	30.45		8.1	1.2	1.377	
1129	4/8/2009 9:01	11.39	47.312	30.68		8.12	1.5	1.46	
1130	4/8/2009 9:16	11.29	47.472	30.79		8.13	1.9	1.562	
1131	4/8/2009 9:31	11.23	47.571	30.86		8.13	1.9	1.648	
1132	4/8/2009 9:46	11.09	47.736	30.97		8.12	2.1	1.742	
1133	4/8/2009 10:01	10.99	47.808	31.02		8.12	2.3	1.83	
1134	4/8/2009 10:16	10.88	47.949	31.11		8.11	2.1	1.92	
1135	4/8/2009 10:31	10.7	48.113	31.22		8.1	2.3	2.01	
1136	4/8/2009 10:46	10.55	48.251	31.31		8.09	2.4	2.097	
1137	4/8/2009 11:01	10.39	48.425	31.43		8.08	1.8	2.18	
1138	4/8/2009 11:16	10.12	48.745	31.64		8.04	2	2.26	
1139	4/8/2009 11:31	9.94	48.928	31.76		8.03	1.6	2.332	
1140	4/8/2009 11:46	9.86	49.029	31.83		8.03	1.2	2.391	
1141	4/8/2009 12:01	9.82	49.058	31.85		8.01	0.9	2.427	
1142	4/8/2009 12:16	9.81	49.056	31.85		8.01	0.9	2.456	
1143	4/8/2009 12:31	9.82	49.076	31.86		8	0.5	2.453	
1144	4/8/2009 12:46	9.86	49.065	31.86		7.99	0.9	2.412	
1145	4/8/2009 13:01	9.88	48.986	31.8		7.98	0.7	2.368	
1146	4/8/2009 13:16	9.92	48.802	31.67		7.99	1.2	2.292	
1147	4/8/2009 13:31	10.1	48.565	31.51		8.02	1.6	2.209	
1148	4/8/2009 13:46	10.33	48.313	31.34		8.04	1.4	2.101	
1149	4/8/2009 14:01	10.48	48.129	31.22		8.05	1.5	1.999	
1150	4/8/2009 14:16	10.67	47.966	31.12		8.07	1.8	1.895	
1151	4/8/2009 14:31	10.89	47.857	31.05		8.1	2.1	1.785	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1152	4/8/2009 14:46	10.98	47.754	30.98		8.1	1.5	1.678	
1153	4/8/2009 15:01	11.09	47.657	30.92		8.11	1.8	1.579	
1154	4/8/2009 15:16	11.25	47.432	30.76		8.13	1.6	1.466	
1155	4/8/2009 15:31	11.37	47.195	30.6		8.13	1.4	1.358	
1156	4/8/2009 15:46	11.52	46.967	30.44		8.14	1.7	1.234	
1157	4/8/2009 16:01	11.68	46.864	30.37		8.15	2.7	1.143	
1158	4/8/2009 16:16	11.82	46.807	30.34		8.17	1.9	1.044	
1159	4/8/2009 16:31	11.96	46.704	30.27		8.17	4.2	0.943	
1160	4/8/2009 16:46	12.06	46.633	30.22		8.19	1.4	0.865	
1161	4/8/2009 17:01	12.12	46.528	30.15		8.16	1	0.783	
1162	4/8/2009 17:16	12.17	46.403	30.06		8.12	0.7	0.722	
1163	4/8/2009 17:31	12.22	46.405	30.07		8.1	0.5	0.688	
1164	4/8/2009 17:46	12.27	46.362	30.04		8.08	0.5	0.656	
1165	4/8/2009 18:01	12.32	46.365	30.04		8.07	0.4	0.666	
1166	4/8/2009 18:16	12.35	46.352	30.03		8.03	0.3	0.689	
1167	4/8/2009 18:31	12.4	46.376	30.05		8.04	0.2	0.722	
1168	4/8/2009 18:46	12.49	46.481	30.13		8.11	0.5	0.785	
1169	4/8/2009 19:01	12.49	46.636	30.24		8.19	1.2	0.865	
1170	4/8/2009 19:16	12.46	46.591	30.21		8.22	1.7	0.968	
1171	4/8/2009 19:31	12.45	46.501	30.15		8.21	1.3	1.061	
1172	4/8/2009 19:46	12.38	46.561	30.19		8.2	1.4	1.163	
1173	4/8/2009 20:01	12.24	46.729	30.3		8.2	1.5	1.258	
1174	4/8/2009 20:16	12.18	46.805	30.35		8.2	1.5	1.351	
1175	4/8/2009 20:31	12.04	46.959	30.46		8.19	1.3	1.458	
1176	4/8/2009 20:46	11.8	47.259	30.66		8.18	1.4	1.548	
1177	4/8/2009 21:01	11.6	47.474	30.81		8.18	1.8	1.641	
1178	4/8/2009 21:16	11.47	47.53	30.84		8.16	1.8	1.74	
1179	4/8/2009 21:31	11.31	47.799	31.03		8.15	2	1.832	
1180	4/8/2009 21:46	11.16	47.916	31.11		8.16	2	1.935	
1181	4/8/2009 22:01	10.98	48.083	31.22		8.13	2.1	2.036	
1182	4/8/2009 22:16	10.73	48.296	31.36		8.13	2.1	2.138	
1183	4/8/2009 22:31	10.52	48.456	31.46		8.13	2.3	2.236	
1184	4/8/2009 22:46	10.33	48.67	31.6		8.11	2	2.328	
1185	4/8/2009 23:01	10.08	48.93	31.77		8.07	1.5	2.42	
1186	4/8/2009 23:16	9.91	49.078	31.87		8.06	1.3	2.51	
1187	4/8/2009 23:31	9.78	49.191	31.94		8.05	1.2	2.583	
1188	4/8/2009 23:46	9.72	49.228	31.97		8.04	1	2.637	
1189	4/9/2009 0:01	9.68	49.264	31.99		8.02	0.9	2.69	
1190	4/9/2009 0:16	9.66	49.275	31.99		8.02	0.6	2.714	
1191	4/9/2009 0:31	9.66	49.278	32		8.03	0.7	2.711	
1192	4/9/2009 0:46	9.68	49.273	31.99		8.02	0.7	2.695	
1193	4/9/2009 1:01	9.71	49.231	31.97		8	0.7	2.65	
1194	4/9/2009 1:16	9.8	49.125	31.9		8.01	1	2.571	
1195	4/9/2009 1:31	9.94	48.985	31.8		8.03	1.3	2.471	
1196	4/9/2009 1:46	10.08	48.787	31.67		8.05	1.5	2.366	
1197	4/9/2009 2:01	10.19	48.521	31.49		8.09	1.6	2.243	
1198	4/9/2009 2:16	10.29	48.335	31.36		8.08	1.5	2.122	
1199	4/9/2009 2:31	10.36	48.102	31.19		8.11	1.5	1.997	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1200	4/9/2009 2:46	10.45	47.943	31.09		8.12	1.6	1.863	
1201	4/9/2009 3:01	10.53	47.816	31		8.11	1.6	1.748	
1202	4/9/2009 3:16	10.6	47.608	30.85		8.11	1.4	1.61	
1203	4/9/2009 3:31	10.68	47.322	30.65		8.12	1.7	1.488	
1204	4/9/2009 3:46	10.74	47.026	30.44		8.13	1.2	1.338	
1205	4/9/2009 4:01	10.83	46.852	30.32		8.13	1.2	1.198	
1206	4/9/2009 4:16	10.93	46.716	30.23		8.13	1	1.072	
1207	4/9/2009 4:31	11.03	46.692	30.22		8.12	1	0.936	
1208	4/9/2009 4:46	11.12	46.64	30.19		8.1	1	0.798	
1209	4/9/2009 5:01	11.2	46.517	30.1		8.08	0.9	0.656	
1210	4/9/2009 5:16	11.29	46.106	29.81		8.03	1.4	0.523	
1211	4/9/2009 5:31	11.38	45.279	29.22		7.97	2.6	0.437	
1212	4/9/2009 5:46	11.46	43.908	28.25		7.93	4	0.322	
1213	4/9/2009 6:01	11.52	43.383	27.88		7.93	4.5	0.269	
1214	4/9/2009 6:16	11.58	43.238	27.78		7.92	5.4	0.239	
1215	4/9/2009 6:31	11.63	43.261	27.8		7.94	4.5	0.233	
1216	4/9/2009 6:46	11.67	43.386	27.89		7.93	3.8	0.266	
1217	4/9/2009 7:01	11.72	43.872	28.23		7.9	2.1	0.32	
1218	4/9/2009 7:16	11.8	44.887	28.96		7.82	0.1	0.41	
1219	4/9/2009 7:31	12.01	46.335	30.01		8.06	1.3	0.491	
1220	4/9/2009 7:46	12.01	46.428	30.07		8.13	1.9	0.579	
1221	4/9/2009 8:01	12.01	46.269	29.96		8.09	1.8	0.675	
1222	4/9/2009 8:16	12.01	46.129	29.86		8.09	1.6	0.774	
1223	4/9/2009 8:31	12	46.028	29.79		8.08	1.5	0.877	
1224	4/9/2009 8:46	11.98	46.048	29.8		8.08	1	0.965	
1225	4/9/2009 9:01	11.94	46.198	29.91		8.1	1.1	1.064	
1226	4/9/2009 9:16	11.87	46.465	30.1		8.11	1	1.158	
1227	4/9/2009 9:31	11.69	46.819	30.34		8.13	1.2	1.269	
1228	4/9/2009 9:46	11.57	47.056	30.51		8.13	1.3	1.354	
1229	4/9/2009 10:01	11.45	47.315	30.69		8.14	1.5	1.46	
1230	4/9/2009 10:16	11.37	47.439	30.77		8.12	1.7	1.562	
1231	4/9/2009 10:31	11.24	47.591	30.88		8.13	1.8	1.653	
1232	4/9/2009 10:46	11.12	47.719	30.96		8.13	1.5	1.748	
1233	4/9/2009 11:01	11.01	47.82	31.03		8.12	1.6	1.843	
1234	4/9/2009 11:16	10.86	47.95	31.11		8.11	1.6	1.939	
1235	4/9/2009 11:31	10.68	48.109	31.22		8.1	1.6	2.02	
1236	4/9/2009 11:46	10.53	48.25	31.31		8.1	1.3	2.098	
1237	4/9/2009 12:01	10.21	48.658	31.59		8.08	0.9	2.185	
1238	4/9/2009 12:16	10.02	48.878	31.73		8.09	1	2.264	
1239	4/9/2009 12:31	9.93	48.978	31.8		8.07	0.8	2.329	
1240	4/9/2009 12:46	9.89	49.016	31.82		8.05	0.7	2.37	
1241	4/9/2009 13:01	9.86	49.036	31.84		8.07	0.4	2.393	
1242	4/9/2009 13:16	9.86	49.045	31.84		8.05	0.4	2.39	
1243	4/9/2009 13:31	9.89	49.028	31.83		8.06	0.4	2.373	
1244	4/9/2009 13:46	9.91	48.985	31.8		8.04	0.4	2.326	
1245	4/9/2009 14:01	9.97	48.801	31.67		8.02	0.7	2.24	
1246	4/9/2009 14:16	10.14	48.535	31.49		8.04	1.3	2.161	
1247	4/9/2009 14:31	10.33	48.237	31.29		8.05	1.2	2.065	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1248	4/9/2009 14:46	10.47	48.001	31.13		8.06	1.2	1.953	
1249	4/9/2009 15:01	10.55	47.879	31.05		8.08	1.2	1.861	
1250	4/9/2009 15:16	10.62	47.778	30.98		8.08	1.2	1.765	
1251	4/9/2009 15:31	10.68	47.626	30.87		8.09	1.1	1.66	
1252	4/9/2009 15:46	10.75	47.503	30.79		8.1	1.1	1.562	
1253	4/9/2009 16:01	10.84	47.362	30.69		8.08	1	1.47	
1254	4/9/2009 16:16	10.95	47.087	30.5		8.08	1	1.359	
1255	4/9/2009 16:31	11.04	46.828	30.32		8.08	1	1.255	
1256	4/9/2009 16:46	11.14	46.634	30.18		8.08	0.9	1.172	
1257	4/9/2009 17:01	11.21	46.444	30.05		8.06	0.9	1.079	
1258	4/9/2009 17:16	11.28	46.275	29.93		8.03	0.9	0.98	
1259	4/9/2009 17:31	11.36	46.236	29.91		8.03	0.8	0.904	
1260	4/9/2009 17:46	11.43	46.212	29.89		8.03	0.9	0.846	
1261	4/9/2009 18:01	11.5	46.193	29.88		8.02	1	0.803	
1262	4/9/2009 18:16	11.58	46.165	29.87		8.03	1.2	0.763	
1263	4/9/2009 18:31	11.61	46.151	29.86		8.05	1.2	0.761	
1264	4/9/2009 18:46	11.64	46.148	29.86		8.02	1	0.795	
1265	4/9/2009 19:01	11.7	46.149	29.86		7.95	0.6	0.827	
1266	4/9/2009 19:16	11.77	46.202	29.9		7.92	0.2	0.869	
1267	4/9/2009 19:31	11.91	46.416	30.06		8.05	0.7	0.945	
1268	4/9/2009 19:46	11.93	46.606	30.2		8.18	1.2	1.043	
1269	4/9/2009 20:01	11.9	46.54	30.15		8.19	1.3	1.135	
1270	4/9/2009 20:16	11.88	46.451	30.09		8.17	1	1.228	
1271	4/9/2009 20:31	11.85	46.401	30.05		8.15	0.7	1.321	
1272	4/9/2009 20:46	11.77	46.57	30.17		8.18	0.4	1.419	
1273	4/9/2009 21:01	11.64	46.913	30.41		8.17	0.4	1.515	
1274	4/9/2009 21:16	11.47	47.206	30.61		8.17	0.5	1.598	
1275	4/9/2009 21:31	11.29	47.432	30.76		8.15	0.5	1.692	
1276	4/9/2009 21:46	11.13	47.683	30.94		8.13	0.8	1.782	
1277	4/9/2009 22:01	11	47.811	31.02		8.13	1	1.879	
1278	4/9/2009 22:16	10.9	47.919	31.09		8.13	0.9	1.973	
1279	4/9/2009 22:31	10.74	48.112	31.22		8.12	1.1	2.071	
1280	4/9/2009 22:46	10.58	48.237	31.31		8.14	1.1	2.163	
1281	4/9/2009 23:01	10.36	48.459	31.45		8.12	1.1	2.271	
1282	4/9/2009 23:16	10.2	48.653	31.58		8.11	0.9	2.368	
1283	4/9/2009 23:31	10.05	48.813	31.69		8.11	0.8	2.456	
1284	4/9/2009 23:46	9.87	49.023	31.83		8.11	0.6	2.548	
1285	4/10/2009 0:01	9.73	49.178	31.93		8.11	0.5	2.623	
1286	4/10/2009 0:16	9.67	49.223	31.96		8.1	0.5	2.675	
1287	4/10/2009 0:31	9.64	49.252	31.98		8.1	0.5	2.722	
1288	4/10/2009 0:46	9.61	49.279	31.99		8.1	0.3	2.747	
1289	4/10/2009 1:01	9.62	49.271	31.99		8.09	0.4	2.756	
1290	4/10/2009 1:16	9.64	49.275	31.99		8.08	0.4	2.732	
1291	4/10/2009 1:31	9.69	49.22	31.96		8.05	0.2	2.673	
1292	4/10/2009 1:46	9.73	49.111	31.88		8.05	0.6	2.599	
1293	4/10/2009 2:01	9.8	48.919	31.75		8.08	1	2.502	
1294	4/10/2009 2:16	9.91	48.732	31.62		8.08	1.2	2.389	
1295	4/10/2009 2:31	9.97	48.5	31.46		8.09	1	2.26	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1296	4/10/2009 2:46	10.02	48.338	31.34		8.1	0.9	2.156	
1297	4/10/2009 3:01	10.08	48.14	31.21		8.08	0.9	2.036	
1298	4/10/2009 3:16	10.14	47.942	31.07		8.09	1	1.905	
1299	4/10/2009 3:31	10.19	47.79	30.96		8.1	1	1.771	
1300	4/10/2009 3:46	10.27	47.502	30.76		8.11	1.2	1.643	
1301	4/10/2009 4:01	10.36	47.215	30.56		8.11	1.4	1.516	
1302	4/10/2009 4:16	10.39	46.804	30.26		8.12	1	1.363	
1303	4/10/2009 4:31	10.45	46.71	30.2		8.09	0.9	1.233	
1304	4/10/2009 4:46	10.51	46.651	30.16		8.08	0.9	1.101	
1305	4/10/2009 5:01	10.58	46.562	30.1		8.06	0.9	0.963	
1306	4/10/2009 5:16	10.64	46.364	29.96		8.03	1	0.803	
1307	4/10/2009 5:31	10.7	46.274	29.9		8.01	1.3	0.657	
1308	4/10/2009 5:46	10.76	45.824	29.58		8	1.3	0.533	
1309	4/10/2009 6:01	10.83	45.151	29.11		7.96	1.6	0.41	
1310	4/10/2009 6:16	10.88	43.849	28.18		7.9	2.9	0.295	
1311	4/10/2009 6:31	10.91	43.457	27.9		7.89	3.4	0.201	
1312	4/10/2009 6:46								
1313	4/10/2009 7:01								
1314	4/10/2009 7:16								
1315	4/10/2009 7:31								
1316	4/10/2009 7:46	11.04	43.515	27.95		7.86	2.6	0.258	
1317	4/10/2009 8:01	11.07	44.312	28.52		7.77	0.5	0.342	
1318	4/10/2009 8:16	11.13	45.11	29.09		7.71	0.2	0.412	
1319	4/10/2009 8:31	11.22	46.277	29.93		8.12	2	0.514	
1320	4/10/2009 8:46	11.21	45.974	29.71		8.11	1.7	0.606	
1321	4/10/2009 9:01	11.21	45.606	29.45		8.09	1.6	0.686	
1322	4/10/2009 9:16	11.21	45.389	29.29		8.07	1.4	0.782	
1323	4/10/2009 9:31	11.22	45.421	29.32		8.05	0.8	0.881	
1324	4/10/2009 9:46	11.24	46.217	29.89		8.08	0.6	0.973	
1325	4/10/2009 10:01	11.21	46.5	30.09		8.1	0.7	1.087	
1326	4/10/2009 10:16	11.12	46.702	30.23		8.11	0.9	1.19	
1327	4/10/2009 10:31	11.06	46.9	30.37		8.12	1	1.294	
1328	4/10/2009 10:46	11.04	46.956	30.41		8.12	0.9	1.393	
1329	4/10/2009 11:01	11.01	47.183	30.57		8.13	0.9	1.497	
1330	4/10/2009 11:16	10.97	47.449	30.76		8.13	1.2	1.595	
1331	4/10/2009 11:31	10.89	47.562	30.84		8.13	1.3	1.681	
1332	4/10/2009 11:46	10.82	47.683	30.92		8.13	1.4	1.773	
1333	4/10/2009 12:01	10.74	47.799	31		8.15	1.3	1.855	
1334	4/10/2009 12:16	10.61	47.964	31.11		8.13	1.1	1.94	
1335	4/10/2009 12:31	10.54	48.076	31.19		8.14	1	2.012	
1336	4/10/2009 12:46	10.43	48.205	31.27		8.11	0.8	2.091	
1337	4/10/2009 13:01	10.23	48.479	31.46		8.13	0.6	2.161	
1338	4/10/2009 13:16	10.09	48.708	31.61		8.11	0.6	2.217	
	Mean	10.96	45.46	29.34		7.96	1.96	1.47	
	Minimum	9.33	37.96	24.09		7.56	0.10	0.20	
	Maximum	13.69	49.38	32.07		8.22	13.40	2.76	
	Standard Dev.	0.90	2.43	1.70		0.11	1.38	0.65	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
Prior to housing replacement on 4/29/09, D.O. values suppressed during very low tide events in the months of March and April due to significant fouling of housing near probes (biota consuming all oxygen in low water levels with low flows)									

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
0	4/10/2009 13:46	10.27	49.434	32.15		7.94		2.381	
1	4/10/2009 14:01	10.28	49.532	32.22		8.03		2.391	
2	4/10/2009 14:16	10.29	49.544	32.23		8.05		2.378	
3	4/10/2009 14:31	10.34	49.528	32.22		7.9		2.346	
4	4/10/2009 14:46	10.45	49.419	32.15		8.04		2.283	
5	4/10/2009 15:01	10.56	48.579	31.55		8.02		2.218	
6	4/10/2009 15:16	10.74	48.463	31.48		7.82		2.123	
7	4/10/2009 15:31	10.85	48.442	31.47		7.81		2.029	
8	4/10/2009 15:46	10.97	48.446	31.48		8		1.938	
9	4/10/2009 16:01	11.08	48.37	31.43		8.01		1.836	
10	4/10/2009 16:16	11.19	48.287	31.37		8.02		1.748	
11	4/10/2009 16:31	11.31	48.148	31.28		8.03		1.658	
12	4/10/2009 16:46	11.47	47.97	31.16		8.03		1.563	
13	4/10/2009 17:01	11.65	47.841	31.08		7.8		1.478	
14	4/10/2009 17:16	11.89	47.652	30.95		7.8		1.388	
15	4/10/2009 17:31	12	47.497	30.84		7.79		1.311	
16	4/10/2009 17:46	12.13	47.264	30.68		8.01		1.227	
17	4/10/2009 18:01	12.22	47.085	30.56		7.99		1.163	
18	4/10/2009 18:16	12.28	46.92	30.44		7.75		1.108	
19	4/10/2009 18:31	12.36	46.792	30.35		7.74		1.051	
20	4/10/2009 18:46	12.41	46.773	30.34		7.73		1.039	
21	4/10/2009 19:01	12.47	46.755	30.33		7.96		1.019	
22	4/10/2009 19:16	12.51	46.773	30.34		7.96		1.028	
23	4/10/2009 19:31	12.55	46.768	30.34		7.72		1.051	
24	4/10/2009 19:46	12.62	46.846	30.4		7.68		1.095	
25	4/10/2009 20:01	12.78	47.197	30.66		7.87		1.161	
26	4/10/2009 20:16	12.82	47.441	30.84		8.16		1.234	
27	4/10/2009 20:31	12.78	47.474	30.86		7.98		1.325	
28	4/10/2009 20:46	12.82	47.376	30.79		7.99		1.399	
29	4/10/2009 21:01	12.82	47.436	30.83		7.96		1.491	
30	4/10/2009 21:16	12.67	47.621	30.96		7.98		1.576	
31	4/10/2009 21:31	12.49	47.869	31.13		8.21		1.654	
32	4/10/2009 21:46	12.23	48.222	31.38		8.2		1.743	
33	4/10/2009 22:01	11.92	48.518	31.58		8.19		1.827	
34	4/10/2009 22:16	11.63	48.758	31.74		7.95		1.915	
35	4/10/2009 22:31	11.49	48.92	31.85		8.17		2.008	
36	4/10/2009 22:46	11.38	49.037	31.93		8.17		2.097	
37	4/10/2009 23:01	11.2	49.205	32.04		7.93		2.189	
38	4/10/2009 23:16	11.02	49.273	32.08		7.93		2.283	
39	4/10/2009 23:31	10.76	49.493	32.22		7.91		2.374	
40	4/10/2009 23:46	10.56	49.739	32.39		8.11		2.466	
41	4/11/2009 0:01	10.4	49.95	32.53		8.1		2.552	
42	4/11/2009 0:16	10.26	50.107	32.64		8.09		2.64	
43	4/11/2009 0:31	10.16	50.219	32.71		8.08		2.697	
44	4/11/2009 0:46	10.03	50.384	32.82		8.06		2.759	
45	4/11/2009 1:01	9.98	50.404	32.83		7.83		2.797	
46	4/11/2009 1:16	9.96	50.458	32.87		8.03		2.818	
47	4/11/2009 1:31	9.95	50.447	32.86		7.82		2.824	

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
48	4/11/2009 1:46	9.97	50.403	32.83		7.82		2.798	
49	4/11/2009 2:01	10.01	50.251	32.72		7.81		2.745	
50	4/11/2009 2:16	10.06	50.178	32.67		8.04		2.675	
51	4/11/2009 2:31	10.2	49.923	32.5		7.83		2.575	
52	4/11/2009 2:46	10.31	49.712	32.35		7.84		2.472	
53	4/11/2009 3:01	10.38	49.474	32.19		7.86		2.352	
54	4/11/2009 3:16	10.46	49.307	32.07		8.1		2.239	
55	4/11/2009 3:31	10.53	49.085	31.91		7.88		2.123	
56	4/11/2009 3:46	10.65	48.998	31.86		7.88		2.01	
57	4/11/2009 4:01	10.76	48.76	31.69		8.12		1.869	
58	4/11/2009 4:16	10.84	48.357	31.41		8.13		1.76	
59	4/11/2009 4:31	10.94	47.962	31.13		7.89		1.636	
60	4/11/2009 4:46	11.04	47.697	30.94		8.11		1.49	
61	4/11/2009 5:01	11.14	47.628	30.9		7.87		1.358	
62	4/11/2009 5:16	11.26	47.414	30.75		7.83		1.229	
63	4/11/2009 5:31	11.35	47.091	30.52		7.75		1.075	
64	4/11/2009 5:46	11.45	46.803	30.32		7.94		0.939	
65	4/11/2009 6:01	11.54	46.56	30.15		7.7		0.79	
66	4/11/2009 6:16	11.62	46.391	30.03		7.69		0.641	
67	4/11/2009 6:31	11.72	46.31	29.98		7.92		0.533	
68	4/11/2009 6:46	11.82	46.193	29.9		7.91		0.398	
69	4/11/2009 7:01	11.86	46.097	29.83		7.69		0.304	
70	4/11/2009 7:16	11.92	46.088	29.83		7.91		0.24	
71	4/11/2009 7:31								
72	4/11/2009 7:46	12.04	46.058	29.81		7.67		0.202	
73	4/11/2009 8:01	12.08	46.07	29.82		7.67		0.231	
74	4/11/2009 8:16	12.12	46.089	29.84		7.67		0.308	
75	4/11/2009 8:31	12.17	46.103	29.85		7.86		0.366	
76	4/11/2009 8:46	12.25	46.196	29.92		7.52		0.454	
77	4/11/2009 9:01	12.36	46.529	30.16		7.93		0.527	
78	4/11/2009 9:16	12.45	46.287	29.99		8.06		0.611	
79	4/11/2009 9:31	12.49	46.126	29.88		7.8		0.696	
80	4/11/2009 9:46	12.5	46.122	29.87		7.83		0.765	
81	4/11/2009 10:01	12.51	46.071	29.84		7.83		0.869	
82	4/11/2009 10:16	12.49	46.151	29.9		8.08		0.947	
83	4/11/2009 10:31	12.49	46.123	29.87		7.89		1.042	
84	4/11/2009 10:46	12.44	46.223	29.94		7.9		1.149	
85	4/11/2009 11:01	12.38	46.238	29.95		7.89		1.249	
86	4/11/2009 11:16	12.3	46.382	30.05		7.88		1.354	
87	4/11/2009 11:31	12.04	47.492	30.84		7.88		1.45	
88	4/11/2009 11:46	11.95	47.879	31.12		7.89		1.551	
89	4/11/2009 12:01	11.88	48.187	31.34		7.91		1.642	
90	4/11/2009 12:16	11.78	48.365	31.46		7.93		1.731	
91	4/11/2009 12:31	11.67	48.451	31.52		7.93		1.806	
92	4/11/2009 12:46	11.57	48.553	31.59		7.92		1.887	
93	4/11/2009 13:01	11.47	48.66	31.66		7.9		1.961	
94	4/11/2009 13:16	11.37	48.794	31.75		8.13		2.024	
95	4/11/2009 13:31	11.29	48.918	31.84		8.12		2.101	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
96	4/11/2009 13:46	11.16	49.016	31.9		7.88		2.162	
97	4/11/2009 14:01	10.97	49.248	32.06		7.87		2.21	
98	4/11/2009 14:16	10.81	49.497	32.23		7.85		2.262	
99	4/11/2009 14:31	10.74	49.585	32.29		7.84		2.29	
100	4/11/2009 14:46	10.73	49.603	32.3		7.83		2.297	
101	4/11/2009 15:01	10.73	49.599	32.3		7.83		2.295	
102	4/11/2009 15:16	10.75	49.492	32.22		7.83		2.272	
103	4/11/2009 15:31	10.8	49.159	31.98		7.82		2.202	
104	4/11/2009 15:46	10.79	48.956	31.84		7.83		2.14	
105	4/11/2009 16:01	11.02	48.882	31.8		7.83		2.068	
106	4/11/2009 16:16	11.27	48.701	31.68		8.08		1.97	
107	4/11/2009 16:31	11.39	48.549	31.57		7.84		1.888	
108	4/11/2009 16:46	11.53	48.408	31.48		7.85		1.8	
109	4/11/2009 17:01	11.64	48.327	31.43		7.85		1.725	
110	4/11/2009 17:16	11.77	48.143	31.3		8.08		1.64	
111	4/11/2009 17:31	11.86	47.842	31.09		7.82		1.558	
112	4/11/2009 17:46	11.98	47.447	30.81		7.82		1.484	
113	4/11/2009 18:01	12.08	46.803	30.35		7.81		1.404	
114	4/11/2009 18:16	12.14	46.529	30.15		7.8		1.347	
115	4/11/2009 18:31	12.23	46.368	30.04		7.8		1.277	
116	4/11/2009 18:46	12.31	46.264	29.97		7.79		1.227	
117	4/11/2009 19:01	12.39	46.251	29.96		7.78		1.193	
118	4/11/2009 19:16	12.49	46.227	29.95		7.77		1.153	
119	4/11/2009 19:31	12.53	46.21	29.94		7.77		1.152	
120	4/11/2009 19:46	12.57	46.213	29.94		7.76		1.148	
121	4/11/2009 20:01	12.57	46.261	29.98		7.77		1.181	
122	4/11/2009 20:16	12.59	46.304	30.01		7.91		1.222	
123	4/11/2009 20:31	12.62	46.373	30.06		7.63		1.26	
124	4/11/2009 20:46	12.67	46.605	30.23		7.56		1.337	
125	4/11/2009 21:01	12.68	47.311	30.74		7.89		1.411	
126	4/11/2009 21:16	12.7	47.355	30.77		7.96		1.485	
127	4/11/2009 21:31	12.68	47.364	30.78		7.95		1.558	
128	4/11/2009 21:46	12.55	47.609	30.95		7.95		1.644	
129	4/11/2009 22:01	12.42	47.873	31.13		7.95		1.719	
130	4/11/2009 22:16	12.29	48.014	31.23		7.94		1.788	
131	4/11/2009 22:31	12.02	48.425	31.51		7.93		1.87	
132	4/11/2009 22:46	11.8	48.658	31.67		7.93		1.943	
133	4/11/2009 23:01	11.62	48.842	31.8		8.14		2.024	
134	4/11/2009 23:16	11.5	48.96	31.88		8.15		2.103	
135	4/11/2009 23:31	11.37	49.014	31.91		7.91		2.181	
136	4/11/2009 23:46	11.13	49.156	32		7.89		2.263	
137	4/12/2009 0:01	10.9	49.4	32.16		7.87		2.349	
138	4/12/2009 0:16	10.73	49.59	32.29		7.86		2.426	
139	4/12/2009 0:31	10.59	49.735	32.39		7.84		2.498	
140	4/12/2009 0:46	10.46	49.841	32.46		7.83		2.576	
141	4/12/2009 1:01	10.33	50.022	32.58		8.02		2.637	
142	4/12/2009 1:16	10.23	50.124	32.65		8.01		2.683	
143	4/12/2009 1:31	10.14	50.203	32.7		7.99		2.725	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
144	4/12/2009 1:46	10.09	50.252	32.73		7.77		2.752	
145	4/12/2009 2:01	10.08	50.247	32.73		7.76		2.754	
146	4/12/2009 2:16	10.09	50.226	32.71		7.97		2.728	
147	4/12/2009 2:31	10.09	50.076	32.6		7.76		2.682	
148	4/12/2009 2:46	10.19	49.86	32.45		7.77		2.641	
149	4/12/2009 3:01	10.37	49.777	32.4		7.78		2.542	
150	4/12/2009 3:16	10.49	49.588	32.27		7.8		2.452	
151	4/12/2009 3:31	10.56	49.435	32.17		7.81		2.363	
152	4/12/2009 3:46	10.68	49.184	31.99		7.84		2.251	
153	4/12/2009 4:01	10.79	49.005	31.87		7.85		2.137	
154	4/12/2009 4:16	10.87	48.861	31.77		7.85		2.03	
155	4/12/2009 4:31	10.96	48.586	31.58		7.86		1.913	
156	4/12/2009 4:46	11.04	48.259	31.35		8.09		1.794	
157	4/12/2009 5:01	11.12	47.857	31.06		7.86		1.664	
158	4/12/2009 5:16	11.22	47.62	30.9		8.07		1.531	
159	4/12/2009 5:31	11.35	47.221	30.62		7.8		1.394	
160	4/12/2009 5:46	11.43	46.591	30.17		7.72		1.263	
161	4/12/2009 6:01	11.52	46.368	30.01		7.71		1.122	
162	4/12/2009 6:16	11.59	46.275	29.95		7.93		0.973	
163	4/12/2009 6:31	11.69	46.234	29.92		7.92		0.844	
164	4/12/2009 6:46	11.81	46.205	29.91		7.7		0.701	
165	4/12/2009 7:01	11.94	46.168	29.88		7.7		0.572	
166	4/12/2009 7:16	12.06	46.17	29.89		7.92		0.464	
167	4/12/2009 7:31	12.14	46.129	29.87		7.69		0.369	
168	4/12/2009 7:46	12.23	46.117	29.86		7.92		0.284	
169	4/12/2009 8:01	12.3	46.087	29.84		7.91		0.234	
170	4/12/2009 8:16	12.36	46.087	29.84		7.67		0.239	
171	4/12/2009 8:31	12.41	46.108	29.86		7.65		0.252	
172	4/12/2009 8:46	12.46	46.126	29.88		7.87		0.303	
173	4/12/2009 9:01	12.49	46.076	29.84		7.62		0.364	
174	4/12/2009 9:16	12.51	46.135	29.88		7.84		0.437	
175	4/12/2009 9:31	12.56	46.151	29.9		7.78		0.497	
176	4/12/2009 9:46	12.65	46.33	30.03		7.63		0.555	
177	4/12/2009 10:01	12.76	46.383	30.07		8.03		0.634	
178	4/12/2009 10:16	12.79	46.37	30.06		8		0.707	
179	4/12/2009 10:31	12.79	46.35	30.05		7.73		0.774	
180	4/12/2009 10:46	12.77	46.376	30.07		7.84		0.855	
181	4/12/2009 11:01	12.74	46.403	30.09		7.88		0.942	
182	4/12/2009 11:16	12.74	46.449	30.12		7.86		1.023	
183	4/12/2009 11:31	12.69	46.456	30.12		7.87		1.114	
184	4/12/2009 11:46	12.62	46.566	30.2		8.1		1.219	
185	4/12/2009 12:01	12.52	46.705	30.29		8.12		1.305	
186	4/12/2009 12:16	12.52	46.825	30.38		8.14		1.409	
187	4/12/2009 12:31	12.54	46.767	30.34		7.9		1.51	
188	4/12/2009 12:46	12.45	47.286	30.71		7.9		1.588	
189	4/12/2009 13:01	12.15	48.084	31.27		8.11		1.675	
190	4/12/2009 13:16	11.98	48.407	31.5		8.12		1.757	
191	4/12/2009 13:31	11.9	48.533	31.59		7.9		1.824	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
192	4/12/2009 13:46	11.89	48.501	31.56		7.89		1.891	
193	4/12/2009 14:01	11.81	48.637	31.66		7.88		1.958	
194	4/12/2009 14:16	11.68	48.737	31.72		7.87		2.025	
195	4/12/2009 14:31	11.61	48.767	31.74		7.86		2.073	
196	4/12/2009 14:46	11.57	48.824	31.78		7.85		2.106	
197	4/12/2009 15:01	11.5	48.915	31.84		8.06		2.151	
198	4/12/2009 15:16	11.46	48.919	31.85		8.04		2.165	
199	4/12/2009 15:31	11.38	48.895	31.82		7.81		2.189	
200	4/12/2009 15:46	11.35	48.968	31.88		8.02		2.188	
201	4/12/2009 16:01	11.32	48.872	31.8		7.81		2.155	
202	4/12/2009 16:16	11.23	48.766	31.72		7.79		2.086	
203	4/12/2009 16:31	11.19	48.766	31.72		7.79		2.048	
204	4/12/2009 16:46	11.3	48.746	31.71		7.8		2.001	
205	4/12/2009 17:01	11.72	48.562	31.6		7.82		1.894	
206	4/12/2009 17:16	11.94	48.493	31.56		8.04		1.833	
207	4/12/2009 17:31	12.14	48.351	31.47		7.81		1.764	
208	4/12/2009 17:46	12.26	47.988	31.21		7.81		1.674	
209	4/12/2009 18:01	12.33	47.443	30.82		8.04		1.603	
210	4/12/2009 18:16	12.39	47.092	30.57		8.04		1.544	
211	4/12/2009 18:31	12.49	46.83	30.38		7.81		1.493	
212	4/12/2009 18:46	12.56	46.848	30.4		8.04		1.435	
213	4/12/2009 19:01	12.65	46.746	30.33		7.8		1.402	
214	4/12/2009 19:16	12.71	46.77	30.35		8.03		1.347	
215	4/12/2009 19:31	12.8	46.689	30.29		8.01		1.293	
216	4/12/2009 19:46	12.84	46.687	30.29		7.78		1.3	
217	4/12/2009 20:01	12.89	46.645	30.26		7.77		1.274	
218	4/12/2009 20:16	12.89	46.696	30.3		7.77		1.298	
219	4/12/2009 20:31	12.91	46.678	30.29		7.76		1.294	
220	4/12/2009 20:46	12.93	46.8	30.38		7.93		1.357	
221	4/12/2009 21:01	12.95	46.816	30.39		7.68		1.394	
222	4/12/2009 21:16	12.98	47.033	30.55		7.58		1.442	
223	4/12/2009 21:31	12.97	47.236	30.69		7.63		1.48	
224	4/12/2009 21:46	12.92	47.673	31.01		7.85		1.564	
225	4/12/2009 22:01	12.88	47.757	31.07		8.12		1.624	
226	4/12/2009 22:16	12.79	47.859	31.14		7.88		1.697	
227	4/12/2009 22:31	12.68	48.001	31.24		7.88		1.749	
228	4/12/2009 22:46	12.55	48.144	31.33		7.89		1.795	
229	4/12/2009 23:01	12.42	48.242	31.4		7.88		1.867	
230	4/12/2009 23:16	12.23	48.488	31.57		7.87		1.947	
231	4/12/2009 23:31	12.02	48.735	31.74		7.86		2.001	
232	4/12/2009 23:46	11.7	49.087	31.98		7.85		2.092	
233	4/13/2009 0:01	11.51	49.228	32.07		7.85		2.159	
234	4/13/2009 0:16	11.22	49.547	32.29		8.04		2.273	
235	4/13/2009 0:31	11.18	49.575	32.31		8.03		2.309	
236	4/13/2009 0:46	11.07	49.619	32.33		7.84		2.382	
237	4/13/2009 1:01	10.97	49.635	32.34		7.82		2.452	
238	4/13/2009 1:16	10.81	49.782	32.43		7.81		2.539	
239	4/13/2009 1:31	10.68	49.902	32.51		7.79		2.589	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
240	4/13/2009 1:46	10.61	49.951	32.55		7.78		2.627	
241	4/13/2009 2:01	10.54	49.979	32.56		7.95		2.635	
242	4/13/2009 2:16	10.48	50.036	32.6		7.92		2.661	
243	4/13/2009 2:31	10.48	50.027	32.59		7.92		2.656	
244	4/13/2009 2:46	10.47	49.98	32.56		7.91		2.635	
245	4/13/2009 3:01	10.49	49.846	32.46		7.92		2.574	
246	4/13/2009 3:16	10.5	49.787	32.42		7.92		2.533	
247	4/13/2009 3:31	10.58	49.635	32.31		7.76		2.456	
248	4/13/2009 3:46	10.62	49.588	32.28		7.77		2.378	
249	4/13/2009 4:01	10.66	49.508	32.23		7.77		2.302	
250	4/13/2009 4:16	10.76	49.333	32.11		7.79		2.193	
251	4/13/2009 4:31	10.9	49.064	31.92		7.8		2.103	
252	4/13/2009 4:46	11.03	48.77	31.71		7.81		1.996	
253	4/13/2009 5:01	11.14	48.503	31.53		7.81		1.901	
254	4/13/2009 5:16	11.19	48.235	31.34		7.99		1.801	
255	4/13/2009 5:31	11.28	47.947	31.13		7.79		1.669	
256	4/13/2009 5:46	11.41	47.781	31.02		7.78		1.56	
257	4/13/2009 6:01	11.5	47.368	30.73		7.75		1.439	
258	4/13/2009 6:16	11.58	47.053	30.5		7.94		1.307	
259	4/13/2009 6:31	11.66	46.78	30.31		7.93		1.169	
260	4/13/2009 6:46	11.75	46.639	30.22		7.72		1.06	
261	4/13/2009 7:01	11.83	46.559	30.16		7.72		0.92	
262	4/13/2009 7:16	11.9	46.388	30.04		7.7		0.795	
263	4/13/2009 7:31	12	46.402	30.06		7.69		0.669	
264	4/13/2009 7:46	12.1	46.306	29.99		7.87		0.569	
265	4/13/2009 8:01	12.21	45.989	29.77		7.65		0.492	
266	4/13/2009 8:16	12.27	45.65	29.53		7.65		0.395	
267	4/13/2009 8:31	12.33	45.455	29.39		7.64		0.318	
268	4/13/2009 8:46	12.39	45.458	29.39		7.64		0.305	
269	4/13/2009 9:01	12.45	45.499	29.43		7.83		0.305	
270	4/13/2009 9:16	12.51	45.521	29.44		7.62		0.328	
271	4/13/2009 9:31	12.55	45.564	29.48		7.82		0.347	
272	4/13/2009 9:46	12.59	45.651	29.54		7.8		0.409	
273	4/13/2009 10:01	12.63	45.744	29.61		7.77		0.459	
274	4/13/2009 10:16	12.69	46.021	29.81		7.48		0.514	
275	4/13/2009 10:31	12.82	46.499	30.16		7.65		0.572	
276	4/13/2009 10:46	12.88	46.798	30.37		7.79		0.64	
277	4/13/2009 11:01	12.97	47.057	30.57		7.72		0.717	
278	4/13/2009 11:16	13	47.179	30.65		8.06		0.76	
279	4/13/2009 11:31	13.01	47.169	30.65		7.84		0.847	
280	4/13/2009 11:46	13	47.161	30.64		8.04		0.927	
281	4/13/2009 12:01	12.96	47.191	30.66		8.04		1.014	
282	4/13/2009 12:16	12.91	47.232	30.69		8.04		1.093	
283	4/13/2009 12:31	12.84	47.303	30.74		8.05		1.186	
284	4/13/2009 12:46	12.77	47.359	30.78		7.85		1.277	
285	4/13/2009 13:01	12.71	47.447	30.84		8.07		1.369	
286	4/13/2009 13:16	12.71	47.466	30.85		8.07		1.44	
287	4/13/2009 13:31	12.72	47.443	30.83		7.86		1.532	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
288	4/13/2009 13:46	12.73	47.592	30.94		7.87		1.61	
289	4/13/2009 14:01	12.71	47.669	31		7.86		1.682	
290	4/13/2009 14:16	12.64	47.735	31.04		7.85		1.744	
291	4/13/2009 14:31	12.48	48.072	31.28		8.03		1.808	
292	4/13/2009 14:46	12.35	48.125	31.31		7.82		1.856	
293	4/13/2009 15:01	12.22	48.362	31.48		7.8		1.909	
294	4/13/2009 15:16	12.15	48.508	31.58		7.81		1.943	
295	4/13/2009 15:31	12.11	48.589	31.64		7.8		1.979	
296	4/13/2009 15:46	12.08	48.618	31.66		7.79		2.002	
297	4/13/2009 16:01	12.05	48.669	31.69		7.78		2.022	
298	4/13/2009 16:16	12.03	48.696	31.71		7.96		2.026	
299	4/13/2009 16:31	12	48.676	31.7		7.95		2.023	
300	4/13/2009 16:46	11.99	48.634	31.66		7.73		2.01	
301	4/13/2009 17:01	12.01	48.608	31.65		7.9		1.978	
302	4/13/2009 17:16	12.13	48.478	31.56		7.9		1.925	
303	4/13/2009 17:31	12.22	48.361	31.48		7.91		1.885	
304	4/13/2009 17:46	12.31	48.138	31.32		7.93		1.838	
305	4/13/2009 18:01	12.34	47.865	31.12		7.74		1.789	
306	4/13/2009 18:16	12.34	47.774	31.06		7.96		1.716	
307	4/13/2009 18:31	12.33	47.654	30.97		7.77		1.665	
308	4/13/2009 18:46	12.36	47.628	30.95		7.74		1.61	
309	4/13/2009 19:01	12.41	47.611	30.94		7.93		1.554	
310	4/13/2009 19:16	12.47	47.538	30.89		7.73		1.509	
311	4/13/2009 19:31	12.56	47.533	30.89		7.74		1.46	
312	4/13/2009 19:46	12.6	47.539	30.9		7.94		1.43	
313	4/13/2009 20:01	12.67	47.466	30.85		7.94		1.396	
314	4/13/2009 20:16	12.72	47.476	30.86		7.74		1.375	
315	4/13/2009 20:31	12.76	47.439	30.83		7.74		1.367	
316	4/13/2009 20:46	12.79	47.415	30.82		7.73		1.363	
317	4/13/2009 21:01	12.82	47.46	30.85		7.72		1.37	
318	4/13/2009 21:16	12.83	47.467	30.86		7.71		1.396	
319	4/13/2009 21:31	12.87	47.529	30.9		7.86		1.431	
320	4/13/2009 21:46	12.88	47.552	30.92		7.63		1.462	
321	4/13/2009 22:01	12.89	47.573	30.93		7.64		1.49	
322	4/13/2009 22:16	12.89	47.632	30.98		7.73		1.548	
323	4/13/2009 22:31	12.88	47.675	31.01		7.77		1.603	
324	4/13/2009 22:46	12.84	47.681	31.01		7.77		1.661	
325	4/13/2009 23:01	12.8	47.76	31.07		7.78		1.704	
326	4/13/2009 23:16	12.77	47.826	31.11		8.02		1.755	
327	4/13/2009 23:31	12.76	47.845	31.13		7.83		1.835	
328	4/13/2009 23:46	12.76	47.886	31.16		8.04		1.875	
329	4/14/2009 0:01	12.75	47.865	31.14		7.85		1.946	
330	4/14/2009 0:16	12.71	47.96	31.21		7.84		1.997	
331	4/14/2009 0:31	12.62	48	31.23		7.83		2.063	
332	4/14/2009 0:46	12.44	48.207	31.38		8.02		2.125	
333	4/14/2009 1:01	12.23	48.437	31.53		8.01		2.185	
334	4/14/2009 1:16	12.01	48.559	31.61		7.83		2.245	
335	4/14/2009 1:31	11.82	48.753	31.74		8		2.315	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
336	4/14/2009 1:46	11.67	48.862	31.81		7.99		2.361	
337	4/14/2009 2:01	11.54	49.02	31.92		7.81		2.407	
338	4/14/2009 2:16	11.42	49.137	32		7.96		2.445	
339	4/14/2009 2:31	11.34	49.232	32.07		7.78		2.473	
340	4/14/2009 2:46	11.26	49.301	32.11		7.76		2.488	
341	4/14/2009 3:01	11.24	49.3	32.11		7.75		2.484	
342	4/14/2009 3:16	11.25	49.204	32.04		7.9		2.457	
343	4/14/2009 3:31	11.25	49.098	31.96		7.73		2.425	
344	4/14/2009 3:46	11.22	49.044	31.92		7.89		2.39	
345	4/14/2009 4:01	11.23	48.834	31.77		7.73		2.334	
346	4/14/2009 4:16	11.22	48.547	31.56		7.9		2.259	
347	4/14/2009 4:31	11.18	48.35	31.42		7.74		2.192	
348	4/14/2009 4:46	11.12	48.215	31.32		7.75		2.104	
349	4/14/2009 5:01	11.12	48.163	31.28		7.9		2.011	
350	4/14/2009 5:16	11.17	48.082	31.23		7.74		1.94	
351	4/14/2009 5:31	11.27	48.056	31.21		7.9		1.853	
352	4/14/2009 5:46	11.32	48.018	31.19		7.9		1.761	
353	4/14/2009 6:01	11.39	47.94	31.13		7.91		1.655	
354	4/14/2009 6:16	11.43	47.813	31.05		7.75		1.551	
355	4/14/2009 6:31	11.48	47.754	31.01		7.73		1.446	
356	4/14/2009 6:46	11.51	47.705	30.97		7.91		1.335	
357	4/14/2009 7:01	11.53	47.589	30.89		7.9		1.23	
358	4/14/2009 7:16	11.58	47.469	30.8		7.73		1.114	
359	4/14/2009 7:31	11.61	47.385	30.75		7.89		1.008	
360	4/14/2009 7:46	11.65	47.262	30.66		7.88		0.88	
361	4/14/2009 8:01	11.69	47.132	30.57		7.7		0.779	
362	4/14/2009 8:16	11.74	46.913	30.41		7.68		0.681	
363	4/14/2009 8:31	11.78	46.661	30.23		7.67		0.575	
364	4/14/2009 8:46	11.8	46.254	29.94		7.65		0.5	
365	4/14/2009 9:01	11.79	45.898	29.68		7.64		0.423	
366	4/14/2009 9:16	11.78	45.763	29.59		7.64		0.352	
367	4/14/2009 9:31	11.79	45.801	29.61		7.8		0.334	
368	4/14/2009 9:46	11.8	45.811	29.62		7.63		0.323	
369	4/14/2009 10:01	11.82	45.799	29.61		7.62		0.33	
370	4/14/2009 10:16	11.86	45.92	29.7		7.55		0.367	
371	4/14/2009 10:31	11.88	46.075	29.82		7.52		0.404	
372	4/14/2009 10:46	11.89	46.149	29.87		7.66		0.448	
373	4/14/2009 11:01	11.91	46.155	29.87		7.65		0.488	
374	4/14/2009 11:16	11.95	46.478	30.11		7.44		0.557	
375	4/14/2009 11:31	12.02	47.467	30.82		7.73		0.622	
376	4/14/2009 11:46	12.02	47.585	30.91		7.94		0.675	
377	4/14/2009 12:01	12.04	47.614	30.93		7.97		0.735	
378	4/14/2009 12:16	12.09	47.511	30.86		7.99		0.803	
379	4/14/2009 12:31	12.11	47.386	30.77		7.99		0.886	
380	4/14/2009 12:46	12.11	47.327	30.73		7.99		0.956	
381	4/14/2009 13:01	12.12	47.291	30.7		7.8		1.031	
382	4/14/2009 13:16	12.11	47.303	30.71		7.8		1.117	
383	4/14/2009 13:31	12.06	47.445	30.81		7.97		1.21	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
384	4/14/2009 13:46	12	47.615	30.93		7.81		1.288	
385	4/14/2009 14:01	11.97	47.785	31.05		7.82		1.353	
386	4/14/2009 14:16	11.93	47.849	31.09		7.82		1.425	
387	4/14/2009 14:31	11.89	47.968	31.18		7.97		1.5	
388	4/14/2009 14:46	11.87	48.086	31.26		7.82		1.563	
389	4/14/2009 15:01	11.86	48.14	31.3		7.81		1.613	
390	4/14/2009 15:16	11.82	48.225	31.36		7.8		1.666	
391	4/14/2009 15:31	11.76	48.341	31.44		7.79		1.718	
392	4/14/2009 15:46	11.68	48.497	31.55		7.93		1.756	
393	4/14/2009 16:01	11.64	48.609	31.63		7.92		1.792	
394	4/14/2009 16:16	11.61	48.681	31.68		7.91		1.822	
395	4/14/2009 16:31	11.61	48.652	31.66		7.75		1.844	
396	4/14/2009 16:46	11.62	48.696	31.69		7.9		1.852	
397	4/14/2009 17:01	11.63	48.691	31.69		7.88		1.854	
398	4/14/2009 17:16	11.65	48.717	31.71		7.85		1.845	
399	4/14/2009 17:31	11.69	48.657	31.67		7.67		1.831	
400	4/14/2009 17:46	11.75	48.604	31.63		7.66		1.81	
401	4/14/2009 18:01	11.82	48.612	31.64		7.82		1.787	
402	4/14/2009 18:16	11.91	48.461	31.54		7.81		1.742	
403	4/14/2009 18:31	11.91	48.419	31.51		7.65		1.724	
404	4/14/2009 18:46	11.93	48.265	31.4		7.83		1.682	
405	4/14/2009 19:01	11.92	48.132	31.3		7.85		1.641	
406	4/14/2009 19:16	11.88	48.027	31.22		7.7		1.604	
407	4/14/2009 19:31	11.83	47.995	31.2		7.86		1.559	
408	4/14/2009 19:46	11.79	47.936	31.15		7.7		1.543	
409	4/14/2009 20:01	11.76	47.905	31.13		7.87		1.492	
410	4/14/2009 20:16	11.76	47.907	31.13		7.84		1.483	
411	4/14/2009 20:31	11.77	47.801	31.05		7.71		1.43	
412	4/14/2009 20:46	11.78	47.82	31.07		7.86		1.406	
413	4/14/2009 21:01	11.78	47.821	31.07		7.86		1.401	
414	4/14/2009 21:16	11.78	47.771	31.03		7.69		1.397	
415	4/14/2009 21:31	11.79	47.712	30.99		7.69		1.394	
416	4/14/2009 21:46	11.79	47.782	31.04		7.67		1.395	
417	4/14/2009 22:01	11.79	47.794	31.05		7.63		1.398	
418	4/14/2009 22:16	11.79	47.785	31.04		7.64		1.408	
419	4/14/2009 22:31	11.78	47.882	31.11		7.56		1.431	
420	4/14/2009 22:46	11.78	47.884	31.11		7.54		1.462	
421	4/14/2009 23:01	11.79	47.916	31.14		7.54		1.496	
422	4/14/2009 23:16	11.8	47.967	31.17		7.58		1.541	
423	4/14/2009 23:31	11.81	48.015	31.21		7.87		1.596	
424	4/14/2009 23:46	11.81	47.989	31.19		7.77		1.638	
425	4/15/2009 0:01	11.81	48.011	31.21		7.78		1.69	
426	4/15/2009 0:16	11.81	48.067	31.25		7.93		1.745	
427	4/15/2009 0:31	11.8	48.095	31.27		7.96		1.799	
428	4/15/2009 0:46	11.82	48.063	31.24		7.96		1.846	
429	4/15/2009 1:01	11.83	47.996	31.2		7.8		1.9	
430	4/15/2009 1:16	11.82	47.996	31.2		7.78		1.955	
431	4/15/2009 1:31	11.79	48.033	31.22		7.76		2.004	

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
432	4/15/2009 1:46	11.72	48.115	31.28		7.91		2.059	
433	4/15/2009 2:01	11.59	48.376	31.46		7.93		2.119	
434	4/15/2009 2:16	11.48	48.512	31.55		7.92		2.155	
435	4/15/2009 2:31	11.34	48.655	31.65		7.91		2.199	
436	4/15/2009 2:46	11.24	48.74	31.7		7.91		2.23	
437	4/15/2009 3:01	11.16	48.709	31.68		7.77		2.26	
438	4/15/2009 3:16	11.1	48.784	31.73		7.89		2.273	
439	4/15/2009 3:31	11.03	48.799	31.74		7.87		2.275	
440	4/15/2009 3:46	10.98	48.787	31.72		7.86		2.278	
441	4/15/2009 4:01	10.95	48.775	31.71		7.86		2.267	
442	4/15/2009 4:16	10.93	48.736	31.68		7.86		2.253	
443	4/15/2009 4:31	10.9	48.626	31.6		7.8		2.208	
444	4/15/2009 4:46	10.87	48.481	31.5		7.67		2.153	
445	4/15/2009 5:01	10.9	48.301	31.37		7.82		2.096	
446	4/15/2009 5:16	10.93	48.152	31.26		7.77		2.036	
447	4/15/2009 5:31	10.94	48.115	31.24		7.81		1.956	
448	4/15/2009 5:46	10.93	48.105	31.23		7.8		1.898	
449	4/15/2009 6:01	10.93	48.087	31.22		7.8		1.818	
450	4/15/2009 6:16	10.95	48.094	31.22		7.8		1.737	
451	4/15/2009 6:31	10.98	48.066	31.2		7.81		1.647	
452	4/15/2009 6:46	11.02	48.057	31.2		7.8		1.554	
453	4/15/2009 7:01	11.03	47.935	31.11		7.65		1.456	
454	4/15/2009 7:16	11.03	47.756	30.98		7.65		1.369	
455	4/15/2009 7:31	11.03	47.7	30.94		7.8		1.273	
456	4/15/2009 7:46	11.03	47.58	30.86		7.82		1.156	
457	4/15/2009 8:01	11.03	47.536	30.83		7.84		1.061	
458	4/15/2009 8:16	11.04	47.404	30.73		7.72		0.971	
459	4/15/2009 8:31	11.06	47.316	30.67		7.72		0.867	
460	4/15/2009 8:46	11.07	47.336	30.68		7.84		0.784	
461	4/15/2009 9:01	11.1	47.194	30.58		7.82		0.692	
462	4/15/2009 9:16	11.12	46.944	30.4		7.67		0.632	
463	4/15/2009 9:31	11.14	46.671	30.21		7.76		0.555	
464	4/15/2009 9:46	11.09	46.304	29.94		7.77		0.484	
465	4/15/2009 10:01	11.1	46.265	29.92		7.76		0.463	
466	4/15/2009 10:16	11.12	46.352	29.98		7.75		0.45	
467	4/15/2009 10:31	11.15	46.351	29.98		7.74		0.433	
468	4/15/2009 10:46	11.17	46.386	30.01		7.73		0.442	
469	4/15/2009 11:01	11.19	46.387	30.01		7.72		0.471	
470	4/15/2009 11:16	11.2	46.458	30.06		7.7		0.504	
471	4/15/2009 11:31	11.21	46.483	30.08		7.67		0.525	
472	4/15/2009 11:46	11.22	46.647	30.2		7.6		0.571	
473	4/15/2009 12:01	11.25	47.125	30.54		7.66		0.616	
474	4/15/2009 12:16	11.27	47.26	30.64		7.68		0.659	
475	4/15/2009 12:31	11.29	47.502	30.81		7.76		0.706	
476	4/15/2009 12:46	11.36	47.725	30.98		7.85		0.762	
477	4/15/2009 13:01	11.4	47.769	31.01		7.93		0.82	
478	4/15/2009 13:16	11.42	47.755	31		7.92		0.879	
479	4/15/2009 13:31	11.42	47.748	31		7.92		0.95	

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
480	4/15/2009 13:46	11.42	47.737	30.99		7.92		1.015	
481	4/15/2009 14:01	11.41	47.737	30.99		7.92		1.085	
482	4/15/2009 14:16	11.4	47.738	30.99		7.93		1.16	
483	4/15/2009 14:31	11.37	47.769	31.01		7.93		1.233	
484	4/15/2009 14:46	11.34	47.895	31.1		7.92		1.304	
485	4/15/2009 15:01	11.31	48.055	31.21		7.91		1.368	
486	4/15/2009 15:16	11.3	48.174	31.3		7.8		1.435	
487	4/15/2009 15:31	11.33	48.129	31.27		7.83		1.494	
488	4/15/2009 15:46	11.33	48.248	31.35		7.94		1.544	
489	4/15/2009 16:01	11.31	48.29	31.38		7.92		1.598	
490	4/15/2009 16:16	11.26	48.429	31.48		7.91		1.644	
491	4/15/2009 16:31	11.25	48.514	31.54		7.91		1.672	
492	4/15/2009 16:46	11.24	48.573	31.58		7.9		1.716	
493	4/15/2009 17:01	11.24	48.569	31.58		7.89		1.751	
494	4/15/2009 17:16	11.23	48.609	31.61		7.88		1.769	
495	4/15/2009 17:31	11.23	48.61	31.61		7.87		1.783	
496	4/15/2009 17:46	11.23	48.644	31.63		7.86		1.802	
497	4/15/2009 18:01	11.23	48.639	31.63		7.85		1.807	
498	4/15/2009 18:16	11.22	48.645	31.64		7.84		1.812	
499	4/15/2009 18:31	11.22	48.626	31.62		7.84		1.793	
500	4/15/2009 18:46	11.22	48.626	31.62		7.82		1.786	
501	4/15/2009 19:01	11.22	48.626	31.62		7.81		1.768	
502	4/15/2009 19:16	11.24	48.571	31.58		7.76		1.735	
503	4/15/2009 19:31	11.28	48.56	31.58		7.76		1.709	
504	4/15/2009 19:46	11.37	48.491	31.53		7.78		1.673	
505	4/15/2009 20:01	11.46	48.37	31.45		7.8		1.65	
506	4/15/2009 20:16	11.59	48.32	31.42		7.82		1.607	
507	4/15/2009 20:31	11.64	48.227	31.35		7.84		1.574	
508	4/15/2009 20:46	11.65	48.151	31.3		7.7		1.551	
509	4/15/2009 21:01	11.65	48.097	31.26		7.71		1.52	
510	4/15/2009 21:16	11.63	48.2	31.33		7.84		1.496	
511	4/15/2009 21:31	11.62	48.083	31.25		7.83		1.478	
512	4/15/2009 21:46	11.61	48.116	31.27		7.83		1.456	
513	4/15/2009 22:01	11.6	48.155	31.3		7.82		1.464	
514	4/15/2009 22:16	11.59	48.173	31.31		7.76		1.467	
515	4/15/2009 22:31	11.59	48.169	31.31		7.75		1.459	
516	4/15/2009 22:46	11.58	48.11	31.27		7.8		1.481	
517	4/15/2009 23:01	11.57	48.139	31.29		7.62		1.499	
518	4/15/2009 23:16	11.55	48.217	31.34		7.74		1.516	
519	4/15/2009 23:31	11.53	48.213	31.34		7.84		1.55	
520	4/15/2009 23:46	11.52	48.195	31.33		7.8		1.568	
521	4/16/2009 0:01	11.52	48.202	31.33		7.74		1.607	
522	4/16/2009 0:16	11.51	48.171	31.31		7.79		1.648	
523	4/16/2009 0:31	11.51	48.157	31.3		7.76		1.676	
524	4/16/2009 0:46	11.48	48.174	31.31		7.91		1.721	
525	4/16/2009 1:01	11.48	48.187	31.32		7.88		1.763	
526	4/16/2009 1:16	11.48	48.186	31.32		7.87		1.794	
527	4/16/2009 1:31	11.49	48.18	31.31		7.85		1.852	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
528	4/16/2009 1:46	11.49	48.189	31.32		7.86		1.897	
529	4/16/2009 2:01	11.48	48.267	31.38		7.86		1.925	
530	4/16/2009 2:16	11.45	48.348	31.43		7.87		1.971	
531	4/16/2009 2:31	11.39	48.453	31.51		7.87		2.023	
532	4/16/2009 2:46	11.33	48.55	31.57		7.86		2.048	
533	4/16/2009 3:01	11.22	48.65	31.64		7.84		2.09	
534	4/16/2009 3:16	11.11	48.807	31.75		7.84		2.131	
535	4/16/2009 3:31	11.01	48.843	31.77		7.82		2.163	
536	4/16/2009 3:46	10.94	48.942	31.83		7.81		2.182	
537	4/16/2009 4:01	10.88	48.993	31.87		7.8		2.196	
538	4/16/2009 4:16	10.81	49.095	31.94		7.79		2.214	
539	4/16/2009 4:31	10.81	49.028	31.89		7.68		2.211	
540	4/16/2009 4:46	10.79	48.995	31.86		7.79		2.188	
541	4/16/2009 5:01	10.77	48.886	31.78		7.75		2.158	
542	4/16/2009 5:16	10.75	48.776	31.7		7.72		2.13	
543	4/16/2009 5:31	10.74	48.626	31.59		7.72		2.086	
544	4/16/2009 5:46	10.79	48.473	31.49		7.62		2.014	
545	4/16/2009 6:01	10.83	48.378	31.42		7.75		1.967	
546	4/16/2009 6:16	10.85	48.334	31.39		7.74		1.915	
547	4/16/2009 6:31	10.88	48.274	31.35		7.71		1.832	
548	4/16/2009 6:46	10.91	48.2	31.3		7.74		1.769	
549	4/16/2009 7:01	10.94	48.218	31.31		7.75		1.7	
550	4/16/2009 7:16	10.96	48.227	31.32		7.74		1.614	
551	4/16/2009 7:31	10.98	48.195	31.3		7.74		1.542	
552	4/16/2009 7:46	11	48.16	31.27		7.75		1.45	
553	4/16/2009 8:01	11.02	47.99	31.15		7.78		1.359	
554	4/16/2009 8:16	11.04	47.894	31.08		7.79		1.287	
555	4/16/2009 8:31	11.08	47.791	31.01		7.81		1.186	
556	4/16/2009 8:46	11.12	47.735	30.97		7.81		1.104	
557	4/16/2009 9:01	11.17	47.736	30.98		7.82		1.019	
558	4/16/2009 9:16	11.22	47.657	30.92		7.81		0.936	
559	4/16/2009 9:31	11.28	47.719	30.97		7.81		0.867	
560	4/16/2009 9:46	11.35	47.62	30.9		7.78		0.786	
561	4/16/2009 10:01	11.4	47.416	30.76		7.75		0.729	
562	4/16/2009 10:16	11.46	47.039	30.49		7.58		0.668	
563	4/16/2009 10:31	11.52	46.932	30.41		7.57		0.63	
564	4/16/2009 10:46	11.58	46.763	30.3		7.69		0.592	
565	4/16/2009 11:01	11.64	46.637	30.21		7.7		0.561	
566	4/16/2009 11:16	11.67	46.598	30.18		7.57		0.56	
567	4/16/2009 11:31	11.71	46.53	30.14		7.57		0.551	
568	4/16/2009 11:46	11.73	46.613	30.2		7.68		0.554	
569	4/16/2009 12:01	11.74	46.685	30.25		7.55		0.581	
570	4/16/2009 12:16	11.74	46.757	30.3		7.53		0.596	
571	4/16/2009 12:31	11.74	46.984	30.46		7.46		0.634	
572	4/16/2009 12:46	11.74	47.236	30.64		7.53		0.676	
573	4/16/2009 13:01	11.73	47.356	30.73		7.41		0.707	
574	4/16/2009 13:16	11.79	47.66	30.95		7.56		0.752	
575	4/16/2009 13:31	11.85	47.736	31.01		7.79		0.799	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
576	4/16/2009 13:46	11.87	47.735	31.01		7.78		0.856	
577	4/16/2009 14:01	11.89	47.74	31.01		7.9		0.907	
578	4/16/2009 14:16	11.91	47.691	30.98		7.89		0.959	
579	4/16/2009 14:31	11.89	47.68	30.97		7.88		1.031	
580	4/16/2009 14:46	11.86	47.719	31		7.9		1.087	
581	4/16/2009 15:01	11.79	47.748	31.02		7.82		1.155	
582	4/16/2009 15:16	11.75	47.677	30.96		7.81		1.226	
583	4/16/2009 15:31	11.71	47.762	31.02		7.91		1.286	
584	4/16/2009 15:46	11.65	47.787	31.04		7.77		1.346	
585	4/16/2009 16:01	11.6	47.956	31.16		7.9		1.409	
586	4/16/2009 16:16	11.6	48.014	31.2		7.9		1.468	
587	4/16/2009 16:31	11.66	48.081	31.25		7.93		1.525	
588	4/16/2009 16:46	11.65	48.122	31.28		7.93		1.574	
589	4/16/2009 17:01	11.6	48.227	31.35		7.79		1.623	
590	4/16/2009 17:16	11.53	48.367	31.45		7.88		1.664	
591	4/16/2009 17:31	11.49	48.501	31.54		7.87		1.702	
592	4/16/2009 17:46	11.47	48.529	31.56		7.86		1.736	
593	4/16/2009 18:01	11.45	48.635	31.64		7.86		1.773	
594	4/16/2009 18:16	11.44	48.642	31.64		7.85		1.797	
595	4/16/2009 18:31	11.4	48.768	31.73		7.84		1.823	
596	4/16/2009 18:46	11.38	48.779	31.74		7.83		1.839	
597	4/16/2009 19:01	11.36	48.693	31.68		7.71		1.844	
598	4/16/2009 19:16	11.33	48.784	31.74		7.81		1.865	
599	4/16/2009 19:31	11.31	48.8	31.75		7.8		1.852	
600	4/16/2009 19:46	11.27	48.787	31.74		7.8		1.841	
601	4/16/2009 20:01	11.24	48.752	31.71		7.78		1.819	
602	4/16/2009 20:16	11.2	48.696	31.67		7.76		1.797	
603	4/16/2009 20:31	11.17	48.627	31.62		7.73		1.771	
604	4/16/2009 20:46	11.21	48.545	31.56		7.75		1.735	
605	4/16/2009 21:01	11.31	48.471	31.51		7.78		1.701	
606	4/16/2009 21:16	11.41	48.408	31.47		7.8		1.67	
607	4/16/2009 21:31	11.54	48.324	31.42		7.81		1.64	
608	4/16/2009 21:46	11.71	48.182	31.32		7.83		1.6	
609	4/16/2009 22:01	11.8	48.095	31.27		7.7		1.575	
610	4/16/2009 22:16	11.84	48.113	31.28		7.7		1.56	
611	4/16/2009 22:31	11.93	48.12	31.29		7.82		1.541	
612	4/16/2009 22:46	12.01	48.084	31.27		7.81		1.518	
613	4/16/2009 23:01	12.03	48.084	31.27		7.8		1.519	
614	4/16/2009 23:16	12.09	48.056	31.25		7.79		1.517	
615	4/16/2009 23:31	12.18	48.042	31.24		7.78		1.507	
616	4/16/2009 23:46	12.24	48.052	31.25		7.64		1.517	
617	4/17/2009 0:01	12.3	47.979	31.2		7.63		1.519	
618	4/17/2009 0:16	12.42	47.891	31.15		7.64		1.542	
619	4/17/2009 0:31	12.45	48.065	31.27		7.78		1.559	
620	4/17/2009 0:46	12.44	48.093	31.29		7.78		1.573	
621	4/17/2009 1:01	12.41	48.037	31.25		7.67		1.603	
622	4/17/2009 1:16	12.32	48.167	31.34		7.8		1.636	
623	4/17/2009 1:31	12.27	48.1	31.29		7.65		1.651	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
624	4/17/2009 1:46	12.15	48.193	31.35		7.63		1.69	
625	4/17/2009 2:01	12	48.25	31.39		7.72		1.721	
626	4/17/2009 2:16	11.88	48.285	31.41		7.75		1.753	
627	4/17/2009 2:31	11.75	48.308	31.42		7.65		1.784	
628	4/17/2009 2:46	11.58	48.492	31.54		7.65		1.82	
629	4/17/2009 3:01	11.37	48.736	31.71		7.76		1.862	
630	4/17/2009 3:16	11.23	48.891	31.81		7.78		1.903	
631	4/17/2009 3:31	11.13	49.038	31.91		7.78		1.935	
632	4/17/2009 3:46	11.07	49.024	31.9		7.71		1.974	
633	4/17/2009 4:01	11.01	49.068	31.93		7.84		2.011	
634	4/17/2009 4:16	10.99	49.08	31.94		7.84		2.039	
635	4/17/2009 4:31	10.95	49.121	31.96		7.83		2.072	
636	4/17/2009 4:46	10.91	49.12	31.96		7.81		2.089	
637	4/17/2009 5:01	10.86	49.126	31.96		7.78		2.107	
638	4/17/2009 5:16	10.82	49.164	31.99		7.76		2.119	
639	4/17/2009 5:31	10.81	49.111	31.95		7.76		2.11	
640	4/17/2009 5:46	10.81	49.153	31.98		7.76		2.115	
641	4/17/2009 6:01	10.82	49.121	31.96		7.76		2.091	
642	4/17/2009 6:16	10.82	49.075	31.92		7.62		2.058	
643	4/17/2009 6:31	10.82	49.07	31.92		7.71		2.03	
644	4/17/2009 6:46	10.86	49.064	31.92		7.72		1.981	
645	4/17/2009 7:01	10.92	48.947	31.84		7.71		1.928	
646	4/17/2009 7:16	10.98	48.742	31.69		7.7		1.864	
647	4/17/2009 7:31	10.98	48.504	31.52		7.69		1.819	
648	4/17/2009 7:46	10.98	48.334	31.4		7.68		1.747	
649	4/17/2009 8:01	11.01	48.201	31.3		7.7		1.681	
650	4/17/2009 8:16	11.07	48.161	31.28		7.71		1.608	
651	4/17/2009 8:31	11.13	48.106	31.24		7.72		1.536	
652	4/17/2009 8:46	11.19	48.021	31.18		7.74		1.456	
653	4/17/2009 9:01	11.25	47.915	31.11		7.77		1.386	
654	4/17/2009 9:16	11.35	47.736	30.99		7.79		1.3	
655	4/17/2009 9:31	11.42	47.696	30.96		7.79		1.228	
656	4/17/2009 9:46	11.5	47.685	30.96		7.79		1.148	
657	4/17/2009 10:01	11.6	47.667	30.95		7.79		1.073	
658	4/17/2009 10:16	11.7	47.656	30.94		7.79		1.004	
659	4/17/2009 10:31	11.79	47.649	30.94		7.78		0.93	
660	4/17/2009 10:46	11.87	47.667	30.96		7.79		0.867	
661	4/17/2009 11:01	11.95	47.649	30.95		7.71		0.82	
662	4/17/2009 11:16	12.02	47.548	30.88		7.73		0.76	
663	4/17/2009 11:31	12.08	47.367	30.75		7.69		0.714	
664	4/17/2009 11:46	12.11	47.282	30.69		7.68		0.706	
665	4/17/2009 12:01	12.16	46.998	30.49		7.64		0.655	
666	4/17/2009 12:16	12.22	46.997	30.49		7.64		0.648	
667	4/17/2009 12:31	12.26	46.948	30.46		7.64		0.636	
668	4/17/2009 12:46	12.29	46.964	30.47		7.63		0.64	
669	4/17/2009 13:01	12.32	47.006	30.5		7.62		0.655	
670	4/17/2009 13:16	12.34	46.956	30.47		7.49		0.659	
671	4/17/2009 13:31	12.37	47.148	30.61		7.58		0.689	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
672	4/17/2009 13:46	12.41	47.348	30.75		7.54		0.721	
673	4/17/2009 14:01	12.46	47.559	30.91		7.5		0.768	
674	4/17/2009 14:16	12.49	47.622	30.95		7.5		0.792	
675	4/17/2009 14:31	12.57	47.881	31.15		7.7		0.844	
676	4/17/2009 14:46	12.5	48.077	31.28		7.88		0.906	
677	4/17/2009 15:01	12.56	48.05	31.27		7.94		0.95	
678	4/17/2009 15:16	12.62	48.019	31.25		7.93		1.018	
679	4/17/2009 15:31	12.61	48.028	31.25		7.92		1.064	
680	4/17/2009 15:46	12.51	48.049	31.26		7.91		1.132	
681	4/17/2009 16:01	12.35	48.011	31.23		7.91		1.203	
682	4/17/2009 16:16	12.22	48.042	31.25		7.88		1.259	
683	4/17/2009 16:31	12.09	48.028	31.23		7.75		1.319	
684	4/17/2009 16:46	11.91	48.174	31.33		7.77		1.384	
685	4/17/2009 17:01	11.81	48.273	31.4		7.9		1.453	
686	4/17/2009 17:16	11.72	48.436	31.51		7.91		1.509	
687	4/17/2009 17:31	11.66	48.522	31.57		7.88		1.559	
688	4/17/2009 17:46	11.59	48.605	31.63		7.88		1.623	
689	4/17/2009 18:01	11.54	48.661	31.66		7.89		1.683	
690	4/17/2009 18:16	11.47	48.749	31.72		7.88		1.725	
691	4/17/2009 18:31	11.45	48.768	31.74		7.87		1.756	
692	4/17/2009 18:46	11.42	48.799	31.76		7.86		1.809	
693	4/17/2009 19:01	11.41	48.9	31.83		7.87		1.848	
694	4/17/2009 19:16	11.39	48.912	31.84		7.86		1.86	
695	4/17/2009 19:31	11.35	48.918	31.84		7.84		1.886	
696	4/17/2009 19:46	11.31	48.965	31.87		7.8		1.908	
697	4/17/2009 20:01	11.27	48.966	31.87		7.8		1.911	
698	4/17/2009 20:16	11.23	48.979	31.88		7.79		1.919	
699	4/17/2009 20:31	11.22	48.956	31.86		7.79		1.904	
700	4/17/2009 20:46	11.21	48.949	31.85		7.77		1.891	
701	4/17/2009 21:01	11.2	48.928	31.84		7.76		1.879	
702	4/17/2009 21:16	11.21	48.895	31.82		7.72		1.845	
703	4/17/2009 21:31	11.26	48.889	31.81		7.73		1.824	
704	4/17/2009 21:46	11.37	48.847	31.79		7.75		1.783	
705	4/17/2009 22:01	11.46	48.779	31.74		7.76		1.762	
706	4/17/2009 22:16	11.58	48.69	31.69		7.68		1.706	
707	4/17/2009 22:31	11.65	48.572	31.6		7.7		1.659	
708	4/17/2009 22:46	11.67	48.569	31.6		7.7		1.634	
709	4/17/2009 23:01	11.71	48.522	31.57		7.81		1.6	
710	4/17/2009 23:16	11.74	48.405	31.49		7.81		1.557	
711	4/17/2009 23:31	11.76	48.367	31.46		7.7		1.525	
712	4/17/2009 23:46	11.77	48.425	31.5		7.8		1.511	
713	4/18/2009 0:01	11.78	48.412	31.49		7.81		1.488	
714	4/18/2009 0:16	11.8	48.367	31.46		7.77		1.467	
715	4/18/2009 0:31	11.8	48.327	31.43		7.79		1.469	
716	4/18/2009 0:46	11.82	48.306	31.42		7.79		1.453	
717	4/18/2009 1:01	11.83	48.34	31.44		7.67		1.459	
718	4/18/2009 1:16	11.83	48.348	31.45		7.78		1.46	
719	4/18/2009 1:31	11.84	48.37	31.47		7.76		1.472	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
720	4/18/2009 1:46	11.86	48.369	31.47		7.76		1.488	
721	4/18/2009 2:01	11.88	48.396	31.49		7.79		1.516	
722	4/18/2009 2:16	11.89	48.374	31.47		7.78		1.53	
723	4/18/2009 2:31	11.89	48.344	31.45		7.64		1.551	
724	4/18/2009 2:46	11.89	48.359	31.46		7.64		1.582	
725	4/18/2009 3:01	11.87	48.362	31.46		7.62		1.609	
726	4/18/2009 3:16	11.86	48.425	31.51		7.72		1.637	
727	4/18/2009 3:31	11.83	48.443	31.52		7.78		1.677	
728	4/18/2009 3:46	11.81	48.457	31.53		7.82		1.706	
729	4/18/2009 4:01	11.78	48.415	31.5		7.83		1.74	
730	4/18/2009 4:16	11.72	48.428	31.5		7.81		1.775	
731	4/18/2009 4:31	11.66	48.434	31.5		7.68		1.818	
732	4/18/2009 4:46	11.59	48.561	31.59		7.67		1.85	
733	4/18/2009 5:01	11.51	48.702	31.69		7.76		1.873	
734	4/18/2009 5:16	11.41	48.913	31.84		7.73		1.914	
735	4/18/2009 5:31	11.33	49.027	31.92		7.74		1.948	
736	4/18/2009 5:46	11.26	49.111	31.97		7.74		1.969	
737	4/18/2009 6:01	11.21	49.168	32.01		7.73		1.989	
738	4/18/2009 6:16	11.15	49.226	32.05		7.73		2.013	
739	4/18/2009 6:31	11.11	49.249	32.07		7.72		2.022	
740	4/18/2009 6:46	11.12	49.227	32.05		7.72		2.008	
741	4/18/2009 7:01	11.11	49.213	32.04		7.7		2.005	
742	4/18/2009 7:16	11.11	49.206	32.03		7.69		1.995	
743	4/18/2009 7:31	11.13	49.146	31.99		7.67		1.977	
744	4/18/2009 7:46	11.15	48.988	31.88		7.63		1.938	
745	4/18/2009 8:01	11.16	48.803	31.75		7.65		1.904	
746	4/18/2009 8:16	11.2	48.597	31.6		7.68		1.854	
747	4/18/2009 8:31	11.25	48.52	31.55		7.7		1.803	
748	4/18/2009 8:46	11.3	48.478	31.52		7.71		1.742	
749	4/18/2009 9:01	11.33	48.313	31.4		7.62		1.68	
750	4/18/2009 9:16	11.39	48.448	31.5		7.71		1.618	
751	4/18/2009 9:31	11.46	48.417	31.48		7.72		1.545	
752	4/18/2009 9:46	11.5	48.377	31.46		7.73		1.474	
753	4/18/2009 10:01	11.54	48.272	31.38		7.74		1.401	
754	4/18/2009 10:16	11.59	48.153	31.3		7.77		1.326	
755	4/18/2009 10:31	11.66	48.108	31.27		7.79		1.242	
756	4/18/2009 10:46	11.75	48.079	31.25		7.79		1.163	
757	4/18/2009 11:01	11.87	48.012	31.21		7.79		1.101	
758	4/18/2009 11:16	11.99	48.065	31.25		7.8		1.017	
759	4/18/2009 11:31	12.11	48.011	31.22		7.79		0.95	
760	4/18/2009 11:46	12.24	48.011	31.23		7.77		0.887	
761	4/18/2009 12:01	12.38	47.86	31.12		7.72		0.824	
762	4/18/2009 12:16	12.46	47.691	31		7.64		0.777	
763	4/18/2009 12:31	12.54	47.491	30.86		7.62		0.718	
764	4/18/2009 12:46	12.6	47.457	30.84		7.61		0.702	
765	4/18/2009 13:01	12.69	47.328	30.75		7.6		0.675	
766	4/18/2009 13:16	12.78	47.238	30.69		7.6		0.651	
767	4/18/2009 13:31	12.84	47.315	30.75		7.6		0.657	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
768	4/18/2009 13:46	12.89	47.304	30.74		7.54		0.654	
769	4/18/2009 14:01	12.97	47.317	30.75		7.53		0.671	
770	4/18/2009 14:16	13.02	47.321	30.76		7.56		0.687	
771	4/18/2009 14:31	13.16	47.587	30.95		7.53		0.737	
772	4/18/2009 14:46	13.25	47.68	31.02		7.39		0.77	
773	4/18/2009 15:01	13.33	47.788	31.11		7.57		0.794	
774	4/18/2009 15:16	13.36	48.03	31.28		7.66		0.846	
775	4/18/2009 15:31	13.29	48.157	31.37		7.71		0.886	
776	4/18/2009 15:46	13.17	48.181	31.38		7.94		0.945	
777	4/18/2009 16:01	13.13	48.159	31.37		7.8		1.004	
778	4/18/2009 16:16	13.12	48.15	31.36		7.82		1.067	
779	4/18/2009 16:31	13.05	48.113	31.33		7.83		1.145	
780	4/18/2009 16:46	12.99	48.053	31.29		7.79		1.184	
781	4/18/2009 17:01	12.88	48.017	31.26		7.78		1.254	
782	4/18/2009 17:16	12.66	48.07	31.29		7.9		1.333	
783	4/18/2009 17:31	12.48	48.165	31.35		7.89		1.391	
784	4/18/2009 17:46	12.28	48.365	31.48		7.9		1.467	
785	4/18/2009 18:01	12.18	48.453	31.54		7.91		1.522	
786	4/18/2009 18:16	12.08	48.566	31.62		7.91		1.586	
787	4/18/2009 18:31	12.01	48.673	31.69		7.89		1.645	
788	4/18/2009 18:46	11.91	48.77	31.76		7.78		1.706	
789	4/18/2009 19:01	11.84	48.891	31.84		7.87		1.75	
790	4/18/2009 19:16	11.81	48.87	31.83		7.86		1.796	
791	4/18/2009 19:31	11.79	48.902	31.85		7.76		1.832	
792	4/18/2009 19:46	11.73	48.959	31.89		7.75		1.883	
793	4/18/2009 20:01	11.65	49.051	31.95		7.81		1.916	
794	4/18/2009 20:16	11.56	49.13	32		7.8		1.953	
795	4/18/2009 20:31	11.44	49.228	32.07		7.78		1.985	
796	4/18/2009 20:46	11.41	49.225	32.06		7.76		1.991	
797	4/18/2009 21:01	11.36	49.239	32.07		7.75		1.997	
798	4/18/2009 21:16	11.32	49.227	32.06		7.74		1.996	
799	4/18/2009 21:31	11.28	49.276	32.09		7.73		2.004	
800	4/18/2009 21:46	11.27	49.18	32.02		7.73		1.967	
801	4/18/2009 22:01	11.25	49.104	31.97		7.71		1.941	
802	4/18/2009 22:16	11.29	49.026	31.91		7.74		1.892	
803	4/18/2009 22:31	11.44	49.034	31.93		7.77		1.854	
804	4/18/2009 22:46	11.65	48.938	31.87		7.79		1.795	
805	4/18/2009 23:01	11.78	48.826	31.79		7.69		1.746	
806	4/18/2009 23:16	11.83	48.698	31.7		7.71		1.687	
807	4/18/2009 23:31	11.85	48.673	31.69		7.82		1.631	
808	4/18/2009 23:46	11.88	48.58	31.62		7.82		1.574	
809	4/19/2009 0:01	11.9	48.487	31.55		7.82		1.538	
810	4/19/2009 0:16	11.95	48.361	31.47		7.72		1.481	
811	4/19/2009 0:31	11.99	48.285	31.41		7.71		1.435	
812	4/19/2009 0:46	12	48.244	31.38		7.81		1.415	
813	4/19/2009 1:01	12.02	48.149	31.32		7.7		1.363	
814	4/19/2009 1:16	12.03	48.14	31.31		7.81		1.332	
815	4/19/2009 1:31	12.04	48.097	31.28		7.81		1.317	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
816	4/19/2009 1:46	12.04	48.107	31.29		7.8		1.301	
817	4/19/2009 2:01	12.05	48.117	31.29		7.68		1.299	
818	4/19/2009 2:16	12.06	48.101	31.28		7.78		1.3	
819	4/19/2009 2:31	12.06	48.118	31.29		7.78		1.309	
820	4/19/2009 2:46	12.07	48.156	31.32		7.76		1.327	
821	4/19/2009 3:01	12.07	48.197	31.35		7.69		1.359	
822	4/19/2009 3:16	12.06	48.223	31.37		7.69		1.368	
823	4/19/2009 3:31	12.05	48.282	31.41		7.77		1.407	
824	4/19/2009 3:46	12.03	48.334	31.45		7.78		1.444	
825	4/19/2009 4:01	12	48.373	31.48		7.75		1.489	
826	4/19/2009 4:16	11.96	48.451	31.53		7.73		1.525	
827	4/19/2009 4:31	11.88	48.536	31.59		7.8		1.569	
828	4/19/2009 4:46	11.82	48.604	31.64		7.77		1.61	
829	4/19/2009 5:01	11.79	48.624	31.65		7.83		1.649	
830	4/19/2009 5:16	11.71	48.667	31.68		7.71		1.698	
831	4/19/2009 5:31	11.63	48.836	31.79		7.79		1.737	
832	4/19/2009 5:46	11.57	48.887	31.83		7.78		1.761	
833	4/19/2009 6:01	11.49	48.969	31.88		7.76		1.799	
834	4/19/2009 6:16	11.43	49.037	31.93		7.75		1.835	
835	4/19/2009 6:31	11.36	49.193	32.04		7.74		1.87	
836	4/19/2009 6:46	11.32	49.237	32.07		7.75		1.895	
837	4/19/2009 7:01	11.26	49.252	32.08		7.74		1.935	
838	4/19/2009 7:16	11.22	49.358	32.15		7.74		1.962	
839	4/19/2009 7:31	11.19	49.368	32.16		7.74		1.985	
840	4/19/2009 7:46	11.16	49.385	32.17		7.73		1.993	
841	4/19/2009 8:01	11.14	49.311	32.11		7.72		2.005	
842	4/19/2009 8:16	11.12	49.371	32.15		7.71		1.996	
843	4/19/2009 8:31	11.09	49.331	32.12		7.7		1.982	
844	4/19/2009 8:46	11.07	49.314	32.11		7.68		1.958	
845	4/19/2009 9:01	11.07	49.17	32.01		7.56		1.923	
846	4/19/2009 9:16	11.12	49.168	32.01		7.64		1.876	
847	4/19/2009 9:31	11.24	49.04	31.92		7.69		1.818	
848	4/19/2009 9:46	11.31	48.891	31.82		7.71		1.763	
849	4/19/2009 10:01	11.4	48.766	31.73		7.73		1.697	
850	4/19/2009 10:16	11.47	48.679	31.67		7.74		1.637	
851	4/19/2009 10:31	11.57	48.566	31.6		7.72		1.553	
852	4/19/2009 10:46	11.65	48.396	31.48		7.72		1.488	
853	4/19/2009 11:01	11.74	48.32	31.43		7.71		1.413	
854	4/19/2009 11:16	11.85	48.142	31.3		7.76		1.333	
855	4/19/2009 11:31	11.98	48.129	31.3		7.77		1.255	
856	4/19/2009 11:46	12.16	48.134	31.31		7.77		1.161	
857	4/19/2009 12:01	12.35	48.155	31.33		7.75		1.085	
858	4/19/2009 12:16	12.57	48.128	31.32		7.76		1.018	
859	4/19/2009 12:31	12.79	48.11	31.32		7.72		0.926	
860	4/19/2009 12:46	12.98	48.065	31.29		7.75		0.859	
861	4/19/2009 13:01	13.14	47.924	31.2		7.59		0.804	
862	4/19/2009 13:16	13.27	47.807	31.12		7.66		0.748	
863	4/19/2009 13:31	13.34	47.653	31.01		7.63		0.705	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
864	4/19/2009 13:46	13.4	47.461	30.87		7.62		0.654	
865	4/19/2009 14:01	13.42	47.488	30.89		7.62		0.664	
866	4/19/2009 14:16	13.48	47.455	30.87		7.61		0.648	
867	4/19/2009 14:31	13.52	47.274	30.74		7.47		0.635	
868	4/19/2009 14:46	13.53	47.463	30.88		7.59		0.653	
869	4/19/2009 15:01	13.56	47.548	30.94		7.57		0.678	
870	4/19/2009 15:16	13.71	47.63	31		7.56		0.712	
871	4/19/2009 15:31	13.81	47.731	31.08		7.42		0.728	
872	4/19/2009 15:46	14.13	47.872	31.19		7.62		0.782	
873	4/19/2009 16:01	14.17	48.284	31.49		7.88		0.842	
874	4/19/2009 16:16	14.13	48.351	31.54		7.92		0.888	
875	4/19/2009 16:31	14.04	48.35	31.53		7.96		0.935	
876	4/19/2009 16:46	14.13	48.215	31.44		7.89		1.001	
877	4/19/2009 17:01	14.12	48.295	31.5		7.86		1.081	
878	4/19/2009 17:16	13.97	48.316	31.51		7.97		1.142	
879	4/19/2009 17:31	13.73	48.292	31.48		7.96		1.209	
880	4/19/2009 17:46	13.49	48.298	31.48		7.97		1.285	
881	4/19/2009 18:01	13.4	48.209	31.41		7.83		1.362	
882	4/19/2009 18:16	13.33	48.445	31.58		7.87		1.43	
883	4/19/2009 18:31	13.17	48.528	31.64		7.88		1.501	
884	4/19/2009 18:46	13.02	48.692	31.75		7.97		1.57	
885	4/19/2009 19:01	12.73	48.917	31.9		7.84		1.643	
886	4/19/2009 19:16	12.42	49.127	32.04		7.91		1.701	
887	4/19/2009 19:31	12.13	49.318	32.17		7.92		1.763	
888	4/19/2009 19:46	11.94	49.394	32.21		7.81		1.821	
889	4/19/2009 20:01	11.76	49.473	32.26		7.87		1.879	
890	4/19/2009 20:16	11.64	49.52	32.29		7.85		1.926	
891	4/19/2009 20:31	11.58	49.547	32.31		7.85		1.978	
892	4/19/2009 20:46	11.54	49.636	32.37		7.83		2.025	
893	4/19/2009 21:01	11.5	49.668	32.39		7.82		2.059	
894	4/19/2009 21:16	11.46	49.664	32.39		7.81		2.097	
895	4/19/2009 21:31	11.43	49.738	32.44		7.8		2.116	
896	4/19/2009 21:46	11.42	49.734	32.43		7.79		2.131	
897	4/19/2009 22:01	11.42	49.689	32.4		7.79		2.128	
898	4/19/2009 22:16	11.42	49.719	32.42		7.78		2.106	
899	4/19/2009 22:31	11.4	49.67	32.39		7.76		2.065	
900	4/19/2009 22:46	11.4	49.616	32.35		7.76		2.029	
901	4/19/2009 23:01	11.62	49.556	32.31		7.79		1.96	
902	4/19/2009 23:16	11.87	49.381	32.2		7.81		1.9	
903	4/19/2009 23:31	12	49.271	32.13		7.74		1.83	
904	4/19/2009 23:46	12.03	49.188	32.07		7.85		1.764	
905	4/20/2009 0:01	12.04	49.031	31.95		7.86		1.694	
906	4/20/2009 0:16	12.06	48.753	31.75		7.78		1.621	
907	4/20/2009 0:31	12.12	48.695	31.71		7.89		1.561	
908	4/20/2009 0:46	12.21	48.595	31.65		7.89		1.502	
909	4/20/2009 1:01	12.27	48.479	31.57		7.88		1.425	
910	4/20/2009 1:16	12.32	48.42	31.52		7.88		1.376	
911	4/20/2009 1:31	12.39	48.375	31.49		7.87		1.325	

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
912	4/20/2009 1:46	12.47	48.367	31.49		7.87		1.271	
913	4/20/2009 2:01	12.54	48.363	31.49		7.87		1.235	
914	4/20/2009 2:16	12.63	48.366	31.5		7.86		1.194	
915	4/20/2009 2:31	12.71	48.32	31.47		7.85		1.177	
916	4/20/2009 2:46	12.78	48.376	31.51		7.84		1.149	
917	4/20/2009 3:01	12.84	48.3	31.46		7.84		1.143	
918	4/20/2009 3:16	12.87	48.359	31.5		7.73		1.147	
919	4/20/2009 3:31	12.88	48.351	31.5		7.8		1.16	
920	4/20/2009 3:46	12.9	48.297	31.46		7.83		1.182	
921	4/20/2009 4:01	12.93	48.342	31.49		7.8		1.207	
922	4/20/2009 4:16	13	48.386	31.53		7.68		1.249	
923	4/20/2009 4:31	13.02	48.443	31.57		7.78		1.291	
924	4/20/2009 4:46	12.97	48.532	31.63		7.83		1.331	
925	4/20/2009 5:01	12.84	48.637	31.7		7.79		1.384	
926	4/20/2009 5:16	12.73	48.64	31.7		7.88		1.43	
927	4/20/2009 5:31	12.67	48.66	31.71		7.88		1.475	
928	4/20/2009 5:46	12.6	48.717	31.75		7.85		1.53	
929	4/20/2009 6:01	12.53	48.756	31.78		7.83		1.567	
930	4/20/2009 6:16	12.4	48.903	31.88		7.84		1.622	
931	4/20/2009 6:31	12.31	48.79	31.79		7.73		1.671	
932	4/20/2009 6:46	12.2	48.998	31.94		7.8		1.715	
933	4/20/2009 7:01	12.02	49.224	32.09		7.8		1.771	
934	4/20/2009 7:16	11.94	49.316	32.16		7.8		1.81	
935	4/20/2009 7:31	11.81	49.416	32.22		7.72		1.866	
936	4/20/2009 7:46	11.72	49.512	32.29		7.79		1.905	
937	4/20/2009 8:01	11.61	49.571	32.33		7.79		1.946	
938	4/20/2009 8:16	11.55	49.58	32.33		7.8		1.991	
939	4/20/2009 8:31	11.49	49.613	32.35		7.72		2.021	
940	4/20/2009 8:46	11.43	49.657	32.38		7.78		2.049	
941	4/20/2009 9:01	11.39	49.744	32.44		7.76		2.062	
942	4/20/2009 9:16	11.38	49.745	32.44		7.76		2.062	
943	4/20/2009 9:31	11.37	49.739	32.43		7.75		2.064	
944	4/20/2009 9:46	11.38	49.71	32.41		7.75		2.033	
945	4/20/2009 10:01	11.36	49.622	32.35		7.7		1.995	
946	4/20/2009 10:16	11.34	49.557	32.3		7.7		1.944	
947	4/20/2009 10:31	11.44	49.486	32.25		7.71		1.892	
948	4/20/2009 10:46	11.68	49.356	32.17		7.72		1.826	
949	4/20/2009 11:01	11.92	49.097	32		7.64		1.749	
950	4/20/2009 11:16	12.09	48.858	31.83		7.65		1.668	
951	4/20/2009 11:31	12.24	48.808	31.8		7.75		1.596	
952	4/20/2009 11:46	12.48	48.741	31.76		7.77		1.519	
953	4/20/2009 12:01	12.59	48.745	31.77		7.66		1.429	
954	4/20/2009 12:16	12.69	48.504	31.6		7.76		1.351	
955	4/20/2009 12:31	12.87	48.454	31.57		7.76		1.27	
956	4/20/2009 12:46	13.07	48.277	31.45		7.68		1.18	
957	4/20/2009 13:01	13.28	48.345	31.51		7.79		1.093	
958	4/20/2009 13:16	13.49	48.339	31.51		7.67		1.022	
959	4/20/2009 13:31	13.77	48.269	31.47		7.79		0.946	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
960	4/20/2009 13:46	14	48.318	31.51		7.66		0.88	
961	4/20/2009 14:01	14.26	48.258	31.47		7.64		0.823	
962	4/20/2009 14:16	14.38	48.047	31.32		7.6		0.78	
963	4/20/2009 14:31	14.47	47.948	31.26		7.57		0.747	
964	4/20/2009 14:46	14.56	47.856	31.19		7.54		0.715	
965	4/20/2009 15:01	14.62	47.913	31.23		7.52		0.71	
966	4/20/2009 15:16	14.67	47.943	31.26		7.53		0.716	
967	4/20/2009 15:31	14.68	47.836	31.18		7.53		0.715	
968	4/20/2009 15:46	14.69	48.014	31.31		7.65		0.741	
969	4/20/2009 16:01	14.75	48.098	31.37		7.62		0.78	
970	4/20/2009 16:16	15	48.117	31.39		7.57		0.813	
971	4/20/2009 16:31	15.2	48.392	31.59		7.77		0.864	
972	4/20/2009 16:46	15.12	48.584	31.73		7.95		0.916	
973	4/20/2009 17:01	14.93	48.655	31.78		8.02		0.984	
974	4/20/2009 17:16	15.06	48.538	31.7		8.04		1.045	
975	4/20/2009 17:31	15.13	48.455	31.64		7.87		1.12	
976	4/20/2009 17:46	15	48.459	31.64		7.85		1.194	
977	4/20/2009 18:01	14.75	48.404	31.59		7.97		1.265	
978	4/20/2009 18:16	14.44	48.388	31.57		7.98		1.349	
979	4/20/2009 18:31	14.42	48.389	31.57		8		1.416	
980	4/20/2009 18:46	14.31	48.502	31.65		7.84		1.498	
981	4/20/2009 19:01	13.84	48.741	31.81		7.83		1.575	
982	4/20/2009 19:16	13.46	49.083	32.05		7.95		1.646	
983	4/20/2009 19:31	13.05	49.249	32.16		7.93		1.724	
984	4/20/2009 19:46	12.73	49.355	32.22		7.92		1.792	
985	4/20/2009 20:01	12.46	49.502	32.32		7.82		1.866	
986	4/20/2009 20:16	12.36	49.58	32.37		7.89		1.931	
987	4/20/2009 20:31	12.28	49.648	32.41		7.89		1.995	
988	4/20/2009 20:46	12.11	49.788	32.51		7.86		2.065	
989	4/20/2009 21:01	12	49.83	32.53		7.85		2.121	
990	4/20/2009 21:16	11.92	49.842	32.54		7.83		2.173	
991	4/20/2009 21:31	11.83	49.943	32.61		7.82		2.233	
992	4/20/2009 21:46	11.8	49.878	32.56		7.82		2.262	
993	4/20/2009 22:01	11.75	49.967	32.62		7.81		2.29	
994	4/20/2009 22:16	11.71	49.889	32.56		7.79		2.307	
995	4/20/2009 22:31	11.69	49.968	32.62		7.79		2.294	
996	4/20/2009 22:46	11.67	49.949	32.6		7.78		2.267	
997	4/20/2009 23:01	11.62	49.857	32.53		7.74		2.224	
998	4/20/2009 23:16	11.61	49.816	32.5		7.77		2.171	
999	4/20/2009 23:31	11.91	49.764	32.48		7.78		2.093	
1000	4/20/2009 23:46	12.07	49.657	32.41		7.81		2.017	
1001	4/21/2009 0:01	12.16	49.579	32.36		7.83		1.94	
1002	4/21/2009 0:16	12.21	49.473	32.28		7.85		1.854	
1003	4/21/2009 0:31	12.29	49.304	32.16		7.86		1.769	
1004	4/21/2009 0:46	12.37	49.172	32.07		7.87		1.698	
1005	4/21/2009 1:01	12.46	48.962	31.92		7.88		1.615	
1006	4/21/2009 1:16	12.54	48.654	31.7		7.87		1.529	
1007	4/21/2009 1:31	12.67	48.544	31.63		7.86		1.445	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1008	4/21/2009 1:46	12.78	48.533	31.62		7.86		1.37	
1009	4/21/2009 2:01	12.95	48.48	31.59		7.76		1.297	
1010	4/21/2009 2:16	13.1	48.463	31.59		7.76		1.215	
1011	4/21/2009 2:31	13.23	48.515	31.63		7.86		1.142	
1012	4/21/2009 2:46	13.38	48.481	31.61		7.75		1.088	
1013	4/21/2009 3:01	13.54	48.472	31.61		7.85		1.042	
1014	4/21/2009 3:16	13.71	48.527	31.65		7.85		0.986	
1015	4/21/2009 3:31	13.85	48.499	31.64		7.84		0.958	
1016	4/21/2009 3:46	13.95	48.505	31.65		7.83		0.946	
1017	4/21/2009 4:01	14.06	48.478	31.63		7.83		0.957	
1018	4/21/2009 4:16	14.12	48.457	31.62		7.68		0.959	
1019	4/21/2009 4:31	14.17	48.474	31.63		7.8		0.982	
1020	4/21/2009 4:46	14.33	48.492	31.65		7.8		1.04	
1021	4/21/2009 5:01	14.33	48.599	31.72		7.83		1.074	
1022	4/21/2009 5:16	14.19	48.76	31.84		7.89		1.131	
1023	4/21/2009 5:31	14.06	48.765	31.84		7.94		1.184	
1024	4/21/2009 5:46	13.95	48.707	31.79		7.83		1.247	
1025	4/21/2009 6:01	13.9	48.723	31.8		7.94		1.31	
1026	4/21/2009 6:16	13.86	48.738	31.81		7.88		1.365	
1027	4/21/2009 6:31	13.75	48.749	31.82		7.93		1.432	
1028	4/21/2009 6:46	13.63	48.854	31.89		7.93		1.495	
1029	4/21/2009 7:01	13.48	48.926	31.94		7.88		1.552	
1030	4/21/2009 7:16	13.19	49.111	32.06		7.88		1.612	
1031	4/21/2009 7:31	12.93	49.183	32.1		7.8		1.675	
1032	4/21/2009 7:46	12.71	49.419	32.27		7.88		1.732	
1033	4/21/2009 8:01	12.6	49.447	32.28		7.88		1.786	
1034	4/21/2009 8:16	12.45	49.538	32.34		7.88		1.85	
1035	4/21/2009 8:31	12.4	49.582	32.37		7.87		1.899	
1036	4/21/2009 8:46	12.26	49.694	32.45		7.86		1.952	
1037	4/21/2009 9:01	12.06	49.839	32.54		7.85		2.007	
1038	4/21/2009 9:16	11.97	49.82	32.52		7.84		2.046	
1039	4/21/2009 9:31	11.88	49.835	32.53		7.83		2.089	
1040	4/21/2009 9:46	11.82	49.9	32.57		7.82		2.121	
1041	4/21/2009 10:01	11.79	49.883	32.56		7.81		2.141	
1042	4/21/2009 10:16	11.78	49.904	32.58		7.8		2.147	
1043	4/21/2009 10:31	11.8	49.89	32.57		7.79		2.137	
1044	4/21/2009 10:46	11.81	49.883	32.56		7.79		2.104	
1045	4/21/2009 11:01	11.81	49.804	32.5		7.74		2.063	
1046	4/21/2009 11:16	11.81	49.716	32.44		7.68		2.004	
1047	4/21/2009 11:31	12	49.636	32.39		7.72		1.924	
1048	4/21/2009 11:46	12.3	49.542	32.34		7.81		1.859	
1049	4/21/2009 12:01	12.52	49.383	32.23		7.81		1.776	
1050	4/21/2009 12:16	12.62	49.242	32.13		7.82		1.684	
1051	4/21/2009 12:31	12.74	49.04	31.99		7.82		1.603	
1052	4/21/2009 12:46	12.9	48.823	31.84		7.72		1.519	
1053	4/21/2009 13:01	13.05	48.751	31.79		7.73		1.435	
1054	4/21/2009 13:16	13.28	48.733	31.79		7.72		1.348	
1055	4/21/2009 13:31	13.5	48.74	31.8		7.83		1.254	

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1056	4/21/2009 13:46	13.75	48.709	31.79		7.82		1.166	
1057	4/21/2009 14:01	14.05	48.5	31.64		7.81		1.083	
1058	4/21/2009 14:16	14.26	48.484	31.64		7.66		0.996	
1059	4/21/2009 14:31	14.43	48.489	31.65		7.77		0.928	
1060	4/21/2009 14:46	14.7	48.504	31.66		7.76		0.876	
1061	4/21/2009 15:01	15	48.376	31.58		7.75		0.815	
1062	4/21/2009 15:16	15.14	48.323	31.54		7.74		0.79	
1063	4/21/2009 15:31	15.29	48.296	31.53		7.71		0.766	
1064	4/21/2009 15:46	15.45	48.173	31.44		7.56		0.748	
1065	4/21/2009 16:01	15.49	48.212	31.47		7.57		0.774	
1066	4/21/2009 16:16	15.55	48.288	31.53		7.56		0.787	
1067	4/21/2009 16:31	15.64	48.334	31.56		7.66		0.814	
1068	4/21/2009 16:46	15.88	48.493	31.68		7.69		0.867	
1069	4/21/2009 17:01	15.93	48.644	31.79		7.98		0.915	
1070	4/21/2009 17:16	15.82	48.791	31.9		8.01		0.979	
1071	4/21/2009 17:31	15.72	48.786	31.89		8.05		1.047	
1072	4/21/2009 17:46	15.75	48.681	31.82		7.89		1.113	
1073	4/21/2009 18:01	15.7	48.697	31.83		8.03		1.181	
1074	4/21/2009 18:16	15.56	48.665	31.8		7.86		1.266	
1075	4/21/2009 18:31	15.16	48.814	31.9		7.91		1.337	
1076	4/21/2009 18:46	14.81	49	32.03		8.02		1.412	
1077	4/21/2009 19:01	14.56	49.033	32.05		8.01		1.497	
1078	4/21/2009 19:16	14.26	49.163	32.13		7.99		1.574	
1079	4/21/2009 19:31	13.85	49.284	32.21		7.86		1.651	
1080	4/21/2009 19:46	13.54	49.375	32.26		7.94		1.728	
1081	4/21/2009 20:01	13.36	49.471	32.33		7.93		1.806	
1082	4/21/2009 20:16	13.12	49.604	32.42		7.92		1.89	
1083	4/21/2009 20:31	12.97	49.669	32.46		7.9		1.966	
1084	4/21/2009 20:46	12.8	49.743	32.5		7.89		2.044	
1085	4/21/2009 21:01	12.53	49.832	32.56		7.87		2.126	
1086	4/21/2009 21:16	12.37	49.909	32.61		7.86		2.2	
1087	4/21/2009 21:31	12.26	49.963	32.64		7.86		2.271	
1088	4/21/2009 21:46	12.04	50.175	32.79		7.85		2.342	
1089	4/21/2009 22:01	11.84	50.221	32.81		7.83		2.391	
1090	4/21/2009 22:16	11.68	50.286	32.85		7.76		2.435	
1091	4/21/2009 22:31	11.56	50.422	32.94		7.79		2.465	
1092	4/21/2009 22:46	11.52	50.454	32.96		7.79		2.469	
1093	4/21/2009 23:01	11.52	50.367	32.9		7.78		2.457	
1094	4/21/2009 23:16	11.53	50.37	32.9		7.78		2.429	
1095	4/21/2009 23:31	11.5	50.208	32.78		7.77		2.361	
1096	4/21/2009 23:46	11.75	49.994	32.64		7.79		2.279	
1097	4/22/2009 0:01	11.97	49.939	32.61		7.81		2.216	
1098	4/22/2009 0:16	12.14	49.817	32.53		7.83		2.122	
1099	4/22/2009 0:31	12.25	49.707	32.45		7.85		2.013	
1100	4/22/2009 0:46	12.38	49.64	32.41		7.86		1.922	
1101	4/22/2009 1:01	12.48	49.535	32.34		7.87		1.84	
1102	4/22/2009 1:16	12.58	49.421	32.26		7.88		1.741	
1103	4/22/2009 1:31	12.71	49.314	32.19		7.9		1.647	

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1104	4/22/2009 1:46	12.86	49.171	32.09		7.9		1.55	
1105	4/22/2009 2:01	13.01	49.032	32		7.91		1.444	
1106	4/22/2009 2:16	13.22	48.877	31.89		7.91		1.356	
1107	4/22/2009 2:31	13.37	48.78	31.83		7.9		1.249	
1108	4/22/2009 2:46	13.58	48.718	31.79		7.91		1.154	
1109	4/22/2009 3:01	13.76	48.749	31.82		7.9		1.063	
1110	4/22/2009 3:16	13.99	48.712	31.8		7.89		0.978	
1111	4/22/2009 3:31	14.19	48.692	31.79		7.88		0.899	
1112	4/22/2009 3:46	14.36	48.413	31.59		7.79		0.814	
1113	4/22/2009 4:01	14.44	48.288	31.5		7.62		0.775	
1114	4/22/2009 4:16	14.58	48.275	31.5		7.6		0.751	
1115	4/22/2009 4:31	14.72	48.299	31.52		7.7		0.725	
1116	4/22/2009 4:46	14.86	48.24	31.48		7.69		0.706	
1117	4/22/2009 5:01	14.94	48.31	31.53		7.7		0.746	
1118	4/22/2009 5:16	15.24	48.236	31.48		7.76		0.783	
1119	4/22/2009 5:31	15.32	48.501	31.68		7.68		0.81	
1120	4/22/2009 5:46	15.35	48.694	31.82		7.88		0.876	
1121	4/22/2009 6:01	15.24	48.817	31.91		7.96		0.947	
1122	4/22/2009 6:16	15.11	48.755	31.86		8		1.023	
1123	4/22/2009 6:31	15.1	48.743	31.85		7.87		1.085	
1124	4/22/2009 6:46	15.07	48.718	31.83		7.96		1.161	
1125	4/22/2009 7:01	15.03	48.707	31.82		7.95		1.234	
1126	4/22/2009 7:16	14.86	48.787	31.87		7.98		1.315	
1127	4/22/2009 7:31	14.63	48.83	31.9		7.85		1.39	
1128	4/22/2009 7:46	14.39	48.987	32.01		7.83		1.46	
1129	4/22/2009 8:01	14.1	49.083	32.07		7.82		1.539	
1130	4/22/2009 8:16	13.83	49.165	32.12		7.8		1.617	
1131	4/22/2009 8:31	13.54	49.45	32.32		7.89		1.683	
1132	4/22/2009 8:46	13.3	49.552	32.39		7.89		1.748	
1133	4/22/2009 9:01	13.19	49.595	32.41		7.89		1.821	
1134	4/22/2009 9:16	13.03	49.672	32.46		7.88		1.89	
1135	4/22/2009 9:31	12.84	49.689	32.47		7.8		1.954	
1136	4/22/2009 9:46	12.7	49.835	32.57		7.86		2.014	
1137	4/22/2009 10:01	12.53	49.904	32.61		7.85		2.071	
1138	4/22/2009 10:16	12.32	49.972	32.65		7.83		2.131	
1139	4/22/2009 10:31	12.22	49.958	32.64		7.82		2.169	
1140	4/22/2009 10:46	12.16	49.992	32.66		7.8		2.195	
1141	4/22/2009 11:01	12.14	49.992	32.66		7.8		2.221	
1142	4/22/2009 11:16	12.14	49.979	32.65		7.78		2.223	
1143	4/22/2009 11:31	12.16	49.971	32.64		7.78		2.197	
1144	4/22/2009 11:46	12.17	49.929	32.61		7.75		2.152	
1145	4/22/2009 12:01	12.19	49.866	32.57		7.76		2.103	
1146	4/22/2009 12:16	12.34	49.688	32.45		7.71		2.031	
1147	4/22/2009 12:31	12.65	49.729	32.49		7.81		1.947	
1148	4/22/2009 12:46	12.83	49.622	32.42		7.81		1.863	
1149	4/22/2009 13:01	12.96	49.528	32.35		7.82		1.77	
1150	4/22/2009 13:16	13.06	49.321	32.21		7.83		1.685	
1151	4/22/2009 13:31	13.18	49.249	32.16		7.84		1.599	

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1152	4/22/2009 13:46	13.35	49.035	32.01		7.76		1.508	
1153	4/22/2009 14:01	13.53	48.894	31.91		7.86		1.424	
1154	4/22/2009 14:16	13.68	48.806	31.86		7.85		1.339	
1155	4/22/2009 14:31	13.82	48.736	31.81		7.85		1.249	
1156	4/22/2009 14:46	14.03	48.762	31.83		7.85		1.162	
1157	4/22/2009 15:01	14.23	48.735	31.82		7.86		1.072	
1158	4/22/2009 15:16	14.42	48.697	31.8		7.85		0.997	
1159	4/22/2009 15:31	14.7	48.666	31.78		7.85		0.932	
1160	4/22/2009 15:46	14.96	48.625	31.76		7.85		0.88	
1161	4/22/2009 16:01	15.09	48.588	31.73		7.8		0.838	
1162	4/22/2009 16:16	15.23	48.487	31.66		7.66		0.822	
1163	4/22/2009 16:31	15.33	48.533	31.7		7.75		0.803	
1164	4/22/2009 16:46	15.47	48.483	31.67		7.74		0.798	
1165	4/22/2009 17:01	15.71	48.638	31.78		7.81		0.845	
1166	4/22/2009 17:16	15.8	48.681	31.82		7.83		0.871	
1167	4/22/2009 17:31	15.84	48.864	31.95		7.94		0.931	
1168	4/22/2009 17:46	15.79	48.902	31.98		8.04		1.001	
1169	4/22/2009 18:01	15.72	48.824	31.92		7.92		1.073	
1170	4/22/2009 18:16	15.48	48.981	32.03		8.04		1.151	
1171	4/22/2009 18:31	15.45	48.927	31.99		7.92		1.217	
1172	4/22/2009 18:46	15.37	48.871	31.95		7.9		1.298	
1173	4/22/2009 19:01	15.26	48.973	32.02		8.02		1.379	
1174	4/22/2009 19:16	15.03	49.017	32.05		8.01		1.455	
1175	4/22/2009 19:31	14.83	49.134	32.13		7.99		1.537	
1176	4/22/2009 19:46	14.48	49.244	32.2		7.98		1.618	
1177	4/22/2009 20:01	14.1	49.376	32.28		7.86		1.703	
1178	4/22/2009 20:16	13.85	49.405	32.3		7.85		1.787	
1179	4/22/2009 20:31	13.64	49.462	32.33		7.84		1.869	
1180	4/22/2009 20:46	13.44	49.656	32.47		7.92		1.957	
1181	4/22/2009 21:01	13.18	49.707	32.49		7.91		2.044	
1182	4/22/2009 21:16	12.88	49.811	32.56		7.83		2.133	
1183	4/22/2009 21:31	12.55	50.036	32.71		7.88		2.209	
1184	4/22/2009 21:46	12.28	50.129	32.76		7.87		2.294	
1185	4/22/2009 22:01	12.06	50.274	32.86		7.86		2.375	
1186	4/22/2009 22:16	11.85	50.363	32.91		7.84		2.432	
1187	4/22/2009 22:31	11.52	50.596	33.07		7.83		2.496	
1188	4/22/2009 22:46	11.29	50.675	33.11		7.82		2.542	
1189	4/22/2009 23:01	11.19	50.679	33.11		7.81		2.558	
1190	4/22/2009 23:16	11.11	50.721	33.13		7.8		2.582	
1191	4/22/2009 23:31	11.2	50.67	33.1		7.8		2.55	
1192	4/22/2009 23:46	11.28	50.546	33.02		7.77		2.498	
1193	4/23/2009 0:01	11.31	50.403	32.91		7.76		2.455	
1194	4/23/2009 0:16	11.39	50.269	32.82		7.82		2.374	
1195	4/23/2009 0:31	11.53	50.057	32.67		7.84		2.277	
1196	4/23/2009 0:46	11.62	49.975	32.62		7.83		2.176	
1197	4/23/2009 1:01	11.66	49.879	32.55		7.85		2.084	
1198	4/23/2009 1:16	11.93	49.725	32.45		7.88		1.976	
1199	4/23/2009 1:31	12.16	49.545	32.33		7.88		1.869	

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1200	4/23/2009 1:46	12.29	49.467	32.28		7.88		1.764	
1201	4/23/2009 2:01	12.34	49.341	32.19		7.89		1.644	
1202	4/23/2009 2:16	12.48	49.22	32.11		7.89		1.544	
1203	4/23/2009 2:31	12.66	49.097	32.03		7.9		1.407	
1204	4/23/2009 2:46	12.79	49.051	32		7.9		1.287	
1205	4/23/2009 3:01	12.96	49.011	31.98		7.82		1.188	
1206	4/23/2009 3:16	13.12	48.997	31.97		7.82		1.049	
1207	4/23/2009 3:31	13.29	48.832	31.86		7.79		0.935	
1208	4/23/2009 3:46	13.4	48.746	31.8		7.83		0.836	
1209	4/23/2009 4:01	13.5	48.273	31.46		7.77		0.707	
1210	4/23/2009 4:16	13.62	47.789	31.12		7.75		0.631	
1211	4/23/2009 4:31	13.73	47.414	30.85		7.74		0.552	
1212	4/23/2009 4:46	13.79	47.25	30.73		7.77		0.467	
1213	4/23/2009 5:01	13.89	47.281	30.76		7.76		0.459	
1214	4/23/2009 5:16	14.06	47.293	30.77		7.75		0.436	
1215	4/23/2009 5:31	14.15	47.3	30.78		7.74		0.427	
1216	4/23/2009 5:46	14.18	47.284	30.77		7.73		0.479	
1217	4/23/2009 6:01	14.3	47.309	30.79		7.69		0.513	
1218	4/23/2009 6:16	14.58	47.748	31.11		7.61		0.576	
1219	4/23/2009 6:31	14.86	48.749	31.85		7.91		0.662	
1220	4/23/2009 6:46	14.87	48.839	31.91		8		0.711	
1221	4/23/2009 7:01	14.83	48.845	31.92		8		0.801	
1222	4/23/2009 7:16	14.8	48.796	31.88		7.98		0.879	
1223	4/23/2009 7:31	14.75	48.737	31.84		7.98		0.957	
1224	4/23/2009 7:46	14.71	48.542	31.69		7.88		1.045	
1225	4/23/2009 8:01	14.65	48.726	31.82		7.99		1.134	
1226	4/23/2009 8:16	14.56	48.831	31.9		8		1.218	
1227	4/23/2009 8:31	14.28	49.058	32.06		7.98		1.324	
1228	4/23/2009 8:46	14.04	49.188	32.14		7.97		1.406	
1229	4/23/2009 9:01	13.71	49.371	32.27		7.93		1.485	
1230	4/23/2009 9:16	13.44	49.503	32.35		7.92		1.578	
1231	4/23/2009 9:31	13.37	49.522	32.37		7.92		1.658	
1232	4/23/2009 9:46	13.32	49.481	32.33		7.84		1.737	
1233	4/23/2009 10:01	13.22	49.585	32.41		7.91		1.809	
1234	4/23/2009 10:16	13.05	49.682	32.47		7.91		1.888	
1235	4/23/2009 10:31	12.88	49.761	32.52		7.9		1.95	
1236	4/23/2009 10:46	12.57	49.849	32.57		7.89		2.019	
1237	4/23/2009 11:01	12.37	49.837	32.55		7.88		2.077	
1238	4/23/2009 11:16	12.26	49.939	32.62		7.87		2.124	
1239	4/23/2009 11:31	12.16	49.978	32.65		7.86		2.178	
1240	4/23/2009 11:46	12.09	50.009	32.67		7.85		2.201	
1241	4/23/2009 12:01	11.97	50.125	32.75		7.82		2.221	
1242	4/23/2009 12:16	12	50.021	32.67		7.81		2.211	
1243	4/23/2009 12:31	11.99	50.015	32.67		7.78		2.166	
1244	4/23/2009 12:46	11.98	49.945	32.61		7.79		2.135	
1245	4/23/2009 13:01	12.01	49.755	32.48		7.75		2.06	
1246	4/23/2009 13:16	12.39	49.705	32.46		7.84		1.967	
1247	4/23/2009 13:31	12.56	49.671	32.44		7.85		1.89	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1248	4/23/2009 13:46	12.72	49.555	32.36		7.85		1.802	
1249	4/23/2009 14:01	12.84	49.481	32.32		7.86		1.706	
1250	4/23/2009 14:16	12.95	49.483	32.32		7.87		1.623	
1251	4/23/2009 14:31	13.11	49.391	32.26		7.87		1.526	
1252	4/23/2009 14:46	13.29	49.23	32.15		7.87		1.44	
1253	4/23/2009 15:01	13.45	49.094	32.06		7.89		1.355	
1254	4/23/2009 15:16	13.61	48.934	31.95		7.9		1.256	
1255	4/23/2009 15:31	13.75	48.843	31.88		7.9		1.161	
1256	4/23/2009 15:46	13.9	48.744	31.82		7.9		1.096	
1257	4/23/2009 16:01	14.07	48.784	31.85		7.89		1.012	
1258	4/23/2009 16:16	14.23	48.772	31.85		7.89		0.947	
1259	4/23/2009 16:31	14.37	48.755	31.84		7.88		0.898	
1260	4/23/2009 16:46	14.51	48.714	31.81		7.87		0.863	
1261	4/23/2009 17:01	14.65	48.708	31.81		7.85		0.844	
1262	4/23/2009 17:16	14.75	48.724	31.83		7.84		0.855	
1263	4/23/2009 17:31	14.89	48.742	31.84		7.81		0.852	
1264	4/23/2009 17:46	15.1	48.686	31.81		7.82		0.909	
1265	4/23/2009 18:01	15.37	48.803	31.9		7.92		0.963	
1266	4/23/2009 18:16	15.47	48.967	32.02		8.02		1.013	
1267	4/23/2009 18:31	15.5	48.988	32.04		8.02		1.094	
1268	4/23/2009 18:46	15.47	48.91	31.98		8		1.175	
1269	4/23/2009 19:01	15.33	49.009	32.05		7.95		1.255	
1270	4/23/2009 19:16	15.34	48.906	31.97		7.93		1.338	
1271	4/23/2009 19:31	15.31	48.996	32.04		7.92		1.426	
1272	4/23/2009 19:46	15.2	48.972	32.02		8.04		1.503	
1273	4/23/2009 20:01	14.95	49.159	32.15		8.03		1.597	
1274	4/23/2009 20:16	14.55	49.333	32.26		8.02		1.677	
1275	4/23/2009 20:31	14.08	49.417	32.31		7.9		1.757	
1276	4/23/2009 20:46	13.69	49.632	32.46		7.96		1.852	
1277	4/23/2009 21:01	13.47	49.697	32.5		7.95		1.934	
1278	4/23/2009 21:16	13.2	49.848	32.6		7.94		2.023	
1279	4/23/2009 21:31	12.82	50.026	32.71		7.94		2.115	
1280	4/23/2009 21:46	12.43	50.152	32.79		7.93		2.202	
1281	4/23/2009 22:01	12.09	50.288	32.87		7.93		2.295	
1282	4/23/2009 22:16	11.81	50.362	32.91		7.93		2.383	
1283	4/23/2009 22:31	11.6	50.54	33.03		7.92		2.458	
1284	4/23/2009 22:46	11.3	50.692	33.12		7.92		2.536	
1285	4/23/2009 23:01	11.09	50.794	33.19		7.94		2.6	
1286	4/23/2009 23:16	10.99	50.804	33.19		7.91		2.647	
1287	4/23/2009 23:31	10.9	50.859	33.22		7.91		2.68	
1288	4/23/2009 23:46	10.9	50.821	33.19		7.9		2.689	
1289	4/24/2009 0:01	10.93	50.768	33.16		7.89		2.674	
1290	4/24/2009 0:16	10.99	50.768	33.16		7.86		2.635	
1291	4/24/2009 0:31	11.08	50.642	33.07		7.84		2.571	
1292	4/24/2009 0:46	11.15	50.556	33.02		7.87		2.485	
1293	4/24/2009 1:01	11.26	50.398	32.91		7.89		2.383	
1294	4/24/2009 1:16	11.35	50.274	32.82		7.89		2.273	
1295	4/24/2009 1:31	11.43	50.109	32.71		7.9		2.169	

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1296	4/24/2009 1:46	11.65	49.934	32.59		7.9		2.049	
1297	4/24/2009 2:01	11.86	49.755	32.47		7.91		1.931	
1298	4/24/2009 2:16	12.03	49.639	32.4		7.91		1.831	
1299	4/24/2009 2:31	12.21	49.411	32.24		7.92		1.709	
1300	4/24/2009 2:46	12.42	49.203	32.1		7.93		1.58	
1301	4/24/2009 3:01	12.53	49.065	32		7.93		1.437	
1302	4/24/2009 3:16	12.67	49.148	32.07		7.92		1.318	
1303	4/24/2009 3:31	12.81	49.07	32.02		7.92		1.188	
1304	4/24/2009 3:46	12.93	49.044	32		7.85		1.047	
1305	4/24/2009 4:01	13.07	48.936	31.93		7.89		0.907	
1306	4/24/2009 4:16	13.2	48.798	31.83		7.78		0.77	
1307	4/24/2009 4:31	13.33	48.469	31.6		7.82		0.647	
1308	4/24/2009 4:46	13.38	47.698	31.04		7.79		0.51	
1309	4/24/2009 5:01	13.45	47.533	30.93		7.78		0.398	
1310	4/24/2009 5:16	13.57	47.562	30.95		7.77		0.309	
1311	4/24/2009 5:31	13.66	47.532	30.93		7.76		0.238	
1312	4/24/2009 5:46	13.77	47.536	30.94		7.73		0.207	
1313	4/24/2009 6:01	13.84	47.544	30.94		7.72		0.204	
1314	4/24/2009 6:16	13.92	47.536	30.94		7.71		0.229	
1315	4/24/2009 6:31	13.97	47.541	30.95		7.7		0.291	
1316	4/24/2009 6:46	14.04	47.534	30.94		7.69		0.345	
1317	4/24/2009 7:01	14.19	47.545	30.96		7.64		0.417	
1318	4/24/2009 7:16	14.55	48.187	31.43		7.55		0.517	
1319	4/24/2009 7:31	14.59	48.732	31.83		7.99		0.593	
1320	4/24/2009 7:46	14.56	48.802	31.88		7.96		0.66	
1321	4/24/2009 8:01	14.54	48.654	31.77		7.96		0.749	
1322	4/24/2009 8:16	14.51	48.654	31.77		7.88		0.844	
1323	4/24/2009 8:31	14.47	48.787	31.86		7.98		0.929	
1324	4/24/2009 8:46	14.42	48.822	31.89		7.89		1.02	
1325	4/24/2009 9:01	14.37	48.936	31.97		7.99		1.128	
1326	4/24/2009 9:16	14.2	49.113	32.09		7.97		1.224	
1327	4/24/2009 9:31	13.96	49.292	32.22		7.96		1.317	
1328	4/24/2009 9:46	13.65	49.496	32.36		7.93		1.427	
1329	4/24/2009 10:01	13.54	49.521	32.37		7.93		1.516	
1330	4/24/2009 10:16	13.47	49.58	32.41		7.93		1.61	
1331	4/24/2009 10:31	13.37	49.622	32.44		7.93		1.705	
1332	4/24/2009 10:46	13.22	49.694	32.49		7.93		1.789	
1333	4/24/2009 11:01	13.06	49.756	32.52		7.93		1.867	
1334	4/24/2009 11:16	12.88	49.825	32.57		7.93		1.938	
1335	4/24/2009 11:31	12.67	49.864	32.59		7.93		2.013	
1336	4/24/2009 11:46	12.51	49.945	32.64		7.92		2.076	
1337	4/24/2009 12:01	12.35	50.009	32.68		7.9		2.119	
1338	4/24/2009 12:16	11.95	50.256	32.84		7.86		2.167	
1339	4/24/2009 12:31	11.8	50.28	32.85		7.87		2.205	
	Mean	12.24	48.43	31.52		7.82		1.52	
	Minimum	9.95	45.46	29.39		7.39		0.20	
	Maximum	15.93	50.86	33.22		8.21		2.82	
	Standard Dev.	1.17	1.03	0.74		0.12		0.57	

sonde #1

Indian Island Long-Term Deployment Water Quality Data

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

Turbidity data from new probe mostly negative, discarded prior to housing replacement on 4/29/09, D.O. values suppressed during very low tide events in the months of March and April due to significant fouling of housing near probes (biota consuming all oxygen in low water levels with low flows)

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

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
0	4/24/2009 13:01	11.79	48.24	31.37		8		2.166	
1	4/24/2009 13:16	11.77	48.292	31.41		7.99		2.14	
2	4/24/2009 13:31	11.84	48.242	31.37		7.99	4.2	2.095	
3	4/24/2009 13:46	12.01	48.052	31.24		7.98	2.9	2.03	
4	4/24/2009 14:01	12.29	47.82	31.09		7.98	2.3	1.962	
5	4/24/2009 14:16	12.4	47.756	31.05		7.97	2.3	1.88	
6	4/24/2009 14:31	12.45	47.74	31.04		7.97	2.1	1.783	
7	4/24/2009 14:46	12.5	47.715	31.02		7.96	1.7	1.7	
8	4/24/2009 15:01	12.62	47.674	31		7.96	1.5	1.619	
9	4/24/2009 15:16	12.82	47.567	30.93		7.97	1.6	1.516	
10	4/24/2009 15:31	13	47.463	30.86		7.97	1.6	1.434	
11	4/24/2009 15:46	13.18	47.381	30.81		7.97	1.7	1.353	
12	4/24/2009 16:01	13.3	47.355	30.79		7.96	1.5	1.292	
13	4/24/2009 16:16	13.47	47.269	30.73		7.96	1.6	1.204	
14	4/24/2009 16:31	13.65	47.189	30.68		7.94	1.5	1.118	
15	4/24/2009 16:46	13.83	47.192	30.69		7.94	1.3	1.063	
16	4/24/2009 17:01	14.01	47.125	30.65		7.93	1.4	1.004	
17	4/24/2009 17:16	14.13	47.141	30.66		7.93	1.4	0.96	
18	4/24/2009 17:31	14.29	47.092	30.63		7.93	1.5	0.932	
19	4/24/2009 17:46	14.42	47.05	30.6		7.92	1.2	0.926	
20	4/24/2009 18:01	14.55	47.018	30.58		7.92	1.2	0.949	
21	4/24/2009 18:16	14.66	47.019	30.59		7.9	1.2	0.975	
22	4/24/2009 18:31	15.03	46.962	30.55		7.95	1	1.014	
23	4/24/2009 18:46	15.14	47.214	30.74		8.12	1.6	1.077	
24	4/24/2009 19:01	15.16	47.275	30.78		8.15	1.8	1.156	
25	4/24/2009 19:16	15.13	47.31	30.81		8.15	1.7	1.229	
26	4/24/2009 19:31	14.97	47.362	30.84		8.18	2	1.306	
27	4/24/2009 19:46	14.97	47.323	30.81		8.16	1.6	1.398	
28	4/24/2009 20:01	14.86	47.372	30.85		8.17	1.9	1.492	
29	4/24/2009 20:16	14.68	47.461	30.91		8.16	1.5	1.57	
30	4/24/2009 20:31	14.31	47.678	31.06		8.15	1.3	1.655	
31	4/24/2009 20:46	13.89	47.845	31.16		8.12	1.3	1.747	
32	4/24/2009 21:01	13.48	47.993	31.26		8.11	1.2	1.832	
33	4/24/2009 21:16	13.09	48.097	31.32		8.1	1.3	1.923	
34	4/24/2009 21:31	12.88	48.162	31.36		8.1	1.3	2.017	
35	4/24/2009 21:46	12.57	47.52	30.88		8.09	1.5	2.107	
36	4/24/2009 22:01	12.05	48.524	31.59		8.1	1.5	2.204	
37	4/24/2009 22:16	11.64	48.668	31.67		8.08	1.7	2.3	
38	4/24/2009 22:31	11.35	48.802	31.76		8.06	1.7	2.395	
39	4/24/2009 22:46	10.95	48.963	31.85		8.05	1.6	2.487	
40	4/24/2009 23:01	10.65	49.074	31.91		8.04	1.2	2.575	
41	4/24/2009 23:16	10.34	49.223	32		8.02	1	2.652	
42	4/24/2009 23:31	10.2	49.27	32.03		8.01	0.9	2.707	
43	4/24/2009 23:46	10.13	49.29	32.04		8.02	0.9	2.755	
44	4/25/2009 0:01	10.08	49.294	32.04		8.04	1	2.789	
45	4/25/2009 0:16	10.08	48.296	31.32		8.01	0.8	2.797	
46	4/25/2009 0:31	10.14	49.288	32.04		8.01	0.7	2.777	
47	4/25/2009 0:46	10.21	49.26	32.02		8	0.4	2.732	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
48	4/25/2009 1:01	10.33	49.18	31.97		7.99	0.4	2.666	
49	4/25/2009 1:16	10.46	49.05	31.88		8.03	0.6	2.573	
50	4/25/2009 1:31	10.63	48.907	31.79		8.02	0.7	2.472	
51	4/25/2009 1:46	10.74	48.763	31.69		8.05	1	2.367	
52	4/25/2009 2:01	10.93	48.31	31.38		8.03	1.1	2.245	
53	4/25/2009 2:16	11.09	48.425	31.47		8.05	1	2.129	
54	4/25/2009 2:31	11.25	48.24	31.34		8.05	0.9	2.01	
55	4/25/2009 2:46	11.43	48.113	31.26		8.05	1	1.895	
56	4/25/2009 3:01	11.63	47.925	31.14		8.07	1	1.758	
57	4/25/2009 3:16	11.86	47.684	30.97		8.09	1	1.624	
58	4/25/2009 3:31	12.04	47.517	30.86		8.08	1.1	1.49	
59	4/25/2009 3:46	12.22	47.521	30.87		8.08	1.3	1.334	
60	4/25/2009 4:01	12.37	47.378	30.77		8.07	1.3	1.199	
61	4/25/2009 4:16	12.53	47.339	30.75		8.05	1.3	1.052	
62	4/25/2009 4:31	12.55	47.12	30.59		7.97	1.4	0.897	
63	4/25/2009 4:46	12.68	47.075	30.57		7.94	1.6	0.724	
64	4/25/2009 5:01	12.86	47.046	30.55		7.93	1.6	0.565	
65	4/25/2009 5:16	13.01	47.03	30.55		7.93	1.6	0.436	
66	4/25/2009 5:31	13.11	47.036	30.55		7.93	1.8	0.291	
67	4/25/2009 5:46								
68	4/25/2009 6:01								
69	4/25/2009 6:16								
70	4/25/2009 6:31								
71	4/25/2009 6:46								
72	4/25/2009 7:01								
73	4/25/2009 7:16								
74	4/25/2009 7:31	13.95	46.521	30.21		7.81	1.1	0.282	
75	4/25/2009 7:46	14.16	46.842	30.45		7.82	1.8	0.362	
76	4/25/2009 8:01	14.26	47.131	30.66		8.01	2.8	0.416	
77	4/25/2009 8:16	14.25	47.149	30.67		8.09	3.5	0.505	
78	4/25/2009 8:31	14.22	47.024	30.58		8.08	2.3	0.573	
79	4/25/2009 8:46	14.14	46.814	30.43		8.02	2.2	0.647	
80	4/25/2009 9:01	14.16	46.538	30.23		8.06	2.7	0.76	
81	4/25/2009 9:16	14.16	46.508	30.2		8.05	2.1	0.844	
82	4/25/2009 9:31	14.15	47.155	30.67		8.13	2.6	0.936	
83	4/25/2009 9:46	14.03	47.349	30.81		8.12	2.7	1.059	
84	4/25/2009 10:01	13.88	47.398	30.84		8.11	2.4	1.17	
85	4/25/2009 10:16	13.7	47.58	30.97		8.1	2.1	1.283	
86	4/25/2009 10:31	13.49	47.8	31.12		8.09	1.9	1.394	
87	4/25/2009 10:46	13.33	47.896	31.18		8.09	1.8	1.501	
88	4/25/2009 11:01	13.26	47.806	31.12		8.08	1.8	1.608	
89	4/25/2009 11:16	13.11	48.004	31.25		8.09	1.6	1.695	
90	4/25/2009 11:31	12.93	48.007	31.25		8.08	1.5	1.785	
91	4/25/2009 11:46	12.69	48.129	31.33		8.07	1.5	1.875	
92	4/25/2009 12:01	12.47	48.189	31.36		8.06	1.3	1.949	
93	4/25/2009 12:16	12.3	48.257	31.41		8.06	1.2	2.02	
94	4/25/2009 12:31	12.06	48.266	31.4		8.05	1.3	2.089	
95	4/25/2009 12:46	11.63	48.649	31.66		8.04	1.6	2.144	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
96	4/25/2009 13:01	11.29	48.807	31.76		8.02	1	2.189	
97	4/25/2009 13:16	11.11	48.858	31.78		8	1.2	2.232	
98	4/25/2009 13:31	11.08	48.848	31.77		8	0.9	2.251	
99	4/25/2009 13:46	11.09	48.826	31.76		7.99	0.6	2.249	
100	4/25/2009 14:01	11.12	48.81	31.75		7.98	0.3	2.235	
101	4/25/2009 14:16	11.19	48.724	31.69		7.98	0.2	2.199	
102	4/25/2009 14:31	11.24	48.529	31.55		7.98	0.2	2.139	
103	4/25/2009 14:46	11.57	48.295	31.4		8	0.9	2.068	
104	4/25/2009 15:01	11.86	48.159	31.32		8	0.6	1.985	
105	4/25/2009 15:16	12.04	48.127	31.3		8.01	0.4	1.894	
106	4/25/2009 15:31	12.19	48.061	31.26		8.01	0.6	1.803	
107	4/25/2009 15:46	12.33	48.002	31.22		8.02	0.8	1.707	
108	4/25/2009 16:01	12.46	47.972	31.21		8.03	1.3	1.627	
109	4/25/2009 16:16	12.72	47.917	31.18		8.03	1.2	1.539	
110	4/25/2009 16:31	12.92	47.848	31.13		8.03	1.2	1.456	
111	4/25/2009 16:46	13.05	47.747	31.07		8.02	0.9	1.376	
112	4/25/2009 17:01	13.21	47.606	30.97		8.03	0.9	1.289	
113	4/25/2009 17:16	13.44	47.438	30.86		8.11	1.7	1.216	
114	4/25/2009 17:31	13.69	47.345	30.8		8.04	1	1.165	
115	4/25/2009 17:46	13.77	47.328	30.79		8.02	0.9	1.106	
116	4/25/2009 18:01	13.92	47.237	30.73		8.02	0.9	1.073	
117	4/25/2009 18:16	13.99	47.291	30.77		8.01	0.9	1.062	
118	4/25/2009 18:31	14.11	47.305	30.78		8.01	0.8	1.068	
119	4/25/2009 18:46	14.2	47.313	30.79		7.99	0.7	1.079	
120	4/25/2009 19:01	14.47	47.269	30.76		8.08	1.3	1.118	
121	4/25/2009 19:16	14.55	47.502	30.93		8.13	1.5	1.165	
122	4/25/2009 19:31	14.55	47.517	30.94		8.17	2.1	1.239	
123	4/25/2009 19:46	14.55	47.512	30.94		8.16	1.8	1.321	
124	4/25/2009 20:01	14.46	47.581	30.99		8.17	1.8	1.386	
125	4/25/2009 20:16	14.37	47.556	30.97		8.17	2.1	1.472	
126	4/25/2009 20:31	14.37	47.546	30.96		8.16	1.8	1.557	
127	4/25/2009 20:46	14.28	47.603	31		8.17	2	1.651	
128	4/25/2009 21:01	14.11	47.729	31.09		8.16	1.7	1.732	
129	4/25/2009 21:16	13.71	47.988	31.26		8.15	1.6	1.808	
130	4/25/2009 21:31	13.14	48.206	31.4		8.12	1.5	1.902	
131	4/25/2009 21:46	12.71	48.334	31.48		8.1	1.6	1.989	
132	4/25/2009 22:01	12.41	48.44	31.54		8.08	1.6	2.079	
133	4/25/2009 22:16	12.13	48.542	31.61		8.07	1.9	2.163	
134	4/25/2009 22:31	11.55	48.79	31.76		8.05	1.7	2.264	
135	4/25/2009 22:46	11.14	48.929	31.84		8.03	1.5	2.354	
136	4/25/2009 23:01	10.82	49.069	31.92		8.02	1.6	2.441	
137	4/25/2009 23:16	10.45	49.192	31.99		8	1.2	2.541	
138	4/25/2009 23:31	10.25	49.278	32.04		7.98	1.3	2.616	
139	4/25/2009 23:46	9.88	49.463	32.15		7.96	1	2.692	
140	4/26/2009 0:01	9.66	49.528	32.18		7.95	1	2.771	
141	4/26/2009 0:16	9.59	49.53	32.17		7.93	1.5	2.813	
142	4/26/2009 0:31	9.53	49.551	32.18		7.92	0.6	2.85	
143	4/26/2009 0:46	9.5	49.554	32.18		7.9	0.6	2.875	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
144	4/26/2009 1:01	9.54	49.528	32.17		7.9	0.5	2.867	
145	4/26/2009 1:16	9.59	49.523	32.17		7.89	0.2	2.836	
146	4/26/2009 1:31	9.68	49.478	32.14		7.9	0.6	2.767	
147	4/26/2009 1:46	9.81	49.375	32.08		7.91	0.7	2.697	
148	4/26/2009 2:01	9.96	49.233	31.98		7.94	1.2	2.599	
149	4/26/2009 2:16	10.07	49.136	31.92		7.98	0.6	2.473	
150	4/26/2009 2:31	10.14	48.998	31.83		7.98	1.2	2.363	
151	4/26/2009 2:46	10.42	48.775	31.68		8.01	1.7	2.248	
152	4/26/2009 3:01	10.6	48.595	31.56		8.03	1.3	2.117	
153	4/26/2009 3:16	10.7	48.437	31.46		8.05	0.9	1.991	
154	4/26/2009 3:31	10.96	48.193	31.29		8.06	1.8	1.874	
155	4/26/2009 3:46	11.14	47.939	31.12		8.07	2.4	1.73	
156	4/26/2009 4:01	11.35	47.859	31.07		8.08	2	1.569	
157	4/26/2009 4:16	11.63	47.781	31.03		8.08	2.5	1.441	
158	4/26/2009 4:31	11.85	47.824	31.07		8.08	2.7	1.278	
159	4/26/2009 4:46	12	47.701	30.99		8.07	2.2	1.117	
160	4/26/2009 5:01	12	47.432	30.8		8.04	1.3	0.974	
161	4/26/2009 5:16	12.02	46.995	30.48		8.01	1.7	0.806	
162	4/26/2009 5:31	12.1	46.84	30.37		7.98	1.6	0.628	
163	4/26/2009 5:46	12.24	46.797	30.35		7.98	1.6	0.464	
164	4/26/2009 6:01	12.38	46.783	30.35		7.97	1.7	0.317	
165	4/26/2009 6:16								
166	4/26/2009 6:31								
167	4/26/2009 6:46								
168	4/26/2009 7:01								
169	4/26/2009 7:16								
170	4/26/2009 7:31								
171	4/26/2009 7:46								
172	4/26/2009 8:01								
173	4/26/2009 8:16								
174	4/26/2009 8:31	13.34	47.05	30.57		7.94	1.5	0.261	
175	4/26/2009 8:46	13.39	47.233	30.71		7.96	1.8	0.299	
176	4/26/2009 9:01	13.41	47.35	30.79		7.98	1.5	0.361	
177	4/26/2009 9:16	13.54	47.538	30.93		8.06	2.1	0.451	
178	4/26/2009 9:31	13.53	47.527	30.92		8.08	2.6	0.516	
179	4/26/2009 9:46	13.52	47.42	30.85		8.08	2.9	0.621	
180	4/26/2009 10:01	13.51	47.36	30.8		8.08	2.7	0.72	
181	4/26/2009 10:16	13.49	47.407	30.84		8.08	2.4	0.826	
182	4/26/2009 10:31	13.4	47.642	31		8.11	2.5	0.942	
183	4/26/2009 10:46	13.33	47.698	31.04		8.11	2.5	1.051	
184	4/26/2009 11:01	13.17	47.844	31.14		8.11	2.6	1.183	
185	4/26/2009 11:16	13.04	47.955	31.22		8.1	2	1.287	
186	4/26/2009 11:31	12.92	48.09	31.31		8.08	1.6	1.398	
187	4/26/2009 11:46	12.89	48.092	31.31		8.09	1.8	1.505	
188	4/26/2009 12:01	12.85	48.112	31.32		8.09	1.8	1.606	
189	4/26/2009 12:16	12.75	48.155	31.35		8.09	1.6	1.686	
190	4/26/2009 12:31	12.58	48.265	31.42		8.07	1.5	1.771	
191	4/26/2009 12:46	12.32	48.382	31.5		8.07	1.6	1.854	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
192	4/26/2009 13:01	12.12	48.383	31.49		8.06	1.3	1.914	
193	4/26/2009 13:16	11.79	48.545	31.59		8.04	1.2	1.983	
194	4/26/2009 13:31	11.41	48.769	31.73		8.01	1.1	2.05	
195	4/26/2009 13:46	11.11	48.932	31.84		8.01	1.1	2.098	
196	4/26/2009 14:01	10.98	48.967	31.85		8	0.9	2.134	
197	4/26/2009 14:16	10.92	48.997	31.87		8	0.9	2.166	
198	4/26/2009 14:31	10.89	49.002	31.87		7.99	0.7	2.188	
199	4/26/2009 14:46	10.93	48.963	31.85		7.96	0.5	2.168	
200	4/26/2009 15:01	10.92	48.947	31.84		7.96	0.5	2.142	
201	4/26/2009 15:16	10.98	48.863	31.78		7.95	0.3	2.102	
202	4/26/2009 15:31	11.24	48.608	31.61		7.98	0.9	2.037	
203	4/26/2009 15:46	11.45	48.458	31.51		7.98	0.4	1.968	
204	4/26/2009 16:01	11.64	48.38	31.46		8.01	0.9	1.886	
205	4/26/2009 16:16	11.7	48.324	31.43		8.01	0.4	1.816	
206	4/26/2009 16:31	11.78	48.256	31.38		8.02	1	1.726	
207	4/26/2009 16:46	11.99	48.163	31.32		8.04	1.6	1.646	
208	4/26/2009 17:01	12.29	48.077	31.28		8.05	1.7	1.574	
209	4/26/2009 17:16	12.45	48.097	31.3		8.07	2.1	1.492	
210	4/26/2009 17:31	12.6	48.052	31.27		8.07	1.2	1.425	
211	4/26/2009 17:46	12.86	47.973	31.22		8.12	2.4	1.358	
212	4/26/2009 18:01	13.01	47.938	31.2		8.12	2.4	1.282	
213	4/26/2009 18:16	13.22	47.818	31.12		8.12	2.8	1.23	
214	4/26/2009 18:31	13.47	47.642	31		8.11	2	1.197	
215	4/26/2009 18:46	13.53	47.75	31.08		8.08	1.5	1.165	
216	4/26/2009 19:01	13.61	47.843	31.15		8.1	1.6	1.149	
217	4/26/2009 19:16	13.76	47.785	31.12		8.09	1.3	1.151	
218	4/26/2009 19:31	13.84	47.794	31.13		8.08	1.4	1.169	
219	4/26/2009 19:46	13.92	47.788	31.12		8.09	1.6	1.209	
220	4/26/2009 20:01	13.97	47.772	31.11		8.11	2.3	1.252	
221	4/26/2009 20:16	14.01	47.76	31.11		8.11	2.1	1.317	
222	4/26/2009 20:31	14	47.776	31.12		8.12	2.3	1.393	
223	4/26/2009 20:46	13.82	47.899	31.2		8.15	2.6	1.467	
224	4/26/2009 21:01	13.9	47.813	31.14		8.15	3	1.546	
225	4/26/2009 21:16	13.88	47.821	31.15		8.14	2.3	1.631	
226	4/26/2009 21:31	13.72	47.934	31.22		8.15	2.3	1.715	
227	4/26/2009 21:46	13.41	48.147	31.37		8.14	2.1	1.799	
228	4/26/2009 22:01	12.89	48.425	31.55		8.12	2.7	1.878	
229	4/26/2009 22:16	12.31	48.649	31.69		8.09	2.2	1.956	
230	4/26/2009 22:31	11.83	48.749	31.74		8.06	2	2.052	
231	4/26/2009 22:46	11.62	48.811	31.78		8.05	2	2.134	
232	4/26/2009 23:01	11.31	48.952	31.86		8.04	1.9	2.224	
233	4/26/2009 23:16	10.88	49.122	31.96		8.02	1.8	2.317	
234	4/26/2009 23:31	10.5	49.264	32.04		7.99	1.7	2.414	
235	4/26/2009 23:46	10.2	49.379	32.11		7.97	1.7	2.5	
236	4/27/2009 0:01	9.94	49.451	32.14		7.96	1.3	2.588	
237	4/27/2009 0:16	9.72	49.522	32.18		7.93	1.1	2.674	
238	4/27/2009 0:31	9.57	49.57	32.2		7.92	1	2.74	
239	4/27/2009 0:46	9.45	49.611	32.22		7.9	0.9	2.798	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
240	4/27/2009 1:01	9.38	49.618	32.22		7.9	0.6	2.848	
241	4/27/2009 1:16	9.35	49.631	32.23		7.88	0.5	2.875	
242	4/27/2009 1:31	9.34	49.627	32.23		7.88	0.4	2.885	
243	4/27/2009 1:46	9.41	49.615	32.22		7.87	0.7	2.856	
244	4/27/2009 2:01	9.47	49.608	32.22		7.87	0.4	2.829	
245	4/27/2009 2:16	9.58	49.548	32.19		7.87	0.2	2.763	
246	4/27/2009 2:31	9.68	49.477	32.14		7.91	0.7	2.663	
247	4/27/2009 2:46	9.78	49.398	32.09		7.92	0.6	2.569	
248	4/27/2009 3:01	9.81	49.348	32.06		7.94	0.7	2.465	
249	4/27/2009 3:16	9.99	49.135	31.92		7.97	1.3	2.338	
250	4/27/2009 3:31	10.28	48.997	31.84		7.98	1.9	2.226	
251	4/27/2009 3:46	10.58	48.731	31.66		8.02	3.2	2.105	
252	4/27/2009 4:01	10.75	48.627	31.6		8.02	2.4	1.976	
253	4/27/2009 4:16	10.94	48.455	31.48		8.04	2.7	1.839	
254	4/27/2009 4:31	11.24	48.305	31.39		8.06	2	1.699	
255	4/27/2009 4:46	11.18	48.17	31.29		8.05	2	1.537	
256	4/27/2009 5:01	11.37	48.081	31.24		8.06	2.6	1.407	
257	4/27/2009 5:16	11.62	48.141	31.29		8.06	2.4	1.271	
258	4/27/2009 5:31	11.78	48.146	31.3		8.07	2.9	1.101	
259	4/27/2009 5:46	11.92	48.055	31.24		8.06	2.5	0.942	
260	4/27/2009 6:01	11.97	47.731	31.01		8.05	2.6	0.785	
261	4/27/2009 6:16	11.94	47.58	30.9		8.02	2	0.615	
262	4/27/2009 6:31	12.13	47.527	30.87		8.02	1.8	0.442	
263	4/27/2009 6:46	12.3	47.636	30.96		8.02	1.5	0.286	
264	4/27/2009 7:01								
265	4/27/2009 7:16								
266	4/27/2009 7:31								
267	4/27/2009 7:46								
268	4/27/2009 8:01								
269	4/27/2009 8:16								
270	4/27/2009 8:31								
271	4/27/2009 8:46								
272	4/27/2009 9:01								
273	4/27/2009 9:16	13.1	47.692	31.03		7.97	1.9	0.214	
274	4/27/2009 9:31	13.18	47.765	31.08		7.96	1.8	0.268	
275	4/27/2009 9:46	13.24	47.805	31.11		7.98	1.9	0.327	
276	4/27/2009 10:01	13.27	47.842	31.14		8.04	2.6	0.401	
277	4/27/2009 10:16	13.26	47.832	31.13		8.03	2.6	0.483	
278	4/27/2009 10:31	13.26	47.792	31.11		8.03	2.7	0.574	
279	4/27/2009 10:46	13.24	47.818	31.12		8.05	2.8	0.677	
280	4/27/2009 11:01	13.16	47.863	31.15		8.08	3	0.788	
281	4/27/2009 11:16	13.14	47.873	31.16		8.09	2.9	0.894	
282	4/27/2009 11:31	13.05	47.971	31.23		8.08	2.9	1.011	
283	4/27/2009 11:46	12.9	48.081	31.3		8.09	2.6	1.127	
284	4/27/2009 12:01	12.65	48.257	31.42		8.07	2.7	1.236	
285	4/27/2009 12:16	12.52	48.338	31.47		8.07	2	1.344	
286	4/27/2009 12:31	12.49	48.354	31.48		8.08	2	1.446	
287	4/27/2009 12:46	12.48	48.364	31.49		8.07	1.9	1.549	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
288	4/27/2009 13:01	12.38	48.411	31.52		8.07	1.6	1.636	
289	4/27/2009 13:16	12.25	48.49	31.57		8.07	1.5	1.72	
290	4/27/2009 13:31	12.09	48.542	31.6		8.05	1.4	1.797	
291	4/27/2009 13:46	11.85	48.605	31.64		8.02	1.3	1.869	
292	4/27/2009 14:01	11.61	48.683	31.68		8.01	1.2	1.934	
293	4/27/2009 14:16	11.2	48.942	31.85		7.99	1	1.995	
294	4/27/2009 14:31	10.87	49.075	31.93		7.97	1	2.064	
295	4/27/2009 14:46	10.78	49.089	31.93		7.96	0.7	2.103	
296	4/27/2009 15:01	10.71	49.12	31.95		7.96	0.7	2.141	
297	4/27/2009 15:16	10.67	49.124	31.95		7.95	0.7	2.175	
298	4/27/2009 15:31	10.68	49.12	31.95		7.94	0.5	2.179	
299	4/27/2009 15:46	10.72	49.11	31.94		7.93	0.4	2.159	
300	4/27/2009 16:01	10.75	49.095	31.93		7.92	0.2	2.133	
301	4/27/2009 16:16	10.78	49.034	31.89		7.92	0.3	2.081	
302	4/27/2009 16:31	10.93	48.82	31.75		7.94	0.4	2.017	
303	4/27/2009 16:46	11.17	48.665	31.65		7.96	0.6	1.949	
304	4/27/2009 17:01	11.33	48.577	31.59		7.99	0.5	1.876	
305	4/27/2009 17:16	11.44	48.536	31.57		7.99	0.5	1.793	
306	4/27/2009 17:31	11.58	48.475	31.53		8.02	0.9	1.712	
307	4/27/2009 17:46	11.69	48.427	31.5		8.02	0.9	1.644	
308	4/27/2009 18:01	11.83	48.389	31.48		8.05	0.7	1.577	
309	4/27/2009 18:16	12.02	48.357	31.47		8.06	1.3	1.507	
310	4/27/2009 18:31	12.11	48.351	31.47		8.03	0.9	1.444	
311	4/27/2009 18:46	12.19	48.347	31.47		8.03	0.8	1.391	
312	4/27/2009 19:01	12.38	48.323	31.46		8.07	0.9	1.34	
313	4/27/2009 19:16	12.59	48.297	31.45		8.07	1.1	1.294	
314	4/27/2009 19:31	12.68	48.263	31.43		8.04	1	1.263	
315	4/27/2009 19:46	12.79	48.215	31.4		8.01	0.7	1.259	
316	4/27/2009 20:01	12.92	48.154	31.36		8.01	0.6	1.258	
317	4/27/2009 20:16	13.05	48.139	31.35		8.02	0.7	1.268	
318	4/27/2009 20:31	13.13	48.127	31.34		8.04	0.7	1.299	
319	4/27/2009 20:46	13.16	48.135	31.35		8.06	0.9	1.341	
320	4/27/2009 21:01	13.17	48.152	31.36		8.11	1.3	1.409	
321	4/27/2009 21:16	13.12	48.212	31.41		8.14	1.6	1.469	
322	4/27/2009 21:31	13.15	48.177	31.38		8.12	1.7	1.539	
323	4/27/2009 21:46	13.14	48.169	31.37		8.12	1.5	1.622	
324	4/27/2009 22:01	12.92	48.333	31.49		8.12	1.5	1.698	
325	4/27/2009 22:16	12.68	48.433	31.55		8.12	1.3	1.777	
326	4/27/2009 22:31	12.26	48.682	31.71		8.08	1.2	1.848	
327	4/27/2009 22:46	11.83	48.812	31.79		8.06	1.2	1.933	
328	4/27/2009 23:01	11.41	48.972	31.88		8.02	1.3	2.012	
329	4/27/2009 23:16	11.18	49.015	31.9		8.02	1.4	2.094	
330	4/27/2009 23:31	10.97	49.126	31.97		8.01	1.3	2.182	
331	4/27/2009 23:46	10.56	49.295	32.07		7.98	1.2	2.271	
332	4/28/2009 0:01	10.15	49.433	32.14		7.95	1.2	2.361	
333	4/28/2009 0:16	9.87	49.52	32.19		7.92	1.3	2.453	
334	4/28/2009 0:31	9.61	49.621	32.24		7.91	1	2.539	
335	4/28/2009 0:46	9.43	49.645	32.25		7.89	1.1	2.616	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
336	4/28/2009 1:01	9.26	49.714	32.28		7.88	0.9	2.69	
337	4/28/2009 1:16	9.09	49.77	32.31		7.86	0.7	2.765	
338	4/28/2009 1:31	9.01	49.785	32.31		7.84	0.6	2.812	
339	4/28/2009 1:46	8.95	49.808	32.33		7.83	0.5	2.849	
340	4/28/2009 2:01	8.91	49.82	32.33		7.82	0.5	2.878	
341	4/28/2009 2:16	8.95	49.792	32.31		7.8	0.4	2.883	
342	4/28/2009 2:31	9.03	49.785	32.32		7.8	0.2	2.863	
343	4/28/2009 2:46	9.1	49.752	32.3		7.78	0.2	2.823	
344	4/28/2009 3:01	9.21	49.682	32.26		7.81	0.5	2.758	
345	4/28/2009 3:16	9.43	49.537	32.17		7.85	0.9	2.681	
346	4/28/2009 3:31	9.71	49.452	32.13		7.89	0.9	2.586	
347	4/28/2009 3:46	9.86	49.407	32.1		7.9	1	2.476	
348	4/28/2009 4:01	10.01	49.322	32.05		7.92	0.9	2.367	
349	4/28/2009 4:16	10.1	49.234	32		7.94	0.8	2.26	
350	4/28/2009 4:31	10.14	49.124	31.92		7.95	0.7	2.138	
351	4/28/2009 4:46	10.23	48.98	31.82		7.97	0.9	2.007	
352	4/28/2009 5:01	10.44	48.746	31.66		8	1.4	1.876	
353	4/28/2009 5:16	10.57	48.638	31.59		8.01	1.7	1.752	
354	4/28/2009 5:31	10.74	48.458	31.47		8.02	2	1.614	
355	4/28/2009 5:46	10.87	48.381	31.43		8.01	1.8	1.466	
356	4/28/2009 6:01	10.95	48.445	31.48		8.02	1.9	1.324	
357	4/28/2009 6:16	11.12	48.338	31.41		8.03	2.3	1.178	
358	4/28/2009 6:31	11.25	48.261	31.36		8.02	2.3	1.018	
359	4/28/2009 6:46	11.44	48.137	31.28		8.03	2.2	0.855	
360	4/28/2009 7:01	11.49	48.081	31.24		8.02	1.9	0.697	
361	4/28/2009 7:16	11.65	48.034	31.22		8.03	2	0.53	
362	4/28/2009 7:31	11.73	48.009	31.2		8.03	1.8	0.367	
363	4/28/2009 7:46	11.78	47.976	31.18		8	1.2	0.235	
364	4/28/2009 8:01								
365	4/28/2009 8:16								
366	4/28/2009 8:31								
367	4/28/2009 8:46								
368	4/28/2009 9:01								
369	4/28/2009 9:16								
370	4/28/2009 9:31								
371	4/28/2009 9:46								
372	4/28/2009 10:01	12.73	47.93	31.19		7.97	2.3	0.232	
373	4/28/2009 10:16	12.85	47.93	31.19		7.99	1.6	0.285	
374	4/28/2009 10:31	12.88	47.96	31.21		7.97	1.5	0.343	
375	4/28/2009 10:46	12.93	47.905	31.18		7.97	1.3	0.397	
376	4/28/2009 11:01	13	47.822	31.12		7.99	2.3	0.47	
377	4/28/2009 11:16	12.99	47.793	31.1		8.03	2.4	0.558	
378	4/28/2009 11:31	13.02	47.728	31.05		8.02	2.1	0.647	
379	4/28/2009 11:46	13.06	47.678	31.02		8.03	1.5	0.742	
380	4/28/2009 12:01	12.95	47.828	31.12		8.07	2.7	0.839	
381	4/28/2009 12:16	12.87	47.927	31.19		8.08	2.1	0.959	
382	4/28/2009 12:31	12.68	48.134	31.33		8.08	2.1	1.069	
383	4/28/2009 12:46	12.44	48.34	31.47		8.07	1.8	1.167	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
384	4/28/2009 13:01	12.4	48.397	31.51		8.07	1.8	1.285	
385	4/28/2009 13:16	12.33	48.468	31.56		8.06	2	1.393	
386	4/28/2009 13:31	12.28	48.493	31.58		8.06	1.6	1.486	
387	4/28/2009 13:46	12.25	48.518	31.59		8.06	1.5	1.573	
388	4/28/2009 14:01	12.14	48.535	31.6		8.05	1.3	1.669	
389	4/28/2009 14:16	12.01	48.585	31.63		8.03	1.3	1.75	
390	4/28/2009 14:31	11.8	48.706	31.71		8.02	1.1	1.821	
391	4/28/2009 14:46	11.62	48.763	31.74		8.01	1.2	1.884	
392	4/28/2009 15:01	11.38	48.866	31.8		8.01	1.1	1.957	
393	4/28/2009 15:16	11.06	48.999	31.88		7.97	1	2.019	
394	4/28/2009 15:31	10.88	49.072	31.92		7.95	1	2.063	
395	4/28/2009 15:46	10.66	49.201	32.01		7.95	0.7	2.109	
396	4/28/2009 16:01	10.57	49.227	32.02		7.92	0.5	2.137	
397	4/28/2009 16:16	10.53	49.225	32.02		7.91	0.9	2.165	
398	4/28/2009 16:31	10.55	49.217	32.01		7.9	0.4	2.165	
399	4/28/2009 16:46	10.58	49.208	32.01		7.89	0.4	2.149	
400	4/28/2009 17:01	10.62	49.165	31.98		7.88	0.1	2.113	
401	4/28/2009 17:16	10.66	49.084	31.92		7.89	0.1	2.073	
402	4/28/2009 17:31	10.79	48.901	31.8		7.94	0.4	2.004	
403	4/28/2009 17:46	11.27	48.749	31.71		7.97	0.7	1.927	
404	4/28/2009 18:01	11.49	48.655	31.66		7.98	0.5	1.865	
405	4/28/2009 18:16	11.84	48.694	31.7		8.05	1	1.792	
406	4/28/2009 18:31	12.03	48.705	31.72		8.08	0.9	1.716	
407	4/28/2009 18:46	12.09	48.635	31.67		8.05	0.6	1.65	
408	4/28/2009 19:01	12.1	48.508	31.58		8.04	0.5	1.587	
409	4/28/2009 19:16	12.12	48.521	31.59		8.02	0.6	1.531	
410	4/28/2009 19:31	12.2	48.504	31.58		8.02	0.7	1.477	
411	4/28/2009 19:46	12.27	48.469	31.56		8.03	0.7	1.421	
412	4/28/2009 20:01	12.41	48.431	31.54		8.03	0.7	1.385	
413	4/28/2009 20:16	12.5	48.441	31.55		8.01	0.7	1.356	
414	4/28/2009 20:31	12.62	48.421	31.54		8.02	0.5	1.342	
415	4/28/2009 20:46	12.75	48.374	31.51		8	0.5	1.337	
416	4/28/2009 21:01	12.89	48.368	31.51		7.97	0.5	1.348	
417	4/28/2009 21:16	12.99	48.357	31.51		7.99	0.5	1.373	
418	4/28/2009 21:31	13.05	48.358	31.51		8.01	0.5	1.418	
419	4/28/2009 21:46	13.09	48.366	31.52		8.01	0.7	1.464	
420	4/28/2009 22:01	13.03	48.435	31.56		8.09	0.8	1.513	
421	4/28/2009 22:16	12.99	48.433	31.56		8.1	1.4	1.588	
422	4/28/2009 22:31	13.01	48.414	31.55		8.1	1	1.648	
423	4/28/2009 22:46	12.93	48.456	31.58		8.08	0.9	1.72	
424	4/28/2009 23:01	12.72	48.557	31.64		8.09	0.8	1.784	
425	4/28/2009 23:16	12.36	48.741	31.76		8.06	0.9	1.855	
426	4/28/2009 23:31	11.95	48.888	31.85		8.03	0.9	1.925	
427	4/28/2009 23:46	11.68	48.952	31.88		8	0.7	1.991	
428	4/29/2009 0:01	11.28	49.093	31.96		7.99	0.7	2.072	
429	4/29/2009 0:16	11.04	49.151	31.99		7.98	0.7	2.141	
430	4/29/2009 0:31	10.84	49.196	32.01		7.97	0.9	2.222	
431	4/29/2009 0:46	10.54	49.338	32.1		7.94	0.8	2.303	

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
432	4/29/2009 1:01	10.19	49.476	32.17		7.91	0.8	2.376	
433	4/29/2009 1:16	9.84	49.584	32.23		7.89	1	2.462	
434	4/29/2009 1:31	9.63	49.647	32.26		7.88	0.7	2.531	
435	4/29/2009 1:46	9.43	49.713	32.29		7.85	0.7	2.599	
436	4/29/2009 2:01	9.29	49.747	32.31		7.85	0.5	2.66	
437	4/29/2009 2:16	9.19	49.778	32.32		7.84	0.5	2.71	
438	4/29/2009 2:31	9.13	49.784	32.32		7.84	0.4	2.75	
439	4/29/2009 2:46	9.08	49.806	32.34		7.82	0.3	2.781	
440	4/29/2009 3:01	9.06	49.795	32.33		7.8	0.2	2.794	
441	4/29/2009 3:16	9.12	49.779	32.32		7.83	0.1	2.778	
442	4/29/2009 3:31	9.16	49.779	32.32		7.78	0.1	2.751	
443	4/29/2009 3:46	9.22	49.744	32.3		7.79	0.1	2.708	
444	4/29/2009 4:01	9.44	49.599	32.21		7.84	0.8	2.636	
445	4/29/2009 4:16	9.74	49.513	32.17		7.87	0.7	2.548	
446	4/29/2009 4:31	9.94	49.428	32.12		7.88	0.6	2.451	
447	4/29/2009 4:46	10.01	49.397	32.11		7.88	0.5	2.364	
448	4/29/2009 5:01	10.07	49.271	32.02		7.91	0.5	2.253	
449	4/29/2009 5:16	10.13	49.155	31.94		7.96	0.4	2.129	
450	4/29/2009 5:31	10.25	49.056	31.88		7.94	0.7	2.016	
451	4/29/2009 5:46	10.43	48.854	31.74		7.96	1.2	1.902	
452	4/29/2009 6:01	10.63	48.71	31.65		7.99	1.3	1.776	
453	4/29/2009 6:16	10.85	48.742	31.68		7.99	1.5	1.639	
454	4/29/2009 6:31	10.99	48.691	31.66		8.01	1.6	1.503	
455	4/29/2009 6:46	11.16	48.74	31.7		8.01	1.6	1.374	
456	4/29/2009 7:01	11.39	48.648	31.65		8.02	1.9	1.222	
457	4/29/2009 7:16	11.67	48.406	31.48		8.05	2.1	1.074	
458	4/29/2009 7:31	11.72	48.225	31.36		8.05	1.6	0.924	
459	4/29/2009 7:46	11.86	48.144	31.3		8.06	1.3	0.774	
460	4/29/2009 8:01	12.04	48.015	31.22		8.07	1.2	0.631	
461	4/29/2009 8:16	12.13	47.992	31.21		8.06	1.5	0.47	
462	4/29/2009 8:31	12.48	48.096	31.3		8.07	5.6	0.341	
463	4/29/2009 8:46								
464	4/29/2009 9:01								
465	4/29/2009 9:16								
466	4/29/2009 9:31								
467	4/29/2009 9:46								
468	4/29/2009 10:01								
469	4/29/2009 10:16								
470	4/29/2009 10:31								
471	4/29/2009 10:46								
472	4/29/2009 11:01								
473	4/29/2009 11:16								
474	4/29/2009 11:31								
475	4/29/2009 11:46								
476	4/29/2009 12:01								
477	4/29/2009 12:16								
478	4/29/2009 12:31								
479	4/29/2009 12:46								

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
480	4/29/2009 13:01								
481	4/29/2009 13:16								
482	4/29/2009 13:31								
483	4/29/2009 13:46								
484	4/29/2009 14:01								
485	4/29/2009 14:16								
486	4/29/2009 14:31								
487	4/29/2009 14:46								
488	4/29/2009 15:01								
489	4/29/2009 15:16								
490	4/29/2009 15:31								
491	4/29/2009 15:46	11.84	48.822	31.79	8.43	7.92	2.6	0.728	95.2
492	4/29/2009 16:01	11.71	48.885	31.83	8.25	7.97	2.6	0.775	92.9
493	4/29/2009 16:16	11.5	49.003	31.91	8.13	7.96	2.6	0.818	91.2
494	4/29/2009 16:31	11.23	49.121	31.98	8.01	7.95	2.4	1.004	89.4
495	4/29/2009 16:46	10.83	49.297	32.08	7.74	7.93	2.5	2.635	85.7
496	4/29/2009 17:01	10.73	49.338	32.11	7.62	7.92	2.3	2.659	84.2
497	4/29/2009 17:16	11.18	49.039	31.92	7.69	7.96	1.8	2.673	85.7
498	4/29/2009 17:31	10.77	49.343	32.11	7.52	7.91	1.4	2.674	83.1
499	4/29/2009 17:46	10.78	49.331	32.11	7.55	7.92	1.8	2.656	83.5
500	4/29/2009 18:01	10.9	49.285	32.08	7.6	7.93	1.8	2.617	84.3
501	4/29/2009 18:16	11.21	49.165	32.01	7.8	7.96	1.8	2.58	87
502	4/29/2009 18:31	12.4	48.88	31.86	8.83	8.07	2.4	2.517	100.9
503	4/29/2009 18:46	12.47	48.885	31.87	9.33	8.1	2.3	2.454	106.8
504	4/29/2009 19:01	12.6	48.823	31.83	9.61	8.13	2.3	2.4	110.3
505	4/29/2009 19:16	12.48	48.835	31.83	9.71	8.13	2.3	2.324	111.2
506	4/29/2009 19:31	12.38	48.885	31.86	9.81	8.13	2.1	2.258	112.1
507	4/29/2009 19:46	12.59	48.792	31.81	9.79	8.16	2.2	2.203	112.3
508	4/29/2009 20:01	12.62	48.792	31.81	9.72	8.16	2.1	2.138	111.6
509	4/29/2009 20:16	12.67	48.795	31.81	9.88	8.16	2.2	2.081	113.5
510	4/29/2009 20:31	12.72	48.715	31.75	9.62	8.15	2	2.036	110.6
511	4/29/2009 20:46	12.95	48.605	31.68	9.38	8.14	2.3	1.998	108.3
512	4/29/2009 21:01	12.97	48.613	31.69	9.46	8.15	2.2	1.958	109.3
513	4/29/2009 21:16	13.23	48.496	31.61	9.34	8.15	2.1	1.943	108.5
514	4/29/2009 21:31	13.36	48.429	31.57	9.28	8.15	2.1	1.928	108.1
515	4/29/2009 21:46	13.37	48.431	31.57	9.22	8.15	1.6	1.923	107.3
516	4/29/2009 22:01	13.3	48.461	31.59	9.29	8.15	2	1.937	108
517	4/29/2009 22:16	13.21	48.502	31.62	9.34	8.15	2	1.959	108.4
518	4/29/2009 22:31	13.17	48.496	31.61	9.24	8.14	2.3	1.997	107.2
519	4/29/2009 22:46	13.1	48.535	31.64	9.2	8.13	2.3	2.026	106.5
520	4/29/2009 23:01	12.99	48.576	31.66	9.12	8.12	2.3	2.082	105.5
521	4/29/2009 23:16	13.14	48.484	31.6	9.04	8.12	2.6	2.141	104.8
522	4/29/2009 23:31	13.16	48.468	31.59	9.01	8.12	2.8	2.191	104.5
523	4/29/2009 23:46	12.89	48.577	31.66	8.94	8.1	2.7	2.247	103.1
524	4/30/2009 0:01	12.68	48.657	31.71	8.85	8.09	2.4	2.312	101.7
525	4/30/2009 0:16	12.27	48.801	31.8	8.57	8.06	2.6	2.377	97.7
526	4/30/2009 0:31	12.01	48.872	31.84	8.36	8.03	2.2	2.425	94.8
527	4/30/2009 0:46	11.54	49.052	31.95	8.04	7.99	2.3	2.501	90.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
528	4/30/2009 1:01	11.32	49.112	31.98	7.95	7.99	2.6	2.564	88.9
529	4/30/2009 1:16	11.08	49.201	32.03	7.78	7.97	2.4	2.626	86.5
530	4/30/2009 1:31	10.96	49.246	32.06	7.66	7.96	2.3	2.703	85
531	4/30/2009 1:46	10.65	49.349	32.11	7.51	7.93	2.3	2.764	82.8
532	4/30/2009 2:01	10.5	49.391	32.13	7.41	7.92	2.3	2.841	81.4
533	4/30/2009 2:16	10.25	49.464	32.17	7.26	7.9	2.3	2.906	79.4
534	4/30/2009 2:31	10.12	49.5	32.19	7.16	7.9	2.3	2.971	78.1
535	4/30/2009 2:46	9.98	49.552	32.22	7.12	7.89	2.3	3.034	77.4
536	4/30/2009 3:01	9.82	49.606	32.24	7.08	7.88	2.4	3.079	76.7
537	4/30/2009 3:16	9.73	49.628	32.25	7	7.88	2	3.135	75.8
538	4/30/2009 3:31	9.66	49.66	32.27	6.95	7.87	1.9	3.165	75.1
539	4/30/2009 3:46	9.71	49.628	32.25	6.9	7.88	1.2	3.18	74.7
540	4/30/2009 4:01	10.06	49.531	32.21	7.05	7.89	2.1	3.201	76.8
541	4/30/2009 4:16	9.77	49.612	32.25	6.83	7.86	1.6	3.19	73.9
542	4/30/2009 4:31	9.67	49.647	32.26	6.84	7.86	1.7	3.154	74
543	4/30/2009 4:46	9.78	49.632	32.26	6.9	7.87	1.9	3.111	74.7
544	4/30/2009 5:01	10.61	49.278	32.06	7.39	7.95	2	3.047	81.5
545	4/30/2009 5:16	10.83	49.224	32.03	7.29	7.94	2	2.971	80.7
546	4/30/2009 5:31	10.67	49.3	32.08	7.22	7.93	2.9	2.884	79.6
547	4/30/2009 5:46	10.77	49.255	32.05	7.25	7.93	2.9	2.795	80.1
548	4/30/2009 6:01	10.75	49.267	32.06	7.27	7.92	2.7	2.693	80.3
549	4/30/2009 6:16	10.85	49.23	32.04	7.32	7.94	2.7	2.588	81
550	4/30/2009 6:31	11.17	49.1	31.96	7.23	7.94	2	2.49	80.6
551	4/30/2009 6:46	11.35	49.043	31.93	7.42	7.96	2	2.374	83
552	4/30/2009 7:01	11.46	49	31.9	7.73	7.97	3.7	2.252	86.7
553	4/30/2009 7:16	11.7	48.905	31.85	7.9	8.02	3.7	2.143	89
554	4/30/2009 7:31	11.62	48.932	31.86	7.92	8.01	3.5	2.014	89.1
555	4/30/2009 7:46	11.85	48.849	31.81	8.07	8.04	3.2	1.875	91.1
556	4/30/2009 8:01	11.96	48.816	31.8	8.35	8.06	2.9	1.751	94.5
557	4/30/2009 8:16	12.16	48.745	31.75	8.54	8.08	3.1	1.629	97.1
558	4/30/2009 8:31	12.37	48.674	31.71	8.7	8.11	3.1	1.488	99.3
559	4/30/2009 8:46	12.64	48.59	31.66	8.85	8.13	2.7	1.343	101.5
560	4/30/2009 9:01	12.99	48.49	31.6	8.77	8.16	2.8	1.213	101.3
561	4/30/2009 9:16	13.1	48.47	31.59	8.77	8.16	2.6	1.093	101.6
562	4/30/2009 9:31	13.26	48.443	31.58	8.81	8.17	2.9	0.966	102.3
563	4/30/2009 9:46	13.3	48.431	31.57	8.8	8.18	2.7	0.862	102.3
564	4/30/2009 10:01	13.62	48.375	31.54	8.79	8.2	3.1	0.787	102.8
565	4/30/2009 10:16	13.72	48.349	31.53	8.78	8.2	3	0.72	102.9
566	4/30/2009 10:31	13.86	48.345	31.53	8.86	8.22	2.9	0.709	104.1
567	4/30/2009 10:46	13.7	48.403	31.56	8.83	8.2	2.9	0.713	103.5
568	4/30/2009 11:01	13.9	48.332	31.52	8.77	8.2	2.6	0.744	103.1
569	4/30/2009 11:16	13.76	48.38	31.55	8.78	8.2	2.5	0.794	103.1
570	4/30/2009 11:31	13.74	48.37	31.54	8.77	8.19	3.1	0.845	102.9
571	4/30/2009 11:46	13.69	48.359	31.53	8.74	8.18	2.9	0.9	102.4
572	4/30/2009 12:01	13.69	48.324	31.51	8.72	8.18	3.6	0.946	102.1
573	4/30/2009 12:16	13.8	48.175	31.4	8.69	8.18	3.3	1.013	102
574	4/30/2009 12:31	13.74	48.211	31.42	8.68	8.17	3.4	1.063	101.8
575	4/30/2009 12:46	13.78	47.888	31.19	8.49	8.16	3.5	1.118	99.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
576	4/30/2009 13:01	13.71	47.836	31.15	8.45	8.16	3.4	1.192	98.8
577	4/30/2009 13:16	13.74	47.918	31.21	8.5	8.15	3.2	1.263	99.5
578	4/30/2009 13:31	13.4	48.211	31.41	8.5	8.15	2.9	1.338	98.9
579	4/30/2009 13:46	13.33	48.265	31.45	8.59	8.15	2.7	1.419	99.8
580	4/30/2009 14:01	13.1	48.347	31.5	8.5	8.14	2.7	1.526	98.4
581	4/30/2009 14:16	12.74	48.513	31.61	8.34	8.1	2.6	1.61	95.9
582	4/30/2009 14:31	12.61	48.581	31.65	8.28	8.08	2.7	1.701	95
583	4/30/2009 14:46	12.58	48.63	31.69	8.33	8.08	2.7	1.812	95.4
584	4/30/2009 15:01	12.55	48.673	31.72	8.39	8.08	2.7	1.907	96.1
585	4/30/2009 15:16	12.46	48.715	31.74	8.4	8.08	2.6	1.983	96
586	4/30/2009 15:31	12.38	48.74	31.76	8.32	8.07	2.7	2.075	95
587	4/30/2009 15:46	12.37	48.763	31.77	8.33	8.06	2.4	2.162	95.1
588	4/30/2009 16:01	12.23	48.766	31.77	8.27	8.05	2.8	2.228	94.1
589	4/30/2009 16:16	12.03	48.822	31.8	8.13	8.03	2.6	2.294	92.2
590	4/30/2009 16:31	11.86	48.886	31.84	8.07	8.02	2.8	2.368	91.2
591	4/30/2009 16:46	11.73	48.932	31.87	8.07	8.01	2.4	2.433	91
592	4/30/2009 17:01	11.57	48.998	31.91	8.02	8	2.6	2.485	90.1
593	4/30/2009 17:16	11.31	49.097	31.97	7.91	7.98	2.7	2.537	88.5
594	4/30/2009 17:31	11.06	49.182	32.01	7.79	7.97	2	2.597	86.6
595	4/30/2009 17:46	10.82	49.288	32.08	7.65	7.96	1.9	2.635	84.7
596	4/30/2009 18:01	10.74	49.347	32.12	7.6	7.95	1.8	2.662	84
597	4/30/2009 18:16	10.67	49.374	32.13	7.55	7.95	1.5	2.689	83.4
598	4/30/2009 18:31	11.03	49.238	32.05	7.74	7.98	1.8	2.701	86.1
599	4/30/2009 18:46	10.72	49.348	32.12	7.46	7.94	1.2	2.682	82.5
600	4/30/2009 19:01	10.75	49.341	32.11	7.52	7.94	1.5	2.652	83.1
601	4/30/2009 19:16	10.89	49.281	32.08	7.57	7.96	1.6	2.617	83.9
602	4/30/2009 19:31	11.44	49.122	31.99	7.99	8.01	1.6	2.559	89.5
603	4/30/2009 19:46	11.69	49.016	31.93	8.23	8.03	2.2	2.511	92.8
604	4/30/2009 20:01	12.05	48.88	31.85	8.48	8.08	2	2.445	96.2
605	4/30/2009 20:16	12.07	48.853	31.83	8.45	8.07	2.1	2.383	95.9
606	4/30/2009 20:31	11.89	48.89	31.85	8.27	8.05	2	2.319	93.6
607	4/30/2009 20:46	11.97	48.821	31.8	8.14	8.05	2	2.262	92.1
608	4/30/2009 21:01	11.99	48.812	31.79	8.2	8.05	2	2.208	92.9
609	4/30/2009 21:16	12.08	48.761	31.76	8.3	8.06	2.3	2.15	94.2
610	4/30/2009 21:31	12.16	48.689	31.71	8.25	8.08	1.9	2.111	93.7
611	4/30/2009 21:46	12.29	48.697	31.72	8.36	8.09	2.1	2.066	95.3
612	4/30/2009 22:01	12.43	48.62	31.67	8.37	8.1	2	2.029	95.6
613	4/30/2009 22:16	12.42	48.57	31.64	8.35	8.1	1.9	1.988	95.4
614	4/30/2009 22:31	12.61	48.521	31.61	8.45	8.11	1.9	1.965	96.9
615	4/30/2009 22:46	12.66	48.479	31.58	8.39	8.11	1.9	1.95	96.2
616	4/30/2009 23:01	12.72	48.458	31.57	8.37	8.11	1.6	1.941	96.2
617	4/30/2009 23:16	12.6	48.489	31.59	8.39	8.11	2	1.947	96.2
618	4/30/2009 23:31	12.52	48.557	31.63	8.35	8.09	2.2	1.96	95.5
619	4/30/2009 23:46	12.49	48.57	31.64	8.26	8.09	2.4	1.988	94.5
620	5/1/2009 0:01	12.47	48.612	31.67	8.26	8.08	2.4	2.029	94.4
621	5/1/2009 0:16	12.42	48.643	31.69	8.25	8.08	2.6	2.058	94.3
622	5/1/2009 0:31	12.4	48.59	31.65	8.22	8.07	2.7	2.113	93.8
623	5/1/2009 0:46	12.41	48.57	31.64	8.24	8.1	2.4	2.169	94.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
624	5/1/2009 1:01	12.28	48.66	31.7	8.2	8.07	2.4	2.226	93.4
625	5/1/2009 1:16	12.09	48.76	31.76	8.11	8.05	2.4	2.274	92.1
626	5/1/2009 1:31	11.83	48.853	31.82	7.99	8.03	2.4	2.334	90.2
627	5/1/2009 1:46	11.6	48.947	31.87	7.85	8.01	2.2	2.399	88.3
628	5/1/2009 2:01	11.32	49.076	31.95	7.76	8	2.1	2.449	86.8
629	5/1/2009 2:16	11.28	49.08	31.95	7.76	7.99	2	2.51	86.6
630	5/1/2009 2:31	11.06	49.167	32	7.67	7.98	2.1	2.572	85.3
631	5/1/2009 2:46	10.94	49.227	32.04	7.67	7.97	2	2.638	85.1
632	5/1/2009 3:01	10.77	49.301	32.08	7.64	7.97	2	2.693	84.5
633	5/1/2009 3:16	10.64	49.333	32.1	7.61	7.96	2.1	2.751	83.9
634	5/1/2009 3:31	10.4	49.419	32.15	7.59	7.96	2.3	2.82	83.3
635	5/1/2009 3:46	10.21	49.474	32.18	7.6	7.96	2	2.87	83
636	5/1/2009 4:01	10.1	49.511	32.2	7.59	7.97	2	2.916	82.8
637	5/1/2009 4:16	10.03	49.535	32.21	7.61	7.95	1.7	2.966	82.9
638	5/1/2009 4:31	9.96	49.539	32.21	7.64	7.98	1.8	3.003	83.1
639	5/1/2009 4:46	9.88	49.589	32.24	7.65	7.98	2.2	3.026	83.1
640	5/1/2009 5:01	9.87	49.603	32.25	7.62	7.97	1.2	3.032	82.7
641	5/1/2009 5:16	9.92	49.573	32.23	7.56	7.96	1.5	3.036	82.1
642	5/1/2009 5:31	9.96	49.555	32.22	7.51	7.95	1.2	3.022	81.7
643	5/1/2009 5:46	9.87	49.572	32.22	7.58	7.97	1.5	2.975	82.2
644	5/1/2009 6:01	11.07	49.062	31.93	7.44	7.99	3.2	2.919	82.7
645	5/1/2009 6:16	10.75	49.234	32.03	7.36	7.95	1.8	2.858	81.3
646	5/1/2009 6:31	10.66	49.316	32.09	7.36	7.95	1.8	2.789	81.2
647	5/1/2009 6:46	11.29	49.038	31.92	7.11	7.95	1.7	2.702	79.4
648	5/1/2009 7:01	10.92	49.188	32.01	7.45	7.96	2.2	2.597	82.6
649	5/1/2009 7:16	11.1	49.128	31.98	7.42	7.96	2.4	2.529	82.6
650	5/1/2009 7:31	11.4	48.988	31.89	7.43	7.97	1.7	2.433	83.2
651	5/1/2009 7:46	11.5	48.957	31.87	7.52	8	1.8	2.332	84.3
652	5/1/2009 8:01	11.71	48.88	31.83	7.68	8	2.2	2.231	86.5
653	5/1/2009 8:16	11.93	48.793	31.78	7.88	8.02	2.1	2.131	89.1
654	5/1/2009 8:31	12.06	48.756	31.76	8.02	8.04	3.1	2.018	91
655	5/1/2009 8:46	12.18	48.723	31.74	8.27	8.07	2.6	1.911	94.1
656	5/1/2009 9:01	12.28	48.705	31.73	8.5	8.09	2.7	1.78	96.9
657	5/1/2009 9:16	12.49	48.612	31.67	8.68	8.12	2.6	1.667	99.3
658	5/1/2009 9:31	12.66	48.555	31.64	8.81	8.13	2.5	1.564	101.2
659	5/1/2009 9:46	12.86	48.501	31.6	8.86	8.15	2.3	1.435	102.1
660	5/1/2009 10:01	13.06	48.434	31.56	8.91	8.15	2.4	1.324	103
661	5/1/2009 10:16	13.16	48.409	31.55	8.88	8.16	2	1.222	103
662	5/1/2009 10:31	13.25	48.407	31.55	8.99	8.18	2.1	1.126	104.4
663	5/1/2009 10:46	13.39	48.353	31.52	8.86	8.18	2	1.045	103.1
664	5/1/2009 11:01	13.5	48.337	31.51	8.91	8.19	2.1	0.968	103.9
665	5/1/2009 11:16	13.63	48.313	31.5	9	8.21	2.1	0.909	105.3
666	5/1/2009 11:31	13.67	48.308	31.49	8.95	8.21	1.9	0.883	104.8
667	5/1/2009 11:46	13.64	48.353	31.52	9.12	8.22	2.1	0.869	106.8
668	5/1/2009 12:01	13.59	48.338	31.51	9.05	8.21	2.1	0.87	105.8
669	5/1/2009 12:16	13.5	48.348	31.52	8.96	8.19	2.4	0.895	104.5
670	5/1/2009 12:31	13.47	48.334	31.51	8.83	8.18	2	0.946	103
671	5/1/2009 12:46	13.44	48.342	31.51	8.76	8.17	2	0.991	102.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
672	5/1/2009 13:01	13.47	48.342	31.51	8.71	8.17	2	1.048	101.6
673	5/1/2009 13:16	13.43	48.351	31.52	8.65	8.17	1.9	1.103	100.8
674	5/1/2009 13:31	13.4	48.193	31.4	8.51	8.16	2.4	1.173	99
675	5/1/2009 13:46	13.35	48.262	31.45	8.5	8.15	2.3	1.236	98.8
676	5/1/2009 14:01	13.26	48.201	31.4	8.4	8.14	2.5	1.3	97.4
677	5/1/2009 14:16	13.23	48.165	31.38	8.34	8.13	2.5	1.386	96.7
678	5/1/2009 14:31	13.14	48.205	31.4	8.29	8.13	2.4	1.456	96
679	5/1/2009 14:46	13.01	48.285	31.45	8.3	8.13	2.4	1.547	95.8
680	5/1/2009 15:01	12.83	48.326	31.48	8.18	8.1	2.4	1.632	94.2
681	5/1/2009 15:16	12.63	48.451	31.56	8.09	8.09	2.6	1.726	92.8
682	5/1/2009 15:31	12.51	48.527	31.61	8.04	8.07	2.6	1.815	92
683	5/1/2009 15:46	12.29	48.658	31.7	7.98	8.06	2.4	1.907	91
684	5/1/2009 16:01	12.14	48.737	31.75	7.91	8.07	2.2	1.993	89.8
685	5/1/2009 16:16	12.09	48.746	31.75	7.94	8.05	2.2	2.072	90.1
686	5/1/2009 16:31	11.98	48.775	31.77	7.91	8.04	2.3	2.145	89.6
687	5/1/2009 16:46	11.82	48.76	31.75	7.94	8.03	2.7	2.228	89.6
688	5/1/2009 17:01	11.67	48.806	31.77	7.89	8.02	2.8	2.308	88.7
689	5/1/2009 17:16	11.36	48.887	31.82	7.95	8.03	3.1	2.377	88.9
690	5/1/2009 17:31	11.22	48.96	31.86	7.97	8.01	2.7	2.457	88.8
691	5/1/2009 17:46	11.11	48.998	31.88	8.01	8	2.5	2.525	89.1
692	5/1/2009 18:01	10.82	49.092	31.94	8.14	8.01	2.4	2.598	90
693	5/1/2009 18:16	10.59	49.214	32.01	8.23	8.01	2.2	2.662	90.6
694	5/1/2009 18:31	10.35	49.305	32.06	8.45	8.03	2.3	2.716	92.6
695	5/1/2009 18:46	10.3	49.315	32.07	8.57	8.04	2	2.773	93.8
696	5/1/2009 19:01	10.24	49.33	32.07	8.69	8.04	2	2.816	95
697	5/1/2009 19:16	10.22	49.368	32.1	8.66	8.06	1.4	2.835	94.7
698	5/1/2009 19:31	10.33	49.344	32.09	8.48	8.03	1.5	2.838	92.9
699	5/1/2009 19:46	10.29	49.336	32.08	8.51	8.05	1.5	2.831	93.2
700	5/1/2009 20:01	10.33	49.318	32.07	8.54	8.05	1.6	2.809	93.6
701	5/1/2009 20:16	10.44	49.303	32.07	8.5	8.06	1.3	2.764	93.3
702	5/1/2009 20:31	11.17	48.926	31.84	8.28	8.06	1.9	2.688	92.2
703	5/1/2009 20:46	11.6	48.813	31.78	8.13	8.04	1.8	2.641	91.4
704	5/1/2009 21:01	11.2	48.965	31.87	8.04	8.03	2.3	2.573	89.6
705	5/1/2009 21:16	11.37	48.905	31.83	7.96	8.03	2.3	2.497	89
706	5/1/2009 21:31	11.58	48.832	31.79	7.83	8.02	2.2	2.428	88
707	5/1/2009 21:46	11.65	48.802	31.77	7.84	8.02	2.1	2.366	88.2
708	5/1/2009 22:01	11.69	48.784	31.76	7.81	8.02	2.1	2.31	87.9
709	5/1/2009 22:16	11.87	48.72	31.72	7.77	8.03	2.1	2.237	87.8
710	5/1/2009 22:31	11.93	48.697	31.71	7.76	8.03	2.1	2.186	87.8
711	5/1/2009 22:46	12.06	48.648	31.68	7.72	8.03	2.3	2.128	87.5
712	5/1/2009 23:01	12.09	48.626	31.66	7.64	8.04	1.9	2.074	86.6
713	5/1/2009 23:16	12.16	48.518	31.59	7.71	8.03	2.2	2.029	87.5
714	5/1/2009 23:31	12.4	48.412	31.52	7.74	8.06	2	1.985	88.3
715	5/1/2009 23:46	12.41	48.384	31.5	7.77	8.05	1.8	1.953	88.6
716	5/2/2009 0:01	12.57	48.299	31.45	7.8	8.07	1.9	1.916	89.3
717	5/2/2009 0:16	12.62	48.27	31.43	7.79	8.07	1.9	1.904	89.3
718	5/2/2009 0:31	12.63	48.222	31.39	7.79	8.08	2	1.904	89.3
719	5/2/2009 0:46	12.41	48.394	31.51	7.6	8.05	2.2	1.889	86.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
720	5/2/2009 1:01	12.3	48.457	31.55	7.66	8.04	2.4	1.914	87.2
721	5/2/2009 1:16	12.25	48.478	31.56	7.67	8.04	2.5	1.94	87.3
722	5/2/2009 1:31	12.2	48.492	31.57	7.64	8.05	2.8	1.971	86.8
723	5/2/2009 1:46	12.16	48.508	31.58	7.66	8.04	2.4	2.017	87
724	5/2/2009 2:01	12.21	48.359	31.48	7.66	8.03	2.6	2.068	87
725	5/2/2009 2:16	12.11	48.462	31.55	7.66	8.03	2.6	2.119	86.8
726	5/2/2009 2:31	12.01	48.506	31.57	7.66	8.03	2.4	2.175	86.7
727	5/2/2009 2:46	11.85	48.607	31.64	7.68	8.02	2.4	2.234	86.6
728	5/2/2009 3:01	11.7	48.633	31.65	7.69	8.02	2.4	2.291	86.6
729	5/2/2009 3:16	11.41	48.813	31.77	7.75	8.02	2.2	2.344	86.7
730	5/2/2009 3:31	11.27	48.882	31.81	7.81	8.01	2.1	2.397	87.2
731	5/2/2009 3:46	11.18	48.936	31.84	7.86	8.02	2	2.466	87.6
732	5/2/2009 4:01	11.05	48.998	31.88	7.93	8.03	2	2.52	88.1
733	5/2/2009 4:16	10.98	49.029	31.9	7.96	8.01	1.8	2.573	88.3
734	5/2/2009 4:31	10.97	49.043	31.91	7.96	8.03	1.9	2.634	88.3
735	5/2/2009 4:46	10.86	49.083	31.93	8.01	8.02	1.8	2.695	88.6
736	5/2/2009 5:01	10.68	49.159	31.98	8.08	8.01	1.8	2.739	89.1
737	5/2/2009 5:16	10.52	49.178	31.98	8.13	8.01	1.8	2.778	89.4
738	5/2/2009 5:31	10.41	49.24	32.02	8.19	8.02	1.6	2.842	89.9
739	5/2/2009 5:46	10.37	49.258	32.03	8.2	8.04	1.7	2.868	89.9
740	5/2/2009 6:01	10.31	49.289	32.05	8.19	8.02	1.5	2.888	89.7
741	5/2/2009 6:16	10.23	49.338	32.08	8.2	8.03	1.3	2.912	89.6
742	5/2/2009 6:31	10.39	49.265	32.03	8.11	8.01	1.8	2.919	88.9
743	5/2/2009 6:46	10.25	49.303	32.05	8.07	8.01	1	2.896	88.2
744	5/2/2009 7:01	10.25	49.286	32.04	8.09	8.02	1.3	2.869	88.5
745	5/2/2009 7:16	10.51	49.206	32	8.04	8.02	1.4	2.828	88.3
746	5/2/2009 7:31	11.21	48.87	31.8	7.62	8	1.7	2.784	84.9
747	5/2/2009 7:46	11.39	48.77	31.73	7.6	7.99	2.2	2.708	85
748	5/2/2009 8:01	11.56	48.729	31.71	7.44	7.97	1.8	2.619	83.5
749	5/2/2009 8:16	11.33	48.86	31.8	7.69	7.99	1.8	2.555	85.9
750	5/2/2009 8:31	11.47	48.556	31.58	7.69	7.99	2	2.476	86.1
751	5/2/2009 8:46	11.52	48.766	31.74	7.65	7.99	2	2.379	85.8
752	5/2/2009 9:01	11.66	48.5	31.55	7.64	7.99	2.1	2.289	85.8
753	5/2/2009 9:16	11.94	48.56	31.61	7.61	8	1.9	2.198	86
754	5/2/2009 9:31	12.12	48.459	31.54	7.63	8.01	2.2	2.104	86.6
755	5/2/2009 9:46	12.1	48.491	31.57	7.75	8.02	2.4	2.01	87.9
756	5/2/2009 10:01	12.26	48.466	31.55	7.98	8.05	2.8	1.896	90.7
757	5/2/2009 10:16	12.41	48.42	31.53	8.22	8.08	3	1.795	93.8
758	5/2/2009 10:31	12.6	48.355	31.49	8.29	8.12	3.1	1.702	95
759	5/2/2009 10:46	12.74	48.29	31.45	8.42	8.11	3	1.593	96.6
760	5/2/2009 11:01	12.86	48.235	31.41	8.41	8.13	3	1.479	96.7
761	5/2/2009 11:16	13.02	48.154	31.36	8.4	8.13	2.9	1.372	96.9
762	5/2/2009 11:31	13.14	48.102	31.33	8.42	8.15	3.1	1.296	97.4
763	5/2/2009 11:46	13.21	48.089	31.32	8.39	8.15	2.9	1.217	97.2
764	5/2/2009 12:01	13.27	48.077	31.31	8.42	8.16	3	1.135	97.7
765	5/2/2009 12:16	13.31	48.076	31.31	8.42	8.17	2.9	1.053	97.8
766	5/2/2009 12:31	13.35	48.051	31.3	8.4	8.17	2.7	1.045	97.6
767	5/2/2009 12:46	13.35	48.076	31.31	8.48	8.17	2.7	1.022	98.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
768	5/2/2009 13:01	13.29	48.024	31.27	8.44	8.16	2.7	1.002	97.9
769	5/2/2009 13:16	13.23	48.043	31.29	8.39	8.15	4	1.006	97.2
770	5/2/2009 13:31	13.18	48.03	31.28	8.37	8.16	8.7	1.071	96.9
771	5/2/2009 13:46	13.13	48.014	31.26	8.24	8.13	7.3	1.116	95.3
772	5/2/2009 14:01	13.1	48.043	31.28	8.19	8.14	5.1	1.168	94.7
773	5/2/2009 14:16	13.15	47.346	30.78	8.13	8.11	7.1	1.228	93.8
774	5/2/2009 14:31	13.15	46.99	30.52	8.08	8.11	4.3	1.296	93
775	5/2/2009 14:46	13.1	47.357	30.79	8.05	8.12	4	1.379	92.8
776	5/2/2009 15:01	13.03	47.52	30.9	8.01	8.12	3.4	1.435	92.2
777	5/2/2009 15:16	12.96	47.563	30.93	7.99	8.11	3.2	1.509	91.9
778	5/2/2009 15:31	12.87	47.839	31.13	7.98	8.09	2.7	1.596	91.7
779	5/2/2009 15:46	12.78	47.758	31.06	7.95	8.08	2.6	1.682	91.1
780	5/2/2009 16:01	12.62	48.003	31.23	7.9	8.07	2.6	1.761	90.4
781	5/2/2009 16:16	12.41	48.264	31.42	7.87	8.07	2.5	1.839	89.7
782	5/2/2009 16:31	12.38	48.331	31.46	7.91	8.07	2.5	1.93	90.1
783	5/2/2009 16:46	12.3	48.425	31.53	7.88	8.05	2.7	2.025	89.7
784	5/2/2009 17:01	12.2	48.478	31.56	7.89	8.04	3.1	2.107	89.6
785	5/2/2009 17:16	12.09	48.544	31.6	7.87	8.04	2.8	2.185	89.2
786	5/2/2009 17:31	11.99	48.571	31.62	7.88	8.03	2.9	2.282	89.2
787	5/2/2009 17:46	11.88	48.576	31.62	7.89	8.02	3.1	2.361	89.1
788	5/2/2009 18:01	11.74	48.624	31.65	7.89	8.03	3.6	2.429	88.8
789	5/2/2009 18:16	11.48	48.691	31.68	8.06	8.03	3.5	2.515	90.3
790	5/2/2009 18:31	11.26	48.817	31.76	8.21	8.05	3.3	2.589	91.5
791	5/2/2009 18:46	11.12	48.873	31.79	8.31	8.04	3.1	2.661	92.5
792	5/2/2009 19:01	10.87	48.923	31.82	8.58	8.06	2.6	2.72	95
793	5/2/2009 19:16	10.65	49.004	31.86	8.9	8.07	2.5	2.793	98.1
794	5/2/2009 19:31	10.5	49.052	31.89	9.14	8.11	2.3	2.847	100.4
795	5/2/2009 19:46	10.43	49.081	31.91	9.24	8.1	2.3	2.89	101.4
796	5/2/2009 20:01	10.33	49.111	31.92	9.39	8.1	2.4	2.926	102.8
797	5/2/2009 20:16	10.32	48.822	31.71	9.34	8.11	1.3	2.94	102.1
798	5/2/2009 20:31	10.5	49.052	31.89	9.12	8.09	2	2.951	100.1
799	5/2/2009 20:46	10.46	49.067	31.9	9.11	8.09	1.6	2.931	100
800	5/2/2009 21:01	10.41	49.061	31.89	9.16	8.09	1.6	2.895	100.4
801	5/2/2009 21:16	11.03	48.796	31.73	8.66	8.07	2	2.844	96.1
802	5/2/2009 21:31	11.36	48.654	31.65	8.2	8.04	2.7	2.778	91.5
803	5/2/2009 21:46	11.06	48.824	31.76	8.53	8.07	2.4	2.705	94.8
804	5/2/2009 22:01	11.55	48.617	31.63	7.9	8.03	2.4	2.623	88.6
805	5/2/2009 22:16	11.53	48.617	31.63	8.04	8.04	2.6	2.548	90.1
806	5/2/2009 22:31	11.66	48.558	31.59	8.01	8.03	2.4	2.474	90
807	5/2/2009 22:46	11.79	48.441	31.52	7.88	8.03	2.3	2.391	88.7
808	5/2/2009 23:01	11.85	48.488	31.55	7.73	8.03	2.4	2.313	87.2
809	5/2/2009 23:16	12.02	48.178	31.34	7.61	8.01	2.3	2.241	86.1
810	5/2/2009 23:31	12.12	48.372	31.48	7.54	8.03	2.4	2.171	85.5
811	5/2/2009 23:46	12.11	48.357	31.47	7.53	8.02	2.2	2.08	85.4
812	5/3/2009 0:01	12.11	48.336	31.45	7.54	8.03	2.3	2.015	85.5
813	5/3/2009 0:16	12.17	48.264	31.41	7.55	8.04	2.1	1.968	85.6
814	5/3/2009 0:31	12.32	48.165	31.34	7.64	8.04	2.3	1.874	86.9
815	5/3/2009 0:46	12.3	48.173	31.35	7.66	8.04	2.1	1.824	87.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
816	5/3/2009 1:01	12.5	48.035	31.25	7.73	8.07	2.1	1.787	88.3
817	5/3/2009 1:16	12.51	48.022	31.24	7.73	8.07	2.1	1.734	88.2
818	5/3/2009 1:31	12.65	47.902	31.16	7.8	8.08	2	1.711	89.3
819	5/3/2009 1:46	12.72	47.899	31.16	7.79	8.1	1.8	1.698	89.3
820	5/3/2009 2:01	12.53	48.007	31.23	7.67	8.06	2	1.692	87.6
821	5/3/2009 2:16	12.47	48.045	31.26	7.59	8.05	2.9	1.709	86.6
822	5/3/2009 2:31	12.45	48.057	31.27	7.59	8.05	2.7	1.731	86.6
823	5/3/2009 2:46	12.43	48.066	31.27	7.61	8.05	2.8	1.779	86.7
824	5/3/2009 3:01	12.33	48.038	31.25	7.52	8.05	3	1.839	85.6
825	5/3/2009 3:16	12.38	47.811	31.09	7.56	8.04	3	1.888	86
826	5/3/2009 3:31	12.38	47.678	30.99	7.57	8.06	2.9	1.958	86
827	5/3/2009 3:46	12.29	47.65	30.97	7.56	8.03	3	2.019	85.8
828	5/3/2009 4:01	12.2	48.014	31.23	7.52	8.03	3	2.077	85.3
829	5/3/2009 4:16	12.06	48.094	31.28	7.58	8.02	2.5	2.136	85.7
830	5/3/2009 4:31	11.74	48.419	31.5	7.7	8.03	2.6	2.204	86.6
831	5/3/2009 4:46	11.66	48.462	31.52	7.76	8.04	2.3	2.256	87.2
832	5/3/2009 5:01	11.55	48.552	31.58	7.83	8.04	2.3	2.319	87.8
833	5/3/2009 5:16	11.5	48.588	31.61	7.88	8.04	2.1	2.38	88.3
834	5/3/2009 5:31	11.45	48.62	31.63	7.91	8.03	2.3	2.446	88.5
835	5/3/2009 5:46	11.34	48.669	31.66	7.97	8.03	2.3	2.501	88.9
836	5/3/2009 6:01	11.2	48.735	31.7	8.05	8.05	2.1	2.566	89.7
837	5/3/2009 6:16	11.07	48.774	31.72	8.14	8.03	2.3	2.625	90.4
838	5/3/2009 6:31	10.97	48.812	31.74	8.22	8.04	2	2.669	91
839	5/3/2009 6:46	10.9	48.843	31.76	8.28	8.04	2.3	2.725	91.7
840	5/3/2009 7:01	10.84	48.845	31.76	8.32	8.06	1.8	2.759	92
841	5/3/2009 7:16	10.82	48.845	31.76	8.32	8.06	1.7	2.799	91.9
842	5/3/2009 7:31	10.78	48.857	31.76	8.32	8.06	2	2.823	91.8
843	5/3/2009 7:46	10.86	48.862	31.77	8.19	8.05	1.6	2.827	90.5
844	5/3/2009 8:01	10.89	48.832	31.75	8.13	8.05	1.3	2.822	90
845	5/3/2009 8:16	10.74	48.877	31.78	8.34	8.05	1.5	2.811	92
846	5/3/2009 8:31	10.78	48.713	31.66	8.3	8.05	1.4	2.784	91.5
847	5/3/2009 8:46	10.93	48.82	31.75	8.24	8.04	1.8	2.714	91.2
848	5/3/2009 9:01	11.17	48.734	31.7	8.31	8.07	2	2.679	92.4
849	5/3/2009 9:16	11.26	48.698	31.68	8.25	8.06	2.3	2.603	92
850	5/3/2009 9:31	11.64	48.592	31.62	8.6	8.07	2.1	2.535	96.6
851	5/3/2009 9:46	11.71	48.511	31.56	8.48	8.06	2.4	2.452	95.4
852	5/3/2009 10:01	11.77	48.465	31.53	8.52	8.07	3	2.375	95.9
853	5/3/2009 10:16	11.93	48.453	31.53	8.74	8.09	3.4	2.279	98.7
854	5/3/2009 10:31	12.01	48.567	31.62	9.38	8.15	2.6	2.194	106.2
855	5/3/2009 10:46	12.32	48.495	31.58	10.48	8.21	2.3	2.098	119.3
856	5/3/2009 11:01	12.52	48.148	31.34	10.32	8.19	2.3	2.008	117.9
857	5/3/2009 11:16	12.76	48.453	31.57	10.92	8.25	2.1	1.89	125.6
858	5/3/2009 11:31	12.75	48.357	31.5	10.56	8.2	2.3	1.795	121.4
859	5/3/2009 11:46	12.97	48.248	31.43	9.69	8.15	2.6	1.703	111.8
860	5/3/2009 12:01	13.4	48.109	31.34	9.82	8.21	2.4	1.586	114.2
861	5/3/2009 12:16	13.63	48.017	31.28	9.84	8.19	2.4	1.5	115
862	5/3/2009 12:31	13.89	47.987	31.27	10.19	8.24	2.4	1.411	119.7
863	5/3/2009 12:46	13.83	47.875	31.18	9.34	8.18	2.3	1.336	109.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
864	5/3/2009 13:01	13.92	47.864	31.18	9.34	8.18	2.2	1.263	109.8
865	5/3/2009 13:16	13.93	47.872	31.19	9.25	8.18	2	1.215	108.7
866	5/3/2009 13:31	13.96	47.826	31.15	9.1	8.17	1.6	1.154	107
867	5/3/2009 13:46	14.3	47.902	31.22	9.81	8.22	2.4	1.162	116.1
868	5/3/2009 14:01	13.97	47.808	31.14	9.07	8.17	2.3	1.152	106.6
869	5/3/2009 14:16	13.85	47.933	31.23	9.3	8.17	2.2	1.151	109.1
870	5/3/2009 14:31	13.91	47.941	31.23	9.5	8.17	2.4	1.204	111.6
871	5/3/2009 14:46	13.94	47.94	31.23	9.45	8.17	2.4	1.249	111
872	5/3/2009 15:01	13.93	47.654	31.03	9.3	8.16	2.3	1.31	109.1
873	5/3/2009 15:16	14.08	47.276	30.76	9.22	8.15	2.9	1.371	108.4
874	5/3/2009 15:31	14.03	47.196	30.7	9.15	8.14	2.8	1.426	107.3
875	5/3/2009 15:46	13.97	46.948	30.52	9.06	8.14	2.9	1.486	106.1
876	5/3/2009 16:01	14.02	46.951	30.52	9.02	8.13	2.7	1.566	105.7
877	5/3/2009 16:16	13.9	47.233	30.72	9	8.13	2.6	1.636	105.3
878	5/3/2009 16:31	13.42	47.86	31.16	8.89	8.12	2.2	1.722	103.4
879	5/3/2009 16:46	13.2	47.935	31.21	8.79	8.11	2.2	1.806	101.8
880	5/3/2009 17:01	13.04	47.94	31.21	8.74	8.1	2.2	1.883	100.9
881	5/3/2009 17:16	12.88	48.113	31.32	8.53	8.08	2.3	1.967	98.1
882	5/3/2009 17:31	12.8	48.184	31.37	8.48	8.08	2.6	2.057	97.5
883	5/3/2009 17:46	12.68	48.242	31.41	8.39	8.07	4	2.142	96.2
884	5/3/2009 18:01	12.62	48.263	31.42	8.32	8.08	3.7	2.222	95.3
885	5/3/2009 18:16	12.58	48.301	31.45	8.36	8.08	2.9	2.312	95.7
886	5/3/2009 18:31	12.34	48.326	31.46	8.38	8.06	2.9	2.387	95.5
887	5/3/2009 18:46	12.14	48.393	31.5	8.41	8.08	3.2	2.466	95.4
888	5/3/2009 19:01	11.95	48.451	31.53	8.74	8.07	3.8	2.534	98.8
889	5/3/2009 19:16	11.76	48.553	31.6	8.98	8.09	3.9	2.638	101.1
890	5/3/2009 19:31	11.57	48.643	31.65	9.18	8.11	3.4	2.707	103
891	5/3/2009 19:46	11.39	48.701	31.68	9.35	8.12	3.7	2.791	104.5
892	5/3/2009 20:01	11.14	48.774	31.72	9.83	8.16	3.7	2.846	109.4
893	5/3/2009 20:16	10.99	48.151	31.27	10.15	8.16	4	2.924	112.2
894	5/3/2009 20:31	10.91	48.861	31.77	10.21	8.18	3.8	2.977	113
895	5/3/2009 20:46	10.81	48.894	31.79	10.31	8.19	2.9	3.03	113.9
896	5/3/2009 21:01	10.77	48.9	31.79	10.36	8.2	2.6	3.057	114.4
897	5/3/2009 21:16	11.18	48.813	31.75	9.78	8.17	2.9	3.057	108.9
898	5/3/2009 21:31	10.98	48.84	31.76	9.96	8.17	1.9	3.047	110.4
899	5/3/2009 21:46	10.89	48.866	31.78	10.11	8.16	2	2.995	111.9
900	5/3/2009 22:01	10.98	48.822	31.75	9.98	8.17	2.4	2.955	110.6
901	5/3/2009 22:16	11.82	48.564	31.61	8.85	8.12	2.4	2.888	99.7
902	5/3/2009 22:31	11.83	48.566	31.61	8.83	8.11	2.9	2.806	99.5
903	5/3/2009 22:46	11.83	48.562	31.61	8.9	8.12	2.7	2.705	100.3
904	5/3/2009 23:01	11.97	48.509	31.57	8.71	8.1	3.4	2.613	98.5
905	5/3/2009 23:16	12.01	48.48	31.55	8.74	8.1	3.1	2.537	99
906	5/3/2009 23:31	12.17	48.42	31.52	8.57	8.09	2.4	2.453	97.3
907	5/3/2009 23:46	12.29	48.363	31.48	8.36	8.06	2.3	2.353	95.1
908	5/4/2009 0:01	12.47	48.292	31.44	8.11	8.05	2.7	2.27	92.6
909	5/4/2009 0:16	12.63	48.222	31.39	8.14	8.08	2.6	2.169	93.2
910	5/4/2009 0:31	12.71	48.167	31.36	8.19	8.06	2.6	2.084	94
911	5/4/2009 0:46	12.75	48.114	31.32	8.2	8.06	2.7	1.997	94.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
912	5/4/2009 1:01	12.76	48.107	31.32	8.26	8.07	2.7	1.897	94.8
913	5/4/2009 1:16	13.02	47.96	31.22	8.42	8.09	2.7	1.817	97.1
914	5/4/2009 1:31	13.15	47.893	31.18	8.46	8.1	2.7	1.732	97.8
915	5/4/2009 1:46	13.43	47.725	31.06	8.58	8.13	2.6	1.668	99.7
916	5/4/2009 2:01	13.49	47.72	31.06	8.69	8.13	2.6	1.587	101.1
917	5/4/2009 2:16	13.61	47.658	31.02	8.7	8.14	2.5	1.524	101.4
918	5/4/2009 2:31	13.7	47.619	30.99	8.73	8.15	2.6	1.472	102
919	5/4/2009 2:46	13.8	47.573	30.96	8.72	8.16	2	1.468	102.1
920	5/4/2009 3:01	13.72	47.36	30.81	8.77	8.15	2.5	1.452	102.3
921	5/4/2009 3:16	13.52	47.689	31.04	8.61	8.15	2.4	1.464	100.2
922	5/4/2009 3:31	13.45	47.711	31.05	8.57	8.12	2.9	1.503	99.6
923	5/4/2009 3:46	13.4	47.725	31.06	8.5	8.14	2.9	1.53	98.8
924	5/4/2009 4:01	13.38	47.742	31.07	8.48	8.13	3.2	1.589	98.4
925	5/4/2009 4:16	13.36	47.117	30.62	8.47	8.1	3	1.652	98
926	5/4/2009 4:31	13.36	47.539	30.93	8.44	8.11	2.7	1.717	97.9
927	5/4/2009 4:46	13.3	47.532	30.92	8.38	8.09	2.9	1.785	97
928	5/4/2009 5:01	13.2	47.669	31.01	8.32	8.09	2.6	1.864	96.2
929	5/4/2009 5:16	13.08	47.744	31.07	8.29	8.1	2.7	1.948	95.6
930	5/4/2009 5:31	12.9	47.852	31.14	8.23	8.09	2.7	2.002	94.7
931	5/4/2009 5:46	12.79	47.908	31.17	8.22	8.07	2.8	2.071	94.3
932	5/4/2009 6:01	12.43	47.962	31.2	8.29	8.06	2.6	2.143	94.5
933	5/4/2009 6:16	12.31	48.273	31.42	8.29	8.07	2.5	2.203	94.4
934	5/4/2009 6:31	12.26	48.311	31.44	8.3	8.07	2.4	2.24	94.4
935	5/4/2009 6:46	12.17	48.369	31.48	8.33	8.07	2.4	2.324	94.5
936	5/4/2009 7:01	12.1	48.39	31.49	8.35	8.08	2.6	2.378	94.7
937	5/4/2009 7:16	11.93	48.421	31.51	8.46	8.08	2.6	2.451	95.6
938	5/4/2009 7:31	11.82	48.307	31.42	8.53	8.07	2.3	2.506	96.1
939	5/4/2009 7:46	11.72	48.128	31.29	8.62	8.07	2.7	2.569	96.8
940	5/4/2009 8:01	11.52	48.55	31.58	8.76	8.1	2.4	2.627	98.1
941	5/4/2009 8:16	11.38	48.591	31.6	8.86	8.1	2.5	2.674	99
942	5/4/2009 8:31	11.25	48.63	31.63	8.96	8.09	2.4	2.726	99.8
943	5/4/2009 8:46	11.15	48.643	31.63	9.03	8.11	2	2.757	100.4
944	5/4/2009 9:01	11.13	48.657	31.64	9	8.11	1.9	2.79	100
945	5/4/2009 9:16	11.28	48.649	31.64	8.83	8.1	2.3	2.782	98.4
946	5/4/2009 9:31	11.19	48.644	31.63	8.84	8.11	1.4	2.77	98.4
947	5/4/2009 9:46	11.42	48.469	31.52	8.8	8.1	1.7	2.751	98.3
948	5/4/2009 10:01	11.5	48.492	31.54	8.91	8.11	2.2	2.677	99.8
949	5/4/2009 10:16	11.59	48.279	31.39	8.96	8.09	2.8	2.628	100.4
950	5/4/2009 10:31	11.71	48.339	31.44	8.82	8.09	2.7	2.558	99.1
951	5/4/2009 10:46	11.68	48.387	31.47	8.95	8.11	3.6	2.471	100.6
952	5/4/2009 11:01	11.68	48.423	31.5	8.97	8.1	4.4	2.396	100.7
953	5/4/2009 11:16	11.95	48.333	31.45	8.79	8.08	4	2.297	99.3
954	5/4/2009 11:31	12.04	48.274	31.41	8.77	8.1	4.5	2.228	99.2
955	5/4/2009 11:46	12.2	48.177	31.34	8.77	8.1	5.4	2.141	99.5
956	5/4/2009 12:01	12.45	47.422	30.81	8.78	8.08	5.7	2.045	99.8
957	5/4/2009 12:16	12.68	47.756	31.06	8.63	8.09	5.8	1.975	98.8
958	5/4/2009 12:31	12.83	47.774	31.08	8.7	8.09	5.9	1.869	99.8
959	5/4/2009 12:46	12.98	47.725	31.05	8.89	8.14	5.7	1.76	102.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
960	5/4/2009 13:01	13.17	47.136	30.63	8.87	8.13	4.6	1.705	102.2
961	5/4/2009 13:16	13.3	47.573	30.95	8.99	8.17	4.3	1.601	104.2
962	5/4/2009 13:31	13.45	47.061	30.58	9.08	8.16	4.5	1.515	105.2
963	5/4/2009 13:46	13.54	47.409	30.84	9	8.18	4.4	1.447	104.7
964	5/4/2009 14:01	13.63	46.666	30.3	8.98	8.19	4.2	1.376	104.3
965	5/4/2009 14:16	13.63	47.288	30.75	9.1	8.23	4.5	1.327	106
966	5/4/2009 14:31	13.73	46.828	30.42	8.91	8.2	3.7	1.292	103.7
967	5/4/2009 14:46	13.71	47.003	30.55	8.89	8.2	3.6	1.272	103.6
968	5/4/2009 15:01	13.66	46.657	30.3	8.77	8.18	3.8	1.273	101.9
969	5/4/2009 15:16	13.59	47.286	30.75	8.74	8.16	3.6	1.293	101.7
970	5/4/2009 15:31	13.6	47.059	30.59	8.58	8.15	3.7	1.326	99.8
971	5/4/2009 15:46	13.43	47.334	30.78	8.49	8.14	3.2	1.358	98.5
972	5/4/2009 16:01	13.38	47.184	30.67	8.49	8.13	4.2	1.434	98.3
973	5/4/2009 16:16	13.37	46.333	30.06	8.57	8.14	4.3	1.494	98.8
974	5/4/2009 16:31	13.31	46.718	30.33	8.51	8.11	3.9	1.561	98.2
975	5/4/2009 16:46	13.25	46.826	30.41	8.48	8.11	3.7	1.66	97.8
976	5/4/2009 17:01	13.12	47.009	30.54	8.47	8.1	3.7	1.741	97.4
977	5/4/2009 17:16	13	46.45	30.13	8.5	8.1	4	1.814	97.3
978	5/4/2009 17:31	12.78	46.949	30.48	8.44	8.09	3.7	1.889	96.4
979	5/4/2009 17:46	12.53	47.226	30.67	8.47	8.08	3.2	1.986	96.4
980	5/4/2009 18:01	12.46	47.341	30.75	8.44	8.08	3.4	2.084	95.9
981	5/4/2009 18:16	12.53	46.981	30.49	8.45	8.07	4.3	2.144	96.1
982	5/4/2009 18:31	12.49	47.256	30.69	8.41	8.07	4.1	2.235	95.6
983	5/4/2009 18:46	12.36	47.739	31.03	8.41	8.07	3.9	2.33	95.6
984	5/4/2009 19:01	12.23	47.848	31.11	8.45	8.07	4.6	2.413	95.8
985	5/4/2009 19:16	12.03	47.874	31.12	8.57	8.09	5.1	2.505	96.8
986	5/4/2009 19:31	11.69	47.941	31.15	8.85	8.09	7	2.597	99.2
987	5/4/2009 19:46	11.4	48.138	31.28	9.06	8.11	6.3	2.69	101.1
988	5/4/2009 20:01	11.2	48.245	31.34	9.22	8.11	6.7	2.78	102.4
989	5/4/2009 20:16	10.93	48.148	31.26	9.41	8.11	5.7	2.862	103.8
990	5/4/2009 20:31	10.8	48.403	31.44	9.4	8.12	5.1	2.937	103.6
991	5/4/2009 20:46	10.75	48.412	31.44	9.39	8.1	4	3.014	103.3
992	5/4/2009 21:01	10.67	48.435	31.45	9.34	8.11	3.9	3.074	102.7
993	5/4/2009 21:16	10.64	48.015	31.15	9.33	8.09	2.9	3.112	102.3
994	5/4/2009 21:31	10.61	48.441	31.45	9.28	8.1	2.5	3.163	101.9
995	5/4/2009 21:46	10.76	48.296	31.36	9.19	8.09	2.7	3.185	101.2
996	5/4/2009 22:01	10.78	48.349	31.4	9.14	8.09	2.9	3.185	100.7
997	5/4/2009 22:16	10.7	48.237	31.31	9.16	8.09	2.6	3.166	100.6
998	5/4/2009 22:31	10.81	48.376	31.42	9.06	8.1	2.7	3.129	99.8
999	5/4/2009 22:46	11.16	48.062	31.21	8.92	8.1	2.9	3.093	98.9
1000	5/4/2009 23:01	11.44	47.918	31.12	8.78	8.09	3.1	3.023	97.9
1001	5/4/2009 23:16	11.35	48.046	31.21	8.75	8.08	3.4	2.931	97.4
1002	5/4/2009 23:31	11.26	48.099	31.24	8.88	8.1	4.1	2.838	98.7
1003	5/4/2009 23:46	11.69	47.766	31.02	8.63	8.07	3.8	2.748	96.7
1004	5/5/2009 0:01	11.71	47.794	31.04	8.57	8.06	3.8	2.647	96.1
1005	5/5/2009 0:16	11.9	47.107	30.56	8.39	8.05	3.2	2.528	94.1
1006	5/5/2009 0:31	12.02	47.45	30.81	8.31	8.04	3.3	2.437	93.7
1007	5/5/2009 0:46	12.13	47.333	30.73	8.28	8.06	3.5	2.324	93.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1008	5/5/2009 1:01	12.28	47.228	30.66	8.17	8.04	3.5	2.21	92.4
1009	5/5/2009 1:16	12.34	47.15	30.61	8.18	8.05	3.7	2.11	92.7
1010	5/5/2009 1:31	12.48	46.598	30.22	8.22	8.05	4	2.001	93.2
1011	5/5/2009 1:46	12.45	47.001	30.51	8.2	8.07	4.9	1.907	93
1012	5/5/2009 2:01	12.59	46.852	30.4	8.12	8.06	3.8	1.794	92.3
1013	5/5/2009 2:16	12.77	46.797	30.37	8.06	8.06	4.2	1.698	91.9
1014	5/5/2009 2:31	12.96	46.673	30.29	8.02	8.06	4.4	1.596	91.8
1015	5/5/2009 2:46	13.19	45.774	29.65	8.01	8.08	4.5	1.507	91.8
1016	5/5/2009 3:01	13.2	46.562	30.22	7.93	8.09	4.2	1.421	91.2
1017	5/5/2009 3:16	13.36	46.45	30.14	7.89	8.1	4.1	1.346	91.1
1018	5/5/2009 3:31	13.42	46.429	30.13	7.86	8.08	4.2	1.313	90.8
1019	5/5/2009 3:46	13.47	46.392	30.1	7.82	8.1	4.5	1.28	90.4
1020	5/5/2009 4:01	13.47	46.34	30.06	7.83	8.09	3.4	1.265	90.5
1021	5/5/2009 4:16	13.41	46.392	30.1	7.85	8.08	4	1.277	90.6
1022	5/5/2009 4:31	13.38	46.407	30.11	7.89	8.08	3.7	1.321	91
1023	5/5/2009 4:46	13.34	46.346	30.06	7.87	8.09	4.6	1.358	90.7
1024	5/5/2009 5:01	13.24	45.562	29.5	7.89	8.08	6	1.434	90.4
1025	5/5/2009 5:16	13.2	45.105	29.17	7.86	8.07	6.9	1.502	89.8
1026	5/5/2009 5:31	13.17	45.12	29.18	7.9	8.06	5.2	1.579	90.2
1027	5/5/2009 5:46	13.15	44.723	28.89	7.88	8.06	5.3	1.659	89.8
1028	5/5/2009 6:01	13.07	45.443	29.41	7.85	8.05	4.8	1.737	89.6
1029	5/5/2009 6:16	13.03	45.857	29.7	7.85	8.05	4.6	1.81	89.8
1030	5/5/2009 6:31	12.94	45.856	29.7	7.88	8.06	3.8	1.891	89.9
1031	5/5/2009 6:46	12.71	46.476	30.14	7.96	8.05	4.2	1.964	90.6
1032	5/5/2009 7:01	12.6	46.733	30.32	7.99	8.05	3.8	2.035	90.8
1033	5/5/2009 7:16	12.54	46.926	30.45	8.04	8.06	3.4	2.109	91.4
1034	5/5/2009 7:31	12.6	46.944	30.47	8.04	8.06	3.5	2.179	91.5
1035	5/5/2009 7:46	12.54	46.729	30.31	8.12	8.04	4	2.258	92.2
1036	5/5/2009 8:01	12.45	47.079	30.56	8.09	8.04	3.7	2.329	91.8
1037	5/5/2009 8:16	12.34	46.68	30.27	8.15	8.04	3.8	2.384	92.2
1038	5/5/2009 8:31	12.27	47.037	30.52	8.18	8.05	4.2	2.46	92.5
1039	5/5/2009 8:46	12.15	47.259	30.68	8.25	8.04	4	2.532	93.2
1040	5/5/2009 9:01	12	47.331	30.72	8.34	8.05	4.6	2.592	93.9
1041	5/5/2009 9:16	11.94	47.388	30.76	8.39	8.05	3.7	2.641	94.3
1042	5/5/2009 9:31	11.86	47.471	30.82	8.45	8.06	3.5	2.705	94.9
1043	5/5/2009 9:46	11.81	47.509	30.84	8.51	8.06	3.4	2.752	95.5
1044	5/5/2009 10:01	11.78	47.546	30.87	8.54	8.05	3.1	2.785	95.8
1045	5/5/2009 10:16	11.72	47.559	30.88	8.47	8.07	2	2.801	94.8
1046	5/5/2009 10:31	11.82	47.547	30.87	8.44	8.07	2.8	2.81	94.7
1047	5/5/2009 10:46	11.8	47.543	30.87	8.4	8.06	2.5	2.803	94.3
1048	5/5/2009 11:01	11.72	47.57	30.88	8.36	8.06	2.4	2.765	93.6
1049	5/5/2009 11:16	11.86	47.475	30.82	8.42	8.05	2.9	2.714	94.6
1050	5/5/2009 11:31	12.21	47.371	30.76	8.6	8.07	3.7	2.641	97.3
1051	5/5/2009 11:46	12.42	47.358	30.76	8.84	8.1	3.3	2.566	100.4
1052	5/5/2009 12:01	12.69	47.171	30.64	8.95	8.1	3.7	2.501	102.1
1053	5/5/2009 12:16	13	47.041	30.55	9.19	8.12	3.5	2.4	105.5
1054	5/5/2009 12:31	13.56	46.84	30.43	9.79	8.17	3.8	2.313	113.6
1055	5/5/2009 12:46	13.93	46.78	30.4	10.27	8.2	3.8	2.227	120.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1056	5/5/2009 13:01	13.94	46.59	30.26	9.82	8.18	4.2	2.141	114.7
1057	5/5/2009 13:16	14.18	46.458	30.17	10.39	8.22	4.6	2.056	122
1058	5/5/2009 13:31	14.25	46.237	30.01	9.89	8.21	4.6	1.964	116.1
1059	5/5/2009 13:46	14.46	46.128	29.94	9.81	8.21	4.4	1.898	115.6
1060	5/5/2009 14:01	14.89	46.225	30.02	9.98	8.21	4.3	1.797	118.7
1061	5/5/2009 14:16	14.84	45.417	29.43	9.94	8.2	4.2	1.724	117.7
1062	5/5/2009 14:31	14.94	45.976	29.84	10.02	8.24	4.3	1.652	119.2
1063	5/5/2009 14:46	15.08	45.895	29.78	10.04	8.23	4.7	1.583	119.7
1064	5/5/2009 15:01	15.15	45.953	29.83	9.99	8.23	4.3	1.524	119.4
1065	5/5/2009 15:16	14.91	45.998	29.85	9.63	8.21	3.6	1.484	114.5
1066	5/5/2009 15:31	14.89	45.421	29.44	9.55	8.2	4.4	1.459	113.2
1067	5/5/2009 15:46	14.85	45.94	29.81	9.28	8.17	4.4	1.447	110.2
1068	5/5/2009 16:01	14.5	45.341	29.37	8.98	8.14	3.8	1.434	105.6
1069	5/5/2009 16:16	14.51	45.969	29.83	9.03	8.14	3.7	1.442	106.4
1070	5/5/2009 16:31	14.66	45.161	29.25	9.22	8.15	4	1.49	108.7
1071	5/5/2009 16:46	14.67	45.747	29.67	9.17	8.15	4	1.538	108.4
1072	5/5/2009 17:01	14.51	45.831	29.73	9.07	8.14	3.8	1.602	106.9
1073	5/5/2009 17:16	14.38	45.658	29.6	9.13	8.14	4.6	1.692	107.2
1074	5/5/2009 17:31	14.33	45.424	29.43	9.06	8.13	5.6	1.771	106.2
1075	5/5/2009 17:46	14.24	45.586	29.54	9.06	8.15	4.4	1.848	106
1076	5/5/2009 18:01	14.15	45.732	29.65	9.02	8.14	4.2	1.926	105.4
1077	5/5/2009 18:16	14	45.204	29.26	8.92	8.12	4.9	2.029	103.7
1078	5/5/2009 18:31	13.82	45.321	29.34	8.78	8.09	5.2	2.113	101.7
1079	5/5/2009 18:46	13.49	46.403	30.11	8.5	8.08	4.6	2.198	98.3
1080	5/5/2009 19:01	13.61	45.242	29.28	8.59	8.07	4.9	2.266	99.1
1081	5/5/2009 19:16	13.46	45.961	29.79	8.56	8.07	4.5	2.372	98.8
1082	5/5/2009 19:31	13.19	46.839	30.42	8.51	8.06	5.5	2.447	98
1083	5/5/2009 19:46	12.96	46.881	30.44	8.47	8.05	5.4	2.518	97.1
1084	5/5/2009 20:01	12.73	46.922	30.46	8.51	8.05	6.7	2.634	97.1
1085	5/5/2009 20:16	12.43	47.136	30.6	8.76	8.06	7.8	2.709	99.4
1086	5/5/2009 20:31	12.33	47.16	30.62	8.85	8.06	8.5	2.813	100.3
1087	5/5/2009 20:46	12.14	47.283	30.7	8.9	8.08	8.2	2.902	100.5
1088	5/5/2009 21:01	11.94	47.194	30.62	9	8.06	8	2.977	101.1
1089	5/5/2009 21:16	11.73	47.556	30.87	9.13	8.06	7.5	3.066	102.2
1090	5/5/2009 21:31	11.53	47.546	30.86	9.19	8.05	8.1	3.151	102.5
1091	5/5/2009 21:46	11.45	47.54	30.85	9.18	8.07	6.8	3.203	102.2
1092	5/5/2009 22:01	11.23	47.44	30.77	9.07	8.07	7.5	3.247	100.4
1093	5/5/2009 22:16	11.12	47.382	30.72	9.06	8.06	7.3	3.283	100
1094	5/5/2009 22:31	11.8	47.166	30.6	8.81	8.04	4.5	3.306	98.7
1095	5/5/2009 22:46	11.7	47.455	30.8	8.83	8.05	4.9	3.293	98.9
1096	5/5/2009 23:01	11.7	47.389	30.75	8.86	8.04	4.2	3.277	99.2
1097	5/5/2009 23:16	11.71	47.426	30.78	8.87	8.04	4.9	3.212	99.2
1098	5/5/2009 23:31	12.13	47.216	30.65	8.65	8.06	5.6	3.137	97.6
1099	5/5/2009 23:46	12.44	47.095	30.57	8.48	8.05	4.9	3.044	96.3
1100	5/6/2009 0:01	12.53	47.063	30.55	8.25	8.02	3.6	2.96	93.7
1101	5/6/2009 0:16	12.68	46.31	30.02	8.47	8.04	4.5	2.855	96.2
1102	5/6/2009 0:31	12.65	46.724	30.31	8.45	8.04	4	2.727	96.2
1103	5/6/2009 0:46	12.88	46.202	29.95	8.47	8.05	5.1	2.628	96.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1104	5/6/2009 1:01	12.76	46.351	30.05	8.43	8.06	4.2	2.53	96
1105	5/6/2009 1:16	12.84	45.786	29.65	8.41	8.05	4	2.397	95.7
1106	5/6/2009 1:31	12.77	45.959	29.77	8.36	8.03	3.8	2.288	95
1107	5/6/2009 1:46	12.95	44.591	28.79	8.27	8.02	3.9	2.165	93.8
1108	5/6/2009 2:01	13.31	45.26	29.28	8.2	8.04	4.5	2.04	94
1109	5/6/2009 2:16	13.58	45.168	29.22	8.28	8.05	5.9	1.919	95.5
1110	5/6/2009 2:31	13.88	44.922	29.06	8.28	8.06	5.8	1.791	95.9
1111	5/6/2009 2:46	14.05	44.97	29.1	8.34	8.06	6.5	1.66	97
1112	5/6/2009 3:01	14.33	44.83	29	8.3	8.07	6.4	1.558	97
1113	5/6/2009 3:16	14.49	44.805	28.99	8.36	8.09	5.5	1.432	98
1114	5/6/2009 3:31	14.58	44.691	28.91	8.37	8.08	5.2	1.333	98.3
1115	5/6/2009 3:46	14.66	44.705	28.92	8.3	8.08	5.4	1.23	97.7
1116	5/6/2009 4:01	14.84	44.526	28.79	8.35	8.09	5.1	1.175	98.5
1117	5/6/2009 4:16	14.93	44.432	28.73	8.38	8.09	5.3	1.127	99
1118	5/6/2009 4:31	15.02	44.344	28.67	8.37	8.1	4.8	1.067	99
1119	5/6/2009 4:46	15.05	44.301	28.64	8.36	8.12	4.2	1.069	98.9
1120	5/6/2009 5:01	14.92	44.323	28.65	8.34	8.1	5.4	1.071	98.4
1121	5/6/2009 5:16	14.72	44.573	28.83	8.24	8.08	5.1	1.119	97
1122	5/6/2009 5:31	14.69	44.616	28.86	8.28	8.09	5.2	1.154	97.4
1123	5/6/2009 5:46	14.65	44.46	28.74	8.3	8.09	5.3	1.222	97.5
1124	5/6/2009 6:01	14.57	43.792	28.26	8.28	8.08	6	1.322	96.8
1125	5/6/2009 6:16	14.52	43.561	28.1	8.29	8.07	6.7	1.388	96.7
1126	5/6/2009 6:31	14.41	43.486	28.04	8.25	8.06	6.2	1.476	96
1127	5/6/2009 6:46	14.36	43.88	28.32	8.19	8.06	6	1.556	95.4
1128	5/6/2009 7:01	14.27	43.879	28.32	8.2	8.07	6.7	1.648	95.3
1129	5/6/2009 7:16	13.98	44.053	28.44	8.19	8.04	6.3	1.743	94.8
1130	5/6/2009 7:31	13.85	44.072	28.45	8.17	8.04	6.7	1.835	94.2
1131	5/6/2009 7:46	13.71	44.392	28.67	8.18	8.04	5.6	1.912	94.2
1132	5/6/2009 8:01	13.67	44.83	28.98	8.15	8.03	6.2	1.985	94
1133	5/6/2009 8:16	13.68	45.37	29.37	8.13	8.05	5.4	2.083	94
1134	5/6/2009 8:31	13.51	45.361	29.36	8.14	8.05	6	2.173	93.8
1135	5/6/2009 8:46	13.4	45.875	29.73	8.12	8.04	5.6	2.237	93.5
1136	5/6/2009 9:01	13.27	45.818	29.68	8.15	8.04	5.8	2.33	93.6
1137	5/6/2009 9:16	13.14	45.367	29.35	8.23	8.04	6.6	2.407	94
1138	5/6/2009 9:31	12.82	45.92	29.74	8.3	8.02	7.6	2.487	94.4
1139	5/6/2009 9:46	12.75	46.021	29.81	8.36	8.04	7.2	2.552	95.1
1140	5/6/2009 10:01	12.63	46.201	29.94	8.43	8.03	7.7	2.623	95.7
1141	5/6/2009 10:16	12.5	46.333	30.03	8.49	8.03	7.1	2.694	96.1
1142	5/6/2009 10:31	12.3	46.442	30.1	8.55	8.05	8.1	2.755	96.4
1143	5/6/2009 10:46	12.12	46.451	30.1	8.62	8.03	7.7	2.816	96.9
1144	5/6/2009 11:01	12.05	46.437	30.08	8.67	8.03	8.5	2.848	97.2
1145	5/6/2009 11:16	12.03	46.51	30.13	8.63	8.03	5.9	2.887	96.8
1146	5/6/2009 11:31	12.1	46.444	30.09	8.62	8.03	4.9	2.891	96.8
1147	5/6/2009 11:46	12.1	46.478	30.11	8.51	8.03	4.1	2.889	95.7
1148	5/6/2009 12:01	11.95	46.55	30.16	8.61	8.03	4.9	2.856	96.4
1149	5/6/2009 12:16	12.68	46.061	29.84	8.82	8.05	5.2	2.8	100.1
1150	5/6/2009 12:31	12.81	46.125	29.89	9.16	8.08	5.7	2.742	104.3
1151	5/6/2009 12:46	12.66	46.195	29.93	9	8.07	6	2.655	102.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1152	5/6/2009 13:01	12.9	46.089	29.86	9.25	8.08	6.7	2.55	105.5
1153	5/6/2009 13:16	13.43	45.793	29.67	8.9	8.07	7.1	2.464	102.5
1154	5/6/2009 13:31	13.53	45.636	29.56	8.64	8.07	5.7	2.387	99.7
1155	5/6/2009 13:46	14.04	45.261	29.3	8.89	8.09	5	2.29	103.4
1156	5/6/2009 14:01	14.21	45.156	29.23	8.97	8.1	4.6	2.201	104.8
1157	5/6/2009 14:16	14.36	44.988	29.12	9.13	8.11	4.5	2.118	106.9
1158	5/6/2009 14:31	14.56	44.388	28.69	9.23	8.11	5.4	2.035	108.1
1159	5/6/2009 14:46	14.68	44.537	28.8	9.3	8.12	5.7	1.965	109.3
1160	5/6/2009 15:01	14.85	44.4	28.7	9.28	8.13	5.1	1.885	109.4
1161	5/6/2009 15:16	14.99	44.369	28.68	9.37	8.15	5.1	1.823	110.7
1162	5/6/2009 15:31	15.11	44.39	28.7	9.44	8.15	5.1	1.771	111.9
1163	5/6/2009 15:46	15.18	44.419	28.72	9.54	8.19	5.6	1.707	113.2
1164	5/6/2009 16:01	15.22	44.476	28.77	9.58	8.2	5.1	1.663	113.9
1165	5/6/2009 16:16	15.07	44.503	28.78	9.09	8.14	5	1.631	107.7
1166	5/6/2009 16:31	15.23	44.026	28.44	9.14	8.14	8.9	1.614	108.4
1167	5/6/2009 16:46	15.06	44.446	28.74	9.08	8.13	6.2	1.605	107.5
1168	5/6/2009 17:01	15.1	44.343	28.67	9.06	8.12	5.8	1.606	107.3
1169	5/6/2009 17:16	15.17	44.251	28.6	9	8.11	5.4	1.638	106.7
1170	5/6/2009 17:31	14.94	44.338	28.66	8.76	8.09	4.8	1.706	103.5
1171	5/6/2009 17:46	14.98	43.856	28.32	8.86	8.11	6	1.777	104.4
1172	5/6/2009 18:01	15.1	43.047	27.74	8.89	8.09	5.7	1.837	104.7
1173	5/6/2009 18:16	15	42.857	27.6	8.85	8.08	5.2	1.918	103.9
1174	5/6/2009 18:31	14.67	43.992	28.41	8.75	8.07	5.6	2.011	102.6
1175	5/6/2009 18:46	14.54	44.471	28.75	8.68	8.09	5.2	2.081	101.7
1176	5/6/2009 19:01	14.52	44.443	28.73	8.69	8.08	5.2	2.176	101.8
1177	5/6/2009 19:16	14.22	44.991	29.11	8.66	8.08	6.2	2.26	101
1178	5/6/2009 19:31	13.93	45.437	29.43	8.59	8.07	6.2	2.338	99.9
1179	5/6/2009 19:46	13.76	45.599	29.54	8.54	8.05	5.4	2.423	99
1180	5/6/2009 20:01	13.66	45.66	29.58	8.55	8.05	6	2.507	99
1181	5/6/2009 20:16	13.54	45.684	29.59	8.57	8.06	6.7	2.594	98.9
1182	5/6/2009 20:31	13.22	45.639	29.55	8.64	8.05	10.9	2.683	99.1
1183	5/6/2009 20:46	12.86	45.87	29.71	8.71	8.06	11.4	2.777	99.2
1184	5/6/2009 21:01	12.64	46.038	29.82	8.76	8.05	10.8	2.867	99.3
1185	5/6/2009 21:16	12.46	46.019	29.8	8.8	8.04	10.5	2.96	99.5
1186	5/6/2009 21:31	12.18	46.174	29.9	8.82	8.03	12.5	3.056	99.1
1187	5/6/2009 21:46	11.94	46.53	30.14	8.85	8.04	13.1	3.144	99.1
1188	5/6/2009 22:01	11.71	46.668	30.23	8.86	8.04	14.3	3.217	98.8
1189	5/6/2009 22:16	11.61	46.65	30.22	8.88	8.03	10.8	3.288	98.8
1190	5/6/2009 22:31	11.54	46.687	30.24	8.87	8.05	10.4	3.341	98.5
1191	5/6/2009 22:46	11.55	46.529	30.13	8.83	8.03	8.5	3.383	98.1
1192	5/6/2009 23:01	12.11	46.441	30.09	8.64	8.04	6.3	3.391	97.1
1193	5/6/2009 23:16	11.77	46.608	30.19	8.66	8.04	6.2	3.388	96.7
1194	5/6/2009 23:31	11.54	46.658	30.22	8.77	8.03	8.4	3.36	97.5
1195	5/6/2009 23:46	11.61	46.643	30.21	8.76	8.01	7.9	3.297	97.5
1196	5/7/2009 0:01	12.06	46.475	30.11	8.59	8.02	6.2	3.223	96.4
1197	5/7/2009 0:16	12.46	46.255	29.97	8.38	8.02	6.5	3.132	94.8
1198	5/7/2009 0:31	12.7	46.107	29.87	8.25	8	6.2	3.026	93.8
1199	5/7/2009 0:46	12.89	45.958	29.77	8.29	8.01	6	2.903	94.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1200	5/7/2009 1:01	12.87	45.062	29.13	8.5	8.03	6.6	2.786	96.4
1201	5/7/2009 1:16	13.12	45.704	29.6	8.37	8.04	7	2.68	95.7
1202	5/7/2009 1:31	13.19	45.553	29.49	8.36	8.02	5.1	2.553	95.7
1203	5/7/2009 1:46	13.5	45.331	29.34	8.32	8.03	5.9	2.442	95.8
1204	5/7/2009 2:01	13.49	45.363	29.36	8.18	8.02	4.9	2.319	94.2
1205	5/7/2009 2:16	13.69	45.185	29.24	8.05	8.01	5.6	2.193	93
1206	5/7/2009 2:31	13.79	45.039	29.14	8.04	8.01	5.3	2.066	93.1
1207	5/7/2009 2:46	13.94	45.026	29.13	8	8.02	6.2	1.929	92.9
1208	5/7/2009 3:01	14.06	44.975	29.1	7.99	8.01	6.6	1.797	92.9
1209	5/7/2009 3:16	14.26	44.871	29.03	7.99	8.04	7.3	1.661	93.2
1210	5/7/2009 3:31	14.55	44.287	28.62	7.96	8.04	7.8	1.521	93.2
1211	5/7/2009 3:46	14.95	44.396	28.7	7.98	8.07	7.8	1.378	94.3
1212	5/7/2009 4:01	15.09	44.254	28.6	8.04	8.08	7.6	1.254	95.2
1213	5/7/2009 4:16	15.32	43.943	28.38	8.09	8.09	7.8	1.153	96.1
1214	5/7/2009 4:31	15.39	43.943	28.39	8.09	8.09	7.8	1.04	96.3
1215	5/7/2009 4:46	15.43	43.909	28.36	8.1	8.1	7.3	0.951	96.4
1216	5/7/2009 5:01	15.45	43.865	28.33	8.1	8.1	7	0.899	96.5
1217	5/7/2009 5:16	15.47	43.59	28.13	8.12	8.11	6.3	0.875	96.6
1218	5/7/2009 5:31	15.4	43.719	28.23	8.08	8.1	7	0.883	96
1219	5/7/2009 5:46	15.31	43.96	28.4	7.96	8.08	7.8	0.903	94.6
1220	5/7/2009 6:01	15.24	44.016	28.44	7.92	8.09	8	0.975	94
1221	5/7/2009 6:16	15.25	44.047	28.46	7.98	8.07	7.2	1.034	94.7
1222	5/7/2009 6:31	15.1	43.237	27.88	8.02	8.07	6.2	1.097	94.5
1223	5/7/2009 6:46	15.14	43.601	28.14	7.96	8.08	6.5	1.187	94.1
1224	5/7/2009 7:01	15.08	43.419	28.01	7.92	8.05	8.7	1.274	93.4
1225	5/7/2009 7:16	15.04	43.295	27.92	7.93	8.05	7.9	1.342	93.4
1226	5/7/2009 7:31	14.98	43.241	27.88	7.87	8.04	9.2	1.414	92.6
1227	5/7/2009 7:46	14.94	43.406	27.99	7.85	8.04	9.5	1.509	92.3
1228	5/7/2009 8:01	14.84	43.326	27.93	7.84	8.03	12.1	1.602	92
1229	5/7/2009 8:16	14.57	43.41	27.99	7.91	8.03	9.7	1.683	92.3
1230	5/7/2009 8:31	14.43	43.763	28.24	7.92	8.02	10.7	1.782	92.3
1231	5/7/2009 8:46	14.36	44.034	28.43	7.94	8.04	10.5	1.891	92.5
1232	5/7/2009 9:01	14.38	43.969	28.39	7.95	8.03	10	1.985	92.6
1233	5/7/2009 9:16	14.31	44.348	28.66	7.95	8.04	11.4	2.079	92.7
1234	5/7/2009 9:31	14.2	44.272	28.6	8	8.02	9.5	2.173	93
1235	5/7/2009 9:46	14.07	44.405	28.69	8	8.02	8	2.27	92.8
1236	5/7/2009 10:01	14.03	44.727	28.92	8.03	8.02	6.4	2.351	93.2
1237	5/7/2009 10:16	13.76	44.978	29.09	8.05	8.02	7.3	2.424	93
1238	5/7/2009 10:31	13.46	45.176	29.23	8.16	8.02	8.5	2.507	93.8
1239	5/7/2009 10:46	13.32	45.277	29.3	8.23	8.01	8.4	2.58	94.4
1240	5/7/2009 11:01	13.18	45.334	29.33	8.28	8.02	7.9	2.648	94.7
1241	5/7/2009 11:16	12.97	45.53	29.47	8.32	8.04	7.6	2.7	94.9
1242	5/7/2009 11:31	12.84	45.633	29.54	8.36	8.04	7.4	2.757	95.1
1243	5/7/2009 11:46	12.6	45.778	29.63	8.47	8.04	6.8	2.805	95.9
1244	5/7/2009 12:01	12.51	45.575	29.48	8.5	8.03	7	2.828	96
1245	5/7/2009 12:16	12.81	45.726	29.6	8.52	8.04	5.1	2.838	96.8
1246	5/7/2009 12:31	12.49	45.773	29.62	8.38	8.03	4.7	2.841	94.6
1247	5/7/2009 12:46	12.48	45.842	29.67	8.42	8.03	5.5	2.807	95.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1248	5/7/2009 13:01	12.8	45.717	29.59	8.52	8.05	6.8	2.757	96.8
1249	5/7/2009 13:16	13.51	45.5	29.46	8.91	8.07	7.9	2.693	102.6
1250	5/7/2009 13:31	13.86	45.484	29.46	9.09	8.08	7.9	2.63	105.5
1251	5/7/2009 13:46	14.05	45.44	29.43	9.26	8.12	8.6	2.55	107.9
1252	5/7/2009 14:01	14.16	45.463	29.45	9.34	8.12	8.5	2.449	109.1
1253	5/7/2009 14:16	14.54	45.216	29.28	9.87	8.15	10.2	2.368	116.1
1254	5/7/2009 14:31	14.82	44.994	29.13	9.51	8.15	10.4	2.294	112.4
1255	5/7/2009 14:46	15.07	44.993	29.13	9.86	8.18	12.1	2.207	117
1256	5/7/2009 15:01	15.34	44.789	28.99	9.87	8.18	12.5	2.121	117.7
1257	5/7/2009 15:16	15.66	44.303	28.65	9.57	8.16	14.6	2.023	114.7
1258	5/7/2009 15:31	15.85	44.416	28.73	9.56	8.18	15.1	1.955	115
1259	5/7/2009 15:46	15.98	43.207	27.87	9.62	8.19	16.5	1.872	115.4
1260	5/7/2009 16:01	16.08	44.263	28.63	9.5	8.21	16.8	1.803	114.7
1261	5/7/2009 16:16	16.22	44.303	28.66	9.34	8.22	17.7	1.754	113.1
1262	5/7/2009 16:31	16.26	44.219	28.6	9.1	8.21	16.7	1.703	110.3
1263	5/7/2009 16:46	16.26	44.244	28.61	9.08	8.21	15.3	1.667	110
1264	5/7/2009 17:01	16.26	44.179	28.57	8.95	8.2	14.5	1.643	108.5
1265	5/7/2009 17:16	16.26	44.1	28.51	8.71	8.18	10.7	1.666	105.5
1266	5/7/2009 17:31	16.29	43.87	28.35	8.9	8.2	13.7	1.674	107.7
1267	5/7/2009 17:46	16.2	44.218	28.59	8.9	8.19	13.5	1.681	107.7
1268	5/7/2009 18:01	16.15	43.959	28.41	8.49	8.09	12	1.747	102.5
1269	5/7/2009 18:16	16.24	43.876	28.35	8.46	8.1	11.2	1.817	102.3
1270	5/7/2009 18:31	16.13	43.952	28.4	8.5	8.1	12.7	1.87	102.6
1271	5/7/2009 18:46	16	43.921	28.38	8.54	8.1	10.9	1.927	102.9
1272	5/7/2009 19:01	15.94	43.845	28.32	8.52	8.09	10.6	2.016	102.4
1273	5/7/2009 19:16	15.93	43.813	28.3	8.48	8.08	9.8	2.094	101.9
1274	5/7/2009 19:31	15.9	43.709	28.23	8.62	8.09	8.1	2.159	103.5
1275	5/7/2009 19:46	16.03	43.429	28.03	8.72	8.12	8.1	2.246	104.9
1276	5/7/2009 20:01	15.78	43.672	28.2	8.74	8.1	6.8	2.324	104.6
1277	5/7/2009 20:16	15.35	43.974	28.41	8.67	8.09	6.3	2.409	103.1
1278	5/7/2009 20:31	14.51	44.811	28.99	8.52	8.06	7.2	2.487	100
1279	5/7/2009 20:46	14.31	44.949	29.09	8.58	8.06	7.4	2.573	100.2
1280	5/7/2009 21:01	13.82	45.313	29.34	8.58	8.05	10.5	2.663	99.4
1281	5/7/2009 21:16	13.47	45.621	29.55	8.59	8.06	13.7	2.75	99
1282	5/7/2009 21:31	13.22	45.723	29.61	8.66	8.06	15.3	2.844	99.3
1283	5/7/2009 21:46	12.97	45.856	29.7	8.68	8.05	13.5	2.934	99
1284	5/7/2009 22:01	12.75	45.912	29.73	8.73	8.07	12.7	3.024	99.2
1285	5/7/2009 22:16	12.51	45.923	29.73	8.82	8.06	13.6	3.108	99.7
1286	5/7/2009 22:31	12.25	46.252	29.96	8.81	8.06	11.4	3.178	99.2
1287	5/7/2009 22:46	12.05	46.533	30.15	8.85	8.07	9.2	3.251	99.4
1288	5/7/2009 23:01	11.97	46.645	30.23	8.85	8.08	7.7	3.305	99.3
1289	5/7/2009 23:16	11.92	46.69	30.26	8.83	8.09	7.3	3.342	99
1290	5/7/2009 23:31	11.91	46.708	30.27	8.77	8.08	4.6	3.374	98.3
1291	5/7/2009 23:46	12.04	46.588	30.19	8.72	8.08	5.9	3.37	97.8
1292	5/8/2009 0:01	11.94	46.703	30.27	8.73	8.07	6	3.341	97.8
1293	5/8/2009 0:16	12.06	46.532	30.15	8.67	8.06	6.3	3.291	97.4
1294	5/8/2009 0:31	12.2	46.436	30.09	8.64	8.06	6.5	3.217	97.3
1295	5/8/2009 0:46	12.38	46.252	29.96	8.47	8.05	6.7	3.122	95.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1296	5/8/2009 1:01	12.42	46.234	29.95	8.48	8.03	8.5	3.009	95.9
1297	5/8/2009 1:16	12.95	45.809	29.67	8.34	8.05	9.6	2.905	95.1
1298	5/8/2009 1:31	13.22	45.438	29.41	8.26	8.03	8.2	2.794	94.6
1299	5/8/2009 1:46	13.46	45.408	29.39	8.18	8.04	7.3	2.678	94.2
1300	5/8/2009 2:01	13.86	45.058	29.15	8.23	8.05	8.9	2.562	95.3
1301	5/8/2009 2:16	13.5	45.405	29.39	8.08	8.02	7.1	2.438	93
1302	5/8/2009 2:31	14.2	44.754	28.94	7.97	8.05	8.2	2.307	92.9
1303	5/8/2009 2:46	13.73	45.171	29.23	8.1	8.03	8.7	2.179	93.6
1304	5/8/2009 3:01	14.48	44.615	28.85	8.04	8.03	10.7	2.035	94.1
1305	5/8/2009 3:16	14.11	44.834	29	7.95	8.04	9.9	1.905	92.5
1306	5/8/2009 3:31	14.68	44.313	28.64	7.84	8.04	11.8	1.775	92.1
1307	5/8/2009 3:46	14.69	44.331	28.65	7.76	8.03	11.9	1.628	91.1
1308	5/8/2009 4:01	14.82	44.205	28.56	7.69	8.03	12.5	1.479	90.5
1309	5/8/2009 4:16	14.97	44.151	28.53	7.64	8.03	12.9	1.334	90.1
1310	5/8/2009 4:31	15.17	43.968	28.4	7.57	8.04	13.2	1.2	89.7
1311	5/8/2009 4:46	15.27	43.881	28.34	7.55	8.05	14.2	1.07	89.5
1312	5/8/2009 5:01	15.34	43.778	28.27	7.5	8.06	14.1	0.935	89
1313	5/8/2009 5:16	15.33	43.662	28.18	7.44	8.05	13.6	0.832	88.3
1314	5/8/2009 5:31	15.31	43.633	28.16	7.4	8.04	13.8	0.759	87.7
1315	5/8/2009 5:46	15.32	43.287	27.92	7.35	8.04	11.5	0.712	87
1316	5/8/2009 6:01	15.25	43.664	28.18	7.34	8.05	12.9	0.71	87
1317	5/8/2009 6:16	15.3	43.591	28.13	7.42	8.05	11	0.758	88
1318	5/8/2009 6:31	15.3	43.653	28.18	7.39	8.05	10.4	0.806	87.7
1319	5/8/2009 6:46	15.3	43.683	28.2	7.39	8.06	11.2	0.862	87.7
1320	5/8/2009 7:01	15.3	43.695	28.21	7.43	8.06	11.1	0.944	88.1
1321	5/8/2009 7:16	15.21	42.711	27.5	7.45	8.04	11.9	1.003	87.8
1322	5/8/2009 7:31	15.26	43.072	27.76	7.46	8.04	11.4	1.072	88.1
1323	5/8/2009 7:46	15.26	43.129	27.8	7.41	8.04	12.7	1.142	87.6
1324	5/8/2009 8:01	15.24	42.745	27.53	7.45	8.03	13.6	1.217	87.9
1325	5/8/2009 8:16	15.2	43.137	27.81	7.42	8.03	15.3	1.3	87.6
1326	5/8/2009 8:31	15.18	43.258	27.89	7.37	8.02	19.6	1.373	87
1327	5/8/2009 8:46	15.06	42.989	27.7	7.48	8.03	16.5	1.469	88
1328	5/8/2009 9:01	14.86	43.588	28.12	7.59	8.02	10.3	1.565	89.2
1329	5/8/2009 9:16	14.71	43.617	28.14	7.69	8.02	9	1.667	90.1
1330	5/8/2009 9:31	14.64	43.699	28.2	7.75	8.03	8.2	1.774	90.7
1331	5/8/2009 9:46	14.52	44.198	28.55	7.75	8.04	8.1	1.877	90.7
1332	5/8/2009 10:01	14.46	44.41	28.7	7.79	8.04	7.9	1.985	91.1
1333	5/8/2009 10:16	14.37	44.575	28.82	7.83	8.03	9.6	2.082	91.5
1334	5/8/2009 10:31	14.21	44.725	28.92	7.87	8.04	10.3	2.172	91.7
1335	5/8/2009 10:46	14.09	44.815	28.99	7.93	8.02	9.6	2.262	92.3
1336	5/8/2009 11:01	13.96	44.833	28.99	8.09	8.03	10.4	2.342	93.8
1337	5/8/2009 11:16	13.76	44.862	29.01	8.2	8.04	10.2	2.418	94.7
1338	5/8/2009 11:31	13.65	44.984	29.09	8.27	8.03	9.9	2.481	95.3
1339	5/8/2009 11:46	13.5	45.214	29.26	8.3	8.04	10.4	2.551	95.5
1340	5/8/2009 12:01	13.22	45.479	29.44	8.37	8.04	9.3	2.609	95.9
1341	5/8/2009 12:16	12.99	45.819	29.67	8.45	8.05	9.5	2.656	96.4
1342	5/8/2009 12:31	12.8	45.895	29.72	8.52	8.06	7.4	2.704	96.9
Mean		12.45	47.63	30.95	8.42	8.05	3.42	1.99	96.19

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
	Minimum	8.91	42.71	27.50	6.83	7.78	0.10	0.21	73.90
	Maximum	16.29	49.82	32.34	10.92	8.25	19.60	3.39	125.60
	Standard Dev.	1.49	1.60	1.11	0.64	0.08	2.98	0.68	8.19

Samples #463 through 490 removed: sonde housing replaced
Prior to housing replacement, D.O. values suppressed during very low tide events due to significant fouling of
housing near probes (biota consuming all oxygen in low water levels with low flows)

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
0	5/8/2009 13:01	12.83	47.935	31.19	8.72	7.96	6	2.788	100.1
1	5/8/2009 13:16	12.98	47.814	31.11	8.55	7.94	5.7	2.799	98.5
2	5/8/2009 13:31	12.8	47.951	31.2	8.52	7.89	5.9	2.776	97.9
3	5/8/2009 13:46	12.84	47.9	31.17	8.52	7.92	6.3	2.737	97.9
4	5/8/2009 14:01	13.74	47.402	30.84	8.95	7.95	6.7	2.703	104.5
5	5/8/2009 14:16	13.88	47.326	30.79	8.89	7.98	7	2.629	104.1
6	5/8/2009 14:31	14.26	47.214	30.72	8.79	8.01	8	2.557	103.6
7	5/8/2009 14:46	14.81	47.087	30.64	9.48	8.07	8.9	2.486	113
8	5/8/2009 15:01	15.09	47.13	30.68	10.02	8.12	7.8	2.402	120.1
9	5/8/2009 15:16	15.15	46.839	30.47	10.32	8.04	8.5	2.31	123.8
10	5/8/2009 15:31	15.43	46.647	30.33	9.99	8.04	9.5	2.239	120.3
11	5/8/2009 15:46	15.74	46.547	30.27	10.02	8.04	9.8	2.156	121.4
12	5/8/2009 16:01	15.84	46.236	30.04	9.44	8.01	10.9	2.063	114.4
13	5/8/2009 16:16	16.19	46.066	29.93	10.04	8.03	9.5	2.006	122.5
14	5/8/2009 16:31	16.41	46.22	30.04	9.96	8.07	9.3	1.928	122.2
15	5/8/2009 16:46	16.41	45.937	29.84	9.82	8.04	8.9	1.871	120.3
16	5/8/2009 17:01	16.49	45.807	29.74	10.17	8.08	9.5	1.82	124.6
17	5/8/2009 17:16	16.46	45.821	29.75	9.97	8.05	9	1.78	122.2
18	5/8/2009 17:31	16.41	45.802	29.74	9.51	8.03	8.4	1.751	116.4
19	5/8/2009 17:46	16.34	45.788	29.73	9.09	8	6.5	1.735	111.1
20	5/8/2009 18:01	16.46	45.777	29.72	9.66	8.05	7.5	1.724	118.3
21	5/8/2009 18:16	16.19	45.741	29.69	9.07	7.98	7.4	1.753	110.5
22	5/8/2009 18:31	16.59	45.383	29.44	8.66	7.96	7.6	1.776	106.1
23	5/8/2009 18:46	16.41	45.556	29.56	8.8	7.97	8.4	1.812	107.5
24	5/8/2009 19:01	16.2	45.673	29.64	8.81	7.96	8.5	1.879	107.3
25	5/8/2009 19:16	16.01	45.817	29.74	8.92	7.97	8.5	1.949	108.3
26	5/8/2009 19:31	16.23	45.595	29.59	8.89	7.97	8.1	2.012	108.3
27	5/8/2009 19:46	15.98	45.796	29.73	8.78	7.96	7.8	2.095	106.6
28	5/8/2009 20:01	15.81	45.966	29.85	8.8	8.05	8.9	2.178	106.6
29	5/8/2009 20:16	15.68	46.092	29.94	8.81	8.06	8.2	2.253	106.4
30	5/8/2009 20:31	15.5	46.201	30.01	8.84	8.05	7.7	2.332	106.4
31	5/8/2009 20:46	14.99	46.556	30.26	8.71	8.03	6.7	2.403	104
32	5/8/2009 21:01	14.53	46.929	30.52	8.59	7.94	6	2.486	101.8
33	5/8/2009 21:16	14.05	47.253	30.74	8.58	7.93	6.3	2.564	100.7
34	5/8/2009 21:31	13.58	47.613	30.99	8.55	7.93	9.9	2.647	99.6
35	5/8/2009 21:46	13.44	47.77	31.1	8.57	7.93	10.6	2.729	99.7
36	5/8/2009 22:01	13.13	48.025	31.27	8.64	7.93	11.6	2.82	99.9
37	5/8/2009 22:16	13.06	48.108	31.33	8.65	7.97	9.5	2.89	100
38	5/8/2009 22:31	12.9	48.243	31.42	8.72	7.98	10.7	2.973	100.5
39	5/8/2009 22:46	12.74	48.399	31.53	8.77	7.94	10.1	3.067	100.8
40	5/8/2009 23:01	12.54	48.588	31.66	8.8	7.98	9.3	3.131	100.8
41	5/8/2009 23:16	12.31	48.777	31.78	8.81	7.95	7.4	3.194	100.4
42	5/8/2009 23:31	12.07	49.069	31.98	8.81	7.95	6.7	3.251	100.1
43	5/8/2009 23:46	12.03	49.105	32.01	8.8	7.97	4.9	3.286	99.9
44	5/9/2009 0:01	11.94	49.206	32.08	8.79	7.95	4.6	3.314	99.7
45	5/9/2009 0:16	12.06	49.126	32.02	8.7	7.98	4.6	3.318	98.8
46	5/9/2009 0:31	11.93	49.268	32.12	8.76	7.94	5.7	3.292	99.3
47	5/9/2009 0:46	12.01	49.198	32.07	8.73	7.98	5	3.263	99.1
48	5/9/2009 1:01	12.75	48.358	31.5	8.41	7.97	5	3.189	96.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
49	5/9/2009 1:16	12.72	48.442	31.56	8.39	7.97	6.7	3.101	96.4
50	5/9/2009 1:31	12.89	48.272	31.44	8.26	7.96	5.9	3.009	95.2
51	5/9/2009 1:46	13.28	47.911	31.19	8.19	7.97	5.9	2.902	94.9
52	5/9/2009 2:01	13.45	47.759	31.09	8.14	7.96	5.7	2.793	94.7
53	5/9/2009 2:16	13.4	47.812	31.13	8.22	7.95	6.1	2.683	95.6
54	5/9/2009 2:31	13.72	47.495	30.91	8.16	7.89	5.9	2.57	95.3
55	5/9/2009 2:46	14.28	47.027	30.58	8.26	8	8.4	2.44	97.3
56	5/9/2009 3:01	13.93	47.328	30.79	8.1	7.88	6.2	2.321	94.9
57	5/9/2009 3:16	14.29	47.01	30.57	8.01	7.95	7	2.209	94.4
58	5/9/2009 3:31	14.34	46.948	30.53	7.87	7.95	6.2	2.062	92.9
59	5/9/2009 3:46	14.88	46.503	30.22	7.88	7.9	8.1	1.945	93.9
60	5/9/2009 4:01	14.94	46.373	30.13	7.8	7.89	9.2	1.799	92.9
61	5/9/2009 4:16	15.09	46.286	30.07	7.77	7.9	9.8	1.666	92.8
62	5/9/2009 4:31	15.48	45.96	29.84	7.67	7.91	10.4	1.524	92.3
63	5/9/2009 4:46	15.64	45.858	29.77	7.67	7.91	10.6	1.358	92.5
64	5/9/2009 5:01	15.81	45.773	29.71	7.69	7.92	10.9	1.227	93
65	5/9/2009 5:16	16.04	45.593	29.58	7.72	8.03	10.9	1.097	93.7
66	5/9/2009 5:31	16.09	45.5	29.52	7.73	7.94	10.9	0.959	93.9
67	5/9/2009 5:46	16.16	45.377	29.43	7.74	7.95	10.9	0.825	94.1
68	5/9/2009 6:01	16.14	45.409	29.45	7.76	7.95	11.6	0.752	94.3
69	5/9/2009 6:16	16.14	45.417	29.46	7.7	7.96	12.6	0.685	93.6
70	5/9/2009 6:31	16.05	45.442	29.47	7.65	8.05	11.3	0.639	92.8
71	5/9/2009 6:46	16.08	45.423	29.46	7.67	7.95	10.4	0.679	93.1
72	5/9/2009 7:01	16.03	45.44	29.47	7.6	7.94	13.2	0.702	92.2
73	5/9/2009 7:16	15.99	45.507	29.52	7.54	7.93	16.5	0.79	91.4
74	5/9/2009 7:31	15.95	45.497	29.51	7.55	7.92	17.2	0.856	91.5
75	5/9/2009 7:46	15.94	45.571	29.56	7.53	7.92	17.2	0.911	91.2
76	5/9/2009 8:01	15.93	45.092	29.22	7.57	7.92	13.9	0.989	91.4
77	5/9/2009 8:16	15.97	44.954	29.12	7.61	8.02	11.4	1.052	92
78	5/9/2009 8:31	15.95	45.074	29.21	7.55	8.01	13.6	1.098	91.2
79	5/9/2009 8:46	15.92	45.102	29.23	7.57	7.91	14	1.194	91.4
80	5/9/2009 9:01	15.88	45.146	29.26	7.58	7.91	11.7	1.271	91.5
81	5/9/2009 9:16	15.85	45.121	29.24	7.51	7.9	16.7	1.347	90.6
82	5/9/2009 9:31	15.73	45.177	29.28	7.55	7.9	16.4	1.45	90.9
83	5/9/2009 9:46	15.4	45.483	29.49	7.63	7.98	15.9	1.534	91.5
84	5/9/2009 10:01	15.33	45.536	29.53	7.71	7.9	10.8	1.665	92.3
85	5/9/2009 10:16	15.37	45.39	29.43	7.79	7.98	7.7	1.77	93.2
86	5/9/2009 10:31	15.37	45.203	29.29	7.8	7.91	9.4	1.873	93.2
87	5/9/2009 10:46	15.18	45.807	29.72	7.83	7.91	9.4	1.982	93.5
88	5/9/2009 11:01	14.8	46.602	30.29	7.78	7.9	9.8	2.081	92.6
89	5/9/2009 11:16	14.64	46.701	30.36	7.83	7.9	9.6	2.171	92.9
90	5/9/2009 11:31	14.57	46.769	30.4	7.95	7.96	9.9	2.255	94.2
91	5/9/2009 11:46	14.37	46.893	30.49	8.08	7.96	10.5	2.346	95.4
92	5/9/2009 12:01	14.17	47.004	30.56	8.14	7.91	11	2.414	95.8
93	5/9/2009 12:16	14.09	47	30.56	8.17	7.91	9.4	2.482	96
94	5/9/2009 12:31	13.84	47.261	30.74	8.2	7.91	10.1	2.539	95.9
95	5/9/2009 12:46	13.5	47.671	31.03	8.32	7.92	8.8	2.593	96.8
96	5/9/2009 13:01	13.23	48.039	31.28	8.44	7.93	8.1	2.647	97.8
97	5/9/2009 13:16	13.13	48.176	31.38	8.44	7.94	6.5	2.682	97.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
98	5/9/2009 13:31	13.01	48.329	31.49	8.49	7.94	5.1	2.716	98
99	5/9/2009 13:46	12.98	48.374	31.52	8.44	7.94	4.8	2.742	97.4
100	5/9/2009 14:01	13.09	48.27	31.45	8.38	7.93	4.7	2.751	96.9
101	5/9/2009 14:16	12.97	48.375	31.52	8.38	7.93	5.4	2.739	96.7
102	5/9/2009 14:31	13.28	48.064	31.3	8.5	7.94	5.8	2.692	98.7
103	5/9/2009 14:46	13.98	47.748	31.1	8.74	8.02	6.3	2.653	102.7
104	5/9/2009 15:01	14.45	47.652	31.04	8.99	7.98	7.3	2.588	106.7
105	5/9/2009 15:16	14.46	47.499	30.93	8.9	7.97	7.3	2.512	105.5
106	5/9/2009 15:31	15.32	47.391	30.87	9.95	8.14	7.9	2.443	120
107	5/9/2009 15:46	15.46	47.308	30.81	10.26	8.16	9	2.353	124.1
108	5/9/2009 16:01	15.52	47.253	30.77	10.1	8.15	7.9	2.276	122.2
109	5/9/2009 16:16	15.81	46.745	30.41	9.72	8.12	7.7	2.207	118.1
110	5/9/2009 16:31	16.36	47.134	30.7	10.26	8.09	7.7	2.142	126.2
111	5/9/2009 16:46	16.3	46.32	30.11	9.56	8.01	9.1	2.07	117
112	5/9/2009 17:01	16.39	46.163	30	9.52	8.02	7.2	2.007	116.7
113	5/9/2009 17:16	16.61	46.074	29.94	9.64	8.04	7.4	1.962	118.6
114	5/9/2009 17:31	16.72	46.077	29.94	9.96	8.06	6.7	1.907	122.8
115	5/9/2009 17:46	16.78	45.972	29.86	9.87	8.06	6.9	1.857	121.8
116	5/9/2009 18:01	16.74	45.933	29.84	9.86	8.07	6.9	1.833	121.5
117	5/9/2009 18:16	16.65	45.891	29.8	9.37	8.03	5.4	1.822	115.3
118	5/9/2009 18:31	16.77	46.057	29.93	9.73	8.16	5.9	1.804	120.1
119	5/9/2009 18:46	16.69	46.01	29.89	9.71	8.05	5.4	1.808	119.6
120	5/9/2009 19:01	16.75	45.811	29.75	9.34	8.03	5.6	1.834	115.1
121	5/9/2009 19:16	16.65	45.873	29.79	9.26	8.12	5.4	1.879	113.9
122	5/9/2009 19:31	16.33	46.059	29.92	9.12	8	5.7	1.925	111.6
123	5/9/2009 19:46	16.21	46.201	30.02	9.09	8	6.3	1.977	111
124	5/9/2009 20:01	16.5	45.848	29.77	9.02	8	5.3	2.048	110.7
125	5/9/2009 20:16	16.06	46.264	30.07	8.98	7.99	5.9	2.107	109.4
126	5/9/2009 20:31	15.58	46.599	30.3	8.78	7.97	5.7	2.186	106.1
127	5/9/2009 20:46	15.39	46.731	30.39	8.74	7.97	5.5	2.261	105.2
128	5/9/2009 21:01	15.3	46.863	30.49	8.8	7.97	5.5	2.33	105.9
129	5/9/2009 21:16	15.23	46.823	30.46	8.74	8.04	5.8	2.408	105
130	5/9/2009 21:31	14.86	47.08	30.64	8.74	8.02	5.7	2.482	104.3
131	5/9/2009 21:46	14.41	47.381	30.84	8.65	7.95	6.6	2.563	102.4
132	5/9/2009 22:01	14.01	47.757	31.1	8.66	7.99	5	2.64	101.8
133	5/9/2009 22:16	13.13	48.366	31.52	8.58	7.94	7	2.722	99.3
134	5/9/2009 22:31	13.05	48.477	31.59	8.62	7.94	8.5	2.803	99.7
135	5/9/2009 22:46	12.83	48.72	31.76	8.67	7.95	10.3	2.88	100
136	5/9/2009 23:01	12.73	48.811	31.82	8.72	7.96	8.4	2.966	100.3
137	5/9/2009 23:16	12.58	48.933	31.91	8.84	7.96	9.3	3.038	101.4
138	5/9/2009 23:31	12.42	49.044	31.98	8.86	7.96	8.3	3.11	101.4
139	5/9/2009 23:46	12.27	49.153	32.05	8.85	7.96	7.6	3.166	101
140	5/10/2009 0:01	12.12	49.25	32.12	8.85	7.95	5.8	3.221	100.7
141	5/10/2009 0:16	11.93	49.369	32.19	8.84	7.95	5.5	3.265	100.3
142	5/10/2009 0:31	11.79	49.442	32.24	8.81	7.96	4.9	3.285	99.6
143	5/10/2009 0:46	12.08	49.247	32.11	8.73	7.95	4.9	3.295	99.3
144	5/10/2009 1:01	11.84	49.469	32.26	8.72	7.93	5.3	3.286	98.8
145	5/10/2009 1:16	11.85	49.387	32.2	8.79	7.95	5.7	3.243	99.6
146	5/10/2009 1:31	12.71	48.783	31.8	8.4	7.95	5.1	3.188	96.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
147	5/10/2009 1:46	12.82	48.71	31.75	8.28	7.94	4.9	3.113	95.4
148	5/10/2009 2:01	12.97	48.569	31.66	8.05	7.92	5.6	3.022	93
149	5/10/2009 2:16	13.23	48.301	31.47	8.15	7.94	5.4	2.912	94.5
150	5/10/2009 2:31	13.56	48.016	31.28	8.16	7.96	6.3	2.806	95.2
151	5/10/2009 2:46	13.52	48.1	31.34	8.14	7.94	5.2	2.709	95
152	5/10/2009 3:01	13.88	47.791	31.13	8.23	7.96	5.9	2.581	96.5
153	5/10/2009 3:16	14.02	47.674	31.04	8.17	7.95	7	2.47	96
154	5/10/2009 3:31	14.28	47.464	30.9	8.05	7.91	5.2	2.364	95.1
155	5/10/2009 3:46	14.73	47.073	30.63	8.14	7.98	7.7	2.237	96.9
156	5/10/2009 4:01	14.89	46.858	30.48	8.01	7.92	6.8	2.094	95.5
157	5/10/2009 4:16	15.01	46.79	30.43	7.94	7.92	7.2	1.971	94.9
158	5/10/2009 4:31	14.93	46.742	30.39	7.87	7.91	7.1	1.826	93.9
159	5/10/2009 4:46	15.22	46.559	30.27	7.87	7.93	8.4	1.696	94.3
160	5/10/2009 5:01	15.6	46.397	30.16	7.8	7.94	9.4	1.549	94.2
161	5/10/2009 5:16	15.62	46.414	30.17	7.77	7.93	9.8	1.404	93.9
162	5/10/2009 5:31	15.91	46.171	30	7.75	8.02	9.8	1.266	94.1
163	5/10/2009 5:46	16.15	45.844	29.76	7.83	7.96	10.6	1.125	95.4
164	5/10/2009 6:01	16.35	45.749	29.7	7.89	7.98	10.1	1.005	96.4
165	5/10/2009 6:16	16.48	45.735	29.69	7.88	7.99	9.9	0.879	96.5
166	5/10/2009 6:31	16.54	45.62	29.61	7.85	7.99	10.1	0.784	96.3
167	5/10/2009 6:46	16.59	45.652	29.63	7.77	7.99	9.3	0.717	95.3
168	5/10/2009 7:01	16.61	45.611	29.6	7.76	7.99	7.9	0.669	95.3
169	5/10/2009 7:16	16.52	45.581	29.58	7.75	7.99	9	0.674	94.9
170	5/10/2009 7:31	16.51	45.674	29.65	7.77	7.99	8.4	0.703	95.3
171	5/10/2009 7:46	16.49	45.69	29.66	7.8	7.98	9.2	0.762	95.5
172	5/10/2009 8:01	16.43	45.606	29.6	7.79	7.98	11.7	0.814	95.3
173	5/10/2009 8:16	16.42	45.73	29.69	7.83	7.98	10.2	0.876	95.9
174	5/10/2009 8:31	16.39	45.337	29.4	7.83	7.97	9	0.962	95.6
175	5/10/2009 8:46	16.34	44.938	29.11	7.77	8.04	11.2	1.011	94.6
176	5/10/2009 9:01	16.34	45.227	29.32	7.73	7.96	11.4	1.078	94.2
177	5/10/2009 9:16	16.32	45.226	29.32	7.71	7.96	11.2	1.158	93.9
178	5/10/2009 9:31	16.29	45.18	29.29	7.7	7.95	12.2	1.233	93.8
179	5/10/2009 9:46	16.24	44.992	29.15	7.69	7.95	10.6	1.305	93.4
180	5/10/2009 10:01	16.22	45.233	29.32	7.59	7.94	19.5	1.399	92.3
181	5/10/2009 10:16	16.04	45.188	29.29	7.65	7.94	20.3	1.499	92.7
182	5/10/2009 10:31	15.92	45.114	29.24	7.68	7.93	23	1.589	92.9
183	5/10/2009 10:46	15.79	45.388	29.43	7.79	7.94	9.5	1.69	94
184	5/10/2009 11:01	15.56	45.717	29.66	7.82	7.93	7.3	1.798	94.1
185	5/10/2009 11:16	15.32	46.49	30.22	7.82	7.97	7	1.901	93.9
186	5/10/2009 11:31	15.09	46.842	30.47	7.85	7.96	9.4	1.995	94
187	5/10/2009 11:46	14.88	47.056	30.62	7.91	7.95	8.1	2.089	94.4
188	5/10/2009 12:01	14.81	47.069	30.63	7.99	7.93	8.1	2.181	95.2
189	5/10/2009 12:16	14.57	47.146	30.68	8.01	7.95	9.4	2.269	95.1
190	5/10/2009 12:31	14.42	47.298	30.78	8.12	7.93	9.9	2.341	96.1
191	5/10/2009 12:46	14.21	47.37	30.83	8.22	7.95	10.5	2.413	96.9
192	5/10/2009 13:01	14.16	47.414	30.86	8.26	7.94	9.9	2.485	97.3
193	5/10/2009 13:16	13.97	47.625	31.01	8.31	7.95	8.9	2.548	97.6
194	5/10/2009 13:31	13.59	47.877	31.18	8.4	7.95	8.2	2.606	98
195	5/10/2009 13:46	13.26	48.302	31.48	8.49	7.95	7.3	2.652	98.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
196	5/10/2009 14:01	13.11	48.473	31.59	8.53	7.96	5.7	2.696	98.8
197	5/10/2009 14:16	13.04	48.528	31.63	8.55	7.95	5.2	2.728	98.9
198	5/10/2009 14:31	13.01	48.637	31.71	8.6	7.96	4.5	2.746	99.4
199	5/10/2009 14:46	13.06	48.605	31.69	8.54	7.95	4.9	2.744	98.8
200	5/10/2009 15:01	13.02	48.689	31.75	8.5	7.95	4.8	2.736	98.4
201	5/10/2009 15:16	13.52	48.355	31.52	8.63	7.99	6.2	2.701	100.8
202	5/10/2009 15:31	13.86	48.114	31.36	8.72	7.96	5.7	2.646	102.4
203	5/10/2009 15:46	14.48	47.823	31.16	8.95	7.99	6.8	2.58	106.3
204	5/10/2009 16:01	14.33	47.782	31.13	8.61	8.01	6	2.525	101.9
205	5/10/2009 16:16	15.11	47.459	30.92	9.06	8.01	6.3	2.443	108.8
206	5/10/2009 16:31	15.56	47.29	30.8	10.5	8.1	6.8	2.371	127.2
207	5/10/2009 16:46	15.84	47.226	30.76	10.83	8.12	6.7	2.297	131.9
208	5/10/2009 17:01	15.82	47.17	30.72	10.21	8.09	6.3	2.237	124.2
209	5/10/2009 17:16	16.09	47.049	30.64	10.11	8.17	6.5	2.175	123.7
210	5/10/2009 17:31	16.35	46.763	30.43	9.66	8.14	6.7	2.1	118.6
211	5/10/2009 17:46	16.52	46.769	30.44	10.08	8.1	5.9	2.059	124.2
212	5/10/2009 18:01	16.66	46.561	30.29	10.18	8.1	5.4	2.018	125.6
213	5/10/2009 18:16	16.44	46.318	30.11	9.55	8.05	5.1	1.969	117.2
214	5/10/2009 18:31	16.75	46.193	30.02	9.78	8.08	5	1.938	120.6
215	5/10/2009 18:46	16.57	46.038	29.91	9.49	8.05	4.5	1.922	116.6
216	5/10/2009 19:01	16.69	46.153	29.99	9.56	8.07	4.8	1.919	117.9
217	5/10/2009 19:16	16.79	46.088	29.95	9.58	8.07	4.8	1.915	118.3
218	5/10/2009 19:31	16.79	45.967	29.86	9.23	8.03	4.7	1.93	113.9
219	5/10/2009 19:46	16.44	46.397	30.17	9.5	8.05	4.8	1.967	116.7
220	5/10/2009 20:01	16.16	46.608	30.32	9.16	8.02	5.3	2.001	112
221	5/10/2009 20:16	16.32	46.473	30.22	9.3	8.04	6.6	2.034	114
222	5/10/2009 20:31	16.39	46.316	30.11	9.22	8.03	5.1	2.102	113.1
223	5/10/2009 20:46	16.13	46.553	30.28	9.17	8.02	5.3	2.169	112
224	5/10/2009 21:01	15.55	46.926	30.54	8.82	7.99	5.9	2.22	106.7
225	5/10/2009 21:16	15.33	47.127	30.68	8.71	7.98	5.1	2.287	104.9
226	5/10/2009 21:31	15.13	47.126	30.67	8.79	7.98	4.5	2.367	105.5
227	5/10/2009 21:46	15.09	46.974	30.56	8.77	7.99	4.8	2.438	105
228	5/10/2009 22:01	14.6	47.245	30.75	8.79	7.99	4.8	2.499	104.4
229	5/10/2009 22:16	14.53	47.498	30.93	8.66	7.98	4.8	2.579	102.8
230	5/10/2009 22:31	14.07	47.977	31.27	8.58	7.97	4.9	2.66	101.1
231	5/10/2009 22:46	13.69	48.219	31.43	8.55	7.96	4.6	2.731	100.1
232	5/10/2009 23:01	12.71	48.869	31.87	8.36	7.95	4.8	2.798	96.2
233	5/10/2009 23:16	12.61	49.101	32.03	8.34	7.92	6.5	2.882	95.9
234	5/10/2009 23:31	12.52	48.823	31.82	8.35	7.95	7.7	2.959	95.7
235	5/10/2009 23:46	12.38	49.225	32.11	8.37	7.91	6.1	3.023	95.7
236	5/11/2009 0:01	12.24	49.316	32.17	8.4	7.92	5.9	3.1	95.9
237	5/11/2009 0:16	12.1	49.357	32.19	8.41	7.95	5.1	3.156	95.7
238	5/11/2009 0:31	11.97	49.382	32.21	8.38	7.95	4.2	3.206	95.1
239	5/11/2009 0:46	11.78	49.554	32.32	8.37	7.9	4.6	3.243	94.7
240	5/11/2009 1:01	11.71	49.529	32.3	8.32	7.95	2.8	3.262	94
241	5/11/2009 1:16	11.85	49.333	32.16	8.3	7.94	3.2	3.272	93.9
242	5/11/2009 1:31	11.66	49.681	32.41	8.23	7.94	2.9	3.258	93
243	5/11/2009 1:46	11.7	49.736	32.45	8.26	7.89	4	3.222	93.4
244	5/11/2009 2:01	12.47	49.044	31.98	8.18	7.92	3.5	3.173	93.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
245	5/11/2009 2:16	13.18	48.629	31.71	7.93	7.92	4.2	3.101	92
246	5/11/2009 2:31	12.8	48.939	31.92	8.14	7.93	4.5	3.021	93.9
247	5/11/2009 2:46	12.94	48.82	31.84	8.14	7.93	4.6	2.926	94.1
248	5/11/2009 3:01	13.55	48.308	31.49	8.03	7.91	4.3	2.824	93.8
249	5/11/2009 3:16	13.64	48.318	31.5	7.98	7.92	4.6	2.722	93.4
250	5/11/2009 3:31	13.84	48.149	31.38	7.97	7.94	4.9	2.612	93.6
251	5/11/2009 3:46	13.78	48.057	31.31	7.97	7.91	4.4	2.509	93.4
252	5/11/2009 4:01	14.18	47.632	31.02	8.1	7.92	6.3	2.394	95.5
253	5/11/2009 4:16	14.58	47.34	30.82	7.88	7.93	4.9	2.274	93.6
254	5/11/2009 4:31	15.03	47.233	30.75	7.91	7.94	7.1	2.155	94.8
255	5/11/2009 4:46	15.13	47.14	30.68	7.98	7.99	6.3	2.028	95.8
256	5/11/2009 5:01	14.72	47.26	30.76	7.88	7.93	5.7	1.897	93.9
257	5/11/2009 5:16	15.44	46.767	30.42	7.85	7.95	7.7	1.77	94.7
258	5/11/2009 5:31	15.59	46.653	30.34	7.85	7.99	8.5	1.628	94.9
259	5/11/2009 5:46	15.79	46.556	30.27	7.87	7.96	8.8	1.501	95.4
260	5/11/2009 6:01	16.23	46.274	30.08	7.83	7.97	9.1	1.356	95.7
261	5/11/2009 6:16	16.43	46.093	29.95	7.86	7.98	9.3	1.217	96.3
262	5/11/2009 6:31	16.59	45.991	29.88	7.89	7.99	10.4	1.105	97
263	5/11/2009 6:46	16.66	45.999	29.88	7.85	7.99	11.9	0.989	96.6
264	5/11/2009 7:01	16.78	45.832	29.76	7.83	7.99	10.4	0.889	96.5
265	5/11/2009 7:16	16.84	45.868	29.79	7.77	7.99	10.9	0.806	96
266	5/11/2009 7:31	16.87	45.842	29.77	7.75	8.06	18.4	0.749	95.8
267	5/11/2009 7:46	16.84	45.853	29.78	7.79	8.06	9.3	0.741	96.2
268	5/11/2009 8:01	16.71	45.937	29.84	7.73	8.04	14.3	0.739	95.3
269	5/11/2009 8:16	16.65	45.959	29.85	7.7	8.04	14.6	0.787	94.7
270	5/11/2009 8:31	16.6	45.992	29.88	7.73	7.97	16.2	0.841	95
271	5/11/2009 8:46	16.58	46.014	29.89	7.69	7.97	18.3	0.892	94.5
272	5/11/2009 9:01	16.53	46.008	29.89	7.74	7.97	15.3	0.955	95.1
273	5/11/2009 9:16	16.61	45.587	29.58	7.73	7.97	15.3	1.004	94.9
274	5/11/2009 9:31	16.6	45.307	29.38	7.73	7.97	14.6	1.085	94.8
275	5/11/2009 9:46	16.54	45.442	29.48	7.75	7.97	11.8	1.147	95
276	5/11/2009 10:01	16.52	45.42	29.46	7.73	7.96	12.8	1.205	94.6
277	5/11/2009 10:16	16.46	45.604	29.6	7.73	7.96	14.3	1.297	94.6
278	5/11/2009 10:31	16.43	45.628	29.61	7.71	8.01	13.1	1.377	94.3
279	5/11/2009 10:46	16.29	45.705	29.67	7.68	7.95	19.5	1.457	93.8
280	5/11/2009 11:01	16.13	45.683	29.65	7.74	7.95	17.2	1.55	94.1
281	5/11/2009 11:16	15.81	46.074	29.93	7.79	7.95	11.9	1.65	94.4
282	5/11/2009 11:31	15.95	45.873	29.78	7.94	7.96	11.8	1.75	96.3
283	5/11/2009 11:46	15.64	46.266	30.06	7.9	7.95	7.9	1.839	95.4
284	5/11/2009 12:01	15.62	46.431	30.18	7.92	7.95	6	1.946	95.6
285	5/11/2009 12:16	15.12	47.091	30.65	7.83	7.95	8	2.038	93.9
286	5/11/2009 12:31	14.94	47.259	30.77	7.85	7.95	8.7	2.126	94
287	5/11/2009 12:46	14.78	47.202	30.72	7.94	7.94	8.6	2.21	94.6
288	5/11/2009 13:01	14.79	47.195	30.72	8.01	7.94	7.8	2.289	95.5
289	5/11/2009 13:16	14.52	47.577	30.99	8.03	7.94	8.1	2.371	95.4
290	5/11/2009 13:31	14.29	47.624	31.02	8.08	7.94	8.6	2.439	95.5
291	5/11/2009 13:46	14.16	47.781	31.13	8.08	7.94	8.1	2.492	95.3
292	5/11/2009 14:01	14.04	47.761	31.11	8.12	7.94	6.7	2.563	95.6
293	5/11/2009 14:16	13.66	48.16	31.39	8.07	7.92	6.2	2.612	94.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
294	5/11/2009 14:31	13.18	48.588	31.68	8.2	7.95	5.6	2.647	95.1
295	5/11/2009 14:46	13.01	48.632	31.71	8.28	7.95	4.7	2.683	95.8
296	5/11/2009 15:01	12.91	48.874	31.88	8.29	7.92	3.9	2.72	95.8
297	5/11/2009 15:16	12.86	48.925	31.91	8.27	7.92	2.9	2.724	95.5
298	5/11/2009 15:31	12.94	48.902	31.9	8.23	7.92	4	2.714	95.1
299	5/11/2009 15:46	12.98	48.894	31.89	8.23	7.92	4.2	2.697	95.2
300	5/11/2009 16:01	13.43	48.422	31.57	8.23	7.94	5.1	2.662	95.9
301	5/11/2009 16:16	13.94	48.018	31.29	8.42	7.97	5.2	2.613	99
302	5/11/2009 16:31	14.16	47.887	31.2	8.52	7.98	5.7	2.553	100.6
303	5/11/2009 16:46	14.49	47.8	31.15	8.75	8.02	6.2	2.494	104
304	5/11/2009 17:01	14.72	47.862	31.2	9.39	8.05	6.3	2.437	112.1
305	5/11/2009 17:16	14.91	47.722	31.1	9.34	8.08	6.3	2.367	111.9
306	5/11/2009 17:31	14.95	47.585	31	9.15	8.03	7.4	2.306	109.6
307	5/11/2009 17:46	15.2	47.397	30.87	9.22	8.03	7.1	2.251	111
308	5/11/2009 18:01	15.4	47.124	30.68	9	8.02	8.3	2.19	108.6
309	5/11/2009 18:16	15.48	47.018	30.6	8.78	8.01	7.9	2.134	106.1
310	5/11/2009 18:31	15.58	46.84	30.48	8.88	8.01	7	2.097	107.3
311	5/11/2009 18:46	15.66	46.591	30.3	8.82	8.02	6.7	2.058	106.8
312	5/11/2009 19:01	15.69	46.54	30.26	8.83	8.02	6.3	2.02	106.9
313	5/11/2009 19:16	15.67	46.581	30.29	8.91	8.04	5.8	2.016	107.9
314	5/11/2009 19:31	15.64	46.622	30.32	8.85	8.04	4.6	1.994	107.1
315	5/11/2009 19:46	15.59	46.783	30.43	8.78	8.03	4.8	1.983	106.2
316	5/11/2009 20:01	15.64	46.663	30.35	8.81	8.06	5.3	2.019	106.6
317	5/11/2009 20:16	15.75	46.344	30.12	8.67	8.01	4.9	2.034	105
318	5/11/2009 20:31	15.58	46.665	30.35	8.56	8	5.2	2.048	103.4
319	5/11/2009 20:46	15.47	46.96	30.56	8.53	8	6.3	2.107	103
320	5/11/2009 21:01	15.37	47.018	30.6	8.54	8	6.3	2.155	102.9
321	5/11/2009 21:16	15.44	46.611	30.31	8.52	8	5.7	2.196	102.6
322	5/11/2009 21:31	15.36	46.859	30.49	8.48	7.99	5.1	2.254	102.1
323	5/11/2009 21:46	15.13	47.026	30.6	8.4	7.99	4.9	2.316	100.8
324	5/11/2009 22:01	14.82	47.497	30.94	8.31	7.98	4.5	2.378	99.2
325	5/11/2009 22:16	14.71	47.454	30.9	8.31	7.98	4.2	2.435	99.1
326	5/11/2009 22:31	14.67	47.547	30.97	8.42	7.99	4.5	2.501	100.3
327	5/11/2009 22:46	14.43	47.723	31.09	8.37	7.98	4	2.572	99.2
328	5/11/2009 23:01	14.21	47.842	31.17	8.41	7.97	5.4	2.634	99.4
329	5/11/2009 23:16	13.98	47.95	31.24	8.39	7.98	4.4	2.697	98.7
330	5/11/2009 23:31	13.7	48.215	31.43	8.35	7.97	4	2.78	97.8
331	5/11/2009 23:46	13.37	48.52	31.64	8.34	7.94	3.3	2.84	97.1
332	5/12/2009 0:01	12.72	49.066	32.01	8.24	7.91	3.3	2.905	94.9
333	5/12/2009 0:16	12.34	49.393	32.23	8.18	7.89	4	2.973	93.7
334	5/12/2009 0:31	12.19	49.304	32.16	8.18	7.89	3.7	3.03	93.3
335	5/12/2009 0:46	12.08	49.533	32.32	8.2	7.89	3	3.081	93.4
336	5/12/2009 1:01	11.97	49.54	32.32	8.22	7.89	2.7	3.138	93.4
337	5/12/2009 1:16	11.96	49.546	32.32	8.2	7.96	2.7	3.168	93.2
338	5/12/2009 1:31	11.83	49.607	32.36	8.23	7.96	2.1	3.188	93.2
339	5/12/2009 1:46	11.96	49.627	32.38	8.16	7.89	2.3	3.201	92.7
340	5/12/2009 2:01	11.81	49.753	32.47	8.16	8	2.3	3.188	92.4
341	5/12/2009 2:16	11.85	49.531	32.31	8.15	7.89	2.3	3.164	92.3
342	5/12/2009 2:31	12.18	49.404	32.23	8.08	7.95	2.9	3.119	92.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
343	5/12/2009 2:46	12.88	48.842	31.85	7.85	7.9	6.5	3.055	90.7
344	5/12/2009 3:01	12.89	48.714	31.76	7.88	7.93	5.4	2.994	90.9
345	5/12/2009 3:16	12.72	48.933	31.91	7.82	7.88	6	2.922	90.1
346	5/12/2009 3:31	12.91	48.728	31.77	7.91	7.94	4.4	2.827	91.4
347	5/12/2009 3:46	13.15	48.6	31.69	7.91	7.91	6.3	2.72	91.8
348	5/12/2009 4:01	13.68	48.14	31.37	7.75	7.92	6.6	2.632	90.7
349	5/12/2009 4:16	13.59	48.152	31.38	7.8	7.91	7.4	2.537	91.2
350	5/12/2009 4:31	13.64	48.033	31.29	7.91	7.92	6.3	2.435	92.4
351	5/12/2009 4:46	14.21	47.624	31.01	7.86	7.95	7.8	2.31	92.8
352	5/12/2009 5:01	14.12	47.647	31.03	7.88	7.94	7.1	2.196	92.8
353	5/12/2009 5:16	14.77	46.891	30.5	7.69	7.95	7.6	2.093	91.5
354	5/12/2009 5:31	14.58	47.015	30.58	7.65	7.94	8.9	1.962	90.8
355	5/12/2009 5:46	14.85	46.855	30.47	7.61	7.95	9.1	1.83	90.8
356	5/12/2009 6:01	14.76	47.006	30.58	7.65	7.95	9.9	1.714	91.1
357	5/12/2009 6:16	14.75	46.999	30.57	7.59	7.94	9.5	1.585	90.4
358	5/12/2009 6:31	14.93	46.75	30.4	7.57	7.95	10.7	1.446	90.3
359	5/12/2009 6:46	15.04	46.646	30.33	7.56	7.96	11.5	1.309	90.4
360	5/12/2009 7:01	15.32	46.408	30.16	7.52	7.96	11.9	1.2	90.3
361	5/12/2009 7:16	15.45	46.249	30.05	7.51	8	13.5	1.1	90.3
362	5/12/2009 7:31	15.5	46.169	29.99	7.5	8.01	11.8	0.992	90.3
363	5/12/2009 7:46	15.53	46.014	29.88	7.5	8.01	13.4	0.916	90.3
364	5/12/2009 8:01	15.48	46.145	29.97	7.5	8	13.1	0.86	90.2
365	5/12/2009 8:16	15.49	46.138	29.97	7.48	8.01	13.6	0.817	90
366	5/12/2009 8:31	15.47	46.141	29.97	7.48	7.99	11.7	0.822	89.9
367	5/12/2009 8:46	15.48	46.197	30.01	7.38	7.98	12.4	0.83	88.8
368	5/12/2009 9:01	15.42	46.19	30	7.37	7.97	15.6	0.876	88.6
369	5/12/2009 9:16	15.43	46.255	30.05	7.36	7.96	12.5	0.908	88.5
370	5/12/2009 9:31	15.44	46.2	30.01	7.37	7.97	16.7	0.972	88.6
371	5/12/2009 9:46	15.46	46.269	30.06	7.43	7.97	17	1.036	89.4
372	5/12/2009 10:01	15.44	46.274	30.06	7.38	7.96	14.6	1.083	88.8
373	5/12/2009 10:16	15.41	46.352	30.12	7.35	7.97	15.4	1.159	88.4
374	5/12/2009 10:31	15.53	45.816	29.74	7.58	7.97	10.4	1.22	91.1
375	5/12/2009 10:46	15.53	45.899	29.8	7.5	7.97	13.4	1.272	90.2
376	5/12/2009 11:01	15.46	45.997	29.86	7.47	7.96	12.7	1.357	89.8
377	5/12/2009 11:16	15.39	45.959	29.84	7.46	7.96	12.9	1.437	89.5
378	5/12/2009 11:31	15.41	46.017	29.88	7.4	7.96	28.9	1.511	88.8
379	5/12/2009 11:46	15.16	46.326	30.1	7.4	7.95	20	1.598	88.6
380	5/12/2009 12:01	14.94	46.599	30.29	7.55	7.95	12.2	1.693	90
381	5/12/2009 12:16	14.93	46.436	30.17	7.64	7.95	11.4	1.784	91
382	5/12/2009 12:31	14.94	46.518	30.23	7.74	7.95	8	1.88	92.3
383	5/12/2009 12:46	14.87	46.881	30.49	7.7	7.95	7.1	1.97	91.8
384	5/12/2009 13:01	14.58	47.209	30.72	7.78	7.95	6.2	2.055	92.4
385	5/12/2009 13:16	14.3	47.506	30.93	7.73	7.94	6.3	2.143	91.4
386	5/12/2009 13:31	14.31	47.597	31	7.74	7.94	6	2.222	91.5
387	5/12/2009 13:46	14.19	47.779	31.13	7.78	7.92	5.7	2.282	91.8
388	5/12/2009 14:01	14.17	47.741	31.1	7.84	7.95	5.3	2.358	92.6
389	5/12/2009 14:16	14.21	47.799	31.14	7.89	7.93	4.8	2.417	93.2
390	5/12/2009 14:31	14.1	47.943	31.24	7.94	7.93	5.2	2.477	93.6
391	5/12/2009 14:46	13.98	47.999	31.28	8	7.93	4.8	2.519	94.1

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
392	5/12/2009 15:01	13.86	48.031	31.3	8	7.92	3.7	2.565	93.9
393	5/12/2009 15:16	13.58	48.249	31.45	7.98	7.92	3.7	2.612	93.3
394	5/12/2009 15:31	13.43	48.359	31.52	8.01	7.95	3.1	2.626	93.3
395	5/12/2009 15:46	13.63	48.07	31.32	8.06	7.96	3.5	2.636	94.2
396	5/12/2009 16:01	13.49	48.245	31.44	7.89	7.95	2.3	2.648	92
397	5/12/2009 16:16	13.55	48.175	31.39	7.96	7.95	2.4	2.648	93
398	5/12/2009 16:31	13.67	48.238	31.44	7.94	7.92	3.7	2.605	93
399	5/12/2009 16:46	14.13	48.09	31.35	8.22	7.97	4.3	2.583	97.1
400	5/12/2009 17:01	14.59	47.969	31.27	8.85	8.02	6.5	2.548	105.4
401	5/12/2009 17:16	14.63	48.023	31.31	9.11	8.03	6.8	2.497	108.7
402	5/12/2009 17:31	14.58	47.967	31.27	9.1	8.03	7.8	2.438	108.4
403	5/12/2009 17:46	14.68	47.851	31.19	9.05	8.04	8.7	2.389	107.9
404	5/12/2009 18:01	14.59	47.958	31.27	9.05	8.03	9.4	2.33	107.8
405	5/12/2009 18:16	14.91	47.568	30.99	8.86	8.03	12.2	2.277	106
406	5/12/2009 18:31	15.04	47.563	30.99	8.78	8.02	12.6	2.216	105.4
407	5/12/2009 18:46	15.23	47.319	30.82	8.69	8.02	13.1	2.166	104.6
408	5/12/2009 19:01	15.3	46.981	30.57	8.78	8.03	12.3	2.141	105.6
409	5/12/2009 19:16	15.36	46.774	30.42	8.65	8.02	12.5	2.094	104.2
410	5/12/2009 19:31	15.32	47.191	30.73	8.94	8.07	11.2	2.071	107.7
411	5/12/2009 19:46	15.33	47.097	30.66	8.55	8.03	11	2.046	103
412	5/12/2009 20:01	15.39	46.888	30.51	8.49	8.03	9.8	2.04	102.3
413	5/12/2009 20:16	15.36	46.986	30.58	8.47	8.03	9.3	2.036	102.1
414	5/12/2009 20:31	15.33	46.95	30.55	8.48	8.03	8.7	2.034	102.1
415	5/12/2009 20:46	15.34	46.929	30.54	8.34	8.01	8.7	2.057	100.4
416	5/12/2009 21:01	15.44	46.782	30.43	8.17	7.99	9.8	2.089	98.5
417	5/12/2009 21:16	15.35	46.856	30.48	8.17	7.99	8.9	2.11	98.4
418	5/12/2009 21:31	15.24	46.913	30.52	8.28	8	8.1	2.152	99.5
419	5/12/2009 21:46	15.17	47.151	30.69	8.29	8	7.5	2.193	99.6
420	5/12/2009 22:01	15.09	47.249	30.76	8.26	7.99	7.4	2.244	99.1
421	5/12/2009 22:16	15.11	47.185	30.72	8.23	7.99	6.8	2.288	98.8
422	5/12/2009 22:31	15.3	47.011	30.59	8.34	8.01	6.2	2.342	100.4
423	5/12/2009 22:46	15.13	47.238	30.76	8.27	7.99	6.4	2.402	99.3
424	5/12/2009 23:01	14.88	47.326	30.81	8.29	7.99	6.2	2.45	99.1
425	5/12/2009 23:16	14.37	47.949	31.25	8.22	7.98	5.2	2.512	97.5
426	5/12/2009 23:31	14.23	48.123	31.38	8.22	7.98	4.5	2.556	97.3
427	5/12/2009 23:46	13.86	48.231	31.44	8.17	7.98	4.3	2.619	96
428	5/13/2009 0:01	13.63	48.303	31.49	8.16	7.98	3.9	2.684	95.4
429	5/13/2009 0:16	13.63	48.287	31.48	8.16	7.98	3.7	2.742	95.4
430	5/13/2009 0:31	13.41	48.309	31.49	8.12	7.98	3.7	2.799	94.6
431	5/13/2009 0:46	13.29	48.485	31.61	8.13	7.92	3.4	2.851	94.6
432	5/13/2009 1:01	13.1	48.691	31.75	8.07	7.91	2.8	2.911	93.5
433	5/13/2009 1:16	12.74	49.032	31.99	8.05	7.89	2.6	2.959	92.7
434	5/13/2009 1:31	12.37	49.307	32.17	8.01	7.97	2.6	3.007	91.7
435	5/13/2009 1:46	12.37	49.266	32.14	7.96	7.88	2.7	3.031	91.1
436	5/13/2009 2:01	12.16	49.347	32.19	7.96	7.96	2.4	3.072	90.7
437	5/13/2009 2:16	12.22	49.474	32.28	7.87	7.87	2	3.077	89.9
438	5/13/2009 2:31	12.42	49.267	32.14	7.92	7.88	1.9	3.075	90.7
439	5/13/2009 2:46	12.04	49.467	32.27	7.69	7.94	2	3.071	87.5
440	5/13/2009 3:01	12.08	49.674	32.42	7.78	7.86	2	3.026	88.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
441	5/13/2009 3:16	13.27	48.425	31.57	7.62	7.89	4.5	2.989	88.6
442	5/13/2009 3:31	12.57	49.203	32.1	7.8	7.88	3.1	2.932	89.6
443	5/13/2009 3:46	12.88	48.882	31.88	7.77	7.89	4	2.844	89.8
444	5/13/2009 4:01	13.28	48.34	31.5	7.72	7.9	4.4	2.781	89.7
445	5/13/2009 4:16	12.87	48.65	31.71	7.87	7.96	4.1	2.7	90.8
446	5/13/2009 4:31	13.56	48.263	31.46	7.64	7.9	4.9	2.616	89.2
447	5/13/2009 4:46	13.59	48.023	31.28	7.58	7.93	7.3	2.513	88.5
448	5/13/2009 5:01	13.72	47.706	31.06	7.6	7.94	5.9	2.431	88.9
449	5/13/2009 5:16	13.88	47.817	31.14	7.65	7.91	7.2	2.345	89.8
450	5/13/2009 5:31	13.97	47.552	30.96	7.62	7.94	8.4	2.235	89.5
451	5/13/2009 5:46	13.73	47.692	31.05	7.49	7.87	8	2.126	87.6
452	5/13/2009 6:01	13.91	47.539	30.94	7.42	7.89	10	2.012	87
453	5/13/2009 6:16	14.22	46.957	30.53	7.38	7.9	12.5	1.906	86.9
454	5/13/2009 6:31	14.02	47.241	30.73	7.38	7.89	11.5	1.773	86.6
455	5/13/2009 6:46	14.23	47.158	30.68	7.47	7.95	13.2	1.669	88
456	5/13/2009 7:01	14.2	47.117	30.65	7.46	7.91	12.4	1.561	87.8
457	5/13/2009 7:16	14.23	47.088	30.63	7.44	7.91	12.8	1.421	87.6
458	5/13/2009 7:31	14.45	46.85	30.46	7.43	7.96	13.1	1.327	87.9
459	5/13/2009 7:46	14.48	46.803	30.43	7.43	7.94	13.3	1.226	87.9
460	5/13/2009 8:01	14.6	46.489	30.2	7.41	7.98	13.7	1.128	87.8
461	5/13/2009 8:16	14.65	46.618	30.3	7.38	7.96	14.6	1.038	87.5
462	5/13/2009 8:31	14.67	46.35	30.1	7.38	7.99	14.8	0.986	87.4
463	5/13/2009 8:46	14.7	46.401	30.14	7.38	8	13.7	0.932	87.6
464	5/13/2009 9:01	14.72	46.539	30.24	7.36	7.97	18.4	0.891	87.4
465	5/13/2009 9:16	14.77	46.418	30.15	7.4	8	11.4	0.895	87.9
466	5/13/2009 9:31	14.77	46.42	30.16	7.42	7.99	12.3	0.939	88.1
467	5/13/2009 9:46	14.74	46.525	30.23	7.34	7.96	18.7	0.949	87.2
468	5/13/2009 10:01	14.68	46.602	30.29	7.26	7.97	20	0.987	86.1
469	5/13/2009 10:16	14.67	46.712	30.36	7.26	7.94	17.3	1.044	86.1
470	5/13/2009 10:31	14.67	46.681	30.34	7.23	7.94	18.3	1.122	85.8
471	5/13/2009 10:46	14.79	46.629	30.31	7.33	7.97	20.7	1.17	87.1
472	5/13/2009 11:01	14.97	46.008	29.86	7.41	7.99	18.1	1.216	88.2
473	5/13/2009 11:16	14.92	46.012	29.86	7.46	7.99	17.9	1.291	88.6
474	5/13/2009 11:31	14.76	46.23	30.02	7.39	7.95	15.6	1.349	87.7
475	5/13/2009 11:46	14.69	46.11	29.93	7.4	7.97	12	1.43	87.6
476	5/13/2009 12:01	14.76	46.324	30.09	7.35	7.96	19.8	1.481	87.2
477	5/13/2009 12:16	14.54	46.525	30.23	7.32	7.96	14.2	1.557	86.6
478	5/13/2009 12:31	14.4	46.821	30.44	7.34	7.92	13.1	1.652	86.7
479	5/13/2009 12:46	14.29	46.916	30.5	7.51	7.96	11	1.733	88.5
480	5/13/2009 13:01	14.41	46.95	30.53	7.55	7.97	10.1	1.819	89.2
481	5/13/2009 13:16	14.49	46.882	30.48	7.6	7.97	8.3	1.909	90
482	5/13/2009 13:31	14.17	47.562	30.97	7.62	7.96	6.3	2.002	89.9
483	5/13/2009 13:46	14	47.78	31.12	7.64	7.96	7.3	2.08	89.9
484	5/13/2009 14:01	13.94	47.917	31.22	7.69	7.91	6.8	2.152	90.4
485	5/13/2009 14:16	13.83	48.059	31.32	7.71	7.9	6.7	2.224	90.5
486	5/13/2009 14:31	13.83	48.09	31.34	7.73	7.91	5.9	2.3	90.8
487	5/13/2009 14:46	13.85	48.011	31.28	7.75	7.96	5.6	2.348	91
488	5/13/2009 15:01	13.7	48.231	31.44	7.74	7.9	5.2	2.401	90.7
489	5/13/2009 15:16	13.59	48.132	31.36	7.85	7.96	5.1	2.46	91.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
490	5/13/2009 15:31	13.55	48.126	31.36	7.86	7.96	4.6	2.494	91.8
491	5/13/2009 15:46	13.53	48.129	31.36	7.87	7.97	3.9	2.534	91.8
492	5/13/2009 16:01	13.52	48.279	31.47	7.87	7.96	3.9	2.57	91.9
493	5/13/2009 16:16	13.32	48.523	31.64	7.87	7.89	3.4	2.597	91.6
494	5/13/2009 16:31	13.44	48.54	31.65	7.9	7.9	2.9	2.606	92.1
495	5/13/2009 16:46	13.55	48.442	31.59	7.88	7.91	4	2.623	92.1
496	5/13/2009 17:01	13.29	48.533	31.64	7.75	7.89	3	2.617	90.1
497	5/13/2009 17:16	13.3	48.609	31.7	7.78	7.89	3.7	2.597	90.5
498	5/13/2009 17:31	13.44	48.491	31.62	7.76	7.89	4.7	2.563	90.6
499	5/13/2009 17:46	13.74	48.388	31.55	7.92	7.92	4.6	2.529	92.9
500	5/13/2009 18:01	13.98	48.135	31.38	8.04	7.93	4.7	2.478	94.7
501	5/13/2009 18:16	14.09	48.144	31.39	7.93	7.97	4.9	2.439	93.6
502	5/13/2009 18:31	14.12	48.201	31.43	7.91	7.93	4.8	2.373	93.4
503	5/13/2009 18:46	14.15	48.025	31.3	7.89	7.97	4.9	2.332	93.1
504	5/13/2009 19:01	14.32	47.995	31.28	7.97	7.98	4.8	2.285	94.5
505	5/13/2009 19:16	15.04	47.79	31.15	8.89	8.05	5.1	2.233	106.8
506	5/13/2009 19:31	15.17	47.755	31.13	9.06	8.07	5.5	2.199	109.1
507	5/13/2009 19:46	15.33	47.433	30.9	9.36	8.09	5.8	2.142	113
508	5/13/2009 20:01	15.26	47.686	31.08	9.13	8.08	4.8	2.129	110.1
509	5/13/2009 20:16	15.29	47.563	30.99	9.06	8.07	4.6	2.103	109.3
510	5/13/2009 20:31	15.23	47.213	30.74	8.88	8.06	4.9	2.082	106.9
511	5/13/2009 20:46	15.2	47.569	31	8.77	8.04	4.4	2.066	105.6
512	5/13/2009 21:01	15.31	47.542	30.98	9	8.08	4.5	2.072	108.5
513	5/13/2009 21:16	15.18	47.233	30.75	8.57	8.02	4.3	2.095	103
514	5/13/2009 21:31	15.18	47.326	30.82	8.7	8.05	4.2	2.105	104.6
515	5/13/2009 21:46	14.73	47.633	31.03	8.41	8.02	4.2	2.124	100.3
516	5/13/2009 22:01	14.71	47.76	31.12	8.23	7.97	4.4	2.161	98.2
517	5/13/2009 22:16	14.72	47.589	31	8.28	8.01	4.5	2.201	98.7
518	5/13/2009 22:31	14.83	47.529	30.96	8.34	7.98	5.1	2.239	99.6
519	5/13/2009 22:46	14.72	47.61	31.02	8.17	7.97	4.2	2.268	97.5
520	5/13/2009 23:01	14.5	47.765	31.12	8.05	7.95	4.4	2.314	95.7
521	5/13/2009 23:16	14.4	47.807	31.15	8.17	8	3.9	2.365	96.9
522	5/13/2009 23:31	14.12	48.046	31.32	8.16	7.99	3.4	2.399	96.4
523	5/13/2009 23:46	13.97	48.111	31.36	8.15	7.99	3.3	2.452	95.9
524	5/14/2009 0:01	13.85	48.233	31.44	8.16	7.99	3.2	2.502	95.9
525	5/14/2009 0:16	13.78	48.282	31.48	8.15	7.99	3.2	2.558	95.6
526	5/14/2009 0:31	13.75	48.464	31.61	8.11	7.93	3.3	2.608	95.2
527	5/14/2009 0:46	13.67	48.388	31.55	8.11	7.92	3.6	2.654	95
528	5/14/2009 1:01	13.46	48.613	31.71	8.08	7.91	2.8	2.715	94.3
529	5/14/2009 1:16	13.16	48.928	31.93	8.08	7.95	2.9	2.76	93.8
530	5/14/2009 1:31	12.98	49.014	31.98	8.06	7.95	2.7	2.804	93.4
531	5/14/2009 1:46	12.89	49.073	32.02	8.02	7.94	2.6	2.858	92.7
532	5/14/2009 2:01	12.39	49.473	32.29	8	7.86	2.5	2.893	91.7
533	5/14/2009 2:16	12.32	49.398	32.23	8.04	7.97	2	2.933	92
534	5/14/2009 2:31	12.23	49.468	32.28	8.03	7.86	2	2.962	91.7
535	5/14/2009 2:46	12.32	49.5	32.31	7.98	7.87	2.2	2.971	91.3
536	5/14/2009 3:01	12.29	49.475	32.29	7.98	7.87	2.2	2.979	91.2
537	5/14/2009 3:16	12.02	49.776	32.49	7.72	7.84	1.9	2.978	87.9
538	5/14/2009 3:31	11.94	49.854	32.55	7.85	7.84	2.4	2.959	89.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
539	5/14/2009 3:46	12.01	49.62	32.38	7.86	7.85	2	2.92	89.4
540	5/14/2009 4:01	12.6	49.301	32.18	7.8	7.93	2.7	2.876	89.7
541	5/14/2009 4:16	12.98	48.746	31.79	7.66	7.93	2.7	2.825	88.6
542	5/14/2009 4:31	12.87	49.15	32.08	7.71	7.93	3.2	2.763	89.1
543	5/14/2009 4:46	12.98	48.954	31.94	7.8	7.94	3.7	2.683	90.4
544	5/14/2009 5:01	13.3	48.813	31.85	7.74	7.99	4.8	2.611	90.1
545	5/14/2009 5:16	13.67	48.35	31.52	7.47	7.93	3.8	2.526	87.5
546	5/14/2009 5:31	13.89	48.171	31.4	7.21	7.92	3.8	2.453	84.8
547	5/14/2009 5:46	13.96	48.18	31.41	7.16	7.87	4.2	2.356	84.3
548	5/14/2009 6:01	13.96	48.059	31.32	7.32	7.92	5.1	2.268	86.1
549	5/14/2009 6:16	14.1	48.081	31.34	7.27	7.87	4.4	2.182	85.8
550	5/14/2009 6:31	14.19	47.944	31.25	7.22	7.87	5.5	2.058	85.3
551	5/14/2009 6:46	14.36	47.772	31.12	7.24	7.93	6	1.972	85.8
552	5/14/2009 7:01	14.46	47.579	30.99	7.22	7.92	5.8	1.873	85.6
553	5/14/2009 7:16	14.7	47.436	30.89	7.28	7.94	6.8	1.756	86.7
554	5/14/2009 7:31	14.78	47.327	30.81	7.33	7.95	6.5	1.646	87.4
555	5/14/2009 7:46	14.87	47.332	30.82	7.34	7.91	6.7	1.542	87.7
556	5/14/2009 8:01	15.02	47.227	30.75	7.41	7.93	6.4	1.45	88.8
557	5/14/2009 8:16	15.11	47.12	30.67	7.48	7.94	6.7	1.352	89.8
558	5/14/2009 8:31	15.21	47.043	30.62	7.53	7.98	6.7	1.265	90.4
559	5/14/2009 8:46	15.27	46.961	30.56	7.55	7.99	6.2	1.192	90.7
560	5/14/2009 9:01	15.31	46.998	30.59	7.56	7.99	6.3	1.13	91
561	5/14/2009 9:16	15.35	46.903	30.52	7.54	8	6	1.082	90.8
562	5/14/2009 9:31	15.38	46.976	30.57	7.53	8	5.3	1.05	90.8
563	5/14/2009 9:46	15.37	47.017	30.6	7.55	7.96	4.9	1.045	90.9
564	5/14/2009 10:01	15.26	46.956	30.55	7.47	7.99	6.2	1.04	89.8
565	5/14/2009 10:16	15.19	46.977	30.57	7.38	7.98	7.5	1.06	88.6
566	5/14/2009 10:31	15.22	47.068	30.63	7.41	7.94	9	1.08	89
567	5/14/2009 10:46	15.27	46.955	30.55	7.47	7.98	7.9	1.109	89.8
568	5/14/2009 11:01	15.3	46.889	30.51	7.55	7.99	8.5	1.164	90.8
569	5/14/2009 11:16	15.26	47.04	30.61	7.46	7.98	12.1	1.212	89.7
570	5/14/2009 11:31	15.2	47.049	30.62	7.37	7.93	16.5	1.25	88.6
571	5/14/2009 11:46	15.29	46.718	30.38	7.43	7.98	10.5	1.298	89.3
572	5/14/2009 12:01	15.21	46.723	30.38	7.41	7.93	10.1	1.374	88.9
573	5/14/2009 12:16	15.16	46.815	30.45	7.37	7.97	9	1.426	88.3
574	5/14/2009 12:31	15.14	46.749	30.4	7.34	7.96	8.9	1.489	87.9
575	5/14/2009 12:46	15.05	46.881	30.5	7.26	7.96	12.3	1.567	86.9
576	5/14/2009 13:01	15.01	46.852	30.47	7.28	7.91	15.5	1.638	87
577	5/14/2009 13:16	15.02	46.865	30.48	7.37	7.92	8.9	1.718	88.1
578	5/14/2009 13:31	15.06	46.695	30.36	7.42	7.92	7.4	1.793	88.7
579	5/14/2009 13:46	14.86	46.899	30.5	7.47	7.97	6.7	1.876	89.1
580	5/14/2009 14:01	14.81	47.201	30.72	7.56	7.92	5.7	1.954	90.2
581	5/14/2009 14:16	14.38	47.85	31.18	7.52	7.9	5.2	2.028	89.1
582	5/14/2009 14:31	14.31	47.797	31.14	7.54	7.96	4.8	2.104	89.3
583	5/14/2009 14:46	14.24	47.932	31.24	7.63	7.96	5.3	2.17	90.3
584	5/14/2009 15:01	14.15	48.213	31.44	7.63	7.89	4.5	2.241	90.2
585	5/14/2009 15:16	14.02	48.226	31.44	7.64	7.96	4.6	2.299	90.1
586	5/14/2009 15:31	13.9	48.339	31.52	7.64	7.88	4.4	2.349	89.9
587	5/14/2009 15:46	13.85	48.365	31.54	7.66	7.88	4.3	2.409	90.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
588	5/14/2009 16:01	13.75	48.447	31.6	7.71	7.88	3.8	2.455	90.5
589	5/14/2009 16:16	13.69	48.447	31.6	7.76	7.88	3.4	2.5	90.9
590	5/14/2009 16:31	13.64	48.597	31.7	7.76	7.88	3.3	2.533	90.9
591	5/14/2009 16:46	13.62	48.601	31.7	7.79	7.88	2.7	2.573	91.3
592	5/14/2009 17:01	13.49	48.717	31.78	7.82	7.95	2.5	2.601	91.4
593	5/14/2009 17:16	13.41	48.711	31.78	7.8	7.94	2.4	2.608	91.1
594	5/14/2009 17:31	13.52	48.67	31.75	7.81	7.88	2.4	2.635	91.3
595	5/14/2009 17:46	13.34	48.838	31.87	7.66	7.93	2.2	2.624	89.3
596	5/14/2009 18:01	13.38	48.675	31.75	7.66	7.92	2.6	2.611	89.3
597	5/14/2009 18:16	13.5	48.68	31.76	7.75	7.96	2.9	2.581	90.6
598	5/14/2009 18:31	13.62	48.638	31.73	7.7	7.95	3.1	2.549	90.2
599	5/14/2009 18:46	13.82	48.457	31.61	7.73	7.96	3.4	2.51	90.8
600	5/14/2009 19:01	14.02	48.368	31.55	7.77	7.96	3.8	2.455	91.7
601	5/14/2009 19:16	14.08	48.308	31.51	7.7	7.96	3.5	2.419	90.9
602	5/14/2009 19:31	14.25	48.255	31.47	7.72	7.97	3.7	2.366	91.4
603	5/14/2009 19:46	14.54	48.102	31.37	7.91	7.94	4	2.317	94.2
604	5/14/2009 20:01	14.67	48.005	31.3	8.06	8	3.7	2.278	96.2
605	5/14/2009 20:16	14.8	47.864	31.2	8.2	8.01	3.8	2.236	98
606	5/14/2009 20:31	15.51	47.602	31.03	8.94	8.08	4.6	2.206	108.4
607	5/14/2009 20:46	15.43	47.804	31.17	8.63	8.06	4.4	2.171	104.5
608	5/14/2009 21:01	15.45	47.707	31.1	8.69	8.06	4.1	2.15	105.2
609	5/14/2009 21:16	15.39	47.553	30.99	8.61	8.05	4.3	2.133	104.1
610	5/14/2009 21:31	14.99	47.817	31.17	8.1	8.01	3.8	2.121	97.2
611	5/14/2009 21:46	15.42	47.692	31.09	8.54	8.05	3.5	2.118	103.3
612	5/14/2009 22:01	15.52	47.808	31.18	8.74	8.07	3.7	2.126	106
613	5/14/2009 22:16	15.35	47.774	31.15	8.65	8.05	3.2	2.132	104.6
614	5/14/2009 22:31	15.23	47.735	31.12	8.48	7.99	3.2	2.149	102.3
615	5/14/2009 22:46	15.01	47.881	31.22	8.18	7.96	3.8	2.179	98.2
616	5/14/2009 23:01	14.83	47.886	31.22	8	7.95	3.6	2.199	95.8
617	5/14/2009 23:16	14.87	47.749	31.12	8.08	8	3.7	2.222	96.7
618	5/14/2009 23:31	14.91	47.817	31.17	8.14	7.95	3.6	2.263	97.5
619	5/14/2009 23:46	14.65	48.011	31.31	7.97	7.99	3.1	2.297	95.1
620	5/15/2009 0:01	14.78	47.881	31.21	8.03	8	3.4	2.334	96
621	5/15/2009 0:16	14.28	48.307	31.51	7.94	7.98	3.1	2.368	94.1
622	5/15/2009 0:31	14.05	48.462	31.62	7.91	7.98	2.6	2.41	93.4
623	5/15/2009 0:46	13.86	48.669	31.76	7.9	7.95	2.9	2.452	93
624	5/15/2009 1:01	13.75	48.58	31.69	7.89	7.96	2.7	2.495	92.7
625	5/15/2009 1:16	13.84	48.521	31.65	7.94	7.95	2.9	2.539	93.4
626	5/15/2009 1:31	13.72	48.64	31.74	7.92	7.95	2.9	2.581	93
627	5/15/2009 1:46	13.41	48.815	31.85	7.88	7.95	2.6	2.628	92
628	5/15/2009 2:01	13.14	49.127	32.07	7.87	7.87	2.3	2.664	91.5
629	5/15/2009 2:16	13.07	49.208	32.13	7.88	7.87	2.5	2.706	91.5
630	5/15/2009 2:31	13.01	49.129	32.07	7.86	7.87	2.3	2.739	91.2
631	5/15/2009 2:46	12.68	49.476	32.31	7.86	7.86	2.1	2.782	90.6
632	5/15/2009 3:01	12.72	49.212	32.12	7.88	7.97	2.1	2.815	90.8
633	5/15/2009 3:16	12.54	49.63	32.41	7.87	7.86	2.2	2.841	90.6
634	5/15/2009 3:31	12.56	49.552	32.36	7.87	7.86	2.1	2.865	90.5
635	5/15/2009 3:46	12.66	49.442	32.28	7.81	7.97	2	2.876	90
636	5/15/2009 4:01	12.55	49.65	32.43	7.63	7.85	1.9	2.884	87.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
637	5/15/2009 4:16	12.99	49.142	32.08	7.65	7.86	2.3	2.859	88.7
638	5/15/2009 4:31	12.81	49.405	32.26	7.79	7.86	2.2	2.841	90.1
639	5/15/2009 4:46	12.99	49.256	32.16	7.66	7.86	2.4	2.797	88.9
640	5/15/2009 5:01	13.43	48.919	31.93	7.72	7.94	2.9	2.746	90.2
641	5/15/2009 5:16	13.53	48.784	31.83	7.66	7.93	3.1	2.699	89.7
642	5/15/2009 5:31	13.34	48.889	31.9	7.67	7.93	3.7	2.617	89.4
643	5/15/2009 5:46	13.55	48.839	31.88	7.62	7.93	4.6	2.545	89.2
644	5/15/2009 6:01	13.79	48.638	31.74	7.55	7.92	4.8	2.482	88.7
645	5/15/2009 6:16	13.77	48.467	31.61	7.52	7.92	4.6	2.393	88.3
646	5/15/2009 6:31	13.85	48.38	31.55	7.49	7.92	3.9	2.317	88.1
647	5/15/2009 6:46	14.16	48.049	31.32	7.49	7.94	4.5	2.234	88.5
648	5/15/2009 7:01	13.99	48.372	31.55	7.55	7.93	4.9	2.142	89
649	5/15/2009 7:16	14.55	47.919	31.24	7.55	7.89	5.1	2.046	89.9
650	5/15/2009 7:31	14.62	47.682	31.07	7.55	7.89	5.9	1.958	89.9
651	5/15/2009 7:46	14.92	47.244	30.76	7.47	7.95	5.9	1.868	89.3
652	5/15/2009 8:01	14.93	47.556	30.98	7.52	7.89	6.2	1.76	90
653	5/15/2009 8:16	15.07	47.493	30.94	7.57	7.91	6.8	1.686	90.9
654	5/15/2009 8:31	15.15	47.352	30.84	7.75	7.99	7	1.579	93.1
655	5/15/2009 8:46	15.34	47.202	30.73	7.77	8	7.6	1.486	93.7
656	5/15/2009 9:01	15.39	47.219	30.75	7.89	8.02	7.4	1.4	95.2
657	5/15/2009 9:16	15.5	47.058	30.63	7.91	8.03	6.7	1.334	95.7
658	5/15/2009 9:31	15.61	47.277	30.79	7.98	8.04	6.8	1.275	96.8
659	5/15/2009 9:46	15.7	47.182	30.73	8.01	8	7.1	1.219	97.3
660	5/15/2009 10:01	15.75	47.191	30.73	8.01	8.01	7.3	1.189	97.3
661	5/15/2009 10:16	15.78	47.163	30.71	7.96	8.01	7.3	1.162	96.8
662	5/15/2009 10:31	15.82	47.11	30.68	7.91	8.06	5.6	1.163	96.2
663	5/15/2009 10:46	15.61	47.226	30.76	7.89	8.04	5.7	1.16	95.6
664	5/15/2009 11:01	15.49	47.273	30.79	7.6	7.96	6.3	1.164	91.9
665	5/15/2009 11:16	15.63	47.262	30.78	7.84	7.97	7.6	1.193	95.1
666	5/15/2009 11:31	15.7	47.243	30.77	7.85	7.97	6.8	1.217	95.4
667	5/15/2009 11:46	15.65	47.235	30.76	7.79	7.97	6.8	1.244	94.5
668	5/15/2009 12:01	15.59	47.231	30.76	7.74	7.96	6.7	1.28	93.7
669	5/15/2009 12:16	15.53	47.27	30.79	7.61	7.95	8.3	1.323	92.1
670	5/15/2009 12:31	15.62	47.262	30.78	7.66	7.95	10.3	1.376	92.8
671	5/15/2009 12:46	15.8	46.931	30.55	7.7	7.95	7	1.41	93.6
672	5/15/2009 13:01	15.73	46.915	30.53	7.65	8	6.7	1.478	92.9
673	5/15/2009 13:16	15.68	47.062	30.64	7.61	7.99	8.7	1.542	92.3
674	5/15/2009 13:31	15.56	47.019	30.61	7.51	7.98	11.8	1.606	90.9
675	5/15/2009 13:46	15.44	47.105	30.67	7.41	7.91	15.9	1.672	89.5
676	5/15/2009 14:01	15.23	47.293	30.8	7.37	7.9	12.9	1.757	88.6
677	5/15/2009 14:16	15.11	47.34	30.83	7.5	7.97	9.2	1.826	90.1
678	5/15/2009 14:31	14.97	47.571	30.99	7.49	7.89	7.2	1.891	89.7
679	5/15/2009 14:46	14.94	47.621	31.03	7.56	7.9	6	1.976	90.6
680	5/15/2009 15:01	14.96	47.595	31.01	7.56	7.9	5.4	2.045	90.6
681	5/15/2009 15:16	14.75	47.741	31.11	7.56	7.95	4.9	2.109	90.2
682	5/15/2009 15:31	14.68	47.543	30.97	7.63	7.95	4.3	2.179	90.9
683	5/15/2009 15:46	14.27	48.211	31.44	7.58	7.97	4	2.241	89.8
684	5/15/2009 16:01	14.06	48.46	31.62	7.6	7.92	4	2.295	89.7
685	5/15/2009 16:16	13.82	48.599	31.71	7.59	7.86	3.8	2.346	89.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
686	5/15/2009 16:31	13.75	48.64	31.74	7.6	7.86	3.8	2.404	89.3
687	5/15/2009 16:46	13.68	48.772	31.83	7.63	7.86	3.5	2.452	89.5
688	5/15/2009 17:01	13.59	48.85	31.88	7.64	7.86	3.4	2.49	89.5
689	5/15/2009 17:16	13.54	48.892	31.91	7.65	7.86	3.1	2.528	89.5
690	5/15/2009 17:31	13.48	48.898	31.92	7.65	7.86	2.6	2.564	89.5
691	5/15/2009 17:46	13.44	48.874	31.9	7.69	7.96	3.3	2.583	89.8
692	5/15/2009 18:01	13.42	48.969	31.96	7.69	7.86	2.4	2.595	89.9
693	5/15/2009 18:16	13.55	48.876	31.9	7.57	7.86	2.8	2.609	88.6
694	5/15/2009 18:31	13.44	48.975	31.97	7.49	7.85	2.5	2.609	87.5
695	5/15/2009 18:46	13.46	48.868	31.89	7.54	7.95	3.2	2.588	88.2
696	5/15/2009 19:01	13.5	48.867	31.89	7.58	7.96	2.7	2.571	88.7
697	5/15/2009 19:16	13.64	48.866	31.9	7.59	7.86	2.9	2.543	89
698	5/15/2009 19:31	13.98	48.611	31.72	7.72	7.94	3.5	2.502	91.2
699	5/15/2009 19:46	14.09	48.502	31.65	7.66	7.94	3.1	2.471	90.6
700	5/15/2009 20:01	14.05	48.506	31.65	7.65	7.94	3.6	2.428	90.3
701	5/15/2009 20:16	14.26	48.149	31.4	7.76	7.96	3.9	2.39	91.9
702	5/15/2009 20:31	14.49	48.022	31.31	7.77	7.99	3.3	2.349	92.4
703	5/15/2009 20:46	14.51	48.213	31.45	7.88	7.97	3.9	2.292	93.8
704	5/15/2009 21:01	14.71	47.952	31.26	8.48	8.06	5.3	2.272	101.3
705	5/15/2009 21:16	14.76	47.971	31.28	8.26	8.03	5.1	2.228	98.8
706	5/15/2009 21:31	14.69	47.957	31.27	8.15	8.02	4.5	2.192	97.3
707	5/15/2009 21:46	14.7	47.812	31.16	8.03	8.01	4.2	2.166	95.8
708	5/15/2009 22:01	14.75	47.888	31.22	8.04	8.01	4.6	2.141	96.1
709	5/15/2009 22:16	14.78	47.729	31.1	7.92	8	4	2.121	94.6
710	5/15/2009 22:31	14.76	47.858	31.2	7.8	7.92	3.8	2.095	93.3
711	5/15/2009 22:46	14.66	47.966	31.27	7.87	7.99	3.5	2.096	93.9
712	5/15/2009 23:01	14.68	48.001	31.3	7.82	7.92	3.3	2.087	93.3
713	5/15/2009 23:16	14.86	47.582	31	7.8	8	3.5	2.095	93.3
714	5/15/2009 23:31	14.86	47.536	30.97	7.76	7.99	3.8	2.089	92.8
715	5/15/2009 23:46	14.77	47.74	31.11	7.79	7.99	4.8	2.108	93
716	5/16/2009 0:01	14.77	47.711	31.09	7.83	8	4.4	2.134	93.5
717	5/16/2009 0:16	14.53	48.074	31.35	7.78	7.97	3.8	2.149	92.6
718	5/16/2009 0:31	14.6	48.043	31.33	7.77	7.97	3.7	2.168	92.6
719	5/16/2009 0:46	14.62	48.016	31.31	7.79	7.97	3.6	2.205	92.9
720	5/16/2009 1:01	14.51	48.18	31.42	7.75	7.95	3.2	2.239	92.3
721	5/16/2009 1:16	14.49	48.04	31.32	7.74	7.97	3.8	2.26	92
722	5/16/2009 1:31	14.13	48.292	31.5	7.72	7.94	2.9	2.305	91.3
723	5/16/2009 1:46	13.99	48.554	31.68	7.74	7.88	3	2.346	91.3
724	5/16/2009 2:01	13.93	48.392	31.56	7.79	7.98	3.4	2.387	91.8
725	5/16/2009 2:16	13.99	48.494	31.64	7.81	7.96	3.2	2.417	92.2
726	5/16/2009 2:31	13.86	48.574	31.69	7.83	7.88	3	2.471	92.1
727	5/16/2009 2:46	13.71	48.539	31.66	7.9	7.99	2.7	2.507	92.7
728	5/16/2009 3:01	13.65	48.726	31.8	7.93	7.89	2.9	2.541	92.9
729	5/16/2009 3:16	13.46	48.858	31.89	7.99	8	2.5	2.584	93.3
730	5/16/2009 3:31	12.88	49.314	32.2	8.16	8	2	2.621	94.4
731	5/16/2009 3:46	12.71	49.47	32.3	8.23	7.88	1.8	2.649	95
732	5/16/2009 4:01	13.03	49.216	32.13	8.14	7.88	2.5	2.666	94.4
733	5/16/2009 4:16	12.8	49.536	32.35	8.19	7.88	2.1	2.699	94.7
734	5/16/2009 4:31	12.85	49.522	32.35	8.11	7.88	2.1	2.714	93.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
735	5/16/2009 4:46	12.98	49.329	32.21	7.91	7.99	2	2.701	91.7
736	5/16/2009 5:01	12.97	49.298	32.19	7.94	7.87	2.2	2.702	92
737	5/16/2009 5:16	13.05	49.378	32.25	7.96	7.88	2.8	2.685	92.5
738	5/16/2009 5:31	13.39	49.061	32.03	7.78	7.87	2.3	2.663	90.9
739	5/16/2009 5:46	13.39	49.021	32	7.67	7.86	3.5	2.615	89.6
740	5/16/2009 6:01	13.61	48.652	31.74	7.25	7.83	3.8	2.568	84.9
741	5/16/2009 6:16	13.83	48.535	31.66	7.34	7.92	3.4	2.522	86.3
742	5/16/2009 6:31	13.68	48.501	31.63	7.56	7.97	3.4	2.461	88.6
743	5/16/2009 6:46	13.76	48.496	31.63	7.49	7.93	4.2	2.395	88
744	5/16/2009 7:01	13.9	48.5	31.64	7.26	7.9	4.1	2.327	85.5
745	5/16/2009 7:16	14.07	48.186	31.42	7.01	7.91	3.7	2.266	82.7
746	5/16/2009 7:31	14.21	48.193	31.43	7.06	7.89	5.2	2.186	83.6
747	5/16/2009 7:46	14.26	48.129	31.38	7.11	7.89	4.2	2.11	84.2
748	5/16/2009 8:01	14.34	48.098	31.36	7.17	7.91	4.6	2.022	85.1
749	5/16/2009 8:16	14.49	47.937	31.25	7.18	7.91	4.5	1.956	85.3
750	5/16/2009 8:31	14.64	47.828	31.17	7.21	7.93	5.2	1.883	85.9
751	5/16/2009 8:46	14.74	47.715	31.09	7.2	7.93	6	1.787	85.9
752	5/16/2009 9:01	14.96	47.682	31.07	7.32	7.96	6.8	1.699	87.7
753	5/16/2009 9:16	14.99	47.67	31.07	7.48	7.97	7	1.627	89.7
754	5/16/2009 9:31	15.22	47.474	30.93	7.58	7.95	8.5	1.555	91.3
755	5/16/2009 9:46	15.31	47.389	30.87	7.68	8.04	8.5	1.466	92.7
756	5/16/2009 10:01	15.36	47.323	30.82	7.75	8.04	9.1	1.398	93.5
757	5/16/2009 10:16	15.41	47.214	30.74	7.72	8.04	8.1	1.361	93.2
758	5/16/2009 10:31	15.42	47.25	30.77	7.63	8.03	7.9	1.314	92.2
759	5/16/2009 10:46	15.48	47.335	30.83	7.63	8.03	8.4	1.267	92.3
760	5/16/2009 11:01	15.54	47.328	30.83	7.65	7.97	5.8	1.243	92.7
761	5/16/2009 11:16	15.49	47.246	30.77	7.64	8.04	6.3	1.248	92.4
762	5/16/2009 11:31	15.29	47.333	30.83	7.45	8.01	10.2	1.235	89.8
763	5/16/2009 11:46	15.78	47.392	30.88	7.62	8.02	7.7	1.215	92.7
764	5/16/2009 12:01	15.83	47.433	30.91	7.71	7.97	6.4	1.249	94
765	5/16/2009 12:16	15.87	47.436	30.91	7.65	7.95	6	1.278	93.3
766	5/16/2009 12:31	15.47	47.532	30.98	7.61	7.94	9.4	1.294	92.1
767	5/16/2009 12:46	15.24	47.323	30.82	7.38	7.98	8.8	1.327	88.8
768	5/16/2009 13:01	15.22	47.495	30.94	7.3	7.98	9.8	1.368	87.9
769	5/16/2009 13:16	16.14	47.337	30.85	7.63	7.96	8.7	1.43	93.5
770	5/16/2009 13:31	15.65	47.432	30.91	7.4	8	12	1.467	89.9
771	5/16/2009 13:46	15.61	47.169	30.71	7.42	8	10.9	1.531	89.9
772	5/16/2009 14:01	15.32	47.233	30.76	7.24	7.96	13.6	1.599	87.2
773	5/16/2009 14:16	15.08	47.436	30.9	7.13	7.95	12.1	1.661	85.6
774	5/16/2009 14:31	14.9	47.586	31	7.21	7.93	12	1.726	86.3
775	5/16/2009 14:46	14.8	47.641	31.04	7.19	7.93	9.4	1.793	86
776	5/16/2009 15:01	14.63	47.761	31.12	7.26	7.96	5.8	1.875	86.6
777	5/16/2009 15:16	14.69	47.803	31.16	7.36	7.93	6.3	1.928	87.7
778	5/16/2009 15:31	14.7	47.845	31.19	7.47	7.95	5	2.005	89.1
779	5/16/2009 15:46	14.76	47.995	31.3	7.52	7.94	4.7	2.073	90
780	5/16/2009 16:01	14.71	48.185	31.43	7.64	7.94	4.6	2.144	91.4
781	5/16/2009 16:16	14.83	48.272	31.5	7.75	7.94	4.3	2.2	92.9
782	5/16/2009 16:31	14.7	48.481	31.65	7.85	7.95	3.8	2.262	94
783	5/16/2009 16:46	14.46	48.372	31.56	7.85	7.98	3.5	2.328	93.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
784	5/16/2009 17:01	14.24	48.737	31.82	7.89	7.88	3.2	2.374	93.7
785	5/16/2009 17:16	13.5	48.757	31.81	7.86	7.99	3.4	2.424	91.9
786	5/16/2009 17:31	13.45	49.068	32.04	7.94	7.87	3.2	2.481	92.9
787	5/16/2009 17:46	13.4	48.999	31.99	8.03	8	3.5	2.529	93.8
788	5/16/2009 18:01	13.39	49.111	32.07	8.1	7.88	3.1	2.568	94.7
789	5/16/2009 18:16	13.39	49.123	32.08	8.16	7.89	3	2.605	95.3
790	5/16/2009 18:31	13.36	49.145	32.09	8.21	7.89	2.7	2.642	95.9
791	5/16/2009 18:46	13.35	49.039	32.01	8.22	7.9	3.3	2.664	95.9
792	5/16/2009 19:01	13.5	49.09	32.06	8.14	7.89	2.8	2.676	95.3
793	5/16/2009 19:16	13.4	48.857	31.88	8.07	8	4.3	2.682	94.2
794	5/16/2009 19:31	13.39	49.146	32.09	8.09	7.89	2.6	2.679	94.5
795	5/16/2009 19:46	13.4	49.157	32.1	8.06	7.88	3.1	2.649	94.2
796	5/16/2009 20:01	13.5	48.962	31.96	8.05	8	3	2.623	94.2
797	5/16/2009 20:16	13.94	48.767	31.84	8.16	8.01	4.2	2.58	96.3
798	5/16/2009 20:31	13.99	48.924	31.95	8.12	7.9	3.8	2.536	95.9
799	5/16/2009 20:46	14.06	48.786	31.85	8.05	8	3.5	2.494	95.2
800	5/16/2009 21:01	14.23	48.664	31.77	8.07	7.97	3.7	2.431	95.8
801	5/16/2009 21:16	14.38	48.462	31.63	7.99	7.97	4.1	2.39	95
802	5/16/2009 21:31	14.51	48.573	31.71	7.97	7.97	3.7	2.344	95.1
803	5/16/2009 21:46	15.03	48.113	31.39	8.15	8.02	4.4	2.296	98.1
804	5/16/2009 22:01	15.07	48.116	31.39	8.07	8.02	4	2.257	97.2
805	5/16/2009 22:16	15.14	47.882	31.22	8.1	8.02	4.3	2.2	97.5
806	5/16/2009 22:31	15.04	48.03	31.33	7.98	8.01	4.1	2.178	95.9
807	5/16/2009 22:46	15.12	47.996	31.31	7.93	8.01	4.2	2.139	95.5
808	5/16/2009 23:01	15.17	48.034	31.33	7.91	7.93	4.2	2.088	95.4
809	5/16/2009 23:16	15.09	48.097	31.38	7.77	7.93	3.7	2.073	93.5
810	5/16/2009 23:31	15.22	47.902	31.24	7.8	8	3.6	2.04	94.1
811	5/16/2009 23:46	15.41	47.497	30.95	7.83	8	4.2	2.027	94.6
812	5/17/2009 0:01	15.43	47.641	31.05	7.79	8	3.9	2.007	94.2
813	5/17/2009 0:16	15.36	47.602	31.02	7.8	8	3.8	1.993	94.3
814	5/17/2009 0:31	15.29	47.797	31.16	7.8	8	3.5	2.009	94.1
815	5/17/2009 0:46	15.29	47.618	31.03	7.78	7.93	4.1	2.001	93.9
816	5/17/2009 1:01	15.14	47.868	31.21	7.75	7.98	4.3	2.014	93.3
817	5/17/2009 1:16	15.19	47.748	31.13	7.79	8	4.3	2.034	93.9
818	5/17/2009 1:31	15.04	47.917	31.25	7.75	7.98	4.8	2.063	93.2
819	5/17/2009 1:46	15.02	47.97	31.28	7.8	7.98	3.8	2.089	93.7
820	5/17/2009 2:01	14.96	47.96	31.28	7.79	7.96	4	2.114	93.4
821	5/17/2009 2:16	14.8	48.203	31.45	7.79	7.96	3.1	2.161	93.3
822	5/17/2009 2:31	14.73	48.276	31.5	7.79	7.96	3.8	2.189	93.2
823	5/17/2009 2:46	14.75	48.235	31.47	7.88	7.97	3.1	2.234	94.3
824	5/17/2009 3:01	14.57	48.351	31.55	7.91	7.97	3.1	2.28	94.3
825	5/17/2009 3:16	14.46	48.412	31.59	8	8	2.9	2.308	95.2
826	5/17/2009 3:31	14.32	48.534	31.68	8.01	7.9	2.9	2.354	95.1
827	5/17/2009 3:46	14.16	48.677	31.78	8.06	8.01	2.9	2.395	95.5
828	5/17/2009 4:01	14.08	48.87	31.91	8.09	7.91	2.6	2.424	95.8
829	5/17/2009 4:16	14.05	48.662	31.76	8.08	8.01	2.7	2.474	95.5
830	5/17/2009 4:31	13.9	48.655	31.75	8.08	8.01	2.6	2.496	95.3
831	5/17/2009 4:46	13.38	49.004	31.99	8.21	8.02	2.1	2.534	95.9
832	5/17/2009 5:01	13.2	49.405	32.27	8.26	7.9	2.3	2.56	96.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
833	5/17/2009 5:16	13.25	49.535	32.37	8.21	7.9	2.1	2.571	95.8
834	5/17/2009 5:31	13.23	49.294	32.19	8.21	8.02	2	2.603	95.7
835	5/17/2009 5:46	13.55	49.077	32.05	8.02	7.89	2.1	2.6	94
836	5/17/2009 6:01	13.37	49.168	32.11	8.03	7.89	2.3	2.597	93.8
837	5/17/2009 6:16	13.36	49.171	32.11	8.06	7.89	2.9	2.592	94.1
838	5/17/2009 6:31	13.67	48.994	31.99	8.02	7.9	2.4	2.563	94.2
839	5/17/2009 6:46	13.77	48.723	31.8	7.94	7.89	2.7	2.543	93.3
840	5/17/2009 7:01	13.55	48.82	31.86	7.88	8	3.4	2.493	92.2
841	5/17/2009 7:16	13.75	48.796	31.85	7.72	7.88	3.3	2.453	90.7
842	5/17/2009 7:31	13.89	48.636	31.74	7.73	7.88	4.1	2.398	91
843	5/17/2009 7:46	14.19	48.2	31.43	7.67	7.97	4.2	2.332	90.7
844	5/17/2009 8:01	14.28	48.105	31.36	7.69	7.97	3.7	2.285	91.1
845	5/17/2009 8:16	14.32	48.548	31.69	7.64	7.88	4.1	2.205	90.8
846	5/17/2009 8:31	14.49	48.108	31.37	7.56	7.95	3.9	2.144	90
847	5/17/2009 8:46	14.74	47.972	31.28	7.66	7.95	4.1	2.084	91.5
848	5/17/2009 9:01	14.9	48.02	31.32	7.87	7.97	4.3	1.993	94.4
849	5/17/2009 9:16	15.11	47.936	31.26	8.04	7.98	4.4	1.927	96.8
850	5/17/2009 9:31	15.34	47.92	31.25	8.15	7.95	4.8	1.864	98.6
851	5/17/2009 9:46	15.6	47.722	31.12	8.27	8.03	5.3	1.792	100.5
852	5/17/2009 10:01	15.85	47.734	31.13	8.3	7.99	7	1.722	101.3
853	5/17/2009 10:16	16.06	47.505	30.97	8.52	8.07	7.9	1.647	104.3
854	5/17/2009 10:31	16.13	47.523	30.98	8.75	8.09	7	1.61	107.4
855	5/17/2009 10:46	16.02	47.546	30.99	8.59	8.07	5.7	1.535	105.1
856	5/17/2009 11:01	15.95	47.64	31.06	8.3	8.07	6.3	1.482	101.5
857	5/17/2009 11:16	16.41	47.361	30.87	9.3	8.13	6.5	1.448	114.6
858	5/17/2009 11:31	15.94	47.635	31.06	8.31	8.07	4.4	1.393	101.6
859	5/17/2009 11:46	16.09	47.777	31.16	8.61	8.01	4	1.371	105.6
860	5/17/2009 12:01	16.32	47.676	31.09	8.48	8.08	5.7	1.337	104.4
861	5/17/2009 12:16	16.26	47.359	30.86	8.4	8.08	5.9	1.331	103.2
862	5/17/2009 12:31	16.37	47.667	31.09	8.59	8.09	5.3	1.322	105.9
863	5/17/2009 12:46	16.58	47.601	31.04	8.66	8.1	4.3	1.326	107.1
864	5/17/2009 13:01	16.73	47.591	31.04	8.58	8.05	4.9	1.35	106.5
865	5/17/2009 13:16	16.76	47.598	31.04	8.57	8.11	5.9	1.363	106.5
866	5/17/2009 13:31	16.1	47.628	31.06	8.25	8.06	9.8	1.405	101.2
867	5/17/2009 13:46	16.46	47.671	31.09	8.29	8.07	8.8	1.452	102.5
868	5/17/2009 14:01	15.98	47.629	31.05	8.03	8.05	6.7	1.492	98.2
869	5/17/2009 14:16	16.14	47.773	31.16	8.02	7.97	6.4	1.554	98.5
870	5/17/2009 14:31	16.6	47.549	31.01	7.89	7.98	7.1	1.616	97.6
871	5/17/2009 14:46	16.27	47.584	31.03	7.88	7.97	6.1	1.673	96.9
872	5/17/2009 15:01	15.86	47.646	31.06	7.84	7.94	5.1	1.745	95.7
873	5/17/2009 15:16	15.47	47.741	31.13	7.71	7.98	5.1	1.815	93.4
874	5/17/2009 15:31	15.27	47.725	31.11	7.75	7.98	4.6	1.875	93.5
875	5/17/2009 15:46	15.17	47.992	31.3	7.82	7.98	3.8	1.95	94.3
876	5/17/2009 16:01	15.24	47.788	31.16	7.97	7.99	4.8	2.018	96.2
877	5/17/2009 16:16	15.33	48.187	31.45	8.06	7.99	4.2	2.086	97.6
878	5/17/2009 16:31	15.14	48.271	31.51	8.15	7.98	4.3	2.152	98.4
879	5/17/2009 16:46	15.37	48.277	31.51	8.15	7.99	4	2.215	98.7
880	5/17/2009 17:01	15.48	48.346	31.57	8.36	8.01	5.3	2.287	101.6
881	5/17/2009 17:16	15.17	48.43	31.62	8.41	7.99	4.2	2.347	101.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
882	5/17/2009 17:31	14.84	48.413	31.6	8.37	8.03	3.6	2.405	100.5
883	5/17/2009 17:46	13.85	49.074	32.06	8.29	7.9	3.1	2.471	97.8
884	5/17/2009 18:01	13.7	49.157	32.11	8.29	7.9	3.5	2.521	97.5
885	5/17/2009 18:16	13.61	49.006	32	8.35	7.9	3.5	2.578	97.9
886	5/17/2009 18:31	13.54	49.236	32.16	8.47	8.04	3.7	2.625	99.4
887	5/17/2009 18:46	13.54	49.271	32.19	8.53	7.92	3.1	2.674	100
888	5/17/2009 19:01	13.51	49.247	32.17	8.68	7.93	3.1	2.711	101.7
889	5/17/2009 19:16	13.41	49.302	32.21	8.78	7.93	2.6	2.748	102.7
890	5/17/2009 19:31	13.35	49.31	32.21	8.77	8.06	2.1	2.774	102.5
891	5/17/2009 19:46	13.48	49.332	32.23	8.68	7.92	3.2	2.778	101.7
892	5/17/2009 20:01	13.34	49.459	32.32	8.65	7.93	2.1	2.794	101.1
893	5/17/2009 20:16	13.37	49.419	32.29	8.64	7.93	2.3	2.778	101
894	5/17/2009 20:31	13.43	49.398	32.28	8.65	7.93	2.7	2.743	101.3
895	5/17/2009 20:46	13.9	48.915	31.94	8.58	8.05	4.2	2.711	101.2
896	5/17/2009 21:01	14.53	48.82	31.89	8.2	8.03	4.2	2.668	97.9
897	5/17/2009 21:16	14.14	48.98	32	8.37	7.93	3.7	2.617	99.3
898	5/17/2009 21:31	14.36	48.744	31.83	7.94	8	4	2.555	94.5
899	5/17/2009 21:46	14.26	48.696	31.79	8	8.01	4.3	2.488	95
900	5/17/2009 22:01	14.39	48.931	31.97	8.07	7.98	4.2	2.435	96.1
901	5/17/2009 22:16	14.46	48.924	31.96	8.13	7.98	4.1	2.373	97.1
902	5/17/2009 22:31	14.75	48.798	31.88	8.13	7.99	4.7	2.301	97.5
903	5/17/2009 22:46	15.12	48.517	31.68	8.2	8.01	4.3	2.251	99
904	5/17/2009 23:01	15.35	47.974	31.29	8.2	7.95	4.5	2.194	99.2
905	5/17/2009 23:16	15.35	48.038	31.34	8.14	8.02	4.5	2.139	98.5
906	5/17/2009 23:31	15.54	47.989	31.31	8.04	8.03	4.3	2.085	97.6
907	5/17/2009 23:46	15.67	47.761	31.15	8.02	8.03	4.5	2.042	97.6
908	5/18/2009 0:01	15.61	47.807	31.18	7.93	8.03	4.8	1.988	96.3
909	5/18/2009 0:16	15.74	48.423	31.63	7.84	7.95	5	1.955	95.8
910	5/18/2009 0:31	15.78	48.347	31.57	7.87	7.95	4.6	1.909	96.2
911	5/18/2009 0:46	15.85	48.345	31.57	7.83	7.96	4.8	1.872	95.9
912	5/18/2009 1:01	15.93	48.331	31.56	7.86	7.96	4.8	1.856	96.3
913	5/18/2009 1:16	15.93	47.683	31.09	7.73	8.02	3.8	1.839	94.5
914	5/18/2009 1:31	15.72	47.902	31.25	7.77	8.01	3.7	1.837	94.7
915	5/18/2009 1:46	15.95	47.775	31.16	7.88	7.96	4.2	1.838	96.4
916	5/18/2009 2:01	16.07	47.708	31.11	8.05	7.97	3.3	1.85	98.7
917	5/18/2009 2:16	15.91	47.671	31.08	7.94	8.03	4.8	1.867	97
918	5/18/2009 2:31	15.66	47.821	31.19	7.82	8	4.9	1.9	95.2
919	5/18/2009 2:46	15.72	47.854	31.21	7.91	8	4	1.927	96.4
920	5/18/2009 3:01	15.71	47.901	31.25	7.86	8	4.1	1.962	95.7
921	5/18/2009 3:16	15.7	47.851	31.21	7.87	8	4	2	95.9
922	5/18/2009 3:31	15.52	47.954	31.28	7.88	7.99	3.5	2.043	95.7
923	5/18/2009 3:46	15.6	47.98	31.3	7.86	8.01	4	2.086	95.5
924	5/18/2009 4:01	15.49	47.889	31.23	7.85	8.01	3.9	2.117	95.3
925	5/18/2009 4:16	15.21	48.195	31.45	7.87	7.99	3.1	2.159	95.1
926	5/18/2009 4:31	15.16	48.206	31.46	7.87	7.99	3.4	2.216	95
927	5/18/2009 4:46	15.01	48.392	31.59	7.95	8.02	3.1	2.242	95.7
928	5/18/2009 5:01	14.9	48.429	31.61	7.96	7.98	3.2	2.268	95.6
929	5/18/2009 5:16	14.82	48.507	31.67	7.96	7.98	3.1	2.336	95.5
930	5/18/2009 5:31	14.62	48.592	31.73	8	7.92	2.8	2.364	95.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
931	5/18/2009 5:46	14.53	48.699	31.8	8.01	7.92	3	2.386	95.6
932	5/18/2009 6:01	14.32	48.783	31.86	8.11	7.92	3.1	2.421	96.5
933	5/18/2009 6:16	13.93	48.921	31.95	8.35	8.05	2.4	2.462	98.6
934	5/18/2009 6:31	13.84	49.079	32.06	8.36	8.05	2.3	2.49	98.5
935	5/18/2009 6:46	13.76	49.267	32.19	8.36	7.93	2.4	2.487	98.5
936	5/18/2009 7:01	13.81	49.29	32.21	8.31	7.93	2.1	2.519	98
937	5/18/2009 7:16	13.81	48.895	31.92	8.34	8.04	1.8	2.529	98.3
938	5/18/2009 7:31	13.8	49.078	32.06	8.18	8.04	1.9	2.52	96.3
939	5/18/2009 7:46	13.92	49.162	32.12	8.24	7.92	2.3	2.5	97.3
940	5/18/2009 8:01	13.93	49.102	32.08	8.21	7.92	2.5	2.473	97
941	5/18/2009 8:16	14.18	48.721	31.81	8.04	8.02	2.8	2.44	95.3
942	5/18/2009 8:31	14.51	48.553	31.7	7.83	7.98	3.4	2.405	93.4
943	5/18/2009 8:46	14.61	48.344	31.55	7.75	8	3.8	2.336	92.5
944	5/18/2009 9:01	14.74	48.493	31.66	7.67	7.9	4.5	2.28	91.9
945	5/18/2009 9:16	14.91	48.257	31.49	7.44	7.94	4.7	2.218	89.4
946	5/18/2009 9:31	14.9	48.38	31.58	7.17	7.91	4.6	2.17	86.1
947	5/18/2009 9:46	15.06	48.335	31.55	7.61	7.95	4.3	2.095	91.7
948	5/18/2009 10:01	15.22	48.302	31.53	7.92	7.97	4.5	2.016	95.8
949	5/18/2009 10:16	15.48	48.139	31.42	7.96	7.99	5	1.963	96.6
950	5/18/2009 10:31	15.66	47.979	31.3	7.94	8.01	4.7	1.887	96.6
951	5/18/2009 10:46	15.9	48.095	31.39	8.14	7.97	5.5	1.834	99.6
952	5/18/2009 11:01	16.23	47.692	31.1	8.19	8.06	6.7	1.753	100.7
953	5/18/2009 11:16	16.37	47.969	31.31	8.41	8.01	6.8	1.69	103.8
954	5/18/2009 11:31	16.52	47.849	31.22	8.44	8.03	7	1.652	104.4
955	5/18/2009 11:46	16.64	47.834	31.21	8.62	8.1	7.8	1.579	106.9
956	5/18/2009 12:01	16.76	47.865	31.24	9.18	8.13	7.3	1.53	114.2
957	5/18/2009 12:16	16.76	47.919	31.28	9.01	8.13	5.9	1.497	112
958	5/18/2009 12:31	16.68	47.822	31.2	8.77	8.11	5.2	1.464	108.8
959	5/18/2009 12:46	16.69	47.883	31.25	8.56	8.11	4.2	1.438	106.3
960	5/18/2009 13:01	16.3	47.834	31.21	7.88	8.06	4.3	1.413	97.1
961	5/18/2009 13:16	16.92	47.775	31.17	8.62	8.1	5.9	1.421	107.5
962	5/18/2009 13:31	17	47.781	31.18	8.45	8.1	5	1.428	105.5
963	5/18/2009 13:46	17.39	47.543	31.01	8.33	8.12	5.9	1.441	104.7
964	5/18/2009 14:01	16.88	47.731	31.14	8.31	8.11	5	1.461	103.5
965	5/18/2009 14:16	16.42	47.664	31.09	8.05	8.07	4.8	1.502	99.3
966	5/18/2009 14:31	16.21	47.67	31.09	7.95	8.05	4.3	1.557	97.7
967	5/18/2009 14:46	16.54	47.776	31.17	8.1	8.06	6.2	1.583	100.3
968	5/18/2009 15:01	17.02	47.555	31.01	8.2	8.07	5.7	1.644	102.4
969	5/18/2009 15:16	16.69	47.629	31.06	8.04	8.06	5	1.71	99.7
970	5/18/2009 15:31	16.52	47.631	31.06	7.96	8.05	5	1.765	98.4
971	5/18/2009 15:46	15.98	47.863	31.22	7.7	8	4.6	1.819	94.3
972	5/18/2009 16:01	15.93	47.891	31.24	7.73	8.01	3.8	1.876	94.5
973	5/18/2009 16:16	15.65	48.003	31.32	7.85	8	3.7	1.963	95.5
974	5/18/2009 16:31	15.85	47.679	31.09	8.13	8.02	4.8	2.024	99.2
975	5/18/2009 16:46	16.05	48.058	31.37	8.27	8.03	4.3	2.088	101.5
976	5/18/2009 17:01	15.61	48.248	31.5	8.29	8.01	3.5	2.167	101
977	5/18/2009 17:16	15.01	48.633	31.77	8.3	7.94	3.6	2.237	100
978	5/18/2009 17:31	14.73	48.692	31.8	8.44	7.94	3.1	2.308	101.1
979	5/18/2009 17:46	14.28	48.831	31.89	8.44	8.05	3.7	2.373	100.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
980	5/18/2009 18:01	13.83	49.141	32.1	8.46	7.92	4.2	2.446	99.7
981	5/18/2009 18:16	13.8	49.203	32.15	8.52	8.06	3.8	2.507	100.4
982	5/18/2009 18:31	13.91	49.207	32.15	8.64	7.94	4.5	2.581	102.1
983	5/18/2009 18:46	13.77	49.146	32.11	8.76	7.95	4.2	2.637	103.2
984	5/18/2009 19:01	13.58	49.303	32.21	8.95	7.96	3.9	2.697	105
985	5/18/2009 19:16	13.55	49.31	32.22	9.05	8.1	3.5	2.758	106.1
986	5/18/2009 19:31	13.47	49.447	32.31	9.18	7.97	3.4	2.803	107.6
987	5/18/2009 19:46	13.28	49.615	32.43	9.3	7.98	2.7	2.846	108.7
988	5/18/2009 20:01	13.07	49.568	32.39	9.56	8	2.9	2.884	111.2
989	5/18/2009 20:16	13.02	49.587	32.4	9.64	8.15	2.7	2.907	112
990	5/18/2009 20:31	13.32	49.459	32.32	9.28	8.12	3.4	2.916	108.5
991	5/18/2009 20:46	13.09	49.616	32.42	9.41	7.99	3.4	2.916	109.6
992	5/18/2009 21:01	13.05	49.611	32.42	9.5	8.13	4.2	2.895	110.4
993	5/18/2009 21:16	13.14	49.555	32.38	9.4	8.13	2.7	2.862	109.5
994	5/18/2009 21:31	13.78	49.212	32.15	8.99	7.98	2.8	2.815	106
995	5/18/2009 21:46	14.02	49.166	32.13	8.62	7.96	3.7	2.75	102
996	5/18/2009 22:01	14.32	48.926	31.96	8.29	8.04	5.3	2.695	98.6
997	5/18/2009 22:16	14.45	48.957	31.99	8.64	7.97	4.4	2.615	103.1
998	5/18/2009 22:31	14.41	48.696	31.8	8.64	8.07	4.5	2.54	102.9
999	5/18/2009 22:46	14.43	48.787	31.86	8.52	8.03	3.9	2.481	101.6
1000	5/18/2009 23:01	14.82	48.666	31.79	8.22	8.04	4.2	2.395	98.7
1001	5/18/2009 23:16	14.98	48.557	31.71	8.01	7.93	4	2.33	96.5
1002	5/18/2009 23:31	15.05	48.598	31.74	8	7.99	4.6	2.26	96.5
1003	5/18/2009 23:46	15.21	48.437	31.63	7.92	8	4.4	2.186	95.7
1004	5/19/2009 0:01	15.38	48.278	31.52	7.89	8.01	4.5	2.111	95.6
1005	5/19/2009 0:16	15.47	48.34	31.56	7.94	8.02	5.1	2.047	96.4
1006	5/19/2009 0:31	15.73	48.141	31.42	7.94	8.03	5	1.977	96.9
1007	5/19/2009 0:46	15.77	48.167	31.44	7.98	8.04	5.4	1.894	97.4
1008	5/19/2009 1:01	15.97	48.062	31.37	7.96	8.05	5.7	1.849	97.5
1009	5/19/2009 1:16	16.12	48.015	31.34	8	8.06	5.9	1.777	98.3
1010	5/19/2009 1:31	16.11	48.044	31.36	8.06	8.07	6.5	1.722	99.1
1011	5/19/2009 1:46	16.31	47.794	31.18	8.09	8.1	6.8	1.69	99.7
1012	5/19/2009 2:01	16.33	47.661	31.08	8.08	8.1	5.8	1.664	99.5
1013	5/19/2009 2:16	16.34	47.887	31.25	8.05	8.1	5.9	1.652	99.2
1014	5/19/2009 2:31	16.22	47.93	31.28	7.92	8.01	7	1.633	97.5
1015	5/19/2009 2:46	16.02	48.088	31.39	7.91	8.05	7	1.646	97.1
1016	5/19/2009 3:01	16.34	47.548	31	8.21	8.1	4.6	1.669	101.1
1017	5/19/2009 3:16	16.3	47.917	31.27	8.12	8.08	5.2	1.694	100.2
1018	5/19/2009 3:31	16.12	47.652	31.07	7.98	8.06	6.2	1.724	97.9
1019	5/19/2009 3:46	16.02	47.964	31.3	7.91	8.04	5.6	1.774	96.9
1020	5/19/2009 4:01	15.88	47.751	31.14	7.83	8.04	7.3	1.827	95.7
1021	5/19/2009 4:16	15.93	47.749	31.14	7.8	8.04	7.3	1.859	95.4
1022	5/19/2009 4:31	15.77	47.724	31.12	7.75	8.03	6.1	1.915	94.5
1023	5/19/2009 4:46	15.66	47.987	31.31	7.73	8.02	5.1	1.977	94.1
1024	5/19/2009 5:01	15.54	48.113	31.4	7.72	8.04	3.7	2.021	93.8
1025	5/19/2009 5:16	15.48	48.05	31.35	7.72	7.95	4.4	2.078	93.6
1026	5/19/2009 5:31	15.47	48.092	31.38	7.73	8.01	4.1	2.117	93.8
1027	5/19/2009 5:46	15.03	48.417	31.61	7.79	8.03	3.5	2.171	93.9
1028	5/19/2009 6:01	14.8	48.614	31.75	7.93	7.93	3.2	2.226	95.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1029	5/19/2009 6:16	15.03	48.438	31.62	7.85	7.94	3.2	2.261	94.5
1030	5/19/2009 6:31	14.79	48.609	31.74	7.97	7.94	2.9	2.31	95.6
1031	5/19/2009 6:46	14.49	48.859	31.92	8.08	7.93	3	2.354	96.5
1032	5/19/2009 7:01	14.39	48.912	31.95	8.14	8.05	2.9	2.396	97
1033	5/19/2009 7:16	14.25	48.948	31.98	8.24	7.94	2.7	2.43	97.9
1034	5/19/2009 7:31	14.26	48.84	31.9	8.23	8.06	2.6	2.462	97.7
1035	5/19/2009 7:46	14.21	48.872	31.92	8.23	8.06	2.7	2.498	97.7
1036	5/19/2009 8:01	14.11	48.765	31.84	8.28	8.06	2.3	2.527	98.1
1037	5/19/2009 8:16	14.07	48.919	31.95	8.29	8.06	2.4	2.528	98.2
1038	5/19/2009 8:31	14.04	49.058	32.05	8.19	7.94	2.3	2.538	97
1039	5/19/2009 8:46	13.93	49.049	32.04	8.18	8.06	1.6	2.544	96.6
1040	5/19/2009 9:01	13.94	48.967	31.98	8.26	8.06	2.1	2.526	97.5
1041	5/19/2009 9:16	14.01	49.074	32.06	8.22	7.94	2.3	2.5	97.2
1042	5/19/2009 9:31	14.2	48.954	31.98	8.21	8.05	2.6	2.46	97.5
1043	5/19/2009 9:46	14.48	48.707	31.81	8.25	8.06	3.2	2.415	98.4
1044	5/19/2009 10:01	14.81	48.714	31.82	8.54	7.98	4.2	2.362	102.5
1045	5/19/2009 10:16	14.95	48.581	31.73	8.76	7.99	4.2	2.304	105.4
1046	5/19/2009 10:31	15.1	48.484	31.66	8.8	8.1	5.3	2.242	106.2
1047	5/19/2009 10:46	15.26	48.682	31.81	9.07	8.08	5.4	2.175	109.9
1048	5/19/2009 11:01	15.45	48.549	31.71	9.21	8.1	6.3	2.107	111.9
1049	5/19/2009 11:16	15.65	48.58	31.74	9.26	8.1	6.8	2.04	113
1050	5/19/2009 11:31	15.79	48.489	31.68	8.94	8.09	8.5	1.962	109.4
1051	5/19/2009 11:46	16.11	48.395	31.61	9.36	8.14	6.8	1.9	115.2
1052	5/19/2009 12:01	16.14	47.898	31.25	8.97	8.11	7.7	1.831	110.2
1053	5/19/2009 12:16	16.35	48.385	31.61	9.15	8.07	7.1	1.779	113.1
1054	5/19/2009 12:31	16.57	48.178	31.46	9.09	8.08	8	1.715	112.8
1055	5/19/2009 12:46	16.79	48.088	31.4	9.22	8.17	7.4	1.66	114.8
1056	5/19/2009 13:01	16.95	48.193	31.48	9.25	8.12	7.6	1.622	115.6
1057	5/19/2009 13:16	17.15	48.192	31.48	9.3	8.19	7.3	1.593	116.7
1058	5/19/2009 13:31	17.19	47.842	31.22	9.18	8.2	6.5	1.566	115.1
1059	5/19/2009 13:46	17.09	48.01	31.35	9.02	8.19	7	1.537	113
1060	5/19/2009 14:01	16.5	48.005	31.34	8.35	8.09	4.5	1.549	103.4
1061	5/19/2009 14:16	17.14	48.098	31.41	9.07	8.11	5.6	1.558	113.7
1062	5/19/2009 14:31	17.07	48.162	31.46	9.16	8.11	5.5	1.57	114.7
1063	5/19/2009 14:46	17.01	47.918	31.28	8.81	8.15	5.2	1.595	110.1
1064	5/19/2009 15:01	16.95	48.015	31.35	8.74	8.07	5.3	1.629	109.1
1065	5/19/2009 15:16	16.71	48.101	31.41	8.59	8.05	4.9	1.682	106.9
1066	5/19/2009 15:31	16.7	48.046	31.37	8.61	8.12	5.3	1.713	107
1067	5/19/2009 15:46	16.7	48.014	31.34	8.59	8.05	6	1.773	106.8
1068	5/19/2009 16:01	16.7	47.912	31.27	8.66	8.12	5.5	1.832	107.6
1069	5/19/2009 16:16	16.7	48.022	31.35	8.55	8.04	5.3	1.891	106.3
1070	5/19/2009 16:31	16.71	48.033	31.36	8.53	8.03	5	1.96	106.1
1071	5/19/2009 16:46	16.47	48.092	31.4	8.48	8.07	4.8	2.015	105
1072	5/19/2009 17:01	16.49	47.954	31.3	8.42	8.07	4.6	2.101	104.2
1073	5/19/2009 17:16	16.11	48.144	31.43	8.27	8.05	4.5	2.169	101.7
1074	5/19/2009 17:31	16.2	47.812	31.19	8.52	8.07	4.3	2.24	104.8
1075	5/19/2009 17:46	16.03	48.287	31.53	8.57	8.06	4.5	2.307	105.3
1076	5/19/2009 18:01	15.62	48.466	31.66	8.61	8.09	4.3	2.385	104.9
1077	5/19/2009 18:16	15.13	48.809	31.9	8.68	7.98	3.8	2.461	104.9

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1078	5/19/2009 18:31	14.99	48.804	31.89	8.74	7.98	3.7	2.53	105.3
1079	5/19/2009 18:46	14.24	49.127	32.11	8.78	7.96	3.3	2.604	104.4
1080	5/19/2009 19:01	13.84	49.122	32.09	8.68	7.95	4.5	2.677	102.3
1081	5/19/2009 19:16	13.83	49.214	32.16	8.75	8.1	5.1	2.746	103.2
1082	5/19/2009 19:31	13.75	49.25	32.18	8.88	7.97	5.3	2.817	104.6
1083	5/19/2009 19:46	13.58	49.5	32.36	9.05	7.98	4.4	2.873	106.3
1084	5/19/2009 20:01	13.42	49.378	32.26	9.16	7.99	3.9	2.936	107.3
1085	5/19/2009 20:16	13.25	49.657	32.46	9.2	7.99	3.8	2.995	107.5
1086	5/19/2009 20:31	13.04	49.806	32.56	9.29	8	3.6	3.037	108.1
1087	5/19/2009 20:46	12.94	49.842	32.58	9.23	8.12	3.2	3.061	107.2
1088	5/19/2009 21:01	12.87	49.906	32.63	9.2	8.12	2.9	3.082	106.7
1089	5/19/2009 21:16	12.93	49.672	32.46	9.13	8	3.1	3.092	105.9
1090	5/19/2009 21:31	12.92	49.739	32.51	9.14	8.14	3	3.074	106.1
1091	5/19/2009 21:46	13.15	49.736	32.51	9.05	7.99	4.5	3.025	105.6
1092	5/19/2009 22:01	13.09	49.698	32.48	9.08	8	8.3	2.987	105.7
1093	5/19/2009 22:16	13.21	49.551	32.38	8.98	8.14	10.4	2.93	104.7
1094	5/19/2009 22:31	13.26	49.616	32.43	8.94	8	10.1	2.846	104.4
1095	5/19/2009 22:46	13.51	49.425	32.3	8.85	7.99	9.1	2.753	103.8
1096	5/19/2009 23:01	13.58	49.639	32.46	8.83	8.12	9.5	2.68	103.8
1097	5/19/2009 23:16	13.41	49.957	32.68	8.75	7.98	8.7	2.584	102.7
1098	5/19/2009 23:31	13.56	49.738	32.53	8.63	8.11	8	2.498	101.5
1099	5/19/2009 23:46	13.89	49.562	32.41	8.6	7.98	7.9	2.407	101.8
1100	5/20/2009 0:01	14.67	49.121	32.11	8.34	7.98	9	2.319	100.1
1101	5/20/2009 0:16	14.74	49.094	32.1	8.24	7.98	8.5	2.234	99
1102	5/20/2009 0:31	15.09	48.967	32.01	8.16	7.99	10	2.134	98.7
1103	5/20/2009 0:46	15.39	48.725	31.84	8.1	8	10.2	2.052	98.5
1104	5/20/2009 1:01	15.57	48.744	31.86	8.05	8.01	9.7	1.958	98.2
1105	5/20/2009 1:16	15.43	48.828	31.92	7.9	8.01	11.5	1.87	96.1
1106	5/20/2009 1:31	15.77	48.551	31.72	7.89	8.09	12.5	1.772	96.6
1107	5/20/2009 1:46	16.08	48.353	31.58	7.82	8.12	13.7	1.697	96.2
1108	5/20/2009 2:01	16.2	48.143	31.43	7.78	8.13	13.8	1.609	95.8
1109	5/20/2009 2:16	16.37	47.899	31.26	7.74	8.14	13.7	1.537	95.6
1110	5/20/2009 2:31	16.44	47.827	31.21	7.68	8.14	13.3	1.494	94.8
1111	5/20/2009 2:46	16.48	47.833	31.21	7.65	8.13	12.5	1.442	94.6
1112	5/20/2009 3:01	16.55	47.758	31.16	7.6	8.13	11.7	1.411	94
1113	5/20/2009 3:16	16.55	47.903	31.26	7.52	8.12	11.2	1.4	93.1
1114	5/20/2009 3:31	16.49	47.631	31.06	7.59	8.13	11	1.406	93.8
1115	5/20/2009 3:46	16.35	47.866	31.23	7.56	8.13	11.4	1.426	93.2
1116	5/20/2009 4:01	16.23	48.029	31.35	7.53	8.09	11.7	1.458	92.8
1117	5/20/2009 4:16	16.22	47.783	31.17	7.55	8.11	12	1.487	92.9
1118	5/20/2009 4:31	16.17	47.953	31.29	7.51	8.1	12.9	1.544	92.4
1119	5/20/2009 4:46	16.16	47.873	31.23	7.51	8.1	12.5	1.607	92.4
1120	5/20/2009 5:01	16.18	47.71	31.12	7.47	8.11	12	1.66	91.7
1121	5/20/2009 5:16	16.13	47.84	31.21	7.51	8.09	12	1.715	92.2
1122	5/20/2009 5:31	16.1	47.934	31.28	7.51	8.08	11.1	1.777	92.3
1123	5/20/2009 5:46	16.05	48.137	31.42	7.51	8.08	13.4	1.842	92.1
1124	5/20/2009 6:01	15.74	48.361	31.58	7.53	8.1	13	1.895	92
1125	5/20/2009 6:16	15.6	48.1	31.39	7.56	8	10.8	1.944	92
1126	5/20/2009 6:31	15.24	48.159	31.43	7.65	8.08	8.2	2.02	92.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1127	5/20/2009 6:46	14.94	48.668	31.79	7.77	7.95	6.6	2.082	93.5
1128	5/20/2009 7:01	14.85	48.585	31.73	7.82	7.95	6.5	2.128	94
1129	5/20/2009 7:16	14.78	48.675	31.79	7.86	7.96	5.9	2.196	94.4
1130	5/20/2009 7:31	14.61	48.722	31.82	7.96	7.95	6.1	2.25	95.2
1131	5/20/2009 7:46	14.47	48.689	31.79	8.05	8.08	5.9	2.308	96
1132	5/20/2009 8:01	14.38	48.954	31.98	8.09	7.96	5.4	2.365	96.5
1133	5/20/2009 8:16	14.25	48.971	31.99	8.13	8.08	5.4	2.412	96.6
1134	5/20/2009 8:31	14.13	49.098	32.08	8.19	7.96	4.9	2.459	97.1
1135	5/20/2009 8:46	14.04	49.132	32.1	8.2	8.07	4.6	2.497	97.1
1136	5/20/2009 9:01	13.96	49.092	32.07	8.26	7.96	4.4	2.537	97.6
1137	5/20/2009 9:16	13.87	49.15	32.11	8.27	7.96	3.8	2.562	97.6
1138	5/20/2009 9:31	13.81	49.212	32.15	8.3	8.08	3.8	2.592	97.9
1139	5/20/2009 9:46	13.77	49.086	32.06	8.29	7.96	3.4	2.606	97.6
1140	5/20/2009 10:01	13.81	49.09	32.07	8.15	7.96	2.9	2.596	96.1
1141	5/20/2009 10:16	13.74	49.031	32.02	8.22	7.96	3.5	2.585	96.7
1142	5/20/2009 10:31	13.82	49.07	32.05	8.15	7.95	3.6	2.56	96.1
1143	5/20/2009 10:46	14.08	49.074	32.06	8.28	7.97	4.6	2.509	98.1
1144	5/20/2009 11:01	14.17	48.955	31.98	8.26	8.09	4.8	2.463	98
1145	5/20/2009 11:16	15.12	48.642	31.77	8.34	8.12	6	2.392	100.8
1146	5/20/2009 11:31	14.75	48.919	31.97	8.36	7.99	7.3	2.324	100.4
1147	5/20/2009 11:46	14.94	48.852	31.92	8.45	7.99	6.9	2.257	101.8
1148	5/20/2009 12:01	15.64	48.678	31.81	9.03	8.14	7.2	2.174	110.2
1149	5/20/2009 12:16	16.06	48.69	31.83	9.7	8.15	6.5	2.111	119.4
1150	5/20/2009 12:31	16.18	48.7	31.84	9.7	8.14	6.5	2.038	119.7
1151	5/20/2009 12:46	16.22	48.547	31.73	9.25	8.13	6.7	1.955	114.1
1152	5/20/2009 13:01	16.71	48.491	31.69	9.95	8.18	6.3	1.899	123.9
1153	5/20/2009 13:16	16.73	48.37	31.6	9.5	8.18	7.3	1.834	118.3
1154	5/20/2009 13:31	17.17	48.431	31.65	9.8	8.2	6.4	1.766	123.2
1155	5/20/2009 13:46	17.13	48.385	31.62	9.64	8.13	6.8	1.723	121
1156	5/20/2009 14:01	17.1	48.357	31.6	9.38	8.12	6.3	1.687	117.7
1157	5/20/2009 14:16	16.83	48.296	31.55	8.62	8.13	5.3	1.65	107.5
1158	5/20/2009 14:31	16.78	48.3	31.55	8.48	8.11	5	1.618	105.7
1159	5/20/2009 14:46	16.63	48.342	31.58	8.88	8.13	6.2	1.634	110.3
1160	5/20/2009 15:01	16.68	48.204	31.48	8.77	8.13	6.3	1.631	109.1
1161	5/20/2009 15:16	16.74	48.291	31.55	9.11	8.14	5.7	1.642	113.5
1162	5/20/2009 15:31	17.04	48.314	31.57	9.09	8.09	5.6	1.673	113.9
1163	5/20/2009 15:46	16.86	48.31	31.56	8.97	8.13	5.7	1.711	112
1164	5/20/2009 16:01	16.69	48.362	31.6	8.94	8.12	5.5	1.766	111.3
1165	5/20/2009 16:16	16.49	48.219	31.49	8.78	8.12	5.9	1.808	108.8
1166	5/20/2009 16:31	17.08	48.198	31.48	8.94	8.15	5.9	1.871	112
1167	5/20/2009 16:46	17.13	48.218	31.5	8.78	8.12	6.1	1.935	110.2
1168	5/20/2009 17:01	16.8	48.332	31.58	8.82	8.11	5.8	2	109.9
1169	5/20/2009 17:16	15.84	48.465	31.66	8.31	8.01	5.5	2.069	101.7
1170	5/20/2009 17:31	16.28	48.425	31.64	8.59	8.09	5.4	2.137	106
1171	5/20/2009 17:46	15.62	48.654	31.79	8.54	8	5.1	2.213	104.3
1172	5/20/2009 18:01	15.42	48.836	31.92	8.55	7.99	4.9	2.275	103.9
1173	5/20/2009 18:16	15.21	48.852	31.93	8.62	7.99	5.2	2.353	104.4
1174	5/20/2009 18:31	14.53	49.157	32.14	8.54	7.98	5.7	2.434	102.1
1175	5/20/2009 18:46	14.22	49.185	32.15	8.6	7.98	6.8	2.508	102.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1176	5/20/2009 19:01	13.95	49.114	32.09	8.64	7.97	7	2.591	102.2
1177	5/20/2009 19:16	13.92	49.423	32.31	8.8	7.99	8.5	2.666	104
1178	5/20/2009 19:31	13.56	49.506	32.36	8.94	7.99	8.7	2.744	105.1
1179	5/20/2009 19:46	13.52	49.469	32.33	9.06	8	8.1	2.824	106.3
1180	5/20/2009 20:01	13.41	49.703	32.5	9.36	8.02	8.5	2.901	109.7
1181	5/20/2009 20:16	13.06	50.272	32.9	9.42	8.02	8.8	2.983	109.9
1182	5/20/2009 20:31	12.85	49.818	32.56	9.36	8.02	8.5	3.053	108.5
1183	5/20/2009 20:46	12.61	50.329	32.92	9.28	8.01	7	3.107	107.3
1184	5/20/2009 21:01	12.18	50.505	33.03	9.22	8	6.2	3.163	105.7
1185	5/20/2009 21:16	12.21	50.264	32.86	9.15	8	4.6	3.205	104.8
1186	5/20/2009 21:31	12.04	50.37	32.93	9.1	8	5	3.225	103.9
1187	5/20/2009 21:46	12.16	50.307	32.89	9.09	8	3.9	3.225	104
1188	5/20/2009 22:01	11.96	50.431	32.97	8.98	8.1	4.3	3.22	102.4
1189	5/20/2009 22:16	11.97	50.425	32.96	9.02	8.11	4.3	3.185	102.9
1190	5/20/2009 22:31	13.04	49.797	32.55	8.83	8	5	3.136	102.7
1191	5/20/2009 22:46	13.5	49.494	32.35	8.76	7.99	6.1	3.06	102.8
1192	5/20/2009 23:01	13.55	49.424	32.3	8.75	7.99	5.1	2.982	102.7
1193	5/20/2009 23:16	13.96	49.311	32.23	8.59	7.99	5.1	2.899	101.7
1194	5/20/2009 23:31	14.25	49.26	32.2	8.73	8.01	6	2.802	103.9
1195	5/20/2009 23:46	14.1	49.344	32.26	8.77	8.01	6	2.696	104.2
1196	5/21/2009 0:01	14.28	49.265	32.21	8.68	8	5.1	2.607	103.3
1197	5/21/2009 0:16	14.57	49.075	32.08	8.53	8	5.9	2.501	102.1
1198	5/21/2009 0:31	14.69	48.813	31.89	8.49	8.12	6.5	2.406	101.8
1199	5/21/2009 0:46	14.61	49.096	32.09	8.19	7.97	4.6	2.296	98.2
1200	5/21/2009 1:01	15.07	48.85	31.93	8.25	7.99	6	2.196	99.6
1201	5/21/2009 1:16	15.28	48.759	31.86	8.21	8	5.9	2.085	99.6
1202	5/21/2009 1:31	15.36	48.616	31.76	8.31	8.01	6.8	1.975	100.9
1203	5/21/2009 1:46	15.77	48.246	31.5	8.44	8.1	7.3	1.857	103.1
1204	5/21/2009 2:01	15.84	48.563	31.73	8.46	8.1	7.6	1.753	103.6
1205	5/21/2009 2:16	16.07	48.294	31.54	8.6	8.14	7.8	1.646	105.8
1206	5/21/2009 2:31	16.07	48.412	31.62	8.57	8.13	7.1	1.534	105.4
1207	5/21/2009 2:46	16.29	48.231	31.5	8.58	8.14	6.8	1.433	105.9
1208	5/21/2009 3:01	16.49	48.227	31.5	8.66	8.16	6.8	1.344	107.4
1209	5/21/2009 3:16	16.59	47.95	31.3	8.69	8.17	6.9	1.271	107.8
1210	5/21/2009 3:31	16.7	48.03	31.36	8.72	8.17	6.6	1.213	108.3
1211	5/21/2009 3:46	16.79	48.041	31.36	8.75	8.18	6.3	1.171	109
1212	5/21/2009 4:01	16.84	48.026	31.35	8.67	8.18	5.6	1.141	108
1213	5/21/2009 4:16	16.79	47.943	31.29	8.77	8.18	5.3	1.16	109.2
1214	5/21/2009 4:31	16.75	48.137	31.43	8.75	8.17	5.9	1.179	108.9
1215	5/21/2009 4:46	16.65	48.03	31.35	8.67	8.16	5.2	1.194	107.6
1216	5/21/2009 5:01	16.61	48.165	31.45	8.65	8.15	5.4	1.254	107.3
1217	5/21/2009 5:16	16.55	48.175	31.46	8.64	8.16	5.6	1.325	107.1
1218	5/21/2009 5:31	16.53	48.113	31.41	8.45	8.14	6.8	1.379	104.8
1219	5/21/2009 5:46	16.56	47.841	31.22	8.32	8.13	6.7	1.441	103
1220	5/21/2009 6:01	16.52	47.802	31.19	8.3	8.12	6.8	1.509	102.7
1221	5/21/2009 6:16	16.47	47.905	31.26	8.21	8.11	6.1	1.593	101.5
1222	5/21/2009 6:31	16.4	47.869	31.24	8.17	8.12	6.3	1.662	100.9
1223	5/21/2009 6:46	16.25	48.051	31.37	8.12	8.1	6.6	1.73	100.1
1224	5/21/2009 7:01	15.97	48.738	31.86	8.06	8.02	6.7	1.808	99.1

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1225	5/21/2009 7:16	15.9	48.44	31.64	8.03	8.12	10	1.899	98.4
1226	5/21/2009 7:31	15.43	48.852	31.93	8	7.99	6.5	1.963	97.3
1227	5/21/2009 7:46	15.22	49.1	32.11	8.02	7.98	5.7	2.032	97.3
1228	5/21/2009 8:01	15.04	49.146	32.14	8.11	8.09	5.2	2.12	98
1229	5/21/2009 8:16	14.99	49.295	32.25	8.13	7.98	5.1	2.194	98.3
1230	5/21/2009 8:31	14.94	49.35	32.29	8.15	7.97	5.3	2.253	98.3
1231	5/21/2009 8:46	14.78	49.444	32.35	8.18	7.97	5.2	2.33	98.5
1232	5/21/2009 9:01	14.6	49.367	32.29	8.23	7.97	4.9	2.387	98.7
1233	5/21/2009 9:16	14.53	49.406	32.32	8.26	7.97	5.6	2.445	98.9
1234	5/21/2009 9:31	14.3	49.416	32.32	8.33	8.11	5.1	2.501	99.3
1235	5/21/2009 9:46	14.12	49.176	32.14	8.41	8.11	5.6	2.55	99.8
1236	5/21/2009 10:01	14.03	49.669	32.49	8.4	7.98	4.8	2.591	99.7
1237	5/21/2009 10:16	13.9	49.781	32.57	8.43	7.98	4.1	2.621	99.9
1238	5/21/2009 10:31	13.81	49.849	32.62	8.46	7.98	3.5	2.657	100
1239	5/21/2009 10:46	13.79	49.144	32.1	8.44	7.98	3.3	2.667	99.4
1240	5/21/2009 11:01	13.9	49.932	32.68	8.32	7.97	3.2	2.665	98.7
1241	5/21/2009 11:16	13.81	49.688	32.5	8.3	7.97	2.9	2.649	98.1
1242	5/21/2009 11:31	13.85	49.869	32.63	8.3	7.97	3.1	2.62	98.2
1243	5/21/2009 11:46	14.02	49.851	32.63	8.32	8.09	4.5	2.574	98.8
1244	5/21/2009 12:01	14.5	49.377	32.3	8.52	8.13	5.1	2.506	101.9
1245	5/21/2009 12:16	14.9	49.672	32.52	8.73	8.02	6.1	2.436	105.5
1246	5/21/2009 12:31	15.14	49.549	32.44	8.8	8.03	6.5	2.378	106.8
1247	5/21/2009 12:46	15.42	49.442	32.36	8.88	8.14	13	2.292	108.2
1248	5/21/2009 13:01	15.62	49.439	32.37	9.26	8.06	18.2	2.221	113.4
1249	5/21/2009 13:16	16	49.431	32.37	9.61	8.15	21.1	2.149	118.5
1250	5/21/2009 13:31	16.2	49.346	32.31	9.69	8.15	15.9	2.091	120
1251	5/21/2009 13:46	16.44	49.267	32.25	10.05	8.19	9.4	2.027	125
1252	5/21/2009 14:01	16.75	49.386	32.35	10.38	8.21	12.1	1.952	129.9
1253	5/21/2009 14:16	16.94	49.217	32.22	10.26	8.2	21.9	1.895	128.8
1254	5/21/2009 14:31	17.26	49.019	32.08	10.47	8.24	16.7	1.838	132.1
1255	5/21/2009 14:46	17.47	49.189	32.21	10.5	8.19	12.9	1.795	133.2
1256	5/21/2009 15:01	17.31	48.953	32.03	10.08	8.22	13.4	1.743	127.3
1257	5/21/2009 15:16	17.34	48.364	31.61	10.17	8.19	10.1	1.722	128.2
1258	5/21/2009 15:31	17.31	48.279	31.54	9.89	8.23	13	1.726	124.6
1259	5/21/2009 15:46	16.98	48.422	31.64	9.79	8.18	14.5	1.711	122.5
1260	5/21/2009 16:01	16.84	48.353	31.59	9.51	8.17	14.5	1.717	118.7
1261	5/21/2009 16:16	17.1	48.414	31.64	9.94	8.21	18.6	1.743	124.7
1262	5/21/2009 16:31	17.27	48.42	31.65	9.9	8.2	13.8	1.782	124.7
1263	5/21/2009 16:46	17.08	48.236	31.51	9.73	8.19	12.3	1.826	122
1264	5/21/2009 17:01	16.91	48.831	31.94	9.55	8.17	11.3	1.885	119.6
1265	5/21/2009 17:16	16.71	48.94	32.02	9.35	8.15	12.1	1.947	116.8
1266	5/21/2009 17:31	16.85	48.836	31.94	9.38	8.16	10.6	2.029	117.4
1267	5/21/2009 17:46	16.42	49.022	32.07	9.1	8.12	4.5	2.094	113
1268	5/21/2009 18:01	16.16	49.187	32.19	8.96	8.05	4.9	2.162	110.7
1269	5/21/2009 18:16	15.83	49.257	32.24	8.89	8.14	5	2.248	109.3
1270	5/21/2009 18:31	15.55	49.375	32.32	8.76	8.02	5.4	2.322	107
1271	5/21/2009 18:46	15.1	49.338	32.28	8.69	8.12	6.3	2.394	105.2
1272	5/21/2009 19:01	14.6	49.284	32.23	8.65	7.99	5.1	2.478	103.7
1273	5/21/2009 19:16	14.41	49.412	32.32	8.7	8.12	6.3	2.559	104

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depthn meters	DO%
1274	5/21/2009 19:31	14.03	49.379	32.28	8.69	8.12	7.1	2.641	103
1275	5/21/2009 19:46	13.92	49.765	32.56	8.71	7.98	7.7	2.725	103.1
1276	5/21/2009 20:01	13.51	49.973	32.7	8.86	7.98	9.8	2.809	104.2
1277	5/21/2009 20:16	13.34	50.125	32.8	9.06	7.99	9.8	2.899	106.2
1278	5/21/2009 20:31	13.14	49.912	32.64	9.3	8	9.5	2.981	108.5
1279	5/21/2009 20:46	12.74	50.165	32.81	9.36	7.99	10.8	3.064	108.3
1280	5/21/2009 21:01	12.47	49.996	32.67	9.39	7.99	9.6	3.137	108
1281	5/21/2009 21:16	12.02	50.289	32.87	9.37	7.97	9.2	3.207	107
1282	5/21/2009 21:31	11.68	50.563	33.05	9.34	7.96	6.7	3.272	105.9
1283	5/21/2009 21:46	11.47	50.344	32.88	9.35	7.96	7	3.316	105.4
1284	5/21/2009 22:01	11.44	50.597	33.06	9.3	7.95	4.7	3.346	105
1285	5/21/2009 22:16	11.59	50.61	33.08	9.25	7.95	4.6	3.353	104.8
1286	5/21/2009 22:31	11.41	50.625	33.08	9.21	7.95	4.4	3.365	103.9
1287	5/21/2009 22:46	11.42	50.595	33.06	9.23	7.95	4.5	3.326	104.1
1288	5/21/2009 23:01	12.2	50.271	32.86	9.05	8.07	6.7	3.27	103.7
1289	5/21/2009 23:16	12.28	50.144	32.77	9.02	7.97	5.4	3.206	103.4
1290	5/21/2009 23:31	12.42	50.078	32.73	8.96	7.96	5.4	3.114	103
1291	5/21/2009 23:46	13.02	49.925	32.65	8.78	7.97	6	3.03	102.2
1292	5/22/2009 0:01	13.69	49.767	32.55	8.66	7.99	6.2	2.924	102.1
1293	5/22/2009 0:16	13.9	49.612	32.45	8.73	8	6.4	2.809	103.3
1294	5/22/2009 0:31	14.11	49.288	32.22	8.65	8	8.3	2.696	102.7
1295	5/22/2009 0:46	14.39	49.411	32.32	8.57	8	6.7	2.585	102.4
1296	5/22/2009 1:01	14.76	49.082	32.09	8.5	8.01	6.8	2.469	102.1
1297	5/22/2009 1:16	14.82	49.026	32.05	8.41	8.01	6.5	2.348	101.2
1298	5/22/2009 1:31	15.01	49.029	32.05	8.35	8.01	7.6	2.232	100.8
1299	5/22/2009 1:46	15.04	48.944	31.99	8.41	8.13	6.8	2.125	101.6
1300	5/22/2009 2:01	15.29	48.954	32.01	8.49	8.03	7.6	1.987	103.1
1301	5/22/2009 2:16	15.43	48.645	31.78	8.56	8.05	7.8	1.866	104
1302	5/22/2009 2:31	15.76	48.758	31.87	8.5	8.09	8.1	1.719	104
1303	5/22/2009 2:46	15.66	48.673	31.81	8.5	8.17	8.8	1.588	103.8
1304	5/22/2009 3:01	16	48.392	31.61	8.55	8.19	9.1	1.466	105
1305	5/22/2009 3:16	16.28	48.565	31.74	8.62	8.17	9.8	1.334	106.5
1306	5/22/2009 3:31	16.49	48.273	31.53	8.7	8.19	11.2	1.219	107.8
1307	5/22/2009 3:46	16.68	48.432	31.65	8.79	8.21	10.8	1.088	109.4
1308	5/22/2009 4:01	16.86	48.1	31.41	8.79	8.23	10.5	1.009	109.6
1309	5/22/2009 4:16	16.99	48.283	31.54	8.72	8.24	9.2	0.954	109.1
1310	5/22/2009 4:31	17.01	48.257	31.52	8.67	8.24	9.2	0.882	108.6
1311	5/22/2009 4:46	17.05	48.343	31.59	8.56	8.23	8.8	0.868	107.3
1312	5/22/2009 5:01	17	48.325	31.57	8.5	8.23	8.2	0.876	106.3
1313	5/22/2009 5:16	16.98	48.151	31.45	8.62	8.23	8	0.88	107.8
1314	5/22/2009 5:31	16.92	48.513	31.71	8.59	8.22	7.3	0.939	107.5
1315	5/22/2009 5:46	16.9	48.247	31.52	8.64	8.22	7.5	0.994	107.9
1316	5/22/2009 6:01	16.87	48.307	31.56	8.69	8.22	6.7	1.064	108.5
1317	5/22/2009 6:16	16.85	48.397	31.62	8.55	8.21	7.2	1.148	106.8
1318	5/22/2009 6:31	16.85	48.108	31.41	8.37	8.2	8.2	1.217	104.4
1319	5/22/2009 6:46	16.82	48.018	31.35	8.41	8.19	9	1.284	104.7
1320	5/22/2009 7:01	16.78	47.946	31.3	8.32	8.19	8.1	1.365	103.5
1321	5/22/2009 7:16	16.73	48.209	31.49	8.29	8.17	7.9	1.464	103.2
1322	5/22/2009 7:31	16.63	48.166	31.45	8.28	8.2	7.9	1.539	102.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1323	5/22/2009 7:46	16.28	48.335	31.57	8.18	8.17	9.8	1.629	101
1324	5/22/2009 8:01	16.07	48.519	31.7	8.1	8.05	9.2	1.719	99.6
1325	5/22/2009 8:16	15.91	48.585	31.75	8.08	8.14	7.8	1.823	99.1
1326	5/22/2009 8:31	15.64	48.62	31.77	8.09	8.13	8.9	1.917	98.8
1327	5/22/2009 8:46	15.38	48.979	32.03	8.13	8	7.2	2.002	98.9
1328	5/22/2009 9:01	15.31	48.874	31.95	8.14	8	7.1	2.094	98.8
1329	5/22/2009 9:16	15.12	49.023	32.05	8.16	8	8	2.18	98.7
1330	5/22/2009 9:31	14.93	48.734	31.84	8.13	8.11	7.9	2.253	97.9
1331	5/22/2009 9:46	14.81	49.076	32.08	8.17	7.99	7.5	2.327	98.3
1332	5/22/2009 10:01	14.54	48.875	31.93	8.23	8.11	8.1	2.4	98.3
1333	5/22/2009 10:16	14.31	49.055	32.06	8.28	8.11	8.8	2.466	98.6
1334	5/22/2009 10:31	14.15	49.211	32.16	8.31	7.97	7.8	2.523	98.7
1335	5/22/2009 10:46	13.99	49.311	32.23	8.34	7.97	6.3	2.579	98.8
1336	5/22/2009 11:01	13.61	49.454	32.32	8.45	7.97	6.5	2.637	99.3
1337	5/22/2009 11:16	13.31	49.727	32.51	8.51	7.96	10.7	2.676	99.5
Mean		14.75	47.99	31.29	8.23	7.99	6.49	2.14	98.38
Minimum		11.41	44.94	29.11	7.01	7.83	1.60	0.64	82.70
Maximum		17.47	50.63	33.08	10.83	8.24	28.90	3.37	133.20
Standard Dev.		1.30	1.12	0.79	0.63	0.08	3.52	0.58	8.32

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

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	5/22/2009 11:46	12.92	49.031	31.99	8.43	7.94	5.2	2.768	97.5
1	5/22/2009 12:01	13.14	48.985	31.97	8.37	7.95	6	2.785	97.2
2	5/22/2009 12:16	12.81	49.136	32.06	8.34	7.94	5	2.772	96.2
3	5/22/2009 12:31	12.84	49.116	32.05	8.37	7.92	5.9	2.738	96.7
4	5/22/2009 12:46	13.12	48.989	31.97	8.3	7.98	5.8	2.691	96.3
5	5/22/2009 13:01	14.06	48.575	31.7	8.37	8.18	6.8	2.631	98.9
6	5/22/2009 13:16	14.18	48.522	31.66	8.36	7.96	8.1	2.569	99
7	5/22/2009 13:31	14.66	48.4	31.59	8.77	7.98	8.4	2.481	104.8
8	5/22/2009 13:46	14.82	48.377	31.58	8.69	7.99	8.7	2.406	104.2
9	5/22/2009 14:01	15.16	48.391	31.59	9.15	8.02	7.9	2.339	110.5
10	5/22/2009 14:16	15.44	48.36	31.58	9.41	8.04	8.1	2.256	114.2
11	5/22/2009 14:31	15.65	48.351	31.57	9.6	8.04	7.3	2.191	117.1
12	5/22/2009 14:46	15.78	48.154	31.43	9.1	8.02	8	2.119	111.1
13	5/22/2009 15:01	16.08	48.166	31.45	9.63	8.05	7.4	2.054	118.4
14	5/22/2009 15:16	16.24	48.114	31.41	9.73	8.06	6.7	2.003	119.8
15	5/22/2009 15:31	16.45	48.058	31.37	9.8	8.08	6.4	1.934	121.2
16	5/22/2009 15:46	16.68	47.97	31.31	9.94	8.09	5.9	1.894	123.5
17	5/22/2009 16:01	16.8	47.937	31.29	9.99	8.11	6.2	1.862	124.3
18	5/22/2009 16:16	16.83	47.894	31.26	9.93	8.11	5.5	1.842	123.7
19	5/22/2009 16:31	16.8	47.851	31.23	9.65	8.1	5.1	1.82	120.1
20	5/22/2009 16:46	16.79	47.902	31.26	9.93	8.1	5.7	1.818	123.6
21	5/22/2009 17:01	16.32	47.776	31.17	8.96	8.04	5.4	1.857	110.5
22	5/22/2009 17:16	16.42	47.824	31.2	9.13	8.04	5.7	1.878	112.8
23	5/22/2009 17:31	16.48	47.768	31.16	9.06	8.04	5.2	1.917	112
24	5/22/2009 17:46	16.33	47.82	31.2	8.97	8.03	5.8	1.985	110.6
25	5/22/2009 18:01	15.99	47.917	31.26	8.69	8	6.7	2.048	106.5
26	5/22/2009 18:16	16.04	47.898	31.25	8.71	8	6.1	2.121	106.8
27	5/22/2009 18:31	15.91	47.938	31.28	8.64	8	6.2	2.192	105.6
28	5/22/2009 18:46	15.76	48.018	31.33	8.63	7.99	6.2	2.271	105.3
29	5/22/2009 19:01	15.34	48.165	31.43	8.53	7.97	6.8	2.35	103.2
30	5/22/2009 19:16	14.97	48.292	31.52	8.45	7.94	7.4	2.418	101.6
31	5/22/2009 19:31	14.33	48.526	31.67	8.46	7.94	8.2	2.51	100.5
32	5/22/2009 19:46	13.88	48.686	31.77	8.42	7.91	8.9	2.585	99.2
33	5/22/2009 20:01	13.63	48.786	31.84	8.46	7.91	9	2.669	99.1
34	5/22/2009 20:16	13.31	48.908	31.92	8.48	7.9	10.1	2.759	98.8
35	5/22/2009 20:31	13.01	49.04	32	8.59	7.93	12.5	2.843	99.6
36	5/22/2009 20:46	12.71	49.18	32.09	8.69	7.91	14.4	2.938	100.2
37	5/22/2009 21:01	12.41	49.32	32.18	8.93	7.92	12	3.028	102.4
38	5/22/2009 21:16	12.17	49.424	32.25	8.98	7.92	11.4	3.125	102.4
39	5/22/2009 21:31	11.85	49.545	32.32	9.02	7.91	10.2	3.201	102.2
40	5/22/2009 21:46	11.39	49.72	32.42	9.06	7.9	10.1	3.285	101.8
41	5/22/2009 22:01	10.92	49.903	32.53	9.07	7.87	12.3	3.358	100.9
42	5/22/2009 22:16	10.79	49.961	32.56	9.12	7.88	7.2	3.406	101.2
43	5/22/2009 22:31	10.67	49.998	32.58	9.14	7.9	7.1	3.465	101.1
44	5/22/2009 22:46	10.67	49.995	32.58	9.12	7.89	5.2	3.49	100.9
45	5/22/2009 23:01	10.98	49.902	32.53	8.97	7.87	5.3	3.499	100
46	5/22/2009 23:16	10.79	49.963	32.56	8.95	7.89	4.9	3.498	99.3
47	5/22/2009 23:31	10.71	49.987	32.58	9	7.87	5.5	3.466	99.7
48	5/22/2009 23:46	11.19	49.791	32.46	8.82	7.87	6.5	3.397	98.7
49	5/23/2009 0:01	11.41	49.724	32.43	8.78	7.88	5.5	3.331	98.6
50	5/23/2009 0:16	11.46	49.683	32.4	8.71	7.87	5.6	3.233	98

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
51	5/23/2009 0:31	12.21	49.381	32.22	8.57	7.9	6.3	3.12	97.7
52	5/23/2009 0:46	12.35	49.36	32.21	8.52	7.89	6.2	3.002	97.5
53	5/23/2009 1:01	12.94	49.063	32.02	8.38	7.9	6.9	2.885	96.9
54	5/23/2009 1:16	13.03	49.05	32.01	8.39	7.91	7.3	2.775	97.3
55	5/23/2009 1:31	13.56	48.798	31.85	8.29	7.91	6.3	2.643	97.1
56	5/23/2009 1:46	13.85	48.628	31.73	8.25	7.94	8.1	2.524	97.1
57	5/23/2009 2:01	14.09	48.532	31.67	8.17	7.93	8.4	2.393	96.6
58	5/23/2009 2:16	14	48.503	31.65	8.08	7.92	6.6	2.26	95.3
59	5/23/2009 2:31	14.17	48.54	31.68	8.06	7.92	8.7	2.125	95.5
60	5/23/2009 2:46	14.81	48.192	31.44	8.14	7.97	8.5	1.994	97.5
61	5/23/2009 3:01	14.51	48.348	31.55	8.13	7.96	7.9	1.848	96.8
62	5/23/2009 3:16	14.69	48.274	31.5	8.16	7.97	9.6	1.709	97.6
63	5/23/2009 3:31	15.07	48.11	31.39	8.05	7.97	10.6	1.551	97
64	5/23/2009 3:46	15.09	48.084	31.37	8.02	7.97	11.4	1.406	96.6
65	5/23/2009 4:01	15.42	47.945	31.27	8.11	8	12.3	1.258	98.3
66	5/23/2009 4:16	15.64	47.854	31.21	8.18	8.02	12.9	1.113	99.5
67	5/23/2009 4:31	15.78	47.79	31.17	8.14	8.02	12.7	0.987	99.2
68	5/23/2009 4:46	15.92	47.728	31.13	8.06	8.02	12.4	0.845	98.5
69	5/23/2009 5:01	15.97	47.696	31.1	7.97	8.02	12.3	0.755	97.5
70	5/23/2009 5:16	16.14	47.692	31.1	7.91	8.03	12.3	0.672	97.1
71	5/23/2009 5:31	16.12	47.618	31.05	7.87	8.02	10	0.64	96.5
72	5/23/2009 5:46	16.2	47.631	31.06	7.92	8.04	9.5	0.649	97.3
73	5/23/2009 6:01	16.24	47.638	31.06	8	8.05	9.9	0.686	98.4
74	5/23/2009 6:16	16.22	47.641	31.07	8.01	8.05	8.7	0.765	98.5
75	5/23/2009 6:31	16.17	47.584	31.02	8.08	8.05	8.3	0.816	99.1
76	5/23/2009 6:46	16.16	47.585	31.03	8.08	8.05	8.3	0.894	99.1
77	5/23/2009 7:01	16.11	47.484	30.95	8.02	8.04	8.8	0.976	98.3
78	5/23/2009 7:16	16.1	47.45	30.93	7.94	8.03	10.1	1.041	97.3
79	5/23/2009 7:31	16.08	46.971	30.58	7.7	8.01	9.5	1.118	94.1
80	5/23/2009 7:46	16.1	46.907	30.53	7.68	8	8.7	1.189	93.9
81	5/23/2009 8:01	16.05	46.983	30.59	7.69	8	8.5	1.28	93.9
82	5/23/2009 8:16	15.95	47.467	30.94	7.82	8.01	9.9	1.374	95.5
83	5/23/2009 8:31	15.85	47.556	31	7.84	8.01	10.7	1.467	95.6
84	5/23/2009 8:46	15.64	47.639	31.06	7.79	7.99	11.1	1.57	94.6
85	5/23/2009 9:01	15.49	47.725	31.12	7.76	7.97	10.9	1.685	94.1
86	5/23/2009 9:16	15.29	47.906	31.24	7.79	7.96	11.1	1.797	94.1
87	5/23/2009 9:31	15.02	48.108	31.38	7.83	7.93	11.6	1.898	94.2
88	5/23/2009 9:46	14.91	48.182	31.44	7.85	7.93	10.2	1.998	94.2
89	5/23/2009 10:01	14.85	48.211	31.46	7.86	7.93	9.2	2.103	94.2
90	5/23/2009 10:16	14.59	48.306	31.52	7.88	7.92	10.7	2.2	94
91	5/23/2009 10:31	14.45	48.345	31.54	7.91	7.92	11	2.288	94.2
92	5/23/2009 10:46	14.13	48.423	31.59	7.98	7.91	13.2	2.369	94.4
93	5/23/2009 11:01	13.82	48.528	31.66	8.02	7.91	15.2	2.442	94.4
94	5/23/2009 11:16	13.65	48.608	31.71	8.08	7.9	13.2	2.527	94.7
95	5/23/2009 11:31	13.18	48.81	31.84	8.17	7.89	11.4	2.59	94.9
96	5/23/2009 11:46	12.64	49.075	32.01	8.22	7.87	11.4	2.642	94.5
97	5/23/2009 12:01	12.34	49.231	32.11	8.15	7.85	11.4	2.699	93.2
98	5/23/2009 12:16	12.15	49.313	32.16	8.25	7.87	8.5	2.748	94
99	5/23/2009 12:31	12.04	49.372	32.2	8.27	7.84	7.1	2.78	94
100	5/23/2009 12:46	11.96	49.401	32.22	8.17	7.85	4.2	2.801	92.8
101	5/23/2009 13:01	12.17	49.328	32.18	8.17	7.86	6.4	2.807	93.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
102	5/23/2009 13:16	12	49.381	32.21	8.19	7.85	6.1	2.782	93.1
103	5/23/2009 13:31	12.05	49.377	32.21	8.16	7.85	6	2.742	92.8
104	5/23/2009 13:46	12.5	49.197	32.1	8.26	7.88	7.5	2.686	94.8
105	5/23/2009 14:01	13.24	48.931	31.93	8.6	7.91	9.7	2.617	100.1
106	5/23/2009 14:16	13.3	48.972	31.96	8.89	7.94	9.5	2.546	103.6
107	5/23/2009 14:31	13.58	48.902	31.92	9.13	7.97	8.9	2.468	107
108	5/23/2009 14:46	13.63	48.895	31.92	9.22	7.97	8.1	2.396	108.1
109	5/23/2009 15:01	14.04	48.696	31.79	9.02	7.97	9.5	2.311	106.7
110	5/23/2009 15:16	14.46	48.497	31.65	8.94	7.97	9.6	2.237	106.5
111	5/23/2009 15:31	14.69	48.498	31.66	9.08	8	9	2.172	108.6
112	5/23/2009 15:46	14.93	48.351	31.56	8.93	7.99	9.2	2.107	107.3
113	5/23/2009 16:01	15.07	48.317	31.54	9.01	8	7.7	2.048	108.5
114	5/23/2009 16:16	15.12	48.393	31.59	9.36	8.03	7.4	1.988	113
115	5/23/2009 16:31	15.38	48.072	31.37	9.02	8.02	7.1	1.953	109.3
116	5/23/2009 16:46	15.47	48.023	31.33	9.08	8.03	7	1.915	110.2
117	5/23/2009 17:01	15.51	48.007	31.32	9.17	8.05	6.7	1.886	111.3
118	5/23/2009 17:16	15.53	47.978	31.3	9.13	8.05	6.7	1.876	110.8
119	5/23/2009 17:31	15.55	47.955	31.28	8.94	8.03	7.1	1.895	108.5
120	5/23/2009 17:46	15.45	48.013	31.32	8.98	8.03	6	1.904	108.9
121	5/23/2009 18:01	15.4	48.022	31.33	8.92	8.02	6	1.934	108.1
122	5/23/2009 18:16	15.37	48.012	31.32	8.82	8.01	6	1.981	106.8
123	5/23/2009 18:31	15.3	48.058	31.35	8.74	8	6.1	2.046	105.6
124	5/23/2009 18:46	15.05	48.2	31.45	8.63	7.98	6.5	2.109	103.9
125	5/23/2009 19:01	15.12	48.076	31.36	8.6	7.98	7.1	2.178	103.6
126	5/23/2009 19:16	14.94	48.213	31.46	8.53	7.97	7.3	2.262	102.5
127	5/23/2009 19:31	14.74	48.297	31.52	8.44	7.95	7.3	2.339	101
128	5/23/2009 19:46	14.29	48.508	31.66	8.39	7.94	8	2.423	99.6
129	5/23/2009 20:01	13.73	48.752	31.82	8.36	7.9	8.2	2.502	98.2
130	5/23/2009 20:16	13.03	49.033	32	8.27	7.87	9.8	2.591	95.9
131	5/23/2009 20:31	12.83	49.109	32.04	8.22	7.87	8.9	2.678	94.9
132	5/23/2009 20:46	12.48	49.243	32.13	8.18	7.86	10.6	2.763	93.9
133	5/23/2009 21:01	12.18	49.361	32.2	8.22	7.83	11.8	2.858	93.7
134	5/23/2009 21:16	11.8	49.528	32.3	8.32	7.85	13.9	2.956	94.2
135	5/23/2009 21:31	11.23	49.747	32.43	8.3	7.81	11.9	3.057	92.9
136	5/23/2009 21:46	10.88	49.873	32.5	8.28	7.81	10.3	3.16	92
137	5/23/2009 22:01	10.45	50.029	32.59	8.15	7.79	11.2	3.246	89.8
138	5/23/2009 22:16	10.25	50.105	32.63	8.07	7.76	11.5	3.339	88.6
139	5/23/2009 22:31	10	50.201	32.69	8.02	7.79	11.7	3.42	87.6
140	5/23/2009 22:46	9.92	50.24	32.71	8.03	7.77	9.7	3.486	87.5
141	5/23/2009 23:01	9.8	50.287	32.74	7.97	7.73	8.1	3.545	86.6
142	5/23/2009 23:16	9.75	50.308	32.75	7.92	7.76	5.8	3.594	86
143	5/23/2009 23:31	9.7	50.319	32.75	7.8	7.74	4.2	3.612	84.7
144	5/23/2009 23:46	9.99	50.221	32.7	7.82	7.78	4.9	3.621	85.4
145	5/24/2009 0:01	9.92	50.253	32.72	7.76	7.74	5	3.6	84.6
146	5/24/2009 0:16	9.85	50.278	32.73	7.78	7.76	6.5	3.546	84.7
147	5/24/2009 0:31	10.12	50.159	32.66	7.88	8.07	5.6	3.492	86.3
148	5/24/2009 0:46	10.39	50.021	32.58	7.86	7.77	5.3	3.396	86.5
149	5/24/2009 1:01	10.65	50.031	32.61	7.86	7.76	6.2	3.29	87
150	5/24/2009 1:16	10.9	49.904	32.53	7.89	7.8	5.7	3.178	87.7
151	5/24/2009 1:31	11.5	49.622	32.36	7.88	7.83	5.7	3.061	88.7
152	5/24/2009 1:46	11.8	49.501	32.28	7.95	7.84	6.1	2.941	90

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
153	5/24/2009 2:01	12.08	49.367	32.2	7.96	7.84	6.4	2.816	90.6
154	5/24/2009 2:16	12.14	49.413	32.24	8	7.84	6.4	2.681	91.2
155	5/24/2009 2:31	12.36	49.115	32.03	8.07	7.86	7.3	2.546	92.3
156	5/24/2009 2:46	12.72	49.074	32.02	7.93	7.86	7.5	2.405	91.4
157	5/24/2009 3:01	13.25	48.846	31.87	7.95	7.88	10.7	2.279	92.5
158	5/24/2009 3:16	13.03	48.955	31.94	7.89	7.89	9.3	2.112	91.4
159	5/24/2009 3:31	13.01	49.105	32.05	7.76	7.87	9.7	1.959	90
160	5/24/2009 3:46	12.97	49.029	31.99	7.85	7.87	11.7	1.8	90.9
161	5/24/2009 4:01	13.48	48.681	31.76	7.83	7.89	10.7	1.642	91.5
162	5/24/2009 4:16	13.8	48.557	31.68	7.76	7.89	12.1	1.476	91.2
163	5/24/2009 4:31	14.13	48.384	31.56	7.83	7.93	13.2	1.295	92.6
164	5/24/2009 4:46	14.4	48.264	31.48	7.83	7.95	14.6	1.133	93.1
165	5/24/2009 5:01	14.55	48.205	31.44	7.82	7.95	13.8	0.973	93.2
166	5/24/2009 5:16	14.62	48.156	31.41	7.76	7.95	14	0.81	92.6
167	5/24/2009 5:31	14.71	48.104	31.37	7.68	7.95	14.1	0.676	91.8
168	5/24/2009 5:46	14.86	47.999	31.3	7.61	7.95	12.9	0.56	91.1
169	5/24/2009 6:01	14.81	48.007	31.31	7.54	7.95	10.4	0.489	90.3
170	5/24/2009 6:16	14.78	48.009	31.31	7.6	7.95	11.7	0.453	90.9
171	5/24/2009 6:31	14.96	47.829	31.18	7.61	7.98	11.3	0.492	91.3
172	5/24/2009 6:46	14.91	47.856	31.2	7.65	7.97	10.5	0.556	91.7
173	5/24/2009 7:01	14.92	47.901	31.23	7.67	7.97	11	0.637	92
174	5/24/2009 7:16	14.96	47.831	31.18	7.68	7.98	12.2	0.737	92.1
175	5/24/2009 7:31	14.98	47.829	31.18	7.66	7.98	12.3	0.794	91.9
176	5/24/2009 7:46	14.97	47.841	31.19	7.65	7.98	12.9	0.863	91.8
177	5/24/2009 8:01	14.88	47.549	30.98	7.66	7.97	12.5	0.925	91.6
178	5/24/2009 8:16	14.86	47.396	30.86	7.58	7.96	11.7	0.998	90.5
179	5/24/2009 8:31	14.85	47.422	30.88	7.53	7.95	14.8	1.084	90
180	5/24/2009 8:46	14.82	47.317	30.81	7.57	7.95	12.1	1.169	90.3
181	5/24/2009 9:01	14.8	47.234	30.75	7.53	7.94	13.8	1.27	89.9
182	5/24/2009 9:16	14.7	47.716	31.09	7.6	7.94	12.2	1.388	90.6
183	5/24/2009 9:31	14.61	47.847	31.19	7.67	7.94	9.6	1.494	91.4
184	5/24/2009 9:46	14.53	47.884	31.21	7.7	7.94	10	1.603	91.6
185	5/24/2009 10:01	14.31	48.108	31.37	7.74	7.91	11	1.73	91.7
186	5/24/2009 10:16	14.15	48.337	31.53	7.8	7.91	12.5	1.849	92.3
187	5/24/2009 10:31	14.06	48.431	31.59	7.8	7.91	11.3	1.962	92.2
188	5/24/2009 10:46	13.97	48.469	31.62	7.78	7.91	11.8	2.066	91.7
189	5/24/2009 11:01	13.78	48.567	31.68	7.8	7.89	12.9	2.173	91.6
190	5/24/2009 11:16	13.58	48.656	31.74	7.82	7.88	14.2	2.271	91.6
191	5/24/2009 11:31	13.25	48.75	31.8	7.84	7.85	16.1	2.354	91.2
192	5/24/2009 11:46	12.94	48.855	31.86	7.9	7.86	17.4	2.44	91.4
193	5/24/2009 12:01	12.63	49.015	31.97	7.89	7.86	19.2	2.521	90.7
194	5/24/2009 12:16	11.92	49.353	32.18	7.98	7.81	15.6	2.589	90.5
195	5/24/2009 12:31	11.51	49.548	32.3	8.02	7.79	14.5	2.659	90.2
196	5/24/2009 12:46	11.31	49.658	32.37	7.97	7.79	14.9	2.72	89.3
197	5/24/2009 13:01	11.22	49.705	32.4	7.93	7.81	13.4	2.767	88.7
198	5/24/2009 13:16	11.16	49.738	32.42	7.91	7.8	9.5	2.81	88.4
199	5/24/2009 13:31	11.13	49.747	32.43	7.87	7.77	7	2.838	87.9
200	5/24/2009 13:46	11.34	49.685	32.39	7.95	7.8	6.1	2.854	89.2
201	5/24/2009 14:01	11.21	49.724	32.42	7.78	7.81	6.6	2.842	87
202	5/24/2009 14:16	11.18	49.738	32.42	7.78	7.76	6.9	2.811	87
203	5/24/2009 14:31	11.28	49.708	32.41	7.86	7.79	8.1	2.766	88

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
204	5/24/2009 14:46	12.39	49.292	32.16	8.47	7.88	8.9	2.704	97
205	5/24/2009 15:01	12.27	49.334	32.18	8.43	7.86	11.5	2.626	96.3
206	5/24/2009 15:16	12.73	49.246	32.14	8.69	7.9	13.4	2.551	100.1
207	5/24/2009 15:31	12.99	49.151	32.08	9.08	7.93	10.3	2.477	105.3
208	5/24/2009 15:46	13.02	49.146	32.08	9.17	7.92	11.1	2.39	106.4
209	5/24/2009 16:01	13.07	49.132	32.07	9.11	7.94	10.4	2.31	105.8
210	5/24/2009 16:16	13.39	48.991	31.98	9.04	7.93	10.8	2.246	105.6
211	5/24/2009 16:31	13.63	48.9	31.92	9.1	7.95	11.3	2.175	106.8
212	5/24/2009 16:46	13.8	48.807	31.86	9.16	7.96	9.7	2.114	107.8
213	5/24/2009 17:01	13.95	48.706	31.79	9.28	7.97	9.3	2.053	109.5
214	5/24/2009 17:16	14.08	48.632	31.74	9.12	7.99	8.4	1.999	107.9
215	5/24/2009 17:31	14.43	48.355	31.55	8.98	7.99	8	1.968	106.8
216	5/24/2009 17:46	14.46	48.349	31.55	9.08	8	7.3	1.929	108.1
217	5/24/2009 18:01	14.52	48.299	31.51	8.99	8	7	1.915	107.2
218	5/24/2009 18:16	14.59	48.237	31.47	8.82	8	5.6	1.918	105.2
219	5/24/2009 18:31	14.45	48.34	31.54	8.96	7.99	6.6	1.939	106.6
220	5/24/2009 18:46	14.41	48.347	31.54	8.92	7.99	6.2	1.956	106.1
221	5/24/2009 19:01	14.41	48.34	31.54	8.86	7.98	6.3	2.005	105.3
222	5/24/2009 19:16	14.33	48.381	31.57	8.79	7.97	7.1	2.072	104.4
223	5/24/2009 19:31	14.1	48.519	31.66	8.67	7.94	7.9	2.132	102.5
224	5/24/2009 19:46	14.18	48.432	31.6	8.67	7.94	8.1	2.21	102.6
225	5/24/2009 20:01	13.99	48.554	31.68	8.58	7.93	9.1	2.292	101.3
226	5/24/2009 20:16	13.72	48.69	31.77	8.51	7.92	8.8	2.372	99.9
227	5/24/2009 20:31	13.22	48.927	31.93	8.42	7.89	8.7	2.45	97.9
228	5/24/2009 20:46	12.76	49.118	32.05	8.33	7.88	11	2.531	96
229	5/24/2009 21:01	12.25	49.324	32.18	8.16	7.83	10.5	2.625	93.2
230	5/24/2009 21:16	11.93	49.45	32.25	8.06	7.84	10.9	2.714	91.5
231	5/24/2009 21:31	11.67	49.551	32.31	7.98	7.8	10.6	2.803	90.1
232	5/24/2009 21:46	11.26	49.699	32.4	7.94	8.08	11.4	2.905	88.9
233	5/24/2009 22:01	10.7	49.935	32.54	7.83	8.04	14.8	3.004	86.7
234	5/24/2009 22:16	10.34	50.074	32.62	7.68	8.02	12.9	3.103	84.5
235	5/24/2009 22:31	10.03	50.188	32.68	7.51	8.05	11.1	3.204	82
236	5/24/2009 22:46	9.73	50.299	32.74	7.43	7.72	12	3.294	80.6
237	5/24/2009 23:01	9.5	50.384	32.78	7.29	7.73	12.1	3.388	78.8
238	5/24/2009 23:16	9.33	50.431	32.81	7.24	8	8.2	3.461	78
239	5/24/2009 23:31	9.26	50.48	32.84	7.21	7.97	6.9	3.536	77.6
240	5/24/2009 23:46	9.23	50.491	32.84	7.17	8.04	6.7	3.592	77
241	5/25/2009 0:01	9.22	50.501	32.85	7.13	7.97	5.2	3.63	76.5
242	5/25/2009 0:16	9.16	50.521	32.86	7.06	8.04	4.3	3.661	75.8
243	5/25/2009 0:31	9.43	50.439	32.82	7.11	8	5.3	3.664	76.7
244	5/25/2009 0:46	9.34	50.458	32.83	7.04	7.97	4.5	3.65	75.8
245	5/25/2009 1:01	9.34	50.462	32.83	7.05	7.68	5.7	3.602	75.9
246	5/25/2009 1:16	9.6	50.382	32.79	7.17	7.72	6.3	3.523	77.6
247	5/25/2009 1:31	9.82	50.303	32.75	7.17	7.74	5.4	3.439	78
248	5/25/2009 1:46	10.04	50.217	32.7	7.23	8.03	5.7	3.333	79
249	5/25/2009 2:01	10.34	50.063	32.61	7.37	8	6.2	3.208	81
250	5/25/2009 2:16	10.91	49.879	32.51	7.47	7.77	6.5	3.089	83.1
251	5/25/2009 2:31	11.01	49.735	32.41	7.63	8.11	6.4	2.965	85
252	5/25/2009 2:46	11.17	49.763	32.44	7.66	7.8	6.8	2.832	85.7
253	5/25/2009 3:01	11.56	49.561	32.32	7.68	7.83	7.1	2.691	86.5
254	5/25/2009 3:16	11.4	49.639	32.36	7.65	7.76	6.2	2.543	85.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
255	5/25/2009 3:31	12.09	49.316	32.16	7.68	7.83	7.4	2.4	87.4
256	5/25/2009 3:46	12.05	49.344	32.18	7.77	7.81	9.9	2.258	88.4
257	5/25/2009 4:01	12.28	49.221	32.1	7.72	7.83	9.3	2.101	88.2
258	5/25/2009 4:16	12.26	49.208	32.09	7.69	7.83	9.3	1.93	87.8
259	5/25/2009 4:31	12.35	49.168	32.07	7.69	7.85	9.8	1.778	88
260	5/25/2009 4:46	12.86	48.927	31.91	7.78	7.87	12.7	1.605	89.8
261	5/25/2009 5:01	13.15	48.77	31.81	7.78	7.88	13.4	1.433	90.3
262	5/25/2009 5:16	13.36	48.707	31.77	7.84	7.88	14.4	1.26	91.4
263	5/25/2009 5:31	13.56	48.596	31.7	7.88	7.91	14.6	1.071	92.2
264	5/25/2009 5:46	13.67	48.544	31.66	7.85	7.9	15.9	0.892	92
265	5/25/2009 6:01	13.86	48.44	31.59	7.85	7.9	16.1	0.726	92.3
266	5/25/2009 6:16	13.91	48.403	31.57	7.78	7.91	15.5	0.572	91.6
267	5/25/2009 6:31	13.96	48.349	31.53	7.71	7.91	13.4	0.434	90.8
268	5/25/2009 6:46	14.05	48.267	31.48	7.69	7.91	12.1	0.355	90.7
269	5/25/2009 7:01	14	48.286	31.49	7.74	7.91	12.3	0.354	91.3
270	5/25/2009 7:16	14.28	48.061	31.33	7.86	7.94	13.1	0.388	93.1
271	5/25/2009 7:31	14.28	48.061	31.33	7.91	7.95	10.6	0.476	93.7
272	5/25/2009 7:46	14.26	48.024	31.3	7.88	7.94	10.6	0.572	93.3
273	5/25/2009 8:01	14.25	48.05	31.32	7.85	7.94	11.8	0.658	92.9
274	5/25/2009 8:16	14.26	48.052	31.33	7.84	7.94	12.6	0.737	92.8
275	5/25/2009 8:31	14.25	48.04	31.32	7.84	7.95	13.2	0.781	92.8
276	5/25/2009 8:46	14.24	48.037	31.31	7.82	7.94	10.7	0.836	92.6
277	5/25/2009 9:01	14.22	47.825	31.16	7.82	7.94	12	0.917	92.4
278	5/25/2009 9:16	14.18	47.864	31.19	7.75	7.91	13.7	0.987	91.5
279	5/25/2009 9:31	14.15	47.686	31.06	7.7	7.91	15.3	1.082	90.8
280	5/25/2009 9:46	14.15	47.588	30.99	7.69	7.9	16.8	1.194	90.6
281	5/25/2009 10:01	14.02	48.024	31.3	7.67	7.91	20.6	1.3	90.4
282	5/25/2009 10:16	13.93	48.031	31.3	7.76	7.9	12.3	1.422	91.3
283	5/25/2009 10:31	13.84	48.052	31.31	7.78	7.91	9.3	1.538	91.3
284	5/25/2009 10:46	13.62	48.398	31.56	7.8	7.9	10.6	1.661	91.3
285	5/25/2009 11:01	13.47	48.613	31.71	7.85	7.89	13.4	1.788	91.7
286	5/25/2009 11:16	13.36	48.716	31.78	7.85	7.88	11.8	1.901	91.5
287	5/25/2009 11:31	13.31	48.75	31.8	7.9	7.86	10.7	2.012	92
288	5/25/2009 11:46	13.18	48.809	31.84	7.89	7.86	11.8	2.123	91.7
289	5/25/2009 12:01	12.98	48.893	31.89	7.89	7.86	13.2	2.225	91.3
290	5/25/2009 12:16	12.63	48.975	31.94	7.87	7.86	15.7	2.314	90.5
291	5/25/2009 12:31	12.43	49.099	32.02	7.9	7.83	15.7	2.402	90.5
292	5/25/2009 12:46	12.22	49.222	32.1	7.89	7.82	14	2.486	90
293	5/25/2009 13:01	11.65	49.512	32.28	7.86	7.83	12.2	2.552	88.7
294	5/25/2009 13:16	11.33	49.684	32.39	7.83	7.78	11.4	2.631	87.8
295	5/25/2009 13:31	11.12	49.772	32.45	7.79	7.74	12.1	2.693	87
296	5/25/2009 13:46	11.04	49.819	32.47	7.76	7.79	12.6	2.754	86.5
297	5/25/2009 14:01	10.95	49.859	32.5	7.74	7.78	11	2.809	86.2
298	5/25/2009 14:16	10.78	49.919	32.53	7.62	7.75	8.7	2.839	84.5
299	5/25/2009 14:31	10.67	49.948	32.55	7.42	7.74	5.2	2.869	82.1
300	5/25/2009 14:46	11.21	49.785	32.46	7.88	7.8	6.2	2.881	88.1
301	5/25/2009 15:01	10.75	49.933	32.54	7.38	7.78	6.8	2.854	81.8
302	5/25/2009 15:16	10.83	49.917	32.53	7.45	7.79	6.3	2.808	82.7
303	5/25/2009 15:31	11.09	49.846	32.5	7.72	7.81	7.1	2.76	86.1
304	5/25/2009 15:46	12.16	49.584	32.36	8.64	7.86	9.2	2.692	98.6
305	5/25/2009 16:01	12.48	49.501	32.32	8.44	7.88	11.2	2.599	97

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
306	5/25/2009 16:16	12.91	49.358	32.23	9.04	7.9	10.6	2.526	104.7
307	5/25/2009 16:31	13.22	49.394	32.27	9.6	7.93	8.9	2.449	111.9
308	5/25/2009 16:46	13.47	49.262	32.18	9.76	7.95	8	2.37	114.3
309	5/25/2009 17:01	13.53	49.193	32.13	9.69	7.95	8.3	2.296	113.6
310	5/25/2009 17:16	13.88	49.151	32.11	9.87	7.97	8.2	2.221	116.6
311	5/25/2009 17:31	14.2	49.051	32.05	10.22	8.01	8.1	2.166	121.4
312	5/25/2009 17:46	14.32	48.925	31.96	10	8	7.4	2.106	119
313	5/25/2009 18:01	14.49	48.962	31.99	10.26	8.02	7	2.041	122.6
314	5/25/2009 18:16	14.77	48.722	31.83	10.12	8.03	7.1	2.004	121.4
315	5/25/2009 18:31	14.84	48.655	31.78	10.2	8.03	6.8	1.963	122.6
316	5/25/2009 18:46	14.92	48.605	31.74	10.16	8.03	6.7	1.943	122.2
317	5/25/2009 19:01	14.95	48.518	31.68	9.81	8.01	5.3	1.942	118
318	5/25/2009 19:16	14.87	48.616	31.75	10.05	8.03	7.1	1.946	120.8
319	5/25/2009 19:31	14.7	48.699	31.81	9.92	8.02	6.6	1.969	118.8
320	5/25/2009 19:46	14.61	48.713	31.81	9.81	8	6.8	2.017	117.4
321	5/25/2009 20:01	14.54	48.696	31.8	9.59	7.99	7	2.065	114.5
322	5/25/2009 20:16	14.44	48.717	31.81	9.42	7.96	8.2	2.123	112.3
323	5/25/2009 20:31	14.66	48.61	31.74	9.23	7.96	8.5	2.205	110.4
324	5/25/2009 20:46	14.13	48.795	31.86	9.09	7.94	8.5	2.283	107.6
325	5/25/2009 21:01	13.59	49.007	32	8.9	7.91	10.1	2.362	104.4
326	5/25/2009 21:16	13.06	49.216	32.13	8.63	7.87	7.9	2.44	100.2
327	5/25/2009 21:31	12.69	49.343	32.21	8.39	7.84	10.2	2.53	96.6
328	5/25/2009 21:46	12.08	49.542	32.33	8.07	7.82	8.4	2.617	91.8
329	5/25/2009 22:01	11.89	49.611	32.37	7.96	7.82	8.6	2.699	90.3
330	5/25/2009 22:16	11.62	49.71	32.43	7.9	7.79	8.6	2.802	89.2
331	5/25/2009 22:31	11.16	49.877	32.52	7.73	7.79	10.1	2.893	86.5
332	5/25/2009 22:46	10.63	50.07	32.63	7.51	7.74	11.4	2.991	83
333	5/25/2009 23:01	10.21	50.224	32.72	7.32	7.75	12.6	3.091	80.3
334	5/25/2009 23:16	9.9	50.334	32.78	7.15	7.7	10.3	3.184	78
335	5/25/2009 23:31	9.72	50.398	32.81	7.1	7.97	11.3	3.277	77.1
336	5/25/2009 23:46	9.46	50.476	32.85	7	8	10.4	3.365	75.6
337	5/26/2009 0:01	9.37	50.517	32.87	7	8.04	8.2	3.443	75.5
338	5/26/2009 0:16	9.36	50.529	32.88	7.02	7.98	5.6	3.515	75.7
339	5/26/2009 0:31	9.37	50.532	32.88	7.05	8.01	5.4	3.571	76
340	5/26/2009 0:46	9.35	50.545	32.89	7.04	8.01	4.3	3.616	75.9
341	5/26/2009 1:01	9.37	50.533	32.88	7.01	8.06	4	3.653	75.6
342	5/26/2009 1:16	9.6	50.483	32.86	7.02	8.06	4.2	3.654	76.1
343	5/26/2009 1:31	9.58	50.461	32.85	6.87	8.04	3.6	3.65	74.4
344	5/26/2009 1:46	9.65	50.42	32.82	6.9	7.98	4.6	3.612	74.8
345	5/26/2009 2:01	9.54	50.465	32.85	6.9	7.69	4.8	3.551	74.6
346	5/26/2009 2:16	9.72	50.453	32.85	6.95	8.02	4.5	3.474	75.5
347	5/26/2009 2:31	10.21	50.141	32.66	7.1	7.74	5.3	3.369	77.8
348	5/26/2009 2:46	10.44	50.124	32.66	7.2	7.74	4.6	3.257	79.4
349	5/26/2009 3:01	10.84	49.936	32.55	7.39	8.03	6.4	3.131	82.1
350	5/26/2009 3:16	10.86	49.938	32.55	7.47	8.1	6	2.991	83.1
351	5/26/2009 3:31	11.13	49.848	32.5	7.46	7.77	6	2.858	83.4
352	5/26/2009 3:46	11.21	49.82	32.48	7.53	8.07	6	2.721	84.3
353	5/26/2009 4:01	11.28	49.779	32.46	7.56	7.78	5.9	2.584	84.7
354	5/26/2009 4:16	12.04	49.468	32.27	7.75	7.84	8.2	2.442	88.1
355	5/26/2009 4:31	11.86	49.532	32.31	7.67	7.82	6.4	2.293	86.9
356	5/26/2009 4:46	12.27	49.413	32.24	7.67	7.85	8.8	2.131	87.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
357	5/26/2009 5:01	12.38	49.309	32.17	7.91	7.85	10	1.974	90.5
358	5/26/2009 5:16	12.46	49.276	32.15	7.95	7.85	9.7	1.791	91.2
359	5/26/2009 5:31	13.14	48.949	31.94	8.17	7.87	11.8	1.637	94.9
360	5/26/2009 5:46	13.21	48.878	31.89	8.2	7.9	63.6	1.455	95.4
361	5/26/2009 6:01	13.58	48.746	31.81	8.35	7.89	13.5	1.286	97.8
362	5/26/2009 6:16	13.72	48.658	31.75	8.39	7.93	13	1.106	98.5
363	5/26/2009 6:31	13.9	48.604	31.72	8.4	7.94	14.8	0.922	99
364	5/26/2009 6:46	13.97	48.578	31.7	8.41	7.93	15.9	0.747	99.2
365	5/26/2009 7:01	14.12	48.524	31.66	8.39	7.95	18.3	0.59	99.3
366	5/26/2009 7:16	14.23	48.472	31.63	8.36	7.96	15.6	0.448	99.1
367	5/26/2009 7:31	14.31	48.425	31.6	8.38	7.96	11.4	0.371	99.5
368	5/26/2009 7:46	14.44	48.359	31.55	8.33	7.96	8.9	0.343	99.1
369	5/26/2009 8:01	14.48	48.351	31.55	8.45	7.96	11.3	0.365	100.7
370	5/26/2009 8:16	14.63	48.334	31.54	8.56	7.98	8.9	0.446	102.2
371	5/26/2009 8:31	14.51	48.362	31.56	8.49	7.95	11	0.532	101.2
372	5/26/2009 8:46	14.55	48.331	31.54	8.47	7.97	12.8	0.611	101
373	5/26/2009 9:01	14.54	48.337	31.54	8.51	7.96	12.2	0.705	101.5
374	5/26/2009 9:16	14.55	48.342	31.54	8.51	7.96	11.8	0.753	101.5
375	5/26/2009 9:31	14.63	48.305	31.52	8.46	7.95	12.6	0.805	101
376	5/26/2009 9:46	14.55	48.307	31.52	8.42	7.97	12.5	0.877	100.4
377	5/26/2009 10:01	14.7	48.116	31.38	8.4	7.95	14.5	0.96	100.3
378	5/26/2009 10:16	14.51	48.075	31.35	8.26	7.93	12.4	1.054	98.3
379	5/26/2009 10:31	14.63	48.06	31.34	8.22	7.92	16.2	1.156	98.1
380	5/26/2009 10:46	14.34	48.307	31.51	8.29	7.94	14.4	1.27	98.4
381	5/26/2009 11:01	14.11	48.457	31.62	8.29	7.94	12.3	1.395	98
382	5/26/2009 11:16	14.2	48.407	31.58	8.3	7.93	9.2	1.508	98.3
383	5/26/2009 11:31	14.05	48.566	31.69	8.26	7.9	9	1.628	97.6
384	5/26/2009 11:46	13.78	48.779	31.84	8.24	7.9	11.8	1.759	96.8
385	5/26/2009 12:01	13.57	48.907	31.92	8.17	7.89	11.3	1.877	95.7
386	5/26/2009 12:16	13.5	48.955	31.96	8.17	7.89	10.8	1.996	95.6
387	5/26/2009 12:31	13.36	49.011	31.99	8.16	7.85	12.1	2.104	95.2
388	5/26/2009 12:46	13.34	49.051	32.02	8.21	7.89	12.6	2.212	95.8
389	5/26/2009 13:01	13.11	49.112	32.06	8.19	7.88	13.3	2.308	95.1
390	5/26/2009 13:16	12.77	49.195	32.1	8.1	7.85	16.1	2.402	93.5
391	5/26/2009 13:31	12.5	49.319	32.18	8.04	7.83	15.1	2.483	92.3
392	5/26/2009 13:46	11.66	49.679	32.41	7.85	7.79	14	2.553	88.7
393	5/26/2009 14:01	11.35	49.849	32.51	7.84	7.75	12.5	2.635	88.1
394	5/26/2009 14:16	11.17	49.95	32.58	7.77	7.74	12.7	2.699	86.9
395	5/26/2009 14:31	11.11	49.98	32.6	7.79	7.77	11.9	2.759	87.1
396	5/26/2009 14:46	11.05	50.019	32.62	7.8	7.81	9.9	2.819	87
397	5/26/2009 15:01	10.99	50.044	32.64	7.74	7.74	7.9	2.864	86.3
398	5/26/2009 15:16	10.95	50.055	32.64	7.69	7.76	5.2	2.885	85.7
399	5/26/2009 15:31	11.23	49.998	32.61	7.9	7.78	6	2.896	88.5
400	5/26/2009 15:46	11.07	50.022	32.62	7.68	7.77	5.5	2.894	85.7
401	5/26/2009 16:01	11.06	50.027	32.63	7.69	7.78	6.2	2.85	85.8
402	5/26/2009 16:16	11.2	49.992	32.61	7.88	7.82	7.3	2.789	88.2
403	5/26/2009 16:31	11.99	49.834	32.54	8.53	7.84	8.9	2.734	97.1
404	5/26/2009 16:46	12.28	49.817	32.54	8.73	7.88	8.2	2.665	100
405	5/26/2009 17:01	12.89	49.689	32.47	9.32	7.92	8.3	2.571	108.1
406	5/26/2009 17:16	12.87	49.727	32.5	9.27	7.93	7.9	2.488	107.4
407	5/26/2009 17:31	13.14	49.658	32.46	9.62	7.93	8.9	2.404	112.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
408	5/26/2009 17:46	13.51	49.406	32.29	9.45	7.95	9.6	2.33	110.9
409	5/26/2009 18:01	13.73	49.344	32.25	9.37	7.95	9.5	2.247	110.3
410	5/26/2009 18:16	14.05	49.198	32.15	9.51	7.96	9	2.182	112.7
411	5/26/2009 18:31	14.31	49.046	32.05	9.36	7.96	8.9	2.128	111.4
412	5/26/2009 18:46	14.47	49.034	32.04	9.55	7.99	8.5	2.064	114.1
413	5/26/2009 19:01	14.68	48.919	31.97	9.58	7.99	8.4	2.008	114.8
414	5/26/2009 19:16	14.95	48.781	31.87	9.55	8	8.3	1.994	115
415	5/26/2009 19:31	15.03	48.743	31.85	9.54	8.01	7.8	1.951	115.1
416	5/26/2009 19:46	15.08	48.733	31.84	9.53	8.02	7.3	1.937	115.1
417	5/26/2009 20:01	15.16	48.696	31.81	9.47	8.02	6	1.946	114.6
418	5/26/2009 20:16	14.93	48.787	31.88	9.52	8	7.1	1.953	114.7
419	5/26/2009 20:31	14.92	48.762	31.86	9.48	8	6.5	1.986	114.1
420	5/26/2009 20:46	14.92	48.75	31.85	9.44	7.99	7.1	2.028	113.6
421	5/26/2009 21:01	14.76	48.814	31.89	9.36	7.98	7.4	2.086	112.3
422	5/26/2009 21:16	14.56	48.903	31.95	9.23	7.95	7.5	2.16	110.3
423	5/26/2009 21:31	14.99	48.784	31.87	9	7.96	9.5	2.229	108.5
424	5/26/2009 21:46	14.39	48.972	32	9.08	7.94	8.2	2.31	108.3
425	5/26/2009 22:01	13.94	49.13	32.1	8.93	7.92	8.3	2.386	105.6
426	5/26/2009 22:16	13.31	49.36	32.25	8.62	7.89	8.2	2.466	100.7
427	5/26/2009 22:31	12.74	49.527	32.34	8.32	7.85	9.8	2.551	96.1
428	5/26/2009 22:46	12.21	49.687	32.44	8.07	7.84	9	2.628	92.3
429	5/26/2009 23:01	11.86	49.809	32.51	7.89	7.77	7.4	2.718	89.6
430	5/26/2009 23:16	11.51	49.927	32.58	7.76	7.82	9.3	2.808	87.5
431	5/26/2009 23:31	10.97	50.091	32.67	7.58	7.73	10.4	2.899	84.5
432	5/26/2009 23:46	10.71	50.188	32.72	7.54	8.02	10.8	2.984	83.6
433	5/27/2009 0:01	10.44	50.269	32.77	7.57	7.74	10.5	3.086	83.4
434	5/27/2009 0:16	10.2	50.347	32.81	7.61	7.76	10.1	3.181	83.5
435	5/27/2009 0:31	10.02	50.395	32.83	7.76	7.79	9.2	3.255	84.8
436	5/27/2009 0:46	9.86	50.424	32.84	8.01	7.81	7.9	3.347	87.3
437	5/27/2009 1:01	9.81	50.449	32.85	8.26	8.09	7	3.424	89.9
438	5/27/2009 1:16	9.81	50.461	32.86	8.39	8.08	5.2	3.478	91.3
439	5/27/2009 1:31	9.87	50.453	32.86	8.46	8.15	4.6	3.532	92.2
440	5/27/2009 1:46	9.83	50.464	32.87	8.59	8.12	4.2	3.572	93.5
441	5/27/2009 2:01	9.87	50.417	32.83	8.44	8.16	2.3	3.588	92
442	5/27/2009 2:16	10.01	50.291	32.75	8.14	7.79	3.4	3.588	88.9
443	5/27/2009 2:31	9.94	50.408	32.83	8.26	8.07	3.6	3.547	90.1
444	5/27/2009 2:46	9.98	50.333	32.78	8.12	8.06	4.1	3.499	88.6
445	5/27/2009 3:01	10.11	50.281	32.75	7.87	8.04	4.8	3.433	86.1
446	5/27/2009 3:16	10.47	50.166	32.69	7.38	8.03	5.2	3.327	81.4
447	5/27/2009 3:31	10.3	50.205	32.71	7.62	8.07	5.6	3.214	83.8
448	5/27/2009 3:46	11.06	50.014	32.62	7.56	7.76	5.7	3.105	84.4
449	5/27/2009 4:01	11.21	49.982	32.6	7.63	8.11	7	2.977	85.4
450	5/27/2009 4:16	11.54	49.918	32.57	7.69	7.77	6	2.846	86.7
451	5/27/2009 4:31	11.65	49.876	32.55	7.83	7.86	6.4	2.721	88.5
452	5/27/2009 4:46	11.43	49.917	32.57	7.64	7.77	5.3	2.586	86
453	5/27/2009 5:01	12.38	49.599	32.38	7.84	7.83	9.3	2.459	89.9
454	5/27/2009 5:16	12.33	49.764	32.5	7.59	7.83	7.3	2.313	87
455	5/27/2009 5:31	12.47	49.603	32.39	7.75	7.79	8.4	2.147	89
456	5/27/2009 5:46	12.63	49.608	32.4	7.77	7.8	8.9	1.993	89.6
457	5/27/2009 6:01	13.36	49.273	32.18	7.88	7.86	10.6	1.827	92
458	5/27/2009 6:16	13.36	49.247	32.17	7.87	7.87	10.7	1.671	91.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
459	5/27/2009 6:31	13.84	49.121	32.09	7.92	7.88	13.7	1.503	93.4
460	5/27/2009 6:46	14.19	49.006	32.02	7.93	7.91	13.3	1.337	94.1
461	5/27/2009 7:01	14.43	48.915	31.96	7.97	7.89	13.3	1.159	95
462	5/27/2009 7:16	14.59	48.875	31.93	8.01	7.9	13.2	0.988	95.9
463	5/27/2009 7:31	14.96	48.751	31.85	8.02	7.91	15	0.822	96.7
464	5/27/2009 7:46	15.31	48.655	31.79	7.97	7.94	16.4	0.671	96.7
465	5/27/2009 8:01	15.34	48.656	31.79	7.96	7.94	15.5	0.542	96.6
466	5/27/2009 8:16	15.46	48.621	31.77	7.87	7.93	11.7	0.455	95.7
467	5/27/2009 8:31	15.84	48.492	31.68	7.78	7.96	10.3	0.407	95.2
468	5/27/2009 8:46	15.7	48.536	31.71	7.88	7.94	12.1	0.422	96.2
469	5/27/2009 9:01	15.76	48.53	31.71	7.96	7.96	9.6	0.46	97.4
470	5/27/2009 9:16	15.69	48.545	31.72	7.98	7.96	9.5	0.546	97.4
471	5/27/2009 9:31	15.59	48.554	31.72	8.01	7.95	9.8	0.653	97.6
472	5/27/2009 9:46	15.57	48.543	31.71	7.98	7.95	11.1	0.716	97.3
473	5/27/2009 10:01	15.55	48.549	31.72	7.94	7.95	11.2	0.779	96.7
474	5/27/2009 10:16	15.67	48.35	31.57	7.9	7.94	13.7	0.854	96.3
475	5/27/2009 10:31	15.59	48.416	31.62	7.89	7.94	10.8	0.9	96.1
476	5/27/2009 10:46	15.85	48.13	31.42	7.75	7.92	13	0.981	94.8
477	5/27/2009 11:01	15.62	48.296	31.53	7.74	7.92	11	1.079	94.3
478	5/27/2009 11:16	15.46	48.466	31.65	7.79	7.91	13.2	1.163	94.6
479	5/27/2009 11:31	15.35	48.475	31.66	7.74	7.92	13.1	1.265	93.8
480	5/27/2009 11:46	15.09	48.615	31.75	7.9	7.9	12.8	1.374	95.4
481	5/27/2009 12:01	14.91	48.692	31.81	7.9	7.9	12.5	1.493	95
482	5/27/2009 12:16	14.35	48.924	31.96	7.92	7.88	10.6	1.61	94.3
483	5/27/2009 12:31	14.2	49.021	32.03	7.95	7.89	11.3	1.726	94.4
484	5/27/2009 12:46	14.17	49.083	32.07	7.99	7.89	11.1	1.842	94.9
485	5/27/2009 13:01	14.06	49.126	32.1	8.02	7.88	10.6	1.96	95
486	5/27/2009 13:16	14.01	49.152	32.12	8.04	7.87	11.6	2.069	95.2
487	5/27/2009 13:31	13.83	49.164	32.12	8.09	7.86	12.8	2.162	95.4
488	5/27/2009 13:46	13.54	49.255	32.18	8.06	7.86	14.3	2.269	94.5
489	5/27/2009 14:01	13.23	49.359	32.24	8.06	7.82	15.5	2.357	93.9
490	5/27/2009 14:16	13	49.465	32.31	8.08	7.86	14.6	2.439	93.8
491	5/27/2009 14:31	12.59	49.574	32.37	8.09	7.82	13.4	2.518	93.2
492	5/27/2009 14:46	11.94	49.82	32.52	8.21	7.85	14.1	2.595	93.3
493	5/27/2009 15:01	11.63	49.959	32.61	8.28	7.79	12.6	2.668	93.6
494	5/27/2009 15:16	11.51	50.004	32.63	8.29	7.84	11.5	2.726	93.5
495	5/27/2009 15:31	11.5	50.013	32.64	8.3	7.81	9.4	2.779	93.5
496	5/27/2009 15:46	11.46	50.027	32.65	8.27	7.8	8.8	2.834	93.1
497	5/27/2009 16:01	11.42	50.015	32.64	8.19	7.55		2.864	92.1
498	5/27/2009 16:16	11.37	50.067	32.67	8.16	8.01	4.2	2.872	91.7
499	5/27/2009 16:31	11.42	50.044	32.66	8.08	7.78	4.9	2.87	90.9
500	5/27/2009 16:46	11.4	50.043	32.66	8.16	8.13	5.9	2.852	91.8
501	5/27/2009 17:01	11.47	50.032	32.65	8.19	7.81	7	2.803	92.3
502	5/27/2009 17:16	11.93	49.953	32.62	8.5	8.1	6.5	2.734	96.6
503	5/27/2009 17:31	12.64	49.774	32.52	9.07	7.92	12	2.659	104.7
504	5/27/2009 17:46	12.83	49.694	32.47	9.09	7.93	11.7	2.584	105.2
505	5/27/2009 18:01	12.96	49.654	32.45	8.97	8.19	9.5	2.503	104.1
506	5/27/2009 18:16	13.56	49.54	32.39	9.82	7.95	8.4	2.41	115.4
507	5/27/2009 18:31	13.85	49.526	32.38	9.71	7.98	8.2	2.347	114.7
508	5/27/2009 18:46	14.04	49.381	32.28	9.58	7.98	7.3	2.278	113.6
509	5/27/2009 19:01	14.26	49.298	32.23	9.61	7.97	7.8	2.2	114.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
510	5/27/2009 19:16	14.47	49.307	32.24	10	8.01	7.3	2.14	119.6
511	5/27/2009 19:31	14.51	49.255	32.21	10.03	8.01	6.7	2.083	119.9
512	5/27/2009 19:46	14.68	49.26	32.21	10.12	8.02	7.1	2.02	121.5
513	5/27/2009 20:01	14.84	49.166	32.15	10.05	8.24	6.9	1.975	121
514	5/27/2009 20:16	15.08	49.034	32.06	9.82	8.23	6.5	1.948	118.7
515	5/27/2009 20:31	15.15	49.016	32.05	9.7	7.99	6	1.91	117.5
516	5/27/2009 20:46	15.29	48.935	31.99	9.49	7.99	5.4	1.9	115.2
517	5/27/2009 21:01	15.17	49.023	32.05	9.63	7.99	6.7	1.907	116.7
518	5/27/2009 21:16	15.04	49.056	32.07	9.66	7.99	6.2	1.929	116.7
519	5/27/2009 21:31	14.93	49.067	32.08	9.58	7.99	6.3	1.965	115.5
520	5/27/2009 21:46	14.82	49.085	32.09	9.41	7.96	6.8	2.003	113.2
521	5/27/2009 22:01	14.73	49.089	32.09	9.26	8.22	6.3	2.061	111.1
522	5/27/2009 22:16	14.86	49.04	32.06	9	7.96	7.9	2.129	108.3
523	5/27/2009 22:31	14.62	49.117	32.11	8.91	7.92	6.8	2.2	106.7
524	5/27/2009 22:46	14.29	49.201	32.16	8.87	8.18	7.4	2.267	105.6
525	5/27/2009 23:01	13.85	49.341	32.25	8.79	8.14	7	2.346	103.8
526	5/27/2009 23:16	13.36	49.505	32.35	8.71	7.88	6.5	2.413	101.9
527	5/27/2009 23:31	12.95	49.607	32.41	8.51	8.12	7	2.49	98.7
528	5/27/2009 23:46	12.51	49.739	32.49	8.39	8.11	7.2	2.571	96.5
529	5/28/2009 0:01	12.25	49.819	32.54	8.33	8.12	7.3	2.647	95.3
530	5/28/2009 0:16	12.08	49.869	32.56	8.26	8.08	7	2.734	94.2
531	5/28/2009 0:31	11.62	49.999	32.64	8.1	8.07	8.9	2.816	91.5
532	5/28/2009 0:46	11.18	50.131	32.71	8.04	8.12	8.2	2.899	90
533	5/28/2009 1:01	10.84	50.221	32.75	7.93	8.12	9.2	2.992	88.2
534	5/28/2009 1:16	10.52	50.331	32.82	7.81	8.09	8.4	3.071	86.3
535	5/28/2009 1:31	10.28	50.384	32.84	7.76	8.11	8.3	3.145	85.3
536	5/28/2009 1:46	10.09	50.429	32.86	7.68	8.1	7.9	3.224	84.1
537	5/28/2009 2:01	9.88	50.479	32.88	7.62	8.06	7	3.287	83.1
538	5/28/2009 2:16	9.8	50.51	32.9	7.63	8.1	6.3	3.349	83.1
539	5/28/2009 2:31	9.67	50.541	32.91	7.67	8.09	5.2	3.387	83.3
540	5/28/2009 2:46	9.67	50.543	32.91	7.65	8.09	3.7	3.427	83.1
541	5/28/2009 3:01	9.69	50.539	32.91	7.64	8.09	2.4	3.447	82.9
542	5/28/2009 3:16	9.89	50.486	32.89	7.52	8.08	4.1	3.43	82
543	5/28/2009 3:31	9.76	50.528	32.91	7.57	8.06	3.4	3.415	82.4
544	5/28/2009 3:46	9.89	50.495	32.89	7.57	8.11	3.5	3.362	82.5
545	5/28/2009 4:01	10.21	50.343	32.8	7.55	8.03	5.4	3.274	82.8
546	5/28/2009 4:16	10.68	50.257	32.77	7.61	8.04	4.7	3.196	84.4
547	5/28/2009 4:31	10.92	50.245	32.78	7.59	8.1	5.1	3.087	84.5
548	5/28/2009 4:46	11.36	50.037	32.65	7.65	8.07	5.9	2.977	86
549	5/28/2009 5:01	11.45	50.021	32.64	7.71	8.08	6.5	2.855	86.8
550	5/28/2009 5:16	11.63	49.961	32.61	7.68	7.55	5.5	2.728	86.8
551	5/28/2009 5:31	11.92	49.874	32.56	7.91	8.07	7.8	2.616	89.9
552	5/28/2009 5:46	12.02	49.88	32.57	7.82	8.07	7.1	2.477	89.1
553	5/28/2009 6:01	12.69	49.676	32.45	7.93	8.08	8.9	2.347	91.5
554	5/28/2009 6:16	12.71	49.635	32.42	7.97	8.06	8.2	2.212	92
555	5/28/2009 6:31	13.01	49.553	32.37	7.8	8.1	8.4	2.073	90.6
556	5/28/2009 6:46	12.89	49.543	32.36	7.95	7.85	8.2	1.926	92.1
557	5/28/2009 7:01	13.17	49.484	32.33	8.07	8.15	9	1.761	94
558	5/28/2009 7:16	13.64	49.338	32.24	8.17	8.16	10.6	1.616	96
559	5/28/2009 7:31	13.75	49.294	32.21	8.26	8.14	10.4	1.453	97.4
560	5/28/2009 7:46	14.33	49.128	32.11	8.32	8.13	10.6	1.289	99.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
561	5/28/2009 8:01	14.78	49	32.03	8.33	7.96	10.2	1.136	100.1
562	5/28/2009 8:16	15.12	48.901	31.96	8.31	7.96	11	0.981	100.5
563	5/28/2009 8:31	15.45	48.813	31.91	8.32	7.95	11.3	0.854	101.2
564	5/28/2009 8:46	15.57	48.807	31.9	8.32	7.96	11.4	0.73	101.4
565	5/28/2009 9:01	15.72	48.784	31.89	8.27	7.97	14.3	0.634	101.2
566	5/28/2009 9:16	15.91	48.735	31.86	8.26	7.98	11.8	0.564	101.4
567	5/28/2009 9:31	15.8	48.78	31.89	8.34	7.97	12.5	0.564	102.2
568	5/28/2009 9:46	15.68	48.812	31.91	8.33	7.96	9	0.576	101.9
569	5/28/2009 10:01	15.71	48.799	31.9	8.31	7.96	9.4	0.636	101.7
570	5/28/2009 10:16	15.82	48.809	31.91	8.32	7.95	8.9	0.726	102
571	5/28/2009 10:31	15.75	48.815	31.91	8.35	7.96	10.9	0.786	102.3
572	5/28/2009 10:46	15.8	48.815	31.91	8.32	7.96	11.1	0.858	102
573	5/28/2009 11:01	15.9	48.738	31.86	8.28	7.94	11.4	0.921	101.6
574	5/28/2009 11:16	15.62	48.748	31.86	8.2	7.93	10.7	0.98	100.1
575	5/28/2009 11:31	15.78	48.624	31.78	8.15	7.92	13.2	1.05	99.8
576	5/28/2009 11:46	15.79	48.611	31.77	8.11	7.93	11.1	1.124	99.2
577	5/28/2009 12:01	15.33	48.707	31.83	8.05	7.92	8.5	1.218	97.7
578	5/28/2009 12:16	15.35	48.73	31.84	8.17	7.94	8.5	1.314	99.2
579	5/28/2009 12:31	15.16	48.839	31.92	8.21	7.91	7.9	1.407	99.3
580	5/28/2009 12:46	14.91	48.925	31.98	8.19	7.92	7.4	1.521	98.6
581	5/28/2009 13:01	14.58	49.042	32.05	8.13	7.9	7.9	1.639	97.3
582	5/28/2009 13:16	14.33	49.16	32.13	8.12	7.88	8.2	1.745	96.7
583	5/28/2009 13:31	14.41	49.203	32.17	8.16	7.89	8.5	1.87	97.4
584	5/28/2009 13:46	14.25	49.276	32.21	8.2	7.87	9.3	1.98	97.6
585	5/28/2009 14:01	14.17	49.302	32.23	8.19	7.88	9.5	2.083	97.4
586	5/28/2009 14:16	14.06	49.358	32.27	8.22	7.87	9	2.189	97.5
587	5/28/2009 14:31	13.92	49.359	32.27	8.21	7.86	11.4	2.282	97.2
588	5/28/2009 14:46	13.52	49.484	32.34	8.32	7.88	13.3	2.376	97.7
589	5/28/2009 15:01	13.28	49.567	32.39	8.37	7.88	13.6	2.456	97.8
590	5/28/2009 15:16	13.03	49.648	32.44	8.38	7.82	11	2.543	97.4
591	5/28/2009 15:31	12.21	49.896	32.59	8.41	7.84	13.6	2.616	96.2
592	5/28/2009 15:46	11.89	50.035	32.68	8.5	7.84	9.4	2.688	96.6
593	5/28/2009 16:01	11.71	50.1	32.71	8.48	7.8	9	2.759	96.1
594	5/28/2009 16:16	11.64	50.129	32.73	8.48	7.84	7.4	2.816	95.9
595	5/28/2009 16:31	11.66	50.1	32.71	8.52	7.88	7	2.872	96.4
596	5/28/2009 16:46	11.56	50.178	32.76	8.41	7.85	6.5	2.909	95
597	5/28/2009 17:01	11.28	50.222	32.78	8.15	7.82	4.3	2.942	91.5
598	5/28/2009 17:16	11.67	50.168	32.76	8.5	7.85	4.2	2.951	96.3
599	5/28/2009 17:31	11.49	50.172	32.76	8.18	7.81	4.3	2.929	92.3
600	5/28/2009 17:46	11.33	50.207	32.77	8.16	7.84	5	2.902	91.7
601	5/28/2009 18:01	11.51	50.159	32.75	8.25	7.86	5.4	2.845	93.1
602	5/28/2009 18:16	11.98	50.088	32.72	8.75	7.87	6.9	2.779	99.7
603	5/28/2009 18:31	12.6	49.97	32.66	9.11	7.94	7	2.707	105.1
604	5/28/2009 18:46	12.85	49.877	32.6	9.36	7.89	7.2	2.631	108.5
605	5/28/2009 19:01	13.41	49.838	32.6	9.94	7.99	7.1	2.537	116.6
606	5/28/2009 19:16	13.94	49.651	32.48	9.86	7.98	7	2.45	116.8
607	5/28/2009 19:31	13.92	49.673	32.49	9.94	8	6.7	2.386	117.7
608	5/28/2009 19:46	14.11	49.618	32.46	9.81	7.97	7.1	2.312	116.6
609	5/28/2009 20:01	14.31	49.555	32.42	9.92	7.99	7.3	2.238	118.3
610	5/28/2009 20:16	14.4	49.558	32.42	9.84	7.99	7.2	2.176	117.6
611	5/28/2009 20:31	14.56	49.444	32.35	9.55	8.24	6.5	2.116	114.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
612	5/28/2009 20:46	14.77	49.381	32.31	9.62	8.01	6.8	2.072	115.8
613	5/28/2009 21:01	15.08	49.258	32.22	9.58	8	6.7	2.017	116
614	5/28/2009 21:16	15.21	49.227	32.2	9.53	8.01	6	1.977	115.7
615	5/28/2009 21:31	15.3	49.195	32.18	9.47	8	6	1.959	115.1
616	5/28/2009 21:46	15.42	49.149	32.15	9.39	8	5.2	1.939	114.4
617	5/28/2009 22:01	15.5	49.125	32.13	9.24	7.98	4.6	1.935	112.7
618	5/28/2009 22:16	15.37	49.149	32.15	9.45	8.18	5.6	1.941	115
619	5/28/2009 22:31	15.19	49.212	32.19	9.43	7.98	5.6	1.959	114.4
620	5/28/2009 22:46	15.09	49.232	32.2	9.29	7.98	5.8	2.005	112.5
621	5/28/2009 23:01	15.02	49.25	32.22	9.27	7.97	5.9	2.047	112.1
622	5/28/2009 23:16	14.87	49.289	32.24	9.19	7.96	5.4	2.102	110.8
623	5/28/2009 23:31	15.01	49.251	32.22	8.98	8.19	7	2.173	108.5
624	5/28/2009 23:46	14.74	49.318	32.26	8.91	7.92	5.9	2.239	107.1
625	5/29/2009 0:01	14.46	49.385	32.3	8.94	8.13	6	2.308	106.9
626	5/29/2009 0:16	14.02	49.514	32.38	8.89	8.18	5.9	2.374	105.4
627	5/29/2009 0:31	13.62	49.609	32.44	8.76	7.88	5.9	2.45	103.1
628	5/29/2009 0:46	13.25	49.694	32.49	8.58	8.16	6.9	2.532	100.2
629	5/29/2009 1:01	12.85	49.793	32.54	8.42	8.12	5.9	2.589	97.6
630	5/29/2009 1:16	12.6	49.868	32.59	8.37	7.88	5.9	2.675	96.5
631	5/29/2009 1:31	12.32	49.947	32.63	8.28	8.09	6.6	2.754	95
632	5/29/2009 1:46	11.85	50.065	32.7	8.15	8.1	6.2	2.823	92.6
633	5/29/2009 2:01	11.45	50.166	32.75	8.06	8.11	7	2.903	90.8
634	5/29/2009 2:16	11.21	50.219	32.77	7.98	7.82	7	2.978	89.5
635	5/29/2009 2:31	11.01	50.273	32.8	7.97	8.13	6.3	3.049	89
636	5/29/2009 2:46	10.82	50.318	32.82	7.95	8.06	5.9	3.105	88.5
637	5/29/2009 3:01	10.57	50.399	32.87	8.01	8.13	5.8	3.167	88.7
638	5/29/2009 3:16	10.51	50.406	32.87	8.07	8.07	4.7	3.214	89.2
639	5/29/2009 3:31	10.44	50.427	32.88	8.14	8.11	3.8	3.244	89.8
640	5/29/2009 3:46	10.4	50.439	32.89	8.2	8.15	3.1	3.281	90.5
641	5/29/2009 4:01	10.81	50.353	32.85	7.94	8.13	3.8	3.287	88.3
642	5/29/2009 4:16	10.53	50.406	32.87	7.95	8.14	3.4	3.279	87.9
643	5/29/2009 4:31	10.38	50.437	32.88	8.18	8.12	3.2	3.26	90.1
644	5/29/2009 4:46	10.64	50.532	32.97	8.06	8.11	4	3.21	89.4
645	5/29/2009 5:01	11.57	50.113	32.72	7.8	8.09	4.7	3.14	88.1
646	5/29/2009 5:16	11.44	50.161	32.74	7.79	8.12	4.9	3.065	87.8
647	5/29/2009 5:31	11.9	50.051	32.69	7.65	8.11	4.5	2.977	87
648	5/29/2009 5:46	12.02	49.999	32.66	7.71	8.06	5.2	2.876	87.9
649	5/29/2009 6:01	12.16	49.966	32.64	7.76	8.11	5.8	2.769	88.7
650	5/29/2009 6:16	12.51	49.86	32.58	7.85	7.8	6.2	2.662	90.4
651	5/29/2009 6:31	12.73	49.808	32.55	7.92	8.07	6.9	2.547	91.6
652	5/29/2009 6:46	12.9	49.766	32.53	7.93	8.1	7	2.431	92
653	5/29/2009 7:01	13.25	49.686	32.48	7.81	8.06	6.5	2.312	91.2
654	5/29/2009 7:16	13.42	49.658	32.47	7.84	8.07	6.3	2.192	91.9
655	5/29/2009 7:31	13.72	49.552	32.4	8.06	8.11	6.9	2.048	95
656	5/29/2009 7:46	14.06	49.505	32.38	8.22	7.89	8.1	1.915	97.6
657	5/29/2009 8:01	14.25	49.425	32.32	8.28	7.89	7.4	1.794	98.6
658	5/29/2009 8:16	14.32	49.407	32.31	8.46	8.17	7.9	1.652	100.9
659	5/29/2009 8:31	14.75	49.273	32.23	8.48	7.94	8.8	1.517	102
660	5/29/2009 8:46	14.98	49.232	32.2	8.48	7.94	7.7	1.381	102.4
661	5/29/2009 9:01	15.29	49.159	32.16	8.51	7.95	8.1	1.245	103.4
662	5/29/2009 9:16	15.73	49.041	32.08	8.39	7.96	8.1	1.125	102.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
663	5/29/2009 9:31	16.01	48.977	32.04	8.35	7.99	7.7	1.022	102.8
664	5/29/2009 9:46	16.25	48.918	32	8.32	7.98	7.3	0.922	102.9
665	5/29/2009 10:01	16.41	48.885	31.97	8.31	8	8.4	0.855	103.1
666	5/29/2009 10:16	16.46	48.871	31.97	8.24	8	7.1	0.826	102.3
667	5/29/2009 10:31	16.43	48.881	31.97	8.34	8	9	0.796	103.5
668	5/29/2009 10:46	16.06	48.959	32.02	8.31	7.97	8.1	0.831	102.4
669	5/29/2009 11:01	16.24	48.933	32.01	8.41	7.99	6.8	0.878	104
670	5/29/2009 11:16	16.05	48.964	32.03	8.4	7.96	7.8	0.929	103.5
671	5/29/2009 11:31	16.1	48.962	32.03	8.43	7.97	7.6	0.991	104
672	5/29/2009 11:46	16.11	48.993	32.05	8.44	7.97	7.9	1.065	104.2
673	5/29/2009 12:01	16.3	48.769	31.89	8.26	7.95	10.3	1.145	102.1
674	5/29/2009 12:16	16.34	48.685	31.83	8.07	7.91	10.4	1.211	99.9
675	5/29/2009 12:31	16.29	48.693	31.83	8.06	7.94	9	1.283	99.7
676	5/29/2009 12:46	15.89	48.872	31.96	8.15	7.94	7	1.375	100.1
677	5/29/2009 13:01	15.78	48.932	32	8.3	7.93	6.8	1.464	101.7
678	5/29/2009 13:16	15.58	49.003	32.05	8.34	7.93	6.3	1.541	101.8
679	5/29/2009 13:31	15.39	49.056	32.08	8.32	7.93	5.8	1.638	101.3
680	5/29/2009 13:46	14.99	49.205	32.18	8.28	7.92	6.7	1.761	100
681	5/29/2009 14:01	14.85	49.261	32.22	8.26	8.15	6.4	1.851	99.4
682	5/29/2009 14:16	14.82	49.294	32.24	8.28	7.89	6.9	1.947	99.7
683	5/29/2009 14:31	14.82	49.342	32.28	8.36	7.87	7.1	2.063	100.7
684	5/29/2009 14:46	14.72	49.39	32.31	8.45	7.89	7.8	2.156	101.6
685	5/29/2009 15:01	14.48	49.414	32.32	8.48	7.89	8.4	2.256	101.5
686	5/29/2009 15:16	14.15	49.453	32.34	8.44	7.89	8.7	2.341	100.3
687	5/29/2009 15:31	13.85	49.543	32.4	8.37	7.86	9.9	2.433	98.9
688	5/29/2009 15:46	13.6	49.61	32.44	8.49	7.86	12.8	2.514	99.9
689	5/29/2009 16:01	13.31	49.709	32.5	8.6	7.85	10.3	2.594	100.6
690	5/29/2009 16:16	12.9	49.796	32.55	8.71	7.87	11.3	2.676	101
691	5/29/2009 16:31	12.25	49.983	32.66	9.23	7.91	10.1	2.749	105.7
692	5/29/2009 16:46	11.95	50.089	32.72	9.51	7.92	8.7	2.825	108.3
693	5/29/2009 17:01	11.87	50.105	32.73	9.58	7.95	7.7	2.89	108.9
694	5/29/2009 17:16	11.81	50.138	32.75	9.71	8.19	7.4	2.952	110.2
695	5/29/2009 17:31	11.81	50.161	32.76	9.78	7.95	5.3	2.998	111
696	5/29/2009 17:46	11.75	50.159	32.76	9.8	8.25	4.3	3.03	111.1
697	5/29/2009 18:01	11.69	50.15	32.75	9.78	8.25	3.3	3.056	110.8
698	5/29/2009 18:16	11.95	50.114	32.74	9.56	8.19	4.2	3.044	108.8
699	5/29/2009 18:31	11.76	50.136	32.74	9.74	8.24	4.2	3.02	110.5
700	5/29/2009 18:46	11.79	50.131	32.74	9.71	7.95	4.6	2.985	110.2
701	5/29/2009 19:01	12.01	50.128	32.75	9.62	8.2	5	2.924	109.7
702	5/29/2009 19:16	12.54	50.021	32.7	9.68	7.91	5.7	2.845	111.6
703	5/29/2009 19:31	12.81	49.939	32.65	9.8	8.2	8.3	2.766	113.6
704	5/29/2009 19:46	13.09	49.818	32.57	9.72	7.94	7.8	2.687	113.2
705	5/29/2009 20:01	13.43	49.76	32.54	9.81	7.93	7.7	2.595	115.1
706	5/29/2009 20:16	13.55	49.763	32.55	9.67	7.96	6.6	2.523	113.7
707	5/29/2009 20:31	13.63	49.707	32.51	9.37	7.92	6.8	2.446	110.3
708	5/29/2009 20:46	13.94	49.629	32.46	9.27	7.96	6.2	2.363	109.8
709	5/29/2009 21:01	14.14	49.583	32.44	9.13	7.95	6.5	2.303	108.6
710	5/29/2009 21:16	14.25	49.53	32.4	9	7.94	6.7	2.232	107.3
711	5/29/2009 21:31	14.39	49.499	32.38	9	7.94	5.7	2.166	107.5
712	5/29/2009 21:46	14.81	49.383	32.31	8.96	8.18	6	2.11	108
713	5/29/2009 22:01	15	49.331	32.27	8.97	7.95	5.8	2.063	108.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
714	5/29/2009 22:16	15.13	49.302	32.26	9.01	7.97	6.2	2.011	109.2
715	5/29/2009 22:31	15.34	49.256	32.23	9.02	7.98	6	1.964	109.8
716	5/29/2009 22:46	15.5	49.22	32.2	9.03	7.98	5.7	1.929	110.2
717	5/29/2009 23:01	15.69	49.158	32.16	9	8.21	5.1	1.924	110.2
718	5/29/2009 23:16	15.66	49.198	32.19	8.91	7.97	4.3	1.911	109.1
719	5/29/2009 23:31	15.44	49.222	32.2	9.03	7.97	5.6	1.912	110
720	5/29/2009 23:46	15.36	49.239	32.22	8.95	7.96	5.1	1.939	108.9
721	5/30/2009 0:01	15.18	49.291	32.25	8.83	7.95	5.3	1.966	107.1
722	5/30/2009 0:16	15.14	49.281	32.24	8.84	7.97	5.4	2.012	107.2
723	5/30/2009 0:31	14.98	49.323	32.27	8.79	7.94	5.2	2.069	106.2
724	5/30/2009 0:46	15.21	49.276	32.24	8.72	7.95	6.7	2.127	105.8
725	5/30/2009 1:01	15	49.316	32.26	8.68	7.95	5.6	2.195	105
726	5/30/2009 1:16	14.69	49.398	32.32	8.72	7.93	5.6	2.257	104.8
727	5/30/2009 1:31	14.37	49.473	32.36	8.73	8.18	5.7	2.329	104.2
728	5/30/2009 1:46	14	49.566	32.42	8.71	8.16	5.4	2.383	103.3
729	5/30/2009 2:01	13.78	49.618	32.45	8.72	8.14	5.4	2.45	103
730	5/30/2009 2:16	13.41	49.704	32.5	8.7	7.9	5.5	2.519	102
731	5/30/2009 2:31	13.19	49.757	32.53	8.72	8.14	5.3	2.575	101.7
732	5/30/2009 2:46	12.99	49.806	32.56	8.8	8.18	5.4	2.648	102.2
733	5/30/2009 3:01	12.84	49.835	32.57	8.8	8.15	5.1	2.707	102
734	5/30/2009 3:16	12.53	49.904	32.61	8.95	8.19	5.4	2.772	103.1
735	5/30/2009 3:31	12.32	49.945	32.63	9.03	8.14	5.4	2.836	103.6
736	5/30/2009 3:46	12.09	49.993	32.66	9.18	8.18	5.2	2.89	104.8
737	5/30/2009 4:01	11.99	50.008	32.66	9.23	8.19	4.6	2.947	105.2
738	5/30/2009 4:16	11.97	50.023	32.67	9.2	8.19	4.5	2.992	104.8
739	5/30/2009 4:31	11.73	50.063	32.69	9.34	8.2	4.5	3.035	105.8
740	5/30/2009 4:46	11.61	50.066	32.68	9.39	8.2	4.4	3.07	106.1
741	5/30/2009 5:01	11.51	50.08	32.69	9.33	8.17	3.1	3.081	105.3
742	5/30/2009 5:16	11.76	50.087	32.71	9.14	8.22	4	3.088	103.6
743	5/30/2009 5:31	11.49	50.09	32.7	9.17	8.16	3.3	3.08	103.4
744	5/30/2009 5:46	11.5	50.079	32.69	9.28	8.22	3.4	3.04	104.6
745	5/30/2009 6:01	11.67	50.069	32.69	9.11	8.21	4	2.984	103.1
746	5/30/2009 6:16	12.6	49.877	32.59	8.45	8.1	5.3	2.921	97.4
747	5/30/2009 6:31	12.61	49.859	32.58	8.55	8.17	6.4	2.849	98.7
748	5/30/2009 6:46	12.73	49.838	32.57	8.52	7.87	5.6	2.762	98.5
749	5/30/2009 7:01	12.83	49.841	32.58	8.48	8.15	6.1	2.67	98.3
750	5/30/2009 7:16	13.28	49.706	32.5	8.11	8.09	5.8	2.565	94.8
751	5/30/2009 7:31	13.56	49.63	32.45	7.95	8.1	5.8	2.466	93.4
752	5/30/2009 7:46	13.91	49.539	32.4	7.78	8.12	5.9	2.373	92.1
753	5/30/2009 8:01	14.12	49.482	32.36	7.69	8.09	5.6	2.262	91.4
754	5/30/2009 8:16	14.33	49.436	32.33	7.84	7.86	7.4	2.137	93.6
755	5/30/2009 8:31	14.22	49.471	32.36	7.96	8.08	6.2	2.031	94.7
756	5/30/2009 8:46	14.53	49.404	32.32	8.1	8.12	7.8	1.913	97.1
757	5/30/2009 9:01	14.86	49.38	32.31	8.21	8.17	7.2	1.786	99
758	5/30/2009 9:16	14.61	49.381	32.3	8.39	7.94	7.1	1.664	100.7
759	5/30/2009 9:31	14.81	49.379	32.3	8.47	8.14	7	1.556	102
760	5/30/2009 9:46	14.84	49.399	32.32	8.54	8.17	6.9	1.44	102.9
761	5/30/2009 10:01	15.26	49.297	32.26	8.43	7.94	7.6	1.328	102.5
762	5/30/2009 10:16	15.36	49.27	32.24	8.34	7.96	7	1.242	101.5
763	5/30/2009 10:31	15.67	49.212	32.2	8.28	8.19	6.7	1.151	101.4
764	5/30/2009 10:46	16	49.15	32.16	8.28	7.97	6.2	1.095	102

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
765	5/30/2009 11:01	15.9	49.164	32.17	8.13	7.95	6.2	1.059	99.9
766	5/30/2009 11:16	16.05	49.133	32.15	8.16	7.96	6.7	1.033	100.7
767	5/30/2009 11:31	16.21	49.093	32.12	8.23	7.99	6	1.031	101.7
768	5/30/2009 11:46	16.02	49.144	32.16	8.27	7.96	6.7	1.049	102
769	5/30/2009 12:01	16.01	49.137	32.15	8.35	7.97	5.2	1.101	102.9
770	5/30/2009 12:16	15.91	49.153	32.16	8.32	7.96	5.7	1.137	102.4
771	5/30/2009 12:31	15.97	49.137	32.15	8.3	7.97	5.2	1.184	102.3
772	5/30/2009 12:46	15.91	49.135	32.15	8.3	7.98	5.7	1.27	102.1
773	5/30/2009 13:01	15.79	49.151	32.16	8.25	7.95	6	1.346	101.2
774	5/30/2009 13:16	16.01	48.992	32.05	8.05	7.96	7	1.397	99.2
775	5/30/2009 13:31	15.82	49.065	32.1	8.02	7.94	5.6	1.482	98.4
776	5/30/2009 13:46	15.8	49.041	32.08	7.92	8.14	6	1.574	97.1
777	5/30/2009 14:01	15.72	49.064	32.09	8.07	7.93	6.3	1.657	98.9
778	5/30/2009 14:16	15.45	49.152	32.15	8.1	7.93	5.1	1.743	98.7
779	5/30/2009 14:31	15.22	49.213	32.19	8.13	7.91	5.4	1.844	98.7
780	5/30/2009 14:46	14.79	49.329	32.27	8.17	7.91	5.7	1.94	98.3
781	5/30/2009 15:01	14.7	49.385	32.31	8.22	7.92	7.1	2.034	98.8
782	5/30/2009 15:16	14.43	49.458	32.35	8.27	7.91	6.4	2.129	98.8
783	5/30/2009 15:31	14.37	49.477	32.36	8.34	7.91	7.1	2.225	99.6
784	5/30/2009 15:46	14.3	49.494	32.38	8.4	8.11	7.3	2.315	100.1
785	5/30/2009 16:01	14.12	49.529	32.4	8.56	7.9	7.3	2.4	101.7
786	5/30/2009 16:16	13.84	49.523	32.38	8.66	7.88	8.5	2.491	102.4
787	5/30/2009 16:31	13.44	49.611	32.43	9.1	7.94	11	2.581	106.7
788	5/30/2009 16:46	13.16	49.695	32.48	9.31	7.9	11.1	2.658	108.5
789	5/30/2009 17:01	12.95	49.733	32.5	9.65	7.95	8.6	2.744	112
790	5/30/2009 17:16	12.29	49.836	32.55	10.34	8	9.8	2.832	118.5
791	5/30/2009 17:31	11.99	49.898	32.58	10.93	8.02	9.5	2.901	124.4
792	5/30/2009 17:46	11.88	49.933	32.6	11.3	8.07	8.7	2.975	128.4
793	5/30/2009 18:01	11.74	49.947	32.6	11.6	8.02	7.9	3.04	131.4
794	5/30/2009 18:16	11.7	49.952	32.61	11.76	8.07	7	3.097	133.1
795	5/30/2009 18:31	11.62	49.952	32.6	11.85	8.05	6.2	3.135	133.9
796	5/30/2009 18:46	11.58	49.951	32.6	12	8.1	3.4	3.154	135.4
797	5/30/2009 19:01	11.85	49.945	32.61	11.45	8.09	5.2	3.16	129.9
798	5/30/2009 19:16	11.73	49.939	32.6	11.65	8.04	4.8	3.148	132
799	5/30/2009 19:31	11.64	49.952	32.6	11.9	8.12	5.5	3.108	134.5
800	5/30/2009 19:46	11.83	49.942	32.61	11.56	8.37	5.9	3.038	131.2
801	5/30/2009 20:01	12.84	49.781	32.53	10.71	8.04	6.7	2.959	124.1
802	5/30/2009 20:16	12.74	49.793	32.54	10.82	8.03	6	2.888	125.2
803	5/30/2009 20:31	12.92	49.752	32.52	10.47	7.98	7	2.798	121.5
804	5/30/2009 20:46	13.06	49.728	32.5	10.17	8.25	6.2	2.708	118.3
805	5/30/2009 21:01	13.31	49.654	32.46	9.77	8	6.9	2.629	114.3
806	5/30/2009 21:16	13.36	49.671	32.47	9.64	7.94	5.9	2.548	112.8
807	5/30/2009 21:31	13.4	49.666	32.47	9.5	7.98	5.6	2.473	111.3
808	5/30/2009 21:46	13.65	49.593	32.43	9.3	7.97	6.1	2.391	109.5
809	5/30/2009 22:01	13.86	49.57	32.42	9.13	7.96	5.8	2.324	108
810	5/30/2009 22:16	14.16	49.511	32.38	8.92	7.91	5.4	2.249	106.1
811	5/30/2009 22:31	14.36	49.461	32.35	8.74	7.96	5.4	2.176	104.4
812	5/30/2009 22:46	14.23	49.511	32.39	8.74	7.94	6	2.107	104.1
813	5/30/2009 23:01	14.77	49.365	32.29	8.59	7.94	6	2.037	103.4
814	5/30/2009 23:16	15.03	49.321	32.27	8.64	7.97	6.2	1.986	104.5
815	5/30/2009 23:31	15.2	49.28	32.24	8.68	7.98	5.9	1.92	105.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
816	5/30/2009 23:46	15.25	49.28	32.24	8.73	7.99	5.9	1.866	106.1
817	5/31/2009 0:01	15.47	49.239	32.22	8.68	7.99	5.7	1.837	105.9
818	5/31/2009 0:16	15.53	49.235	32.22	8.65	7.98	5.6	1.807	105.7
819	5/31/2009 0:31	15.71	49.186	32.18	8.58	8	4.8	1.809	105.2
820	5/31/2009 0:46	15.6	49.194	32.19	8.73	8.01	5.1	1.797	106.7
821	5/31/2009 1:01	15.45	49.223	32.21	8.7	7.98	6.3	1.815	106.1
822	5/31/2009 1:16	15.28	49.244	32.22	8.52	7.97	5.6	1.861	103.5
823	5/31/2009 1:31	15.16	49.259	32.23	8.45	7.95	6	1.906	102.4
824	5/31/2009 1:46	15.08	49.27	32.23	8.37	7.94	5.8	1.946	101.2
825	5/31/2009 2:01	15.15	49.219	32.2	8.33	7.94	6	2.014	100.9
826	5/31/2009 2:16	15.19	49.186	32.17	8.25	7.95	6.8	2.084	100.1
827	5/31/2009 2:31	14.85	49.297	32.25	8.33	7.93	5.6	2.137	100.4
828	5/31/2009 2:46	14.69	49.337	32.27	8.35	7.91	5.2	2.203	100.2
829	5/31/2009 3:01	14.47	49.38	32.3	8.42	7.94	4.9	2.262	100.7
830	5/31/2009 3:16	14.21	49.439	32.33	8.52	7.89	4.9	2.321	101.4
831	5/31/2009 3:31	13.91	49.501	32.37	8.66	7.92	5.1	2.385	102.4
832	5/31/2009 3:46	13.6	49.564	32.4	8.86	7.92	5.1	2.442	104.2
833	5/31/2009 4:01	13.52	49.582	32.41	8.92	7.92	4.9	2.499	104.7
834	5/31/2009 4:16	13.39	49.608	32.43	9.01	7.93	4.9	2.558	105.5
835	5/31/2009 4:31	13.29	49.629	32.44	9.08	8.16	4.8	2.62	106.1
836	5/31/2009 4:46	13.12	49.658	32.46	9.24	8.23	5.1	2.669	107.6
837	5/31/2009 5:01	12.93	49.69	32.47	9.4	7.95	4.8	2.72	109
838	5/31/2009 5:16	12.74	49.724	32.49	9.58	7.98	4.8	2.772	110.8
839	5/31/2009 5:31	12.63	49.746	32.5	9.69	8.24	4.9	2.818	111.7
840	5/31/2009 5:46	12.57	49.751	32.5	9.75	7.97	5	2.852	112.3
841	5/31/2009 6:01	12.49	49.759	32.5	9.72	8.23	4.5	2.872	111.8
842	5/31/2009 6:16	12.71	49.676	32.45	9.4	8.21	4.3	2.889	108.6
843	5/31/2009 6:31	12.57	49.745	32.5	9.46	8.25	3.7	2.891	108.9
844	5/31/2009 6:46	12.49	49.758	32.5	9.56	7.93	3.5	2.864	109.9
845	5/31/2009 7:01	12.5	49.751	32.5	9.55	8.2	3.6	2.84	109.9
846	5/31/2009 7:16	12.97	49.668	32.46	9.15	7.93	4.3	2.784	106.2
847	5/31/2009 7:31	13.15	49.598	32.41	8.89	7.95	5.2	2.715	103.6
848	5/31/2009 7:46	13.3	49.581	32.41	8.59	7.91	5.5	2.657	100.4
849	5/31/2009 8:01	13.34	49.586	32.41	8.6	8.19	5.1	2.576	100.6
850	5/31/2009 8:16	13.57	49.54	32.39	8.41	7.9	6	2.483	98.8
851	5/31/2009 8:31	13.72	49.512	32.37	8.29	7.9	5.9	2.398	97.7
852	5/31/2009 8:46	13.94	49.472	32.35	8.12	7.89	5.9	2.32	96.1
853	5/31/2009 9:01	14.1	49.442	32.33	8.12	7.89	5.9	2.227	96.4
854	5/31/2009 9:16	14.39	49.383	32.3	8.09	7.9	5.8	2.132	96.6
855	5/31/2009 9:31	14.43	49.393	32.3	8.32	8.17	5.9	2.04	99.4
856	5/31/2009 9:46	14.45	49.426	32.33	8.74	8.17	6.2	1.944	104.5
857	5/31/2009 10:01	14.49	49.415	32.32	8.84	7.98	6.4	1.853	105.8
858	5/31/2009 10:16	14.89	49.326	32.27	8.92	7.98	5.7	1.751	107.6
859	5/31/2009 10:31	15.04	49.303	32.25	8.86	7.97	5.8	1.644	107.2
860	5/31/2009 10:46	15.31	49.251	32.22	8.77	8.23	5.9	1.563	106.6
861	5/31/2009 11:01	15.4	49.238	32.22	8.79	8.22	6.2	1.495	107.1
862	5/31/2009 11:16	15.63	49.201	32.19	8.69	8.02	5.9	1.422	106.3
863	5/31/2009 11:31	15.76	49.17	32.17	8.76	7.98	6.2	1.346	107.4
864	5/31/2009 11:46	15.77	49.174	32.18	8.67	8.01	5.9	1.306	106.4
865	5/31/2009 12:01	15.94	49.119	32.14	8.44	8.01	4.8	1.28	103.8
866	5/31/2009 12:16	15.98	49.132	32.15	8.46	8.19	4.2	1.262	104.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
867	5/31/2009 12:31	15.86	49.129	32.14	8.65	8.01	5.2	1.258	106.2
868	5/31/2009 12:46	15.94	49.139	32.15	8.63	8	5.2	1.262	106.2
869	5/31/2009 13:01	15.86	49.126	32.14	8.46	7.98	4.9	1.318	104
870	5/31/2009 13:16	15.62	49.172	32.17	8.44	7.97	5.3	1.348	103.2
871	5/31/2009 13:31	15.66	49.181	32.18	8.46	7.99	5.8	1.406	103.6
872	5/31/2009 13:46	15.54	49.171	32.17	8.43	7.97	5.2	1.472	102.9
873	5/31/2009 14:01	15.8	49.014	32.06	8.26	7.95	7.1	1.547	101.3
874	5/31/2009 14:16	15.73	49.035	32.07	8.22	7.97	6	1.634	100.7
875	5/31/2009 14:31	15.64	49.066	32.09	8.16	8.14	5.6	1.697	99.8
876	5/31/2009 14:46	15.49	49.121	32.13	8.29	7.96	5.6	1.785	101.2
877	5/31/2009 15:01	15.32	49.165	32.16	8.26	8.16	5	1.864	100.5
878	5/31/2009 15:16	15	49.221	32.19	8.28	8.16	5.1	1.952	100.1
879	5/31/2009 15:31	14.82	49.261	32.22	8.36	7.92	5.4	2.033	100.7
880	5/31/2009 15:46	14.66	49.323	32.26	8.48	8.13	5.5	2.117	101.7
881	5/31/2009 16:01	14.48	49.365	32.29	8.52	8.13	5.5	2.203	101.9
882	5/31/2009 16:16	14.36	49.396	32.31	8.61	7.89	5.5	2.295	102.7
883	5/31/2009 16:31	14.33	49.421	32.32	8.79	7.94	6.3	2.378	104.8
884	5/31/2009 16:46	14.3	49.437	32.33	9.07	8.21	6.5	2.458	108.2
885	5/31/2009 17:01	13.89	49.447	32.33	9.25	7.95	7.6	2.543	109.4
886	5/31/2009 17:16	13.62	49.486	32.35	9.78	8	9.8	2.628	115
887	5/31/2009 17:31	13.42	49.519	32.37	10.33	8.23	9.1	2.71	121
888	5/31/2009 17:46	13.11	49.594	32.41	10.81	8.07	9.2	2.794	125.8
889	5/31/2009 18:01	12.69	49.681	32.46	11.31	8.3	10.1	2.871	130.5
890	5/31/2009 18:16	12.36	49.748	32.49	11.81	8.36	11.1	2.951	135.5
891	5/31/2009 18:31	12.17	49.798	32.52	12.56	8.41	10.6	3.027	143.4
892	5/31/2009 18:46	12.17	49.803	32.52	12.83	8.43	11.7	3.087	146.5
893	5/31/2009 19:01	12.1	49.811	32.52	12.92	8.42	9.4	3.143	147.4
894	5/31/2009 19:16	12.05	49.828	32.53	12.85	8.17	7.9	3.185	146.5
895	5/31/2009 19:31	11.97	49.852	32.55	12.86	8.46	6	3.217	146.3
896	5/31/2009 19:46	12.29	49.778	32.51	12.39	8.41	4	3.217	141.9
897	5/31/2009 20:01	12.04	49.848	32.55	12.61	8.45	6.7	3.204	143.7
898	5/31/2009 20:16	12.04	49.84	32.54	12.64	8.45	6.6	3.169	144
899	5/31/2009 20:31	12.08	49.831	32.54	12.68	8.41	6.2	3.124	144.6
900	5/31/2009 20:46	13.02	49.652	32.45	11.52	8.34	6	3.041	133.8
901	5/31/2009 21:01	12.66	49.754	32.51	11.75	8.39	6.5	2.949	135.6
902	5/31/2009 21:16	13.03	49.675	32.46	11.19	8.33	6.7	2.876	130.1
903	5/31/2009 21:31	13.34	49.589	32.41	10.91	8.32	7.8	2.787	127.6
904	5/31/2009 21:46	13.39	49.571	32.4	10.62	8.06	6.2	2.693	124.3
905	5/31/2009 22:01	13.53	49.52	32.37	10.35	8.05	5.6	2.602	121.5
906	5/31/2009 22:16	13.68	49.516	32.37	10.18	8.25	5.6	2.513	119.9
907	5/31/2009 22:31	14.06	49.471	32.35	9.88	8.01	6.3	2.435	117.2
908	5/31/2009 22:46	14.26	49.418	32.32	9.8	8	5.6	2.351	116.7
909	5/31/2009 23:01	14.49	49.389	32.3	9.47	8.02	5.7	2.246	113.3
910	5/31/2009 23:16	14.56	49.372	32.29	9.21	7.99	5.2	2.175	110.3
911	5/31/2009 23:31	15.11	49.255	32.22	9.01	7.98	6.2	2.091	109.1
912	5/31/2009 23:46	15.09	49.271	32.23	9.07	8.01	6	2	109.8
913	6/1/2009 0:01	15.18	49.303	32.26	9.15	8.01	6.4	1.912	111
914	6/1/2009 0:16	15.43	49.251	32.23	9.07	8.01	6.5	1.825	110.6
915	6/1/2009 0:31	15.53	49.255	32.23	9.16	8.25	6.4	1.761	111.9
916	6/1/2009 0:46	15.9	49.194	32.19	9.26	8.02	5.9	1.703	113.9
917	6/1/2009 1:01	15.74	49.22	32.21	9.15	8.05	5.7	1.63	112.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
918	6/1/2009 1:16	15.88	49.179	32.18	9.09	8.25	5	1.597	111.7
919	6/1/2009 1:31	16.04	49.145	32.16	9.07	8.04	4.4	1.597	111.8
920	6/1/2009 1:46	15.99	49.167	32.17	9.03	8.05	5.5	1.584	111.3
921	6/1/2009 2:01	15.89	49.168	32.17	9.12	8.04	5.1	1.594	112.1
922	6/1/2009 2:16	15.93	49.164	32.17	9.09	8.04	5.1	1.622	111.9
923	6/1/2009 2:31	15.8	49.155	32.16	9.02	8.05	5.5	1.683	110.7
924	6/1/2009 2:46	15.71	49.186	32.18	8.93	7.99	5.4	1.731	109.4
925	6/1/2009 3:01	15.64	49.192	32.19	8.86	8.01	5.9	1.798	108.4
926	6/1/2009 3:16	15.88	49.039	32.08	8.59	8.01	7.6	1.872	105.6
927	6/1/2009 3:31	15.89	49.003	32.05	8.5	8	7.5	1.923	104.4
928	6/1/2009 3:46	15.64	49.081	32.11	8.6	7.98	6.8	2	105.2
929	6/1/2009 4:01	15.42	49.131	32.14	8.66	8.02	6	2.047	105.4
930	6/1/2009 4:16	15.24	49.174	32.16	8.62	7.98	5.4	2.108	104.7
931	6/1/2009 4:31	14.94	49.248	32.21	8.7	8.22	5.1	2.164	105
932	6/1/2009 4:46	14.68	49.205	32.17	8.85	7.95	4.8	2.223	106.2
933	6/1/2009 5:01	14.38	49.348	32.27	8.98	7.97	4.8	2.279	107.2
934	6/1/2009 5:16	14.15	49.391	32.3	9.13	8.22	4.6	2.328	108.4
935	6/1/2009 5:31	14.09	49.366	32.28	9.16	7.97	4.7	2.387	108.7
936	6/1/2009 5:46	13.93	49.433	32.32	9.25	7.98	4.9	2.445	109.4
937	6/1/2009 6:01	13.84	49.452	32.33	9.37	8.2	4.8	2.502	110.7
938	6/1/2009 6:16	13.69	49.476	32.34	9.5	7.77	5.1	2.554	111.8
939	6/1/2009 6:31	13.54	49.493	32.35	9.64	8.22	5.1	2.597	113.2
940	6/1/2009 6:46	13.4	49.524	32.37	9.77	7.98	4.5	2.639	114.4
941	6/1/2009 7:01	13.29	49.54	32.38	9.89	8.26	4.5	2.68	115.6
942	6/1/2009 7:16	13.25	49.532	32.37	9.91	8.03	4.3	2.717	115.6
943	6/1/2009 7:31	13.21	49.547	32.38	9.85	8.28	2.9	2.721	114.9
944	6/1/2009 7:46	13.36	49.521	32.36	9.62	8.25	3.1	2.742	112.5
945	6/1/2009 8:01	13.23	49.531	32.37	9.6	8.29	2.9	2.734	112.1
946	6/1/2009 8:16	13.14	49.557	32.38	9.77	8.24	3.3	2.702	113.8
947	6/1/2009 8:31	13.19	49.551	32.38	9.73	8.24	3.7	2.673	113.4
948	6/1/2009 8:46	13.48	49.508	32.36	9.45	8.24	4	2.626	110.8
949	6/1/2009 9:01	13.63	49.459	32.33	9.15	8.2	5	2.557	107.6
950	6/1/2009 9:16	13.73	49.432	32.31	9.11	7.97	5.8	2.491	107.4
951	6/1/2009 9:31	13.96	49.401	32.3	8.9	7.93	6	2.413	105.3
952	6/1/2009 9:46	13.97	49.419	32.31	9.3	8.2	5.7	2.341	110.2
953	6/1/2009 10:01	14.09	49.396	32.3	9.25	8.24	5.9	2.253	109.8
954	6/1/2009 10:16	14.2	49.389	32.3	9.3	8.25	6.3	2.186	110.6
955	6/1/2009 10:31	14.37	49.364	32.28	9.05	8.19	5.7	2.103	108
956	6/1/2009 10:46	14.55	49.333	32.26	9.17	7.99	6	2.023	109.8
957	6/1/2009 11:01	14.59	49.34	32.27	9.29	8.27	6	1.946	111.4
958	6/1/2009 11:16	14.89	49.276	32.23	9.24	7.99	5.6	1.86	111.4
959	6/1/2009 11:31	14.93	49.284	32.24	9.55	8.28	5.5	1.801	115.2
960	6/1/2009 11:46	15.24	49.227	32.2	9.36	7.82	5.3	1.723	113.6
961	6/1/2009 12:01	15.32	49.218	32.2	9.46	8.24	5.2	1.651	115
962	6/1/2009 12:16	15.67	49.159	32.16	9	8.04	5.3	1.594	110.2
963	6/1/2009 12:31	15.72	49.163	32.17	9.19	8.01	5.6	1.542	112.6
964	6/1/2009 12:46	15.86	49.121	32.14	8.94	8.05	5.6	1.506	109.8
965	6/1/2009 13:01	15.86	49.139	32.15	8.86	8.03	5.2	1.472	108.8
966	6/1/2009 13:16	15.95	49.075	32.11	8.76	8.04	4.4	1.475	107.8
967	6/1/2009 13:31	15.84	49.129	32.14	8.97	8.02	5.4	1.48	110.2
968	6/1/2009 13:46	15.76	49.152	32.16	8.96	8.22	5.6	1.486	109.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
969	6/1/2009 14:01	15.75	49.138	32.15	8.88	8.24	5.4	1.538	108.9
970	6/1/2009 14:16	15.7	49.13	32.14	8.87	8.01	5.1	1.569	108.6
971	6/1/2009 14:31	15.68	49.138	32.15	8.8	8.02	5	1.634	107.8
972	6/1/2009 14:46	15.6	49.15	32.15	8.8	8.24	5.6	1.678	107.6
973	6/1/2009 15:01	15.8	49.032	32.07	8.64	7.8	6.2	1.763	106
974	6/1/2009 15:16	15.71	49.061	32.09	8.58	8.2	6.1	1.831	105.1
975	6/1/2009 15:31	15.55	49.099	32.12	8.56	8.2	5.4	1.895	104.5
976	6/1/2009 15:46	15.37	49.145	32.15	8.67	8.21	5	1.977	105.5
977	6/1/2009 16:01	15.15	49.174	32.16	8.66	8.17	5	2.056	104.9
978	6/1/2009 16:16	14.9	49.214	32.19	8.81	8.18	5.2	2.138	106.3
979	6/1/2009 16:31	14.77	49.255	32.21	9.04	8.18	6	2.206	108.7
980	6/1/2009 16:46	14.48	49.315	32.25	9.28	8.25	5.2	2.294	111
981	6/1/2009 17:01	14.35	49.361	32.28	9.33	8.2	6.2	2.377	111.3
982	6/1/2009 17:16	14.27	49.38	32.29	9.51	8.26	6.3	2.448	113.3
983	6/1/2009 17:31	14.14	49.409	32.31	9.72	8.23	7.4	2.534	115.5
984	6/1/2009 17:46	14.04	49.435	32.32	10	8.28	7.1	2.628	118.6
985	6/1/2009 18:01	13.69	49.431	32.31	10.35	8.27	9.5	2.707	121.8
986	6/1/2009 18:16	13.36	49.504	32.35	11.05	8.34	9.7	2.784	129.3
987	6/1/2009 18:31	13.11	49.567	32.39	11.3	8.4	8.8	2.88	131.6
988	6/1/2009 18:46	12.79	49.628	32.42	11.37	8.35	9.3	2.96	131.5
989	6/1/2009 19:01	12.48	49.694	32.46	11.47	7.86	11	3.04	131.8
990	6/1/2009 19:16	12.18	49.767	32.5	11.52	7.88	12.4	3.108	131.6
991	6/1/2009 19:31	11.96	49.807	32.51	11.7	7.9	9.6	3.164	133.1
992	6/1/2009 19:46	11.88	49.825	32.52	11.79	7.92	8.2	3.23	133.9
993	6/1/2009 20:01	11.86	49.821	32.52	11.78	8.42	6.7	3.258	133.7
994	6/1/2009 20:16	11.85	49.822	32.52	11.62	8.4	2.4	3.276	131.8
995	6/1/2009 20:31	12.12	49.782	32.5	11.38	7.91	4.8	3.297	129.8
996	6/1/2009 20:46	11.86	49.839	32.53	11.44	7.91	6.2	3.273	129.9
997	6/1/2009 21:01	11.86	49.81	32.51	11.58	8.42	8.4	3.242	131.4
998	6/1/2009 21:16	12.22	49.766	32.5	11.39	8.45	7	3.185	130.3
999	6/1/2009 21:31	12.94	49.618	32.42	10.88	7.89	8.1	3.11	126.2
1000	6/1/2009 21:46	12.81	49.63	32.42	10.86	8.41	6.2	3.044	125.7
1001	6/1/2009 22:01	13.13	49.55	32.38	10.68	8.07	6	2.948	124.3
1002	6/1/2009 22:16	13.42	49.517	32.36	10.5	8.31	6.5	2.847	123
1003	6/1/2009 22:31	13.54	49.486	32.35	10.4	8.24	7.4	2.757	122.1
1004	6/1/2009 22:46	13.66	49.467	32.34	10.33	8.32	8.1	2.662	121.6
1005	6/1/2009 23:01	13.9	49.419	32.31	10.12	8.3	6.3	2.579	119.6
1006	6/1/2009 23:16	13.99	49.41	32.3	9.8	8.27	5.7	2.471	116.1
1007	6/1/2009 23:31	14.34	49.342	32.26	9.51	7.83	5.8	2.382	113.4
1008	6/1/2009 23:46	14.18	49.365	32.28	9.5	8.04	5.5	2.288	112.9
1009	6/2/2009 0:01	14.22	48.295	31.5	9.55	8.08	5.6	2.193	113.1
1010	6/2/2009 0:16	14.76	49.276	32.23	9.14	8.03	6.1	2.087	109.9
1011	6/2/2009 0:31	14.52	49.309	32.25	9.19	8.23	6.5	1.978	110
1012	6/2/2009 0:46	14.8	49.268	32.22	9.12	8.25	6.4	1.891	109.7
1013	6/2/2009 1:01	15.02	49.248	32.21	9.09	8.25	6.4	1.778	109.8
1014	6/2/2009 1:16	15.14	49.22	32.2	9.04	7.83	7.7	1.687	109.5
1015	6/2/2009 1:31	15.16	49.234	32.21	9.02	8.02	6.4	1.606	109.3
1016	6/2/2009 1:46	15.61	49.155	32.16	9.09	8.06	5.7	1.527	111.2
1017	6/2/2009 2:01	15.76	49.116	32.13	8.99	8.07	5.4	1.484	110.2
1018	6/2/2009 2:16	15.99	49.101	32.13	8.98	7.88	5.2	1.431	110.6
1019	6/2/2009 2:31	15.91	49.102	32.13	8.9	8.07	4.9	1.398	109.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1020	6/2/2009 2:46	16.01	49.068	32.1	8.83	8.05	4.2	1.4	108.8
1021	6/2/2009 3:01	15.98	49.091	32.12	8.98	7.84	4.8	1.416	110.5
1022	6/2/2009 3:16	15.96	49.096	32.12	8.99	8.27	5	1.444	110.7
1023	6/2/2009 3:31	15.87	49.088	32.11	8.94	8.07	5.1	1.471	109.8
1024	6/2/2009 3:46	15.89	49.063	32.1	9	8.08	4.9	1.53	110.6
1025	6/2/2009 4:01	15.78	49.091	32.12	8.93	8.27	5.4	1.602	109.5
1026	6/2/2009 4:16	15.99	48.929	32	8.59	8.26	7.9	1.662	105.7
1027	6/2/2009 4:31	15.97	48.895	31.98	8.47	8.02	7.9	1.726	104.2
1028	6/2/2009 4:46	15.94	48.885	31.97	8.43	8.25	7.7	1.806	103.6
1029	6/2/2009 5:01	15.78	48.928	32	8.53	8.01	8	1.863	104.5
1030	6/2/2009 5:16	15.56	49.03	32.07	8.65	8.03	7.2	1.928	105.6
1031	6/2/2009 5:31	15.38	49.038	32.07	8.68	8.2	6.2	1.996	105.5
1032	6/2/2009 5:46	15.1	49.147	32.14	8.74	8.23	6.2	2.054	105.8
1033	6/2/2009 6:01	14.87	49.177	32.16	8.81	8.25	5.2	2.117	106.1
1034	6/2/2009 6:16	14.58	49.23	32.19	8.98	8.26	5	2.182	107.5
1035	6/2/2009 6:31	14.5	49.248	32.2	9	8.26	5.2	2.245	107.7
1036	6/2/2009 6:46	14.43	49.26	32.21	9.02	8.26	5.3	2.296	107.8
1037	6/2/2009 7:01	14.27	49.272	32.21	9.15	8	4.8	2.357	109
1038	6/2/2009 7:16	14.19	49.292	32.22	9.2	8.27	4.8	2.42	109.4
1039	6/2/2009 7:31	14.14	49.26	32.2	9.2	8.02	4.7	2.463	109.2
1040	6/2/2009 7:46	13.91	49.304	32.22	9.35	8.26	4.3	2.52	110.5
1041	6/2/2009 8:01	13.82	49.32	32.23	9.36	8.29	4.8	2.56	110.5
1042	6/2/2009 8:16	13.75	49.343	32.25	9.36	8.29	4.6	2.603	110.3
1043	6/2/2009 8:31	13.59	49.362	32.26	9.47	8.3	4.6	2.642	111.2
1044	6/2/2009 8:46	13.51	49.361	32.25	9.45	8.29	4.2	2.668	110.8
1045	6/2/2009 9:01	13.42	49.367	32.25	9.42	8.05	2.9	2.683	110.3
1046	6/2/2009 9:16	13.5	49.419	32.3	9.25	8.25	2.7	2.677	108.5
1047	6/2/2009 9:31	13.38	49.396	32.27	9.32	7.83	2.7	2.685	109
1048	6/2/2009 9:46	13.37	49.394	32.27	9.34	8.28	3.5	2.647	109.2
1049	6/2/2009 10:01	13.55	49.359	32.25	9.32	8.3	4.3	2.594	109.3
1050	6/2/2009 10:16	13.9	49.316	32.23	9.11	8.26	4.6	2.552	107.7
1051	6/2/2009 10:31	14.01	49.286	32.21	8.97	8.22	5.1	2.492	106.3
1052	6/2/2009 10:46	14.07	49.283	32.21	9.06	7.78	5.9	2.425	107.5
1053	6/2/2009 11:01	14.3	49.25	32.2	8.93	7.79	8	2.344	106.3
1054	6/2/2009 11:16	14.37	49.255	32.2	8.9	7.76	6.7	2.277	106.2
1055	6/2/2009 11:31	14.5	49.221	32.18	8.91	7.78	5.8	2.216	106.6
1056	6/2/2009 11:46	14.66	49.174	32.15	8.95	8	6.5	2.131	107.4
1057	6/2/2009 12:01	14.81	49.211	32.18	9.29	7.82	6.6	2.07	111.8
1058	6/2/2009 12:16	14.99	49.181	32.16	9.23	8.26	6.7	2.003	111.5
1059	6/2/2009 12:31	14.98	49.197	32.18	9.45	8.28	6.7	1.938	114.1
1060	6/2/2009 12:46	15.11	49.137	32.13	9.54	8.31	7	1.878	115.5
1061	6/2/2009 13:01	15.21	49.142	32.14	9.27	8.29	6.2	1.811	112.4
1062	6/2/2009 13:16	15.36	49.107	32.12	9.15	8.18	5.9	1.756	111.3
1063	6/2/2009 13:31	15.41	48.937	32	9.24	8.08	6.3	1.721	112.5
1064	6/2/2009 13:46	15.52	49.037	32.07	9.21	8.26	5.5	1.692	112.3
1065	6/2/2009 14:01	15.66	49.003	32.05	9.08	8.18	4.9	1.673	111
1066	6/2/2009 14:16	15.73	48.993	32.04	8.89	8.24	4.4	1.674	108.8
1067	6/2/2009 14:31	15.68	48.988	32.04	9.05	8.03	5.8	1.679	110.7
1068	6/2/2009 14:46	15.62	49.037	32.07	9.12	8.26	5.2	1.715	111.5
1069	6/2/2009 15:01	15.55	49.049	32.08	9.03	8.26	5.6	1.736	110.3
1070	6/2/2009 15:16	15.52	49.046	32.08	8.94	8.25	5.2	1.789	109.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1071	6/2/2009 15:31	15.47	49.053	32.08	8.87	7.83	5.5	1.844	108.1
1072	6/2/2009 15:46	15.4	49.049	32.08	8.77	7.79	5.9	1.902	106.7
1073	6/2/2009 16:01	15.48	48.996	32.04	8.72	8	6.5	1.969	106.2
1074	6/2/2009 16:16	15.36	49.035	32.07	8.67	8.22	5.6	2.034	105.4
1075	6/2/2009 16:31	15.15	49.094	32.1	8.68	8.13	5.5	2.103	105.2
1076	6/2/2009 16:46	14.98	49.123	32.12	8.76	8.13	5.2	2.168	105.7
1077	6/2/2009 17:01	14.74	49.157	32.14	8.88	8.26	5.2	2.241	106.7
1078	6/2/2009 17:16	14.49	49.214	32.18	9.08	8.24	5.6	2.311	108.6
1079	6/2/2009 17:31	14.29	49.262	32.21	9.16	8.15	5.4	2.382	109.1
1080	6/2/2009 17:46	14.2	49.28	32.22	9.2	7.92	6	2.464	109.4
1081	6/2/2009 18:01	14.07	49.333	32.25	9.29	7.79	6.2	2.542	110.2
1082	6/2/2009 18:16	13.81	49.388	32.28	9.48	8.15	7.4	2.622	111.9
1083	6/2/2009 18:31	13.54	49.412	32.29	9.7	7.83	7.4	2.706	113.9
1084	6/2/2009 18:46	13.19	49.439	32.3	9.89	8.29	8.9	2.786	115.3
1085	6/2/2009 19:01	12.82	49.49	32.32	10.18	8.31	7.8	2.873	117.8
1086	6/2/2009 19:16	12.65	49.607	32.4	10.39	8.26	7.4	2.964	119.8
1087	6/2/2009 19:31	12.38	49.644	32.41	10.4	7.85	7.6	3.036	119.3
1088	6/2/2009 19:46	12.15	49.697	32.44	10.36	7.82	7.9	3.111	118.2
1089	6/2/2009 20:01	11.6	49.842	32.52	10.31	8	7.8	3.191	116.4
1090	6/2/2009 20:16	11.43	49.88	32.54	10.24	7.82	7.6	3.242	115.2
1091	6/2/2009 20:31	11.35	49.93	32.57	10.21	7.86	7.3	3.288	114.7
1092	6/2/2009 20:46	11.24	49.953	32.58	10.23	7.82	5	3.336	114.6
1093	6/2/2009 21:01	11.23	49.934	32.57	10.14	8.22	2.7	3.354	113.6
1094	6/2/2009 21:16	11.41	49.931	32.58	10.07	7.79	4	3.357	113.2
1095	6/2/2009 21:31	11.22	49.942	32.57	10.03	8.26	2.6	3.341	112.3
1096	6/2/2009 21:46	11.25	49.919	32.56	10.05	7.99	4.2	3.3	112.7
1097	6/2/2009 22:01	11.64	49.958	32.61	9.95	8.22	4.6	3.242	112.4
1098	6/2/2009 22:16	12.4	49.408	32.24	9.75	8.04	6.8	3.181	111.7
1099	6/2/2009 22:31	12.26	49.551	32.34	9.75	8.08	4.9	3.096	111.4
1100	6/2/2009 22:46	12.76	49.545	32.36	9.56	7.83	6	2.998	110.5
1101	6/2/2009 23:01	12.93	49.352	32.23	9.54	8.32	6.3	2.902	110.5
1102	6/2/2009 23:16	13.17	49.226	32.14	9.42	8.05	6.5	2.802	109.6
1103	6/2/2009 23:31	13.32	49.305	32.21	9.39	7.82	6.7	2.71	109.7
1104	6/2/2009 23:46	13.54	49.26	32.18	9.24	8.17	5.7	2.596	108.3
1105	6/3/2009 0:01	13.81	49.166	32.12	8.94	7.77	5.9	2.492	105.4
1106	6/3/2009 0:16	14.02	49.466	32.35	8.85	8.01	7.2	2.38	104.9
1107	6/3/2009 0:31	14.13	49.652	32.49	8.61	7.78	7	2.275	102.4
1108	6/3/2009 0:46	14.11	49.697	32.52	8.62	7.78	6.7	2.164	102.5
1109	6/3/2009 1:01	14.26	49.536	32.4	8.5	7.77	7.2	2.05	101.3
1110	6/3/2009 1:16	14.22	49.587	32.44	8.48	7.78	6.8	1.946	101
1111	6/3/2009 1:31	14.1	49.583	32.43	8.47	7.78	7	1.827	100.7
1112	6/3/2009 1:46	14.34	49.583	32.44	8.4	7.89	9	1.716	100.3
1113	6/3/2009 2:01	14.49	49.198	32.16	8.34	8.22	7.9	1.607	99.7
1114	6/3/2009 2:16	14.62	49.526	32.41	8.2	7.79	7.7	1.489	98.5
1115	6/3/2009 2:31	14.71	49.191	32.17	8.21	8.12	7.3	1.415	98.6
1116	6/3/2009 2:46	14.99	49.193	32.17	8.13	7.78	7	1.34	98.2
1117	6/3/2009 3:01	15.12	49.19	32.17	8.09	7.78	6.8	1.253	97.9
1118	6/3/2009 3:16	15.34	49.009	32.05	8.06	7.79	6.1	1.232	98
1119	6/3/2009 3:31	15.46	49.069	32.09	8.02	8.24	5.2	1.205	97.7
1120	6/3/2009 3:46	15.54	49.007	32.05	7.95	8.2	4.8	1.213	97.1
1121	6/3/2009 4:01	15.51	49.029	32.06	8.12	8.23	4.6	1.22	99.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1122	6/3/2009 4:16	15.49	48.98	32.03	8.17	8.01	4.7	1.276	99.6
1123	6/3/2009 4:31	15.49	49.076	32.1	8.15	8.23	5.4	1.313	99.4
1124	6/3/2009 4:46	15.46	49.029	32.06	8.13	8.23	5.7	1.387	99.1
1125	6/3/2009 5:01	15.38	49.042	32.07	8.11	8.01	6.6	1.443	98.6
1126	6/3/2009 5:16	15.45	48.874	31.95	7.78	8.11	8.1	1.502	94.7
1127	6/3/2009 5:31	15.42	48.824	31.91	7.72	8.19	8.2	1.598	93.9
1128	6/3/2009 5:46	15.35	48.85	31.93	7.73	7.77	8	1.642	93.8
1129	6/3/2009 6:01	15.25	48.944	32	7.87	8.1	7.8	1.726	95.5
1130	6/3/2009 6:16	15.11	49.025	32.05	7.94	8.11	7	1.797	96.1
1131	6/3/2009 6:31	14.99	49.062	32.08	7.98	7.77	6.6	1.869	96.3
1132	6/3/2009 6:46	14.84	49.112	32.11	8.04	8.2	7.4	1.943	96.8
1133	6/3/2009 7:01	14.71	49.144	32.13	8.11	8.19	8.3	2.011	97.3
1134	6/3/2009 7:16	14.49	49.202	32.17	8.23	7.76	7	2.087	98.4
1135	6/3/2009 7:31	14.39	49.185	32.15	8.29	8.11	6.6	2.153	98.9
1136	6/3/2009 7:46	14.28	49.203	32.16	8.38	8.01	6	2.225	99.7
1137	6/3/2009 8:01	14.21	49.261	32.2	8.42	7.79	5.7	2.289	100.1
1138	6/3/2009 8:16	14.17	49.245	32.19	8.43	7.76	5.5	2.352	100.1
1139	6/3/2009 8:31	13.99	49.269	32.2	8.55	7.78	5.6	2.418	101.2
1140	6/3/2009 8:46	13.85	49.279	32.2	8.6	8.24	5.4	2.472	101.5
1141	6/3/2009 9:01	13.72	49.305	32.22	8.64	8.15	5.2	2.533	101.8
1142	6/3/2009 9:16	13.6	49.324	32.23	8.7	7.95	5.7	2.575	102.2
1143	6/3/2009 9:31	13.36	49.322	32.22	8.82	8.16	4.7	2.621	103
1144	6/3/2009 9:46	13.27	49.335	32.23	8.86	8.16	4.9	2.665	103.4
1145	6/3/2009 10:01	13.25	49.367	32.25	8.82	8.15	3.8	2.693	102.9
1146	6/3/2009 10:16	13.25	49.389	32.26	8.76	8.16	3.5	2.705	102.2
1147	6/3/2009 10:31	13.26	49.415	32.28	8.63	8.14	3.5	2.706	100.6
1148	6/3/2009 10:46	13.17	49.358	32.24	8.66	7.76	3	2.704	100.8
1149	6/3/2009 11:01	13.15	49.39	32.26	8.72	7.8	3.1	2.673	101.5
1150	6/3/2009 11:16	13.33	49.38	32.26	8.64	8.18	3.5	2.625	100.9
1151	6/3/2009 11:31	13.66	49.347	32.25	8.68	8.13	5.6	2.574	102.1
1152	6/3/2009 11:46	13.87	49.228	32.17	8.78	7.8	7.8	2.509	103.6
1153	6/3/2009 12:01	13.9	49.268	32.2	8.76	7.76	5.8	2.459	103.5
1154	6/3/2009 12:16	14.11	49.233	32.18	8.72	8.16	6	2.365	103.5
1155	6/3/2009 12:31	14.24	49.249	32.19	8.72	8.15	6.3	2.306	103.7
1156	6/3/2009 12:46	14.37	49.219	32.18	8.73	8.15	7.1	2.24	104.1
1157	6/3/2009 13:01	14.54	49.165	32.14	8.74	8.24	5.6	2.168	104.6
1158	6/3/2009 13:16	14.78	49.159	32.14	8.91	7.85	6	2.106	107.2
1159	6/3/2009 13:31	14.94	49.119	32.12	8.81	7.81	5.8	2.047	106.3
1160	6/3/2009 13:46	15.12	49.124	32.13	8.99	7.86	5.9	1.994	108.9
1161	6/3/2009 14:01	15.2	49.145	32.14	9.02	7.84	5.4	1.949	109.4
1162	6/3/2009 14:16	15.25	49.089	32.1	8.96	7.84	5.1	1.881	108.7
1163	6/3/2009 14:31	15.47	49.073	32.1	9.17	8.19	5	1.862	111.7
1164	6/3/2009 14:46	15.45	49.141	32.15	9.18	8.17	5.1	1.861	111.8
1165	6/3/2009 15:01	15.46	49.103	32.12	9.28	7.87	5.4	1.827	113.1
1166	6/3/2009 15:16	15.49	48.469	31.66	9.18	8.1	5.1	1.822	111.7
1167	6/3/2009 15:31	15.51	49.053	32.08	8.97	7.86	5	1.851	109.4
1168	6/3/2009 15:46	15.37	49.052	32.08	8.84	8.17	5.9	1.89	107.5
1169	6/3/2009 16:01	15.36	49.062	32.09	8.65	8.13	5.4	1.913	105.2
1170	6/3/2009 16:16	15.39	48.974	32.02	8.69	7.8	5.3	1.961	105.6
1171	6/3/2009 16:31	15.22	49.058	32.08	8.57	8.22	5.1	2.004	103.9
1172	6/3/2009 16:46	15.24	49.01	32.05	8.55	7.96	7.8	2.083	103.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1173	6/3/2009 17:01	15.28	48.961	32.01	8.51	8.12	6.7	2.147	103.3
1174	6/3/2009 17:16	15	49.06	32.08	8.63	8.14	5.8	2.19	104.2
1175	6/3/2009 17:31	14.84	49.115	32.11	8.74	8.15	5.1	2.268	105.2
1176	6/3/2009 17:46	14.66	49.144	32.13	8.78	7.8	5.3	2.348	105.3
1177	6/3/2009 18:01	14.48	49.167	32.14	8.77	8.15	5.7	2.422	104.8
1178	6/3/2009 18:16	13.99	49.246	32.19	8.84	7.8	6.4	2.476	104.6
1179	6/3/2009 18:31	13.63	49.325	32.23	8.93	7.78	6	2.548	105
1180	6/3/2009 18:46	13.39	48.969	31.96	8.97	8.01	6.6	2.634	104.7
1181	6/3/2009 19:01	13.23	49.394	32.27	9.02	7.78	6.6	2.716	105.2
1182	6/3/2009 19:16	12.94	49.461	32.31	9.21	7.8	7.6	2.792	106.7
1183	6/3/2009 19:31	12.76	49.508	32.33	9.38	7.8	7.5	2.873	108.3
1184	6/3/2009 19:46	12.36	49.603	32.38	9.61	7.82	7.6	2.964	110.1
1185	6/3/2009 20:01	12.13	49.654	32.41	9.85	8.25	7.9	3.05	112.3
1186	6/3/2009 20:16	11.85	49.503	32.29	10.1	8.33	6.8	3.131	114.5
1187	6/3/2009 20:31	11.59	49.785	32.48	10.22	8.23	6.9	3.196	115.3
1188	6/3/2009 20:46	11.38	49.809	32.49	10.33	8.21	5.9	3.257	116.1
1189	6/3/2009 21:01	11.11	49.852	32.5	10.49	8.26	5.6	3.332	117.1
1190	6/3/2009 21:16	10.97	49.849	32.49	10.53	7.86	6	3.372	117.2
1191	6/3/2009 21:31	10.96	49.819	32.47	10.46	7.82	2.7	3.393	116.4
1192	6/3/2009 21:46	10.97	49.878	32.51	10.39	7.86	3.6	3.42	115.7
1193	6/3/2009 22:01	11.06	49.729	32.41	10.25	8.4	3.5	3.426	114.3
1194	6/3/2009 22:16	10.97	49.906	32.53	10.26	8.26	2.9	3.388	114.3
1195	6/3/2009 22:31	11.04	49.861	32.5	10.28	8.25	4.2	3.353	114.6
1196	6/3/2009 22:46	12.01	49.646	32.4	9.45	7.82	4.9	3.291	107.6
1197	6/3/2009 23:01	12.01	49.599	32.37	9.52	7.85	5.6	3.2	108.3
1198	6/3/2009 23:16	12.18	49.464	32.28	9.4	8.31	6.2	3.118	107.2
1199	6/3/2009 23:31	12.57	49.472	32.3	9.01	7.8	7.4	3.016	103.7
1200	6/3/2009 23:46	12.84	49.391	32.25	9.13	7.81	6.4	2.913	105.6
1201	6/4/2009 0:01	13.09	49.301	32.19	8.92	7.8	5.8	2.816	103.6
1202	6/4/2009 0:16	13.15	49.329	32.22	8.97	8.03	6.5	2.692	104.4
1203	6/4/2009 0:31	13.33	49.426	32.29	8.8	7.79	6.1	2.589	102.8
1204	6/4/2009 0:46	13.51	49.304	32.21	8.62	7.79	5.8	2.477	101.1
1205	6/4/2009 1:01	13.73	48.557	31.68	8.41	8.03	6.5	2.351	98.7
1206	6/4/2009 1:16	14.1	49.258	32.2	8.29	8.22	7.4	2.248	98.4
1207	6/4/2009 1:31	14.05	49.189	32.15	8.24	8.2	7.1	2.126	97.6
1208	6/4/2009 1:46	14.32	48.628	31.75	8.21	8.03	7.8	1.991	97.6
1209	6/4/2009 2:01	14.25	49.242	32.19	8.16	7.78	8.2	1.879	97.1
1210	6/4/2009 2:16	14.29	49.275	32.21	8.19	7.78	8	1.751	97.5
1211	6/4/2009 2:31	14.46	49.244	32.2	8.12	8.13	10.3	1.623	97
1212	6/4/2009 2:46	14.56	49.173	32.15	8.14	8.26	9.3	1.521	97.4
1213	6/4/2009 3:01	14.73	49.136	32.13	8.06	8	9.4	1.399	96.8
1214	6/4/2009 3:16	14.79	49.163	32.15	7.99	7.79	8.2	1.283	96.1
1215	6/4/2009 3:31	14.96	49.159	32.15	8	7.8	8	1.209	96.5
1216	6/4/2009 3:46	15.3	49.06	32.08	7.97	7.81	6.7	1.104	96.9
1217	6/4/2009 4:01	15.42	49.026	32.06	7.97	7.82	6.6	1.07	97.1
1218	6/4/2009 4:16	15.58	48.989	32.04	7.87	7.82	5.1	1.043	96.1
1219	6/4/2009 4:31	15.74	48.986	32.04	7.78	7.79	4.7	1.034	95.3
1220	6/4/2009 4:46	15.69	48.986	32.04	7.81	7.84	4.7	1.057	95.6
1221	6/4/2009 5:01	15.64	48.994	32.04	8	7.83	4.9	1.091	97.8
1222	6/4/2009 5:16	15.55	48.945	32	7.96	7.81	5.6	1.15	97.1
1223	6/4/2009 5:31	15.57	48.976	32.03	7.93	7.82	5.9	1.212	96.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1224	6/4/2009 5:46	15.52	48.987	32.03	7.94	8.26	5.9	1.283	96.8
1225	6/4/2009 6:01	15.6	48.738	31.85	7.51	7.78	8.4	1.344	91.6
1226	6/4/2009 6:16	15.53	48.787	31.89	7.58	7.77	8.9	1.436	92.3
1227	6/4/2009 6:31	15.56	48.662	31.8	7.44	7.76	7.9	1.492	90.6
1228	6/4/2009 6:46	15.46	48.639	31.78	7.44	8.16	8.2	1.567	90.5
1229	6/4/2009 7:01	15.31	48.808	31.9	7.64	7.77	6.5	1.655	92.7
1230	6/4/2009 7:16	15.21	48.934	31.99	7.7	7.78	6.8	1.722	93.4
1231	6/4/2009 7:31	15.07	48.938	31.99	7.75	7.78	6	1.808	93.7
1232	6/4/2009 7:46	14.82	49.062	32.07	7.79	7.78	6.8	1.883	93.8
1233	6/4/2009 8:01	14.7	49.127	32.12	7.83	7.77	6.8	1.977	94
1234	6/4/2009 8:16	14.58	49.128	32.12	7.88	8.2	6.7	2.056	94.3
1235	6/4/2009 8:31	14.47	49.185	32.15	7.94	7.77	6.2	2.139	94.9
1236	6/4/2009 8:46	14.34	49.218	32.17	8.01	7.77	6.5	2.211	95.5
1237	6/4/2009 9:01	14.25	49.16	32.13	8.05	7.76	6	2.291	95.8
1238	6/4/2009 9:16	14.13	49.145	32.12	8.09	7.77	6.5	2.369	96
1239	6/4/2009 9:31	13.94	49.248	32.19	8.17	8.15	6.4	2.423	96.6
1240	6/4/2009 9:46	13.76	49.141	32.1	8.24	8.23	6.1	2.497	97.1
1241	6/4/2009 10:01	13.54	49.282	32.2	8.36	7.76	6.8	2.558	98.1
1242	6/4/2009 10:16	13.38	49.365	32.25	8.46	7.78	6.1	2.614	98.9
1243	6/4/2009 10:31	13.21	49.395	32.27	8.53	7.75	5.4	2.667	99.4
1244	6/4/2009 10:46	13.1	49.37	32.24	8.58	7.74	4.8	2.704	99.7
1245	6/4/2009 11:01	12.98	49.39	32.26	8.56	7.75	4.2	2.746	99.2
1246	6/4/2009 11:16	12.71	49.405	32.26	8.68	8.24	3	2.772	100.1
1247	6/4/2009 11:31	13.09	49.343	32.22	8.5	7.76	3.7	2.779	98.8
1248	6/4/2009 11:46	12.65	49.519	32.34	8.73	7.78	3.9	2.771	100.6
1249	6/4/2009 12:01	12.64	49.498	32.32	8.68	7.81	2.7	2.746	100
1250	6/4/2009 12:16	12.95	49.41	32.27	8.56	7.77	6	2.697	99.3
1251	6/4/2009 12:31	13.52	49.323	32.23	8.49	7.79	5.6	2.643	99.6
1252	6/4/2009 12:46	13.64	49.204	32.14	8.47	7.79	7	2.595	99.5
1253	6/4/2009 13:01	13.63	49.201	32.14	8.45	8.22	7.3	2.513	99.2
1254	6/4/2009 13:16	13.79	49.187	32.14	8.38	8.23	7.1	2.447	98.8
1255	6/4/2009 13:31	13.96	49.175	32.13	8.34	8.26	6.3	2.388	98.6
1256	6/4/2009 13:46	14.17	49.151	32.12	8.31	7.78	7	2.309	98.6
1257	6/4/2009 14:01	14.33	49.147	32.12	8.42	7.8	7.4	2.254	100.3
1258	6/4/2009 14:16	14.46	49.067	32.07	8.31	8.26	5.7	2.2	99.2
1259	6/4/2009 14:31	14.69	49.125	32.12	8.49	8.16	7.7	2.139	101.9
1260	6/4/2009 14:46	14.83	49.046	32.06	8.31	7.8	5.8	2.103	99.9
1261	6/4/2009 15:01	14.95	49.056	32.07	8.3	7.83	5.1	2.061	100.1
1262	6/4/2009 15:16	15.08	49.079	32.09	8.41	7.81	5	2.015	101.7
1263	6/4/2009 15:31	15.17	49.041	32.07	8.52	7.82	5.6	1.998	103.3
1264	6/4/2009 15:46	15.55	49.103	32.12	8.53	7.83	4.7	1.983	104.2
1265	6/4/2009 16:01	15.53	49.055	32.08	8.88	7.85	5.8	1.988	108.3
1266	6/4/2009 16:16	15.42	49.103	32.12	8.47	7.84	8.6	1.987	103.2
1267	6/4/2009 16:31	15.16	49.083	32.1	8.35	8.23	4.5	1.992	101.1
1268	6/4/2009 16:46	15.25	49.102	32.11	8.41	8.17	5.3	2.038	102
1269	6/4/2009 17:01	15.28	49.068	32.09	8.31	7.83	4.8	2.082	100.9
1270	6/4/2009 17:16	15.13	49.069	32.09	8.3	8.26	4.4	2.12	100.5
1271	6/4/2009 17:31	15.02	49.087	32.1	8.29	7.79	4.8	2.176	100.1
1272	6/4/2009 17:46	14.81	49.112	32.11	8.29	7.82	4.3	2.243	99.8
1273	6/4/2009 18:01	14.73	49.082	32.09	8.35	8.26	4.5	2.3	100.2
1274	6/4/2009 18:16	14.65	49.149	32.13	8.32	7.78	5.1	2.361	99.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1275	6/4/2009 18:31	14.36	49.141	32.12	8.38	7.78	4.5	2.427	99.8
1276	6/4/2009 18:46	14.13	49.221	32.17	8.5	7.79	4.8	2.496	100.9
1277	6/4/2009 19:01	13.92	49.278	32.21	8.62	8.17	6.1	2.569	101.9
1278	6/4/2009 19:16	13.71	49.289	32.21	8.7	7.79	4.8	2.636	102.4
1279	6/4/2009 19:31	13.52	49.33	32.23	8.75	8.29	4.9	2.709	102.6
1280	6/4/2009 19:46	13.24	49.428	32.29	8.92	7.83	6.4	2.796	104.1
1281	6/4/2009 20:01	12.74	49.417	32.27	9.11	7.8	6.3	2.873	105.1
1282	6/4/2009 20:16	12.48	49.518	32.33	9.24	7.8	6.2	2.951	106.1
1283	6/4/2009 20:31	12.35	49.555	32.35	9.36	7.81	7.2	3.033	107.2
1284	6/4/2009 20:46	12.16	49.611	32.38	9.58	7.84	6.5	3.114	109.3
1285	6/4/2009 21:01	11.92	49.677	32.42	9.88	8.24	5.9	3.184	112.1
1286	6/4/2009 21:16	11.71	49.671	32.4	10.01	7.87	5.8	3.253	113.1
1287	6/4/2009 21:31	11.56	49.648	32.38	10.03	7.84	4.5	3.318	113
1288	6/4/2009 21:46	11.51	49.695	32.41	10.03	8.3	4.4	3.364	112.9
1289	6/4/2009 22:01	11.42	49.661	32.38	10.02	7.88	3.1	3.413	112.5
1290	6/4/2009 22:16	11.38	49.69	32.4	9.97	8.26	3.3	3.432	112
1291	6/4/2009 22:31	11.84	49.45	32.25	9.7	8.25	3.8	3.45	109.9
1292	6/4/2009 22:46	11.53	49.705	32.42	9.84	8.25	3.7	3.435	110.8
1293	6/4/2009 23:01	11.38	49.71	32.41	9.97	8.26	3.1	3.418	112
1294	6/4/2009 23:16	11.6	49.195	32.05	9.84	8.4	3.4	3.372	110.7
1295	6/4/2009 23:31	11.92	49.576	32.34	9.64	8.24	6.9	3.303	109.4
1296	6/4/2009 23:46	12.37	49.566	32.36	9.17	8.2	6.9	3.219	105.1
1297	6/5/2009 0:01	12.27	49.487	32.3	9.21	8.21	6.5	3.144	105.3
1298	6/5/2009 0:16	12.72	49.466	32.3	8.77	8.19	6.2	3.028	101.2
1299	6/5/2009 0:31	12.74	49.442	32.28	9.09	8.2	7.8	2.924	105
1300	6/5/2009 0:46	12.95	49.086	32.03	8.86	7.78	12.3	2.803	102.6
1301	6/5/2009 1:01	13.21	49.425	32.29	8.69	8.17	7.4	2.683	101.3
1302	6/5/2009 1:16	13.36	49.373	32.26	8.46	8.17	6.8	2.571	98.9
1303	6/5/2009 1:31	13.6	49.323	32.23	8.29	8.13	7.4	2.449	97.4
1304	6/5/2009 1:46	13.92	49.107	32.08	8.11	7.74	7.7	2.334	95.8
1305	6/5/2009 2:01	14.13	49.148	32.12	8.04	8.14	8	2.184	95.4
1306	6/5/2009 2:16	14.11	49.281	32.21	8.08	8.1	8.1	2.078	95.9
1307	6/5/2009 2:31	14.35	49.255	32.2	7.98	7.92	8.7	1.953	95.2
1308	6/5/2009 2:46	14.32	49.274	32.21	8.01	7.93	9.5	1.809	95.5
1309	6/5/2009 3:01	14.49	49.203	32.17	8	8.14	10.6	1.686	95.6
1310	6/5/2009 3:16	14.57	49.113	32.1	7.93	8.14	10.9	1.555	94.9
1311	6/5/2009 3:31	14.79	49.001	32.03	7.94	7.79	11	1.419	95.4
1312	6/5/2009 3:46	14.95	48.991	32.02	7.88	8.11	10.1	1.296	95.1
1313	6/5/2009 4:01	15.19	49.042	32.07	7.87	8.14	9.4	1.171	95.4
1314	6/5/2009 4:16	15.47	48.975	32.03	7.82	8.14	9.3	1.092	95.3
1315	6/5/2009 4:31	15.74	48.847	31.94	7.79	8.12	7.9	0.999	95.3
1316	6/5/2009 4:46	15.93	48.774	31.89	7.73	8.16	7	0.947	95
1317	6/5/2009 5:01	15.95	48.784	31.89	7.64	8.13	6.3	0.932	93.8
1318	6/5/2009 5:16	15.92	48.889	31.97	7.45	8.15	7.7	0.919	91.6
1319	6/5/2009 5:31	15.87	48.635	31.78	7.74	7.83	7.6	0.957	94.9
1320	6/5/2009 5:46	15.85	48.881	31.96	7.72	8.13	6.3	0.986	94.8
1321	6/5/2009 6:01	15.76	48.808	31.91	7.73	8.13	6.6	1.048	94.7
1322	6/5/2009 6:16	15.75	48.89	31.97	7.78	8.13	6.7	1.104	95.2
1323	6/5/2009 6:31	15.71	48.891	31.97	7.81	8.16	6.6	1.185	95.6
1324	6/5/2009 6:46	15.81	48.683	31.82	7.55	8.1	8.9	1.244	92.5
1325	6/5/2009 7:01	15.66	48.816	31.91	7.64	8.11	7.9	1.312	93.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1326	6/5/2009 7:16	15.67	48.726	31.85	7.56	8.08	8.2	1.403	92.4
1327	6/5/2009 7:31	15.69	48.597	31.75	7.48	8.08	8.7	1.464	91.3
1328	6/5/2009 7:46	15.65	48.674	31.81	7.47	8.08	8.7	1.55	91.2
1329	6/5/2009 8:01	15.5	48.538	31.71	7.58	7.78	8.1	1.636	92.2
1330	6/5/2009 8:16	15.29	48.681	31.81	7.69	7.78	7.5	1.734	93.2
1331	6/5/2009 8:31	15	48.971	32.01	7.74	8.12	7.7	1.82	93.3
1332	6/5/2009 8:46	14.89	48.783	31.87	7.74	7.79	7.8	1.917	93.1
1333	6/5/2009 9:01	14.73	49.017	32.04	7.76	8.11	8.2	2.006	93.2
1334	6/5/2009 9:16	14.66	49.012	32.03	7.81	8.12	8.2	2.102	93.6
1335	6/5/2009 9:31	14.55	49.099	32.09	7.85	8.12	7.9	2.175	93.9
1336	6/5/2009 9:46	14.4	48.866	31.92	7.94	8.11	7.4	2.259	94.6
1337	6/5/2009 10:01	14.24	49.095	32.08	7.98	8.15	8.2	2.34	94.9
1338	6/5/2009 10:16	14.12	49.099	32.08	8.03	7.89	8.9	2.411	95.3
1339	6/5/2009 10:31	14.01	49.131	32.1	8.09	7.94	8.8	2.48	95.8
1340	6/5/2009 10:46	13.57	49.201	32.14	8.34	7.93	9	2.542	97.8
1341	6/5/2009 11:01	13.4	48.381	31.54	8.41	8.15	9.2	2.616	98
1342	6/5/2009 11:16	13.3	49.147	32.09	8.47	8.12	7.8	2.67	98.8
1343	6/5/2009 11:31	12.93	49.335	32.21	8.73	7.95	6.8	2.721	101.1
1344	6/5/2009 11:46	12.75	49.344	32.21	8.86	7.98	5.6	2.766	102.2
1345	6/5/2009 12:01	12.68	49.36	32.22	8.89	7.95	4.8	2.802	102.4
	Mean	13.66	49.25	32.17	8.65	7.99	7.58	2.23	101.75
	Minimum	9.16	46.91	30.53	6.87	7.55	2.30	0.34	74.40
	Maximum	16.83	50.55	32.97	12.92	8.46	63.60	3.66	147.40
	Standard Dev.	1.71	0.62	0.40	0.91	0.15	3.20	0.73	11.13

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	6/5/2009 12:31	13.03	47.355	30.78	9.93	7.89		2.869	114.2
1	6/5/2009 12:46	12.77	47.473	30.86	10.09	7.89	2.9	2.851	115.5
2	6/5/2009 13:01	12.91	47.412	30.82	10.14	7.87	2.9	2.829	116.4
3	6/5/2009 13:16	13.24	47.408	30.83	10.01	8.05	5.2	2.78	115.7
4	6/5/2009 13:31	13.87	47.289	30.76	9.89	7.85	5.8	2.725	115.8
5	6/5/2009 13:46	14.11	47.306	30.78	9.85	8.07	6.2	2.669	115.9
6	6/5/2009 14:01	14.12	47.365	30.82	9.91	8.07	6.3	2.599	116.6
7	6/5/2009 14:16	14.25	47.351	30.82	9.79	7.84	6.6	2.533	115.5
8	6/5/2009 14:31	14.32	47.312	30.79	9.52	8.06	5.9	2.463	112.4
9	6/5/2009 14:46	14.55	47.298	30.79	9.62	8.07	5.8	2.397	114.2
10	6/5/2009 15:01	14.66	47.292	30.78	9.8	8.08	5.9	2.343	116.6
11	6/5/2009 15:16	14.7	47.241	30.75	9.77	8.07	5.6	2.285	116.3
12	6/5/2009 15:31	14.77	47.274	30.77	9.85	7.86	6.7	2.242	117.5
13	6/5/2009 15:46	14.92	47.253	30.76	9.77	7.86	5.9	2.193	116.8
14	6/5/2009 16:01	14.97	47.169	30.7	9.87	7.87	5.3	2.152	118
15	6/5/2009 16:16	15.01	47.159	30.7	9.75	7.86	5.3	2.13	116.7
16	6/5/2009 16:31	15.13	47.184	30.72	9.49	7.85	3.8	2.11	113.9
17	6/5/2009 16:46	15.3	47.113	30.67	9.34	7.85	4.2	2.1	112.4
18	6/5/2009 17:01	15.39	47.109	30.67	9.18	8.05	3.1	2.095	110.7
19	6/5/2009 17:16	15.35	47.064	30.63	9.39	7.85	3.2	2.11	113.2
20	6/5/2009 17:31	15.33	47.012	30.6	9.45	7.85	3.4	2.135	113.8
21	6/5/2009 17:46	15.2	47.145	30.69	9.39	7.84	3.9	2.164	112.8
22	6/5/2009 18:01	15.17	47.169	30.71	9.38	7.85	4.6	2.212	112.7
23	6/5/2009 18:16	15.04	47.191	30.72	9.26	7.83	4.4	2.26	111
24	6/5/2009 18:31	15.09	47.154	30.69	9.41	8.04	5.7	2.327	112.8
25	6/5/2009 18:46	15	47.112	30.66	9.35	7.83	4.9	2.391	111.9
26	6/5/2009 19:01	14.75	47.073	30.63	9.4	7.83	5.4	2.448	111.9
27	6/5/2009 19:16	14.53	47.286	30.78	9.47	7.83	4.9	2.52	112.3
28	6/5/2009 19:31	14.13	47.316	30.79	9.67	7.83	4.9	2.592	113.8
29	6/5/2009 19:46	13.71	47.311	30.77	9.96	7.84	5.6	2.658	116.2
30	6/5/2009 20:01	13.39	47.415	30.84	10.16	7.84	4.7	2.737	117.8
31	6/5/2009 20:16	13.28	47.444	30.85	10.22	8.08	5.2	2.813	118.3
32	6/5/2009 20:31	13.21	47.479	30.88	10.25	7.84	5.3	2.892	118.4
33	6/5/2009 20:46	12.9	47.549	30.92	10.57	8.1	6	2.973	121.4
34	6/5/2009 21:01	12.49	47.562	30.91	10.98	7.87	6.3	3.055	125.1
35	6/5/2009 21:16	12.32	47.537	30.89	11.29	7.88	6.4	3.137	128
36	6/5/2009 21:31	12.11	47.652	30.96	11.6	8.15	7.1	3.216	131
37	6/5/2009 21:46	11.98	47.65	30.95	11.97	8.16	5.6	3.283	134.8
38	6/5/2009 22:01	11.79	47.615	30.92	12.43	7.93	5.9	3.349	139.5
39	6/5/2009 22:16	11.68	47.567	30.88	12.49	7.94	5.2	3.409	139.8
40	6/5/2009 22:31	11.68	47.48	30.82	12.46	7.94	4	3.443	139.4
41	6/5/2009 22:46	11.61	47.576	30.88	12.5	7.94	2.1	3.487	139.7
42	6/5/2009 23:01	11.56	47.508	30.83	12.59	7.95	1.3	3.504	140.4
43	6/5/2009 23:16	11.84	47.55	30.88	12.11	7.93	3.6	3.492	135.9
44	6/5/2009 23:31	11.65	47.526	30.85	12.35	7.94	3.5	3.484	138.1
45	6/5/2009 23:46	11.84	47.523	30.86	12.13	7.93	3.2	3.446	136.2
46	6/6/2009 0:01	11.82	47.66	30.95	12.05	8.17	5.2	3.372	135.3
47	6/6/2009 0:16	12.53	47.416	30.81	10.92	7.87	5.4	3.299	124.4
48	6/6/2009 0:31	12.47	47.52	30.88	10.85	7.86	4.5	3.218	123.5
49	6/6/2009 0:46	12.8	47.566	30.93	10.34	8.08	4.4	3.111	118.5
50	6/6/2009 1:01	13.02	47.514	30.9	10.49	8.09	5	3.005	120.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
51	6/6/2009 1:16	13.25	47.448	30.86	10.16	8.07	5.2	2.891	117.5
52	6/6/2009 1:31	13.35	47.444	30.86	10.16	8.06	5.1	2.782	117.8
53	6/6/2009 1:46	13.38	47.433	30.85	10.04	7.83	4.8	2.665	116.4
54	6/6/2009 2:01	13.69	47.389	30.83	9.67	8.04	5.5	2.54	112.8
55	6/6/2009 2:16	13.88	47.278	30.75	9.39	7.8	6.5	2.42	109.9
56	6/6/2009 2:31	14.03	47.107	30.63	9.2	7.79	6.5	2.31	107.9
57	6/6/2009 2:46	14.16	47.339	30.81	9.1	7.79	6.2	2.174	107.2
58	6/6/2009 3:01	14.28	47.322	30.8	9.04	8.01	6.8	2.04	106.7
59	6/6/2009 3:16	14.19	47.253	30.74	9.08	7.8	7.4	1.908	106.9
60	6/6/2009 3:31	14.4	47.222	30.73	9.06	8.02	7.6	1.772	107.2
61	6/6/2009 3:46	14.45	47.245	30.75	8.99	7.8	9.2	1.636	106.5
62	6/6/2009 4:01	14.56	47.112	30.65	8.92	7.79	9.3	1.493	105.8
63	6/6/2009 4:16	14.76	47.184	30.71	8.8	7.79	10.1	1.358	104.9
64	6/6/2009 4:31	14.87	47.218	30.74	8.7	7.99	9.7	1.249	103.9
65	6/6/2009 4:46	15.17	47.051	30.62	8.67	7.8	8.9	1.113	104.1
66	6/6/2009 5:01	15.33	46.849	30.48	8.79	7.8	7.5	1.027	105.8
67	6/6/2009 5:16	15.58	47.003	30.59	8.59	7.81	7	0.954	104
68	6/6/2009 5:31	15.75	46.725	30.4	8.53	7.81	6.8	0.911	103.5
69	6/6/2009 5:46	15.83	46.932	30.55	8.36	7.81	5	0.89	101.7
70	6/6/2009 6:01	15.77	46.973	30.58	8.27	7.8	5.2	0.894	100.5
71	6/6/2009 6:16	15.81	46.948	30.56	8.57	7.82	4.9	0.939	104.1
72	6/6/2009 6:31	15.77	46.995	30.59	8.6	7.82	4.9	0.97	104.5
73	6/6/2009 6:46	15.71	46.895	30.52	8.6	7.82	5.3	1.042	104.3
74	6/6/2009 7:01	15.71	46.947	30.56	8.57	7.81	5.8	1.11	104
75	6/6/2009 7:16	15.69	46.935	30.55	8.54	7.81	6.7	1.176	103.5
76	6/6/2009 7:31	15.66	46.757	30.42	8.34	7.8	7.9	1.248	101
77	6/6/2009 7:46	15.59	46.874	30.5	8.44	7.79	6.7	1.326	102.1
78	6/6/2009 8:01	15.56	46.696	30.37	8.31	7.78	7.9	1.401	100.4
79	6/6/2009 8:16	15.54	46.583	30.29	8.22	7.78	9.4	1.486	99.2
80	6/6/2009 8:31	15.5	46.676	30.36	8.25	7.77	8.4	1.573	99.5
81	6/6/2009 8:46	15.39	46.768	30.42	8.41	7.78	7.8	1.662	101.3
82	6/6/2009 9:01	15.26	46.8	30.44	8.52	7.78	7.1	1.763	102.4
83	6/6/2009 9:16	15.01	47.104	30.66	8.62	7.99	6.4	1.858	103.2
84	6/6/2009 9:31	14.9	47.152	30.69	8.74	7.99	6.7	1.956	104.4
85	6/6/2009 9:46	14.85	47.185	30.71	8.76	7.99	7	2.049	104.6
86	6/6/2009 10:01	14.78	47.176	30.7	8.82	7.79	6.9	2.143	105.1
87	6/6/2009 10:16	14.69	47.184	30.71	8.93	7.79	7.5	2.236	106.2
88	6/6/2009 10:31	14.56	47.104	30.65	8.97	7.79	8.4	2.314	106.4
89	6/6/2009 10:46	14.39	47.115	30.65	9.06	8	7.5	2.397	107
90	6/6/2009 11:01	14.22	47.233	30.73	9.16	7.8	7.8	2.473	108
91	6/6/2009 11:16	14	47.018	30.57	9.43	7.8	8.4	2.548	110.5
92	6/6/2009 11:31	13.85	47.199	30.7	9.66	7.81	8.5	2.615	113
93	6/6/2009 11:46	13.59	47.346	30.79	9.92	8.05	7.6	2.681	115.5
94	6/6/2009 12:01	13.24	47.353	30.79	10.32	8.07	8.8	2.745	119.3
95	6/6/2009 12:16	12.93	47.449	30.85	10.63	8.09	8.1	2.798	122.1
96	6/6/2009 12:31	12.74	47.428	30.82	10.99	8.11	6.2	2.842	125.7
97	6/6/2009 12:46	12.64	47.379	30.79	11.19	8.12	4.1	2.885	127.7
98	6/6/2009 13:01	12.57	47.456	30.84	11.33	8.12	3.3	2.911	129.1
99	6/6/2009 13:16	13.2	47.218	30.69	10.98	8.1	4.5	2.913	126.7
100	6/6/2009 13:31	12.73	47.335	30.76	11.13	7.87	4.1	2.906	127.2
101	6/6/2009 13:46	12.64	47.469	30.85	11.22	7.88	3.8	2.877	128.1

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
102	6/6/2009 14:01	12.79	47.252	30.7	11.13	7.87	4.6	2.834	127.3
103	6/6/2009 14:16	13.81	47.264	30.74	10.87	7.88	5.1	2.772	127.1
104	6/6/2009 14:31	13.97	47.079	30.61	10.76	7.88	4.9	2.714	126.1
105	6/6/2009 14:46	14.31	47.23	30.73	10.62	7.88	7.2	2.639	125.4
106	6/6/2009 15:01	14.58	47.001	30.57	10.5	7.87	5.9	2.569	124.5
107	6/6/2009 15:16	14.96	47.267	30.77	10.43	7.88	6.7	2.502	124.8
108	6/6/2009 15:31	15.16	46.971	30.56	10.38	7.88	5.9	2.438	124.6
109	6/6/2009 15:46	15.23	47.167	30.71	10.31	7.87	6.2	2.373	124
110	6/6/2009 16:01	15.46	46.974	30.57	10.34	7.88	5.1	2.331	124.8
111	6/6/2009 16:16	15.72	46.973	30.57	10.16	7.89	5	2.278	123.2
112	6/6/2009 16:31	15.69	47.097	30.66	10.14	7.89	5.2	2.228	123
113	6/6/2009 16:46	15.83	46.826	30.47	10.15	7.89	4.3	2.199	123.3
114	6/6/2009 17:01	15.99	47.12	30.69	10.27	7.9	4.2	2.164	125.4
115	6/6/2009 17:16	16.09	46.807	30.46	10.25	7.9	3.7	2.16	125.2
116	6/6/2009 17:31	16.28	47.038	30.63	10.41	7.92	5	2.137	127.7
117	6/6/2009 17:46	16.32	47.082	30.66	10.7	7.93	5.2	2.14	131.5
118	6/6/2009 18:01	16.17	46.921	30.54	10.68	7.92	4.7	2.167	130.7
119	6/6/2009 18:16	16.02	47.055	30.64	10.51	7.9	5.1	2.189	128.4
120	6/6/2009 18:31	16.07	46.821	30.47	10.39	7.9	4.5	2.225	126.8
121	6/6/2009 18:46	16	47.146	30.7	10.33	8.06	4.4	2.273	126.1
122	6/6/2009 19:01	16.07	46.892	30.52	10.39	7.89	5.7	2.333	126.9
123	6/6/2009 19:16	16.08	46.903	30.53	10.27	7.88	5.9	2.391	125.5
124	6/6/2009 19:31	15.52	46.953	30.56	10.43	7.87	6	2.452	126.1
125	6/6/2009 19:46	15.16	46.87	30.49	10.43	7.86	5.8	2.522	125.1
126	6/6/2009 20:01	14.77	46.98	30.56	10.47	7.86	5.3	2.593	124.6
127	6/6/2009 20:16	14.44	47.222	30.73	10.68	7.86	5.9	2.665	126.4
128	6/6/2009 20:31	14.08	47.265	30.75	10.99	8.1	5.4	2.735	129.2
129	6/6/2009 20:46	13.64	47.381	30.82	11.13	8.1	5.7	2.814	129.7
130	6/6/2009 21:01	13.54	47.384	30.82	11.17	7.87	5.3	2.895	129.9
131	6/6/2009 21:16	13.33	47.461	30.87	11.24	8.1	6.3	2.967	130.2
132	6/6/2009 21:31	12.98	47.342	30.77	11.44	8.11	6.3	3.047	131.5
133	6/6/2009 21:46	12.78	47.44	30.83	11.63	8.12	6.5	3.131	133.2
134	6/6/2009 22:01	12.59	47.599	30.94	11.91	8.13	6.4	3.195	135.9
135	6/6/2009 22:16	12.43	47.246	30.68	12.21	7.89	5.4	3.27	138.6
136	6/6/2009 22:31	12.31	47.618	30.94	12.26	8.14	4.9	3.333	139.1
137	6/6/2009 22:46	12.18	47.623	30.94	12.36	8.14	5.1	3.388	139.9
138	6/6/2009 23:01	12.12	47.475	30.83	12.37	7.9	3.3	3.434	139.7
139	6/6/2009 23:16	12.1	47.305	30.71	12.43	7.9	2.7	3.473	140.2
140	6/6/2009 23:31	12.1	47.478	30.83	12.38	7.9	1.3	3.489	139.7
141	6/6/2009 23:46	12.38	47.447	30.82	12.09	8.14	3.2	3.501	137.2
142	6/7/2009 0:01	12.2	47.569	30.9	12.08	8.13	1.7	3.493	136.7
143	6/7/2009 0:16	12.11	47.418	30.79	12.33	8.14	3.2	3.452	139.1
144	6/7/2009 0:31	12.33	47.423	30.8	12.04	7.89	2.4	3.414	136.6
145	6/7/2009 0:46	13.24	47.315	30.76	11.17	7.87	7.4	3.343	129.1
146	6/7/2009 1:01	12.91	47.353	30.78	11.38	7.87	4.3	3.265	130.6
147	6/7/2009 1:16	13.13	47.312	30.75	11.2	7.86	4.5	3.169	129.1
148	6/7/2009 1:31	13.57	47.054	30.58	10.8	7.86	4.6	3.074	125.5
149	6/7/2009 1:46	13.65	47.288	30.75	11.09	7.87	5.1	2.966	129.2
150	6/7/2009 2:01	13.96	47.079	30.61	10.67	7.86	4.8	2.857	125
151	6/7/2009 2:16	14.04	46.982	30.54	10.66	7.86	6.3	2.738	125
152	6/7/2009 2:31	14.21	47.129	30.66	10.46	8.07	7.1	2.616	123.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
153	6/7/2009 2:46	14.27	47.206	30.71	10.21	8.05	6.5	2.512	120.4
154	6/7/2009 3:01	14.75	47.275	30.77	10	7.84	6	2.381	119.2
155	6/7/2009 3:16	14.62	47.256	30.76	9.89	8.04	7.1	2.231	117.5
156	6/7/2009 3:31	15.02	46.828	30.46	9.88	7.84	7.6	2.105	118.1
157	6/7/2009 3:46	15.39	47.094	30.66	9.98	7.86	8.9	1.96	120.4
158	6/7/2009 4:01	15.26	47.208	30.74	9.95	8.05	8.8	1.827	119.7
159	6/7/2009 4:16	15.48	47.197	30.73	9.8	8.05	10.1	1.691	118.5
160	6/7/2009 4:31	15.59	46.883	30.51	9.84	7.87	10.1	1.548	119.1
161	6/7/2009 4:46	15.66	46.926	30.54	9.59	7.85	11.5	1.412	116.2
162	6/7/2009 5:01	16.08	47.114	30.68	9.66	8.05	10.3	1.272	118.1
163	6/7/2009 5:16	16.46	46.837	30.49	9.67	7.89	9.5	1.153	119
164	6/7/2009 5:31	16.76	46.855	30.5	9.66	7.9	8.5	1.045	119.6
165	6/7/2009 5:46	16.95	46.894	30.53	9.59	7.91	7.3	0.951	119.2
166	6/7/2009 6:01	17.1	46.628	30.34	9.51	7.91	7.3	0.884	118.4
167	6/7/2009 6:16	17.15	46.507	30.25	9.38	7.91	6.2	0.859	116.8
168	6/7/2009 6:31	17.05	46.687	30.38	9.16	7.89	6	0.838	114
169	6/7/2009 6:46	17.04	46.724	30.41	9.37	7.9	4.9	0.849	116.5
170	6/7/2009 7:01	16.95	46.868	30.51	9.43	7.9	5	0.914	117.1
171	6/7/2009 7:16	16.88	46.732	30.42	9.45	7.89	5.3	0.961	117.2
172	6/7/2009 7:31	16.83	46.702	30.39	9.48	7.89	5.1	1.017	117.4
173	6/7/2009 7:46	16.81	46.803	30.47	9.63	7.9	4.9	1.106	119.3
174	6/7/2009 8:01	16.97	46.58	30.31	9.19	7.87	7.9	1.174	114.1
175	6/7/2009 8:16	16.89	46.594	30.32	9.21	7.87	7.6	1.248	114.2
176	6/7/2009 8:31	16.84	46.692	30.39	9.15	7.86	7.4	1.333	113.4
177	6/7/2009 8:46	16.86	46.628	30.34	9.03	7.85	8	1.403	111.9
178	6/7/2009 9:01	16.87	46.462	30.22	8.94	7.84	9.2	1.505	110.7
179	6/7/2009 9:16	16.78	46.354	30.14	9.03	7.85	9.9	1.592	111.6
180	6/7/2009 9:31	16.63	46.707	30.39	9.15	7.85	10.7	1.674	112.9
181	6/7/2009 9:46	16.49	46.647	30.35	9.27	7.85	9.2	1.776	114
182	6/7/2009 10:01	16.03	46.77	30.43	9.41	7.84	9.7	1.879	114.7
183	6/7/2009 10:16	15.93	46.967	30.57	9.44	7.84	9.7	1.976	115.1
184	6/7/2009 10:31	15.84	46.879	30.51	9.47	7.83	7.5	2.062	115.2
185	6/7/2009 10:46	15.71	46.736	30.4	9.55	7.83	7.5	2.154	115.8
186	6/7/2009 11:01	15.53	46.954	30.56	9.64	7.83	7.8	2.255	116.5
187	6/7/2009 11:16	15.32	46.709	30.38	9.73	7.83	9.2	2.336	117
188	6/7/2009 11:31	15.12	46.796	30.44	9.85	7.83	7.9	2.406	118
189	6/7/2009 11:46	14.93	47.063	30.63	9.93	8.05	8.1	2.485	118.7
190	6/7/2009 12:01	14.7	47.153	30.68	10.15	7.84	8.4	2.568	120.7
191	6/7/2009 12:16	14.47	47.25	30.75	10.34	8.06	8.5	2.629	122.5
192	6/7/2009 12:31	14.13	47.026	30.58	10.54	7.84	7.2	2.682	123.9
193	6/7/2009 12:46	13.8	47.278	30.75	10.76	7.84	7.4	2.753	125.7
194	6/7/2009 13:01	13.5	47.352	30.8	11.08	8.09	6	2.813	128.7
195	6/7/2009 13:16	13.37	47.273	30.73	11.21	8.1	5.1	2.851	129.8
196	6/7/2009 13:31	13.37	47.38	30.81	11.29	8.1	4.5	2.879	130.8
197	6/7/2009 13:46	13.34	47.396	30.82	11.29	8.1	2.9	2.917	130.7
198	6/7/2009 14:01	13.82	46.867	30.45	11.1	7.87	4	2.93	129.5
199	6/7/2009 14:16	13.47	47.261	30.73	11.07	7.86	3.8	2.9	128.4
200	6/7/2009 14:31	13.39	47.411	30.84	11.22	8.1	4.5	2.872	130.1
201	6/7/2009 14:46	13.54	47.347	30.79	11.23	8.1	4.3	2.837	130.6
202	6/7/2009 15:01	14.36	47.196	30.71	11.16	7.88	4.8	2.782	131.9
203	6/7/2009 15:16	14.92	46.992	30.57	11.06	7.89	6.1	2.708	132

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
204	6/7/2009 15:31	15.15	47.003	30.59	10.92	7.89	6	2.639	131
205	6/7/2009 15:46	15.4	47.077	30.64	10.76	7.89	7	2.566	129.8
206	6/7/2009 16:01	15.54	47.131	30.69	10.61	8.08	6.1	2.51	128.4
207	6/7/2009 16:16	15.81	47.059	30.64	10.63	8.08	6.2	2.442	129.3
208	6/7/2009 16:31	16	47.117	30.68	10.68	7.91	5.6	2.384	130.4
209	6/7/2009 16:46	16	47.139	30.7	10.48	8.08	4.8	2.34	127.9
210	6/7/2009 17:01	16.16	46.833	30.48	10.47	7.91	4.6	2.301	128.1
211	6/7/2009 17:16	16.34	47.147	30.71	10.85	8.1	5.4	2.259	133.4
212	6/7/2009 17:31	16.37	47.046	30.64	10.75	8.09	6	2.228	132.2
213	6/7/2009 17:46	16.46	47.055	30.65	10.75	8.09	5.1	2.208	132.5
214	6/7/2009 18:01	16.59	46.962	30.58	10.51	7.92	4	2.196	129.7
215	6/7/2009 18:16	16.66	46.994	30.6	10.8	7.94	4.8	2.189	133.6
216	6/7/2009 18:31	16.62	47.017	30.62	10.84	8.1	4.2	2.197	133.9
217	6/7/2009 18:46	16.57	47.07	30.66	10.79	8.1	4.4	2.219	133.3
218	6/7/2009 19:01	16.53	47.015	30.62	10.58	7.92	4.1	2.247	130.4
219	6/7/2009 19:16	16.52	47.011	30.61	10.63	7.92	4.2	2.276	131
220	6/7/2009 19:31	16.38	47	30.6	10.57	7.91	4.7	2.339	130
221	6/7/2009 19:46	16.28	46.908	30.54	10.53	7.9	5.1	2.388	129.1
222	6/7/2009 20:01	16.25	46.666	30.36	10.52	7.9	5.3	2.446	128.9
223	6/7/2009 20:16	15.99	47.028	30.62	10.6	8.08	6.1	2.512	129.4
224	6/7/2009 20:31	15.57	47.159	30.71	10.65	8.08	5.4	2.583	128.9
225	6/7/2009 20:46	15.09	46.962	30.56	10.7	7.87	5.4	2.65	128.3
226	6/7/2009 21:01	15	47.175	30.71	10.77	8.09	5.2	2.718	129
227	6/7/2009 21:16	14.35	47.023	30.58	11.01	7.86	5.2	2.798	130
228	6/7/2009 21:31	14.08	47.165	30.68	11.02	8.09	5	2.877	129.4
229	6/7/2009 21:46	13.94	47.291	30.77	10.98	8.09	5.4	2.948	128.7
230	6/7/2009 22:01	13.79	47.084	30.61	11.04	8.09	5.2	3.026	128.9
231	6/7/2009 22:16	13.55	47.356	30.8	11.1	8.09	5.4	3.107	129.1
232	6/7/2009 22:31	13.24	47.385	30.81	11.18	8.09	5.3	3.182	129.3
233	6/7/2009 22:46	13.12	47.196	30.67	11.18	8.08	5.1	3.244	128.8
234	6/7/2009 23:01	12.91	47.426	30.83	11.3	8.09	4.4	3.306	129.7
235	6/7/2009 23:16	12.78	47.206	30.67	11.35	8.09	4	3.377	129.8
236	6/7/2009 23:31	12.7	47.096	30.58	11.44	7.85	3	3.417	130.5
237	6/7/2009 23:46	12.68	47.161	30.63	11.38	8.09	3.2	3.448	129.8
238	6/8/2009 0:01	12.61	47.255	30.69	11.34	8.09	2.9	3.483	129.3
239	6/8/2009 0:16	12.65	47.284	30.72	11.27	8.08	2.1	3.5	128.6
240	6/8/2009 0:31	12.75	47.294	30.73	11.12	8.08	2.7	3.485	127.2
241	6/8/2009 0:46	12.68	47.243	30.69	11.12	8.08	2.7	3.452	126.9
242	6/8/2009 1:01	12.84	47.332	30.76	11.06	8.08	2.9	3.423	126.7
243	6/8/2009 1:16	12.96	47.101	30.6	10.95	8.07	3.8	3.364	125.6
244	6/8/2009 1:31	13.06	47.229	30.69	10.73	7.83	6.2	3.28	123.4
245	6/8/2009 1:46	13.28	47.366	30.8	10.54	8.06	5.1	3.184	122
246	6/8/2009 2:01	13.11	47.415	30.83	10.61	8.06	4.9	3.099	122.3
247	6/8/2009 2:16	13.8	47.096	30.62	10.43	8.07	5	3.005	121.8
248	6/8/2009 2:31	14.17	47.098	30.63	10.34	7.84	6	2.888	121.6
249	6/8/2009 2:46	14.39	47.23	30.73	10.2	8.06	6.2	2.773	120.6
250	6/8/2009 3:01	14.66	46.962	30.55	9.94	7.83	5.6	2.663	118.1
251	6/8/2009 3:16	14.95	47.264	30.77	9.72	8.04	5.5	2.546	116.3
252	6/8/2009 3:31	15.12	46.963	30.56	9.71	7.84	7.8	2.421	116.4
253	6/8/2009 3:46	15.3	46.942	30.54	9.66	7.84	6.7	2.295	116.3
254	6/8/2009 4:01	15.22	47.028	30.61	9.74	7.85	9.2	2.166	117

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
255	6/8/2009 4:16	15.3	47.167	30.71	9.69	7.85	10.7	2.031	116.7
256	6/8/2009 4:31	15.15	46.868	30.49	9.59	7.84	10.2	1.895	115
257	6/8/2009 4:46	15.33	47.127	30.68	9.52	7.84	13.5	1.747	114.7
258	6/8/2009 5:01	15.48	47.138	30.69	9.5	7.86	11.3	1.606	114.8
259	6/8/2009 5:16	15.79	47.064	30.64	9.54	7.86	12.2	1.472	116
260	6/8/2009 5:31	15.86	47.018	30.61	9.38	7.86	11.7	1.342	114.2
261	6/8/2009 5:46	16.09	47.064	30.65	9.38	7.86	11.5	1.212	114.7
262	6/8/2009 6:01	16.36	47.071	30.66	9.39	8.06	10.5	1.091	115.4
263	6/8/2009 6:16	16.73	46.99	30.6	9.31	7.89	9.7	0.996	115.3
264	6/8/2009 6:31	16.89	47.006	30.61	9.24	8.07	10.2	0.927	114.7
265	6/8/2009 6:46	17.15	46.915	30.55	9.12	7.91	8.7	0.861	113.8
266	6/8/2009 7:01	17.28	46.993	30.61	9.01	8.07	6.4	0.836	112.8
267	6/8/2009 7:16	17.22	46.993	30.61	8.95	8.07	5.6	0.862	111.9
268	6/8/2009 7:31	17.28	46.75	30.43	9.17	7.92	5.2	0.887	114.6
269	6/8/2009 7:46	17.22	46.738	30.42	9.28	7.92	4.9	0.939	115.8
270	6/8/2009 8:01	17.2	46.893	30.54	9.38	7.93	5.3	1.002	117.1
271	6/8/2009 8:16	17.18	46.67	30.37	9.4	7.92	6	1.08	117.2
272	6/8/2009 8:31	17.16	46.721	30.41	9.36	7.92	6.9	1.145	116.7
273	6/8/2009 8:46	17.15	46.631	30.34	8.91	7.88	8.9	1.212	111
274	6/8/2009 9:01	16.97	46.698	30.39	9.17	7.89	6.7	1.294	113.9
275	6/8/2009 9:16	16.99	46.812	30.47	8.76	8.04	9.6	1.376	108.9
276	6/8/2009 9:31	16.95	46.681	30.38	8.77	8.04	8.8	1.451	108.9
277	6/8/2009 9:46	17.01	46.68	30.38	8.9	8.04	9.7	1.536	110.6
278	6/8/2009 10:01	16.87	46.71	30.4	9.14	7.87	7.8	1.634	113.3
279	6/8/2009 10:16	16.52	46.909	30.54	9.27	8.06	8.1	1.73	114.2
280	6/8/2009 10:31	16.31	46.608	30.32	9.31	7.86	7.8	1.825	114.1
281	6/8/2009 10:46	16.22	46.883	30.52	9.4	7.85	7.8	1.922	115.1
282	6/8/2009 11:01	16.12	47.022	30.62	9.47	8.05	7.9	2.031	115.8
283	6/8/2009 11:16	16.02	47.095	30.67	9.56	8.05	7.7	2.121	116.7
284	6/8/2009 11:31	15.98	47.115	30.68	9.64	8.06	8.1	2.208	117.7
285	6/8/2009 11:46	15.83	47.005	30.6	9.8	8.06	7.4	2.295	119.2
286	6/8/2009 12:01	15.61	47.028	30.61	9.8	7.84	7.7	2.38	118.7
287	6/8/2009 12:16	15.42	47.135	30.69	9.85	8.06	7.6	2.458	118.9
288	6/8/2009 12:31	15.22	47.056	30.63	10.09	8.07	8.3	2.528	121.3
289	6/8/2009 12:46	14.99	47.096	30.65	10.19	8.07	7.7	2.602	122
290	6/8/2009 13:01	14.78	47.048	30.61	10.27	8.07	7.4	2.672	122.3
291	6/8/2009 13:16	14.31	46.995	30.56	10.42	7.83	7.3	2.73	122.9
292	6/8/2009 13:31	13.99	47.083	30.62	10.66	7.83	7.6	2.789	124.9
293	6/8/2009 13:46	13.86	46.958	30.52	10.77	8.07	5.4	2.837	125.8
294	6/8/2009 14:01	13.79	47.297	30.77	10.83	8.08	4.2	2.88	126.6
295	6/8/2009 14:16	13.79	46.979	30.53	10.87	8.08	3.4	2.91	126.8
296	6/8/2009 14:31	14.23	46.879	30.47	10.86	8.09	4.5	2.917	127.8
297	6/8/2009 14:46	13.92	46.761	30.38	10.73	7.83	3.6	2.923	125.4
298	6/8/2009 15:01	13.86	46.951	30.52	10.75	7.83	2.9	2.902	125.6
299	6/8/2009 15:16	13.89	47.074	30.61	10.83	8.08	3.7	2.86	126.7
300	6/8/2009 15:31	14.99	47.041	30.61	10.97	7.88	4.9	2.809	131.3
301	6/8/2009 15:46	15.07	47.192	30.72	10.91	8.1	4.9	2.747	130.8
302	6/8/2009 16:01	15.28	47	30.59	10.77	8.09	5.3	2.679	129.5
303	6/8/2009 16:16	15.67	47.18	30.72	10.83	8.1	6	2.607	131.3
304	6/8/2009 16:31	15.91	47.152	30.71	10.71	8.1	5.9	2.543	130.6
305	6/8/2009 16:46	16.33	47.021	30.62	10.83	8.1	6.7	2.484	133.1

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
306	6/8/2009 17:01	16.67	47.032	30.63	10.87	8.11	5.7	2.424	134.4
307	6/8/2009 17:16	16.6	47.029	30.63	10.87	8.11	6	2.374	134.3
308	6/8/2009 17:31	16.76	46.809	30.47	10.82	7.93	5.7	2.331	134
309	6/8/2009 17:46	16.8	47.014	30.62	10.64	7.93	4.4	2.297	131.9
310	6/8/2009 18:01	16.96	47.08	30.67	10.91	8.11	4.7	2.254	135.7
311	6/8/2009 18:16	17.09	47.026	30.63	11.06	7.95	5.1	2.226	137.9
312	6/8/2009 18:31	17.28	47.054	30.65	11.02	7.96	4.3	2.217	138
313	6/8/2009 18:46	17.36	46.85	30.5	10.97	7.96	4.8	2.213	137.3
314	6/8/2009 19:01	17.36	47.086	30.68	10.85	8.12	4.6	2.197	136.1
315	6/8/2009 19:16	17.41	47.084	30.67	11.03	8.13	4	2.218	138.4
316	6/8/2009 19:31	17.19	46.749	30.43	10.96	7.95	4.5	2.253	136.7
317	6/8/2009 19:46	17.18	46.75	30.43	10.84	7.95	3.7	2.277	135.2
318	6/8/2009 20:01	17.21	47.023	30.63	10.74	8.12	4.8	2.313	134.2
319	6/8/2009 20:16	16.91	46.886	30.53	10.67	8.11	4.8	2.363	132.6
320	6/8/2009 20:31	17.23	46.94	30.57	10.58	8.1	5.4	2.423	132.2
321	6/8/2009 20:46	16.7	46.935	30.56	10.6	7.9	4.7	2.48	131.2
322	6/8/2009 21:01	16.41	47.003	30.61	10.67	8.1	4.9	2.537	131.3
323	6/8/2009 21:16	16.08	47.03	30.62	10.6	8.09	4.9	2.609	129.6
324	6/8/2009 21:31	15.49	47.142	30.69	10.57	8.08	5	2.68	127.8
325	6/8/2009 21:46	15.26	46.838	30.47	10.69	8.08	5.2	2.75	128.5
326	6/8/2009 22:01	14.6	46.873	30.48	10.69	7.84	5.3	2.821	126.8
327	6/8/2009 22:16	14.36	46.781	30.41	10.66	7.83	4.3	2.902	125.8
328	6/8/2009 22:31	14.31	47.203	30.71	10.61	8.07	4.3	2.979	125.2
329	6/8/2009 22:46	14.08	46.906	30.49	10.77	7.83	4.9	3.053	126.4
330	6/8/2009 23:01	13.83	46.971	30.53	10.82	8.07	4.6	3.123	126.3
331	6/8/2009 23:16	13.63	47.218	30.7	10.87	8.07	4.2	3.189	126.6
332	6/8/2009 23:31	13.45	47.072	30.59	10.93	8.07	4.7	3.262	126.7
333	6/8/2009 23:46	13.26	46.972	30.51	11.08	7.83	3.9	3.313	127.8
334	6/9/2009 0:01	13.17	46.79	30.38	11.12	7.83	3.2	3.359	127.9
335	6/9/2009 0:16	13.18	46.893	30.45	11.04	7.82	2.7	3.408	127.2
336	6/9/2009 0:31	13.08	47.17	30.65	11	8.07	2.3	3.436	126.6
337	6/9/2009 0:46	13.02	47.031	30.55	10.85	7.81	2.2	3.445	124.6
338	6/9/2009 1:01	13.19	47.132	30.63	10.76	8.06	1.9	3.451	124.1
339	6/9/2009 1:16	13.09	47.209	30.68	10.78	8.05	2	3.437	124.1
340	6/9/2009 1:31	13.11	46.963	30.5	10.73	8.05	2.2	3.398	123.4
341	6/9/2009 1:46	13.52	47.136	30.64	10.52	8.05	3.5	3.341	122.1
342	6/9/2009 2:01	13.91	46.785	30.4	10.41	7.82	6	3.281	121.7
343	6/9/2009 2:16	13.87	47.063	30.6	10.4	7.82	5.1	3.195	121.6
344	6/9/2009 2:31	13.85	47.239	30.72	10.3	8.05	5.2	3.101	120.5
345	6/9/2009 2:46	13.94	47.266	30.75	10.27	8.05	4.9	3	120.4
346	6/9/2009 3:01	14.52	47.234	30.74	10.17	8.06	6.1	2.898	120.6
347	6/9/2009 3:16	14.77	47.177	30.7	10.1	8.07	6.5	2.797	120.3
348	6/9/2009 3:31	15.06	47.199	30.73	9.85	8.05	5.7	2.68	118.1
349	6/9/2009 3:46	15.34	46.879	30.5	9.73	8.06	6.5	2.564	117.2
350	6/9/2009 4:01	15.69	46.959	30.56	9.62	7.89	12.1	2.448	116.6
351	6/9/2009 4:16	15.96	47.071	30.65	9.6	8.03	8.1	2.337	117.1
352	6/9/2009 4:31	16.11	46.985	30.59	9.62	8.03	11	2.2	117.7
353	6/9/2009 4:46	16.21	46.806	30.46	9.62	7.91	10.2	2.079	117.9
354	6/9/2009 5:01	16.38	46.931	30.55	9.61	7.93	11.7	1.946	118.1
355	6/9/2009 5:16	16.29	46.736	30.41	9.54	7.92	9.8	1.82	117
356	6/9/2009 5:31	16.25	46.889	30.52	9.59	7.91	11.1	1.693	117.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
357	6/9/2009 5:46	16.3	46.889	30.52	9.4	7.91	13.9	1.545	115.3
358	6/9/2009 6:01	16.73	46.983	30.6	9.42	7.94	12.8	1.421	116.6
359	6/9/2009 6:16	16.71	46.983	30.6	9.24	8.03	13.4	1.302	114.3
360	6/9/2009 6:31	17.2	46.929	30.56	9.37	7.96	10.9	1.185	117
361	6/9/2009 6:46	17.45	47.008	30.62	9.35	8.06	10.3	1.081	117.4
362	6/9/2009 7:01	17.84	46.805	30.47	9.38	7.99	9.2	0.996	118.5
363	6/9/2009 7:16	17.96	46.977	30.6	9.24	8	9.9	0.943	117.2
364	6/9/2009 7:31	18.18	46.846	30.51	9.08	8.01	8.2	0.908	115.5
365	6/9/2009 7:46	18.14	46.99	30.61	9.02	8	6.3	0.893	114.7
366	6/9/2009 8:01	18.11	46.921	30.56	9.07	8	6.7	0.928	115.3
367	6/9/2009 8:16	18.06	46.93	30.57	9.18	8	5.9	0.963	116.6
368	6/9/2009 8:31	17.96	46.828	30.49	9.29	7.99	5.6	1.026	117.7
369	6/9/2009 8:46	17.93	46.853	30.51	9.43	7.99	5.6	1.085	119.4
370	6/9/2009 9:01	17.87	46.796	30.47	9.39	7.99	6	1.144	118.8
371	6/9/2009 9:16	18.01	46.634	30.35	8.88	7.95	8.5	1.241	112.5
372	6/9/2009 9:31	17.84	46.864	30.52	8.98	7.96	8.3	1.306	113.5
373	6/9/2009 9:46	17.81	46.798	30.47	8.86	7.94	7.1	1.371	112
374	6/9/2009 10:01	17.81	46.794	30.47	8.7	8.03	8	1.462	109.9
375	6/9/2009 10:16	17.75	46.79	30.46	8.82	8.04	6.7	1.548	111.3
376	6/9/2009 10:31	17.43	46.941	30.57	9.09	8.05	8.9	1.626	114.1
377	6/9/2009 10:46	17.28	46.929	30.56	9.18	8.05	6.9	1.717	114.9
378	6/9/2009 11:01	17	46.698	30.39	9.22	7.92	7.4	1.812	114.6
379	6/9/2009 11:16	16.85	46.949	30.57	9.22	7.91	7.2	1.908	114.5
380	6/9/2009 11:31	16.73	47.026	30.63	9.23	8.03	8.1	2.004	114.2
381	6/9/2009 11:46	16.65	46.84	30.49	9.29	8.03	7.7	2.096	114.8
382	6/9/2009 12:01	16.52	46.963	30.58	9.41	7.9	7.8	2.182	116
383	6/9/2009 12:16	16.43	46.98	30.59	9.49	7.9	6.6	2.278	116.8
384	6/9/2009 12:31	16.28	47.013	30.61	9.57	8.03	7	2.357	117.5
385	6/9/2009 12:46	16.02	46.935	30.55	9.59	8.03	7.5	2.434	117.1
386	6/9/2009 13:01	15.78	47.008	30.6	9.67	8.02	7.4	2.515	117.5
387	6/9/2009 13:16	15.53	46.832	30.47	9.89	7.88	7.4	2.578	119.5
388	6/9/2009 13:31	15.29	47.001	30.59	9.99	7.88	6.7	2.653	120.2
389	6/9/2009 13:46	14.9	46.944	30.54	10.12	8.03	7.4	2.721	120.7
390	6/9/2009 14:01	14.53	46.735	30.38	10.24	7.86	6	2.775	121.2
391	6/9/2009 14:16	14.3	46.984	30.55	10.33	7.86	5.1	2.832	121.8
392	6/9/2009 14:31	14.18	46.843	30.45	10.44	7.86	4	2.882	122.7
393	6/9/2009 14:46	14.08	47.115	30.64	10.46	8.03	3.5	2.914	122.9
394	6/9/2009 15:01	14.05	46.754	30.38	10.31	8.02	2.5	2.937	120.8
395	6/9/2009 15:16	14.22	46.713	30.35	10.42	7.86	3.7	2.94	122.5
396	6/9/2009 15:31	14.11	46.956	30.53	10.34	7.86	4.3	2.924	121.4
397	6/9/2009 15:46	14.17	47.014	30.57	10.33	8.02	3.4	2.893	121.6
398	6/9/2009 16:01	14.3	46.958	30.53	10.34	8.02	4.2	2.852	122
399	6/9/2009 16:16	15.4	47.088	30.65	10.58	8.05	6.1	2.779	127.6
400	6/9/2009 16:31	15.62	46.725	30.39	10.51	7.92	6.2	2.723	127.1
401	6/9/2009 16:46	15.98	46.993	30.59	10.49	8.05	6.5	2.668	128
402	6/9/2009 17:01	16.01	46.882	30.51	10.38	8.05	6.7	2.586	126.6
403	6/9/2009 17:16	16.26	47.009	30.61	10.35	8.05	5.9	2.528	127
404	6/9/2009 17:31	16.52	46.858	30.5	10.49	8.06	7.9	2.468	129.2
405	6/9/2009 17:46	16.48	46.854	30.5	10.57	7.95	8	2.413	130.1
406	6/9/2009 18:01	16.62	46.977	30.59	10.5	7.96	7.3	2.372	129.7
407	6/9/2009 18:16	16.89	46.8	30.46	10.45	8.08	5.9	2.32	129.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
408	6/9/2009 18:31	16.93	46.803	30.47	10.56	7.98	6.2	2.289	131.1
409	6/9/2009 18:46	17.07	46.905	30.54	10.57	8.09	5.9	2.265	131.7
410	6/9/2009 19:01	17.14	47.065	30.66	10.39	8.09	5.6	2.246	129.7
411	6/9/2009 19:16	17.3	46.976	30.6	10.24	8.08	3.9	2.23	128.2
412	6/9/2009 19:31	17.44	46.89	30.53	10.09	7.99	4.3	2.23	126.6
413	6/9/2009 19:46	17.44	46.809	30.48	10.02	7.98	4	2.237	125.7
414	6/9/2009 20:01	17.43	46.988	30.61	10.27	8.08	3.4	2.259	128.9
415	6/9/2009 20:16	17.25	46.752	30.43	10.25	7.97	3.9	2.286	128.1
416	6/9/2009 20:31	17.21	46.968	30.59	10.19	8.08	4.6	2.309	127.3
417	6/9/2009 20:46	17.16	46.961	30.58	10.2	8.08	4.2	2.363	127.3
418	6/9/2009 21:01	17.18	46.989	30.6	9.94	7.93	5.3	2.416	124.2
419	6/9/2009 21:16	17.13	46.963	30.59	9.86	8.06	5.2	2.466	123
420	6/9/2009 21:31	16.67	46.816	30.47	10.06	8.06	4.6	2.52	124.2
421	6/9/2009 21:46	16.49	46.914	30.54	10.07	8.06	4.6	2.589	124.1
422	6/9/2009 22:01	15.82	46.93	30.55	10.1	8.05	4.4	2.655	122.7
423	6/9/2009 22:16	15.46	46.956	30.56	10.14	7.88	4	2.716	122.4
424	6/9/2009 22:31	15	46.865	30.48	10.22	7.87	4.2	2.793	122.2
425	6/9/2009 22:46	14.68	46.796	30.43	10.23	7.86	4	2.858	121.5
426	6/9/2009 23:01	14.46	47.131	30.66	10.22	8.03	3.4	2.934	121
427	6/9/2009 23:16	14.41	47.056	30.61	10.21	8.03	3.2	3.003	120.7
428	6/9/2009 23:31	14.01	46.733	30.36	10.31	7.85	3.6	3.069	120.7
429	6/9/2009 23:46	13.7	46.874	30.46	10.36	7.84	3.5	3.139	120.7
430	6/10/2009 0:01	13.55	47.107	30.62	10.36	8.02	3.1	3.195	120.4
431	6/10/2009 0:16	13.28	46.999	30.53	10.5	8.02	3.5	3.258	121.3
432	6/10/2009 0:31	13.12	46.817	30.4	10.53	7.83	2.9	3.302	121.1
433	6/10/2009 0:46	13.02	47.163	30.64	10.52	8.01	2.3	3.341	121
434	6/10/2009 1:01	12.94	46.858	30.42	10.52	8.01	2.4	3.383	120.5
435	6/10/2009 1:16	12.89	47.103	30.6	10.46	8.01	2.1	3.395	119.9
436	6/10/2009 1:31	13.19	47.114	30.61	10.3	8.01	2.9	3.401	118.8
437	6/10/2009 1:46	12.94	47.172	30.65	10.3	8	2.1	3.39	118.2
438	6/10/2009 2:01	12.96	46.897	30.45	10.33	8	2	3.373	118.5
439	6/10/2009 2:16	12.99	46.899	30.45	10.31	7.82	2.3	3.32	118.3
440	6/10/2009 2:31	13.8	46.656	30.3	10.02	7.83	4.2	3.258	116.8
441	6/10/2009 2:46	13.91	46.895	30.48	9.88	7.83	4.7	3.195	115.5
442	6/10/2009 3:01	14.12	46.825	30.43	9.78	7.84	5.1	3.111	114.9
443	6/10/2009 3:16	14.43	47.061	30.61	9.57	7.99	5.5	3.022	113.2
444	6/10/2009 3:31	14.76	47.068	30.62	9.63	8.01	5.7	2.92	114.6
445	6/10/2009 3:46	15.01	47.046	30.61	9.71	8.02	7.6	2.828	116.2
446	6/10/2009 4:01	15.26	46.868	30.49	9.48	7.86	5	2.721	114
447	6/10/2009 4:16	15.48	46.774	30.43	9.21	7.86	5.9	2.611	111.1
448	6/10/2009 4:31	15.81	46.802	30.45	9.01	7.86	5.7	2.509	109.5
449	6/10/2009 4:46	16.07	46.968	30.58	8.91	7.87	7.6	2.388	108.9
450	6/10/2009 5:01	16.09	46.971	30.58	8.79	7.99	8.5	2.28	107.5
451	6/10/2009 5:16	16.24	47.002	30.6	8.87	7.87	7.5	2.157	108.7
452	6/10/2009 5:31	16.01	46.901	30.53	8.92	8.01	12.1	2.028	108.8
453	6/10/2009 5:46	16.01	47.038	30.63	8.91	8	12.1	1.909	108.8
454	6/10/2009 6:01	16.38	47.044	30.64	8.92	8.02	13.1	1.772	109.7
455	6/10/2009 6:16	16.52	46.929	30.55	8.84	8.02	13.5	1.638	109
456	6/10/2009 6:31	16.51	46.934	30.56	8.66	7.89	14.5	1.512	106.8
457	6/10/2009 6:46	16.76	46.964	30.58	8.73	8.02	12.7	1.391	108.1
458	6/10/2009 7:01	16.95	47.072	30.66	8.63	8.02	11.7	1.28	107.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
459	6/10/2009 7:16	17.14	47.117	30.7	8.72	8.03	10.6	1.163	108.9
460	6/10/2009 7:31	17.22	47.026	30.63	8.68	8.03	9.1	1.095	108.5
461	6/10/2009 7:46	17.56	46.876	30.52	8.64	8.04	8.4	1.033	108.6
462	6/10/2009 8:01	17.57	46.934	30.57	8.59	7.94	7.1	0.988	108
463	6/10/2009 8:16	17.8	47.017	30.63	8.5	8.05	5.9	0.979	107.4
464	6/10/2009 8:31	17.71	46.962	30.59	8.48	7.94	5.9	1.008	107
465	6/10/2009 8:46	17.98	46.924	30.56	8.72	7.97	4.8	1.028	110.5
466	6/10/2009 9:01	17.89	47.075	30.67	8.74	8.06	4.9	1.064	110.7
467	6/10/2009 9:16	17.98	46.851	30.51	8.81	7.96	7.1	1.14	111.6
468	6/10/2009 9:31	17.95	47.004	30.62	8.86	7.96	6.8	1.204	112.3
469	6/10/2009 9:46	18.03	46.882	30.53	8.86	7.95	6.9	1.275	112.5
470	6/10/2009 10:01	17.97	46.925	30.56	8.45	8.05	8.4	1.338	107.1
471	6/10/2009 10:16	17.76	46.857	30.51	8.56	8.05	6.8	1.421	108
472	6/10/2009 10:31	17.76	46.783	30.46	8.34	7.91	7.9	1.487	105.3
473	6/10/2009 10:46	17.74	46.86	30.51	8.44	7.91	8.5	1.562	106.5
474	6/10/2009 11:01	17.54	46.881	30.53	8.6	7.91	7.4	1.657	108.1
475	6/10/2009 11:16	17.39	46.711	30.4	8.62	7.91	7.1	1.737	107.9
476	6/10/2009 11:31	17.22	46.96	30.58	8.69	7.9	7.1	1.824	108.6
477	6/10/2009 11:46	17.09	46.949	30.57	8.78	8.03	7	1.92	109.5
478	6/10/2009 12:01	16.95	47.022	30.63	8.83	8.02	7.6	2.007	109.8
479	6/10/2009 12:16	16.85	47.037	30.64	8.91	8.02	7.1	2.097	110.6
480	6/10/2009 12:31	16.73	46.987	30.6	9	8.02	7.3	2.185	111.5
481	6/10/2009 12:46	16.71	46.977	30.59	9.09	8.02	6.9	2.275	112.4
482	6/10/2009 13:01	16.65	46.812	30.47	9.18	7.89	7.2	2.354	113.4
483	6/10/2009 13:16	16.59	46.82	30.48	9.29	7.89	6.9	2.427	114.6
484	6/10/2009 13:31	16.22	46.788	30.45	9.27	7.87	6.7	2.508	113.5
485	6/10/2009 13:46	16.01	46.486	30.23	9.54	7.88	6.8	2.579	116.2
486	6/10/2009 14:01	15.84	46.899	30.52	9.65	7.87	5.7	2.646	117.4
487	6/10/2009 14:16	15.47	46.941	30.55	9.81	7.87	6.5	2.713	118.5
488	6/10/2009 14:31	14.91	47.052	30.62	9.99	8.03	5.6	2.776	119.3
489	6/10/2009 14:46	14.57	46.939	30.53	10.13	8.03	5.6	2.835	120.1
490	6/10/2009 15:01	14.34	46.801	30.42	10.35	7.86	3.9	2.877	122
491	6/10/2009 15:16	14.19	46.733	30.37	10.47	7.86	2.9	2.919	123
492	6/10/2009 15:31	14.13	46.693	30.34	10.47	7.86	3.2	2.947	122.8
493	6/10/2009 15:46	14.6	46.877	30.48	10.35	7.87	3.2	2.956	122.8
494	6/10/2009 16:01	14.19	46.887	30.48	10.29	7.85	2.6	2.946	121
495	6/10/2009 16:16	14.19	46.976	30.54	10.39	8.03	3.3	2.913	122.2
496	6/10/2009 16:31	14.37	46.799	30.42	10.33	7.86	4	2.871	121.8
497	6/10/2009 16:46	15.84	46.831	30.47	10.29	7.92	4.4	2.827	125.1
498	6/10/2009 17:01	15.8	46.954	30.56	10.1	8.05	4.8	2.754	122.7
499	6/10/2009 17:16	16.38	46.932	30.55	10.13	8.06	6.5	2.696	124.5
500	6/10/2009 17:31	16.54	46.928	30.55	9.99	7.92	6.7	2.633	123.2
501	6/10/2009 17:46	16.63	46.806	30.47	9.89	7.92	6.5	2.574	122.1
502	6/10/2009 18:01	16.91	46.799	30.46	9.87	7.94	6.5	2.516	122.5
503	6/10/2009 18:16	17.07	46.937	30.57	10.02	7.95	7.1	2.463	124.8
504	6/10/2009 18:31	17.03	46.676	30.38	10.04	7.95	7.6	2.426	124.9
505	6/10/2009 18:46	17.2	46.808	30.47	10.03	7.95	6.8	2.376	125.2
506	6/10/2009 19:01	17.32	46.784	30.46	10	7.96	6.7	2.349	125.1
507	6/10/2009 19:16	17.52	46.849	30.51	10	7.97	6	2.322	125.6
508	6/10/2009 19:31	17.59	46.97	30.59	9.98	8.08	5.4	2.288	125.6
509	6/10/2009 19:46	17.7	46.959	30.59	9.89	7.97	4.9	2.279	124.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
510	6/10/2009 20:01	17.89	46.931	30.57	9.72	7.98	3.7	2.277	123
511	6/10/2009 20:16	17.99	47.001	30.62	9.58	7.98	3.7	2.277	121.5
512	6/10/2009 20:31	18	46.865	30.52	9.64	8.08	3.4	2.279	122.3
513	6/10/2009 20:46	18.02	46.924	30.56	9.8	7.99	3.7	2.297	124.3
514	6/10/2009 21:01	17.75	47.054	30.66	9.8	8.08	4.5	2.332	123.8
515	6/10/2009 21:16	17.73	46.938	30.57	9.87	8.08	4	2.364	124.6
516	6/10/2009 21:31	17.72	46.918	30.56	9.86	7.96	3.9	2.404	124.4
517	6/10/2009 21:46	17.51	46.864	30.52	9.67	7.94	4.7	2.459	121.5
518	6/10/2009 22:01	17.69	46.825	30.49	9.5	7.93	6	2.511	119.7
519	6/10/2009 22:16	17.24	46.709	30.4	9.59	7.92	4.6	2.572	119.7
520	6/10/2009 22:31	16.92	46.929	30.56	9.66	8.06	4.8	2.632	120
521	6/10/2009 22:46	16.39	46.979	30.59	9.82	8.06	4.3	2.696	120.8
522	6/10/2009 23:01	15.91	47.008	30.6	9.89	8.05	4.2	2.759	120.5
523	6/10/2009 23:16	15.59	46.854	30.49	10	7.88	4.2	2.827	121
524	6/10/2009 23:31	15.02	46.889	30.5	10.18	8.04	3.9	2.888	121.7
525	6/10/2009 23:46	14.72	47.034	30.6	10.21	8.04	3.7	2.958	121.4
526	6/11/2009 0:01	14.73	46.797	30.43	10.18	7.86	3.4	3.023	121
527	6/11/2009 0:16	14.53	46.954	30.54	10.24	7.86	3.4	3.083	121.3
528	6/11/2009 0:31	14.41	47.025	30.58	10.25	8.04	3	3.141	121.1
529	6/11/2009 0:46	14.21	46.84	30.45	10.41	8.04	2.9	3.194	122.4
530	6/11/2009 1:01	14.07	46.822	30.43	10.5	8.05	2.5	3.244	123.2
531	6/11/2009 1:16	14	46.792	30.41	10.57	7.87	2.5	3.28	123.7
532	6/11/2009 1:31	13.99	46.919	30.5	10.54	8.05	2.6	3.309	123.4
533	6/11/2009 1:46	13.87	46.844	30.44	10.57	8.05	2.6	3.337	123.4
534	6/11/2009 2:01	13.89	46.623	30.28	10.5	8.04	2.4	3.348	122.5
535	6/11/2009 2:16	13.86	46.648	30.3	10.35	7.85	1.9	3.334	120.8
536	6/11/2009 2:31	13.84	46.63	30.28	10.47	7.86	2.1	3.317	122.1
537	6/11/2009 2:46	13.88	46.77	30.39	10.36	8.04	1.9	3.285	121
538	6/11/2009 3:01	14.34	46.674	30.33	10.05	7.85	2.9	3.231	118.5
539	6/11/2009 3:16	14.86	46.977	30.56	9.58	8.02	6.6	3.154	114.3
540	6/11/2009 3:31	14.88	46.843	30.46	9.49	7.85	5.1	3.086	113.1
541	6/11/2009 3:46	15.13	47.012	30.59	9.35	8.01	5.4	3.009	112.1
542	6/11/2009 4:01	15.07	47.038	30.61	9.45	8.01	4.8	2.921	113.3
543	6/11/2009 4:16	15.57	46.829	30.47	9.19	8.02	5.6	2.816	111.1
544	6/11/2009 4:31	15.8	46.955	30.56	8.93	7.86	6.6	2.726	108.6
545	6/11/2009 4:46	16.13	46.952	30.57	8.74	8	6.3	2.63	106.9
546	6/11/2009 5:01	16.4	47.108	30.68	8.5	7.99	6.4	2.529	104.6
547	6/11/2009 5:16	16.56	47	30.61	8.27	7.99	8.3	2.419	102
548	6/11/2009 5:31	16.89	47.194	30.75	8.6	8.02	9.8	2.311	107
549	6/11/2009 5:46	16.64	46.856	30.5	8.25	7.87	9.8	2.203	102
550	6/11/2009 6:01	16.52	47.011	30.61	8.38	8	11.2	2.083	103.3
551	6/11/2009 6:16	16.24	46.923	30.55	8.5	7.85	9.6	1.966	104.1
552	6/11/2009 6:31	16.64	47.096	30.68	8.58	7.88	10.3	1.836	106.1
553	6/11/2009 6:46	16.72	47.167	30.73	8.58	8.03	11.7	1.717	106.3
554	6/11/2009 7:01	16.95	47.158	30.72	8.53	8.03	12	1.594	106.2
555	6/11/2009 7:16	17.25	46.898	30.54	8.46	8.04	13	1.474	105.8
556	6/11/2009 7:31	17.37	46.975	30.6	8.39	8.04	11.8	1.354	105.1
557	6/11/2009 7:46	17.59	46.94	30.57	8.46	8.05	10.4	1.265	106.4
558	6/11/2009 8:01	17.86	46.979	30.6	8.4	8.06	8.9	1.19	106.3
559	6/11/2009 8:16	17.99	46.956	30.59	8.36	7.95	8.1	1.111	106.1
560	6/11/2009 8:31	18.25	47.021	30.63	8.34	8.08	8.5	1.071	106.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
561	6/11/2009 8:46	18.36	47.119	30.7	8.25	7.97	6.8	1.065	105.5
562	6/11/2009 9:01	18.49	46.779	30.46	8.19	7.98	4.9	1.056	104.8
563	6/11/2009 9:16	18.42	47.003	30.62	8.31	7.97	5.6	1.075	106.2
564	6/11/2009 9:31	18.58	47.052	30.66	8.43	8.09	4.6	1.127	108.2
565	6/11/2009 9:46	18.36	47.045	30.65	8.5	8.09	4.6	1.172	108.6
566	6/11/2009 10:01	18.46	47.011	30.63	8.47	8.1	6	1.224	108.4
567	6/11/2009 10:16	18.35	46.897	30.54	8.45	8.09	5.8	1.299	107.9
568	6/11/2009 10:31	18.5	46.932	30.57	8.21	8.06	8	1.372	105.1
569	6/11/2009 10:46	18.35	46.941	30.58	8.12	8.06	7.3	1.446	103.6
570	6/11/2009 11:01	18.34	46.87	30.52	8.04	8.05	7.8	1.518	102.7
571	6/11/2009 11:16	18.33	46.713	30.41	7.97	7.93	8.4	1.589	101.6
572	6/11/2009 11:31	18.13	46.89	30.54	8.18	8.05	7.6	1.679	104
573	6/11/2009 11:46	17.94	46.774	30.45	8.23	8.05	6.7	1.755	104.2
574	6/11/2009 12:01	17.78	46.771	30.45	8.24	7.92	6.6	1.842	103.9
575	6/11/2009 12:16	17.52	46.743	30.43	8.29	7.9	7.8	1.936	104.1
576	6/11/2009 12:31	17.33	46.824	30.49	8.43	7.9	7.6	2.016	105.5
577	6/11/2009 12:46	17.12	46.992	30.61	8.5	8.02	6.9	2.103	106
578	6/11/2009 13:01	17.03	46.889	30.53	8.56	8.02	6.2	2.186	106.6
579	6/11/2009 13:16	17.02	46.922	30.55	8.62	7.89	7.1	2.272	107.3
580	6/11/2009 13:31	17.01	46.97	30.59	8.73	8.03	7.1	2.353	108.7
581	6/11/2009 13:46	16.86	47.036	30.64	8.87	8.03	7	2.419	110.1
582	6/11/2009 14:01	16.72	46.742	30.42	9	8.03	5.9	2.493	111.3
583	6/11/2009 14:16	16.41	47.15	30.71	9.07	8.03	6.8	2.575	111.6
584	6/11/2009 14:31	16.18	47.15	30.71	9.28	8.04	6.7	2.632	113.8
585	6/11/2009 14:46	16.05	46.993	30.59	9.41	8.04	5.9	2.691	114.9
586	6/11/2009 15:01	15.78	47.053	30.63	9.67	8.04	5.2	2.756	117.5
587	6/11/2009 15:16	15.35	46.599	30.3	10	7.89	5.3	2.814	120.2
588	6/11/2009 15:31	15.04	46.838	30.46	10.27	8.06	4.7	2.857	122.9
589	6/11/2009 15:46	14.97	46.777	30.42	10.35	8.07	3.6	2.889	123.6
590	6/11/2009 16:01	14.87	46.74	30.39	10.38	8.07	2.9	2.924	123.7
591	6/11/2009 16:16	14.86	47.015	30.59	10.16	8.05	3.1	2.936	121.2
592	6/11/2009 16:31	14.88	47.182	30.71	10.21	8.06	2.8	2.927	121.9
593	6/11/2009 16:46	14.88	47.213	30.73	10.26	8.06	3.1	2.909	122.6
594	6/11/2009 17:01	14.98	47.253	30.76	10.19	8.06	3.4	2.882	122
595	6/11/2009 17:16	15.22	46.942	30.54	10.11	8.06	3.7	2.838	121.5
596	6/11/2009 17:31	16.48	47.232	30.77	9.95	8.08	5.7	2.768	122.7
597	6/11/2009 17:46	16.44	46.856	30.5	9.76	8.07	4.7	2.723	120.1
598	6/11/2009 18:01	16.66	47.117	30.69	9.75	8.07	5.7	2.659	120.6
599	6/11/2009 18:16	16.8	47.115	30.69	9.55	8.07	5.6	2.591	118.5
600	6/11/2009 18:31	16.84	47.239	30.78	9.46	8.06	5.2	2.542	117.5
601	6/11/2009 18:46	17.01	47.103	30.69	9.6	8.07	6.4	2.482	119.5
602	6/11/2009 19:01	17	47.135	30.71	9.77	7.95	5.7	2.44	121.6
603	6/11/2009 19:16	17.09	46.94	30.57	9.73	7.95	5.9	2.392	121.3
604	6/11/2009 19:31	17.25	47.071	30.66	9.58	7.95	4.9	2.349	119.9
605	6/11/2009 19:46	17.31	46.916	30.55	9.58	7.96	5.1	2.329	119.9
606	6/11/2009 20:01	17.42	46.849	30.5	9.52	7.96	5.6	2.29	119.4
607	6/11/2009 20:16	17.56	46.673	30.38	9.43	7.97	4.7	2.273	118.5
608	6/11/2009 20:31	17.66	46.865	30.52	9.34	7.97	4.1	2.262	117.6
609	6/11/2009 20:46	17.76	46.987	30.61	9.2	7.97	3.5	2.261	116.2
610	6/11/2009 21:01	17.87	46.837	30.5	9.15	7.97	3.1	2.253	115.7
611	6/11/2009 21:16	17.81	46.986	30.61	9.04	7.97	3.2	2.264	114.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
612	6/11/2009 21:31	17.75	46.828	30.49	9.24	7.97	3.9	2.286	116.6
613	6/11/2009 21:46	17.66	46.824	30.49	9.21	7.96	3.9	2.304	116
614	6/11/2009 22:01	17.61	46.843	30.5	9.23	7.96	3.4	2.342	116.2
615	6/11/2009 22:16	17.57	46.955	30.58	9.24	8.08	4.1	2.377	116.2
616	6/11/2009 22:31	17.47	46.928	30.56	9.16	8.07	4.2	2.426	115
617	6/11/2009 22:46	17.6	46.919	30.56	9	8.06	5.1	2.479	113.3
618	6/11/2009 23:01	17.3	46.655	30.36	9.13	7.93	4.5	2.529	114.1
619	6/11/2009 23:16	17.09	46.955	30.58	9.2	8.06	4.4	2.583	114.7
620	6/11/2009 23:31	16.54	46.68	30.37	9.42	7.91	4.2	2.644	116.1
621	6/11/2009 23:46	16.13	46.729	30.4	9.59	7.9	3.8	2.697	117.2
622	6/12/2009 0:01	15.95	46.995	30.59	9.64	8.06	3.8	2.751	117.5
623	6/12/2009 0:16	15.51	46.942	30.55	9.86	8.06	3.7	2.822	119.1
624	6/12/2009 0:31	15.25	46.634	30.32	9.95	7.89	3.5	2.872	119.4
625	6/12/2009 0:46	15.08	46.857	30.48	9.95	7.89	3.2	2.927	119.1
626	6/12/2009 1:01	15.01	46.833	30.46	9.93	8.05	3.2	2.988	118.7
627	6/12/2009 1:16	14.95	46.924	30.52	9.92	8.05	3.5	3.038	118.5
628	6/12/2009 1:31	14.73	46.959	30.54	10.01	8.06	2.9	3.08	119.1
629	6/12/2009 1:46	14.52	47.034	30.59	10.08	8.06	2.8	3.125	119.4
630	6/12/2009 2:01	14.35	46.954	30.53	10.18	8.06	2.9	3.162	120.1
631	6/12/2009 2:16	14.25	46.926	30.51	10.2	8.06	2.9	3.187	120.1
632	6/12/2009 2:31	14.23	46.91	30.5	10.07	8.05	2.5	3.205	118.5
633	6/12/2009 2:46	14.51	46.865	30.47	9.93	8.05	2.9	3.214	117.5
634	6/12/2009 3:01	14.27	46.886	30.48	9.91	7.87	2	3.205	116.7
635	6/12/2009 3:16	14.22	46.885	30.48	10	8.05	1.8	3.185	117.7
636	6/12/2009 3:31	14.21	46.884	30.48	10.03	8.05	3	3.145	118
637	6/12/2009 3:46	14.37	46.896	30.49	9.9	8.05	2.1	3.101	116.8
638	6/12/2009 4:01	15.08	46.459	30.19	9.32	7.87	4.4	3.033	111.4
639	6/12/2009 4:16	15.19	46.879	30.5	9.25	7.87	4.9	2.957	111
640	6/12/2009 4:31	15.43	46.743	30.4	9.07	7.87	5.2	2.891	109.4
641	6/12/2009 4:46	15.59	46.927	30.54	8.98	8.02	5.4	2.794	108.6
642	6/12/2009 5:01	15.67	47	30.59	8.77	8.01	5.7	2.713	106.4
643	6/12/2009 5:16	15.9	46.695	30.38	8.67	7.86	6.2	2.621	105.5
644	6/12/2009 5:31	16.2	46.919	30.54	8.34	8	6.5	2.517	102.2
645	6/12/2009 5:46	15.9	46.776	30.44	8.38	7.85	8.2	2.435	101.9
646	6/12/2009 6:01	16.45	46.926	30.55	8.14	7.87	7.6	2.328	100.1
647	6/12/2009 6:16	16.54	47.062	30.65	8.11	8	8.5	2.215	100.1
648	6/12/2009 6:31	16.91	46.74	30.42	8.1	7.89	9.1	2.115	100.5
649	6/12/2009 6:46	16.78	46.793	30.46	8.19	7.88	8.8	2.011	101.4
650	6/12/2009 7:01	16.69	46.864	30.51	8.26	7.89	9.2	1.894	102.1
651	6/12/2009 7:16	16.8	46.993	30.6	8.25	8.03	10.7	1.769	102.2
652	6/12/2009 7:31	17	47.04	30.64	8.23	8.04	9.9	1.683	102.4
653	6/12/2009 7:46	17.07	47.05	30.65	8.16	8.04	12	1.559	101.8
654	6/12/2009 8:01	17.2	46.687	30.39	8.12	7.92	10.6	1.452	101.3
655	6/12/2009 8:16	17.38	47.086	30.68	8.04	8.04	9.2	1.369	100.8
656	6/12/2009 8:31	17.55	46.891	30.54	8.05	7.93	7.9	1.296	101.2
657	6/12/2009 8:46	17.66	47.036	30.64	8	8.05	8.5	1.227	100.9
658	6/12/2009 9:01	18.03	47.067	30.67	7.99	7.96	7.7	1.171	101.4
659	6/12/2009 9:16	18.07	47.099	30.69	7.95	8.07	5.6	1.17	101.1
660	6/12/2009 9:31	18.2	47.017	30.63	7.84	7.97	4.6	1.158	99.9
661	6/12/2009 9:46	18.3	46.96	30.59	7.97	7.98	4.1	1.158	101.7
662	6/12/2009 10:01	18.33	46.945	30.58	8.02	7.99	3.8	1.198	102.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
663	6/12/2009 10:16	18.19	46.923	30.56	8.02	7.97	5.1	1.252	102.1
664	6/12/2009 10:31	18.27	47.016	30.63	7.86	7.97	7.4	1.298	100.3
665	6/12/2009 10:46	18.25	47.001	30.62	7.92	7.97	7.7	1.355	100.9
666	6/12/2009 11:01	18.3	47.025	30.64	7.66	8.05	10.1	1.439	97.7
667	6/12/2009 11:16	18.27	46.623	30.34	7.42	7.92	10.4	1.503	94.5
668	6/12/2009 11:31	18.06	46.921	30.56	7.52	8.04	8.1	1.565	95.5
669	6/12/2009 11:46	18.02	46.935	30.57	7.57	8.04	8.2	1.642	96.1
670	6/12/2009 12:01	17.93	46.966	30.59	7.74	8.04	7.3	1.717	98.1
671	6/12/2009 12:16	17.85	46.725	30.42	7.78	7.93	7.2	1.798	98.3
672	6/12/2009 12:31	17.72	46.862	30.52	7.81	8.04	7	1.87	98.5
673	6/12/2009 12:46	17.41	46.885	30.53	7.96	8.03	7.4	1.949	99.8
674	6/12/2009 13:01	17.21	46.953	30.58	8.17	8.03	6.8	2.031	102.1
675	6/12/2009 13:16	17.05	46.588	30.31	8.27	7.89	7.4	2.112	102.9
676	6/12/2009 13:31	17.04	46.999	30.61	8.26	8.02	7.6	2.194	102.9
677	6/12/2009 13:46	17.05	46.887	30.53	8.38	8.03	5.9	2.269	104.4
678	6/12/2009 14:01	17.07	46.932	30.56	8.5	8.03	6.8	2.349	105.9
679	6/12/2009 14:16	16.98	46.996	30.61	8.63	8.03	6.8	2.425	107.3
680	6/12/2009 14:31	16.81	46.777	30.45	8.73	7.89	7.4	2.494	108.2
681	6/12/2009 14:46	16.6	46.727	30.41	8.82	7.89	6.9	2.563	108.9
682	6/12/2009 15:01	16.44	46.73	30.41	9.16	7.9	6.6	2.631	112.7
683	6/12/2009 15:16	16.3	46.771	30.44	9.39	7.9	6.3	2.705	115.2
684	6/12/2009 15:31	15.99	46.83	30.48	9.71	8.06	5.9	2.755	118.5
685	6/12/2009 15:46	15.72	46.854	30.49	10	8.07	5.2	2.828	121.3
686	6/12/2009 16:01	15.41	46.721	30.39	10.27	8.08	4.6	2.87	123.8
687	6/12/2009 16:16	15.27	46.896	30.51	10.33	8.09	3.4	2.911	124.2
688	6/12/2009 16:31	15.1	46.646	30.33	10.47	8.09	3.3	2.951	125.4
689	6/12/2009 16:46	15.04	46.821	30.45	10.41	8.09	2.3	2.959	124.5
690	6/12/2009 17:01	15.17	46.717	30.38	10.33	8.09	3.2	2.97	123.8
691	6/12/2009 17:16	15.18	46.698	30.37	10.34	8.09	3.7	2.949	124
692	6/12/2009 17:31	15.2	46.549	30.26	10.34	7.92	3.4	2.926	124
693	6/12/2009 17:46	15.4	46.691	30.37	10.2	7.92	3.7	2.887	122.8
694	6/12/2009 18:01	16.55	46.813	30.47	10.04	8.09	4	2.828	123.8
695	6/12/2009 18:16	16.51	46.716	30.4	9.94	7.95	4.8	2.776	122.4
696	6/12/2009 18:31	16.74	46.636	30.34	9.76	7.94	5.1	2.719	120.7
697	6/12/2009 18:46	17.09	46.705	30.4	9.66	7.95	6	2.654	120.2
698	6/12/2009 19:01	17.08	46.616	30.33	9.41	7.94	5.4	2.6	117.1
699	6/12/2009 19:16	17.2	46.885	30.53	9.41	8.08	6	2.539	117.5
700	6/12/2009 19:31	17.29	46.696	30.39	9.37	7.95	5.6	2.488	117.1
701	6/12/2009 19:46	17.23	46.868	30.52	9.4	7.95	7.1	2.432	117.4
702	6/12/2009 20:01	17.41	46.983	30.6	9.19	8.07	5.7	2.398	115.3
703	6/12/2009 20:16	17.47	46.819	30.48	9.23	7.96	5.7	2.358	115.9
704	6/12/2009 20:31	17.53	46.896	30.54	9.12	8.08	5.2	2.316	114.7
705	6/12/2009 20:46	17.61	46.703	30.4	9.12	7.96	5	2.289	114.6
706	6/12/2009 21:01	17.74	46.892	30.54	9.04	7.96	4.5	2.261	114.1
707	6/12/2009 21:16	17.84	46.9	30.54	8.98	7.97	4.2	2.258	113.6
708	6/12/2009 21:31	17.9	46.854	30.51	8.92	7.97	3.8	2.241	112.8
709	6/12/2009 21:46	18.03	46.862	30.52	8.79	7.97	3.2	2.235	111.5
710	6/12/2009 22:01	18.09	46.856	30.51	8.49	8.06	3.7	2.245	107.9
711	6/12/2009 22:16	17.98	46.739	30.43	8.91	7.97	3.2	2.268	112.9
712	6/12/2009 22:31	17.88	47.006	30.62	8.86	8.08	3.5	2.272	112.1
713	6/12/2009 22:46	17.83	46.936	30.57	8.87	8.08	3.4	2.299	112.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
714	6/12/2009 23:01	17.79	46.81	30.48	8.86	7.95	4	2.34	111.9
715	6/12/2009 23:16	17.7	46.798	30.47	8.84	7.95	4.6	2.379	111.5
716	6/12/2009 23:31	17.73	46.831	30.49	8.74	7.94	4.9	2.42	110.2
717	6/12/2009 23:46	17.7	46.718	30.41	8.68	7.93	5.1	2.467	109.4
718	6/13/2009 0:01	17.43	46.877	30.53	8.85	8.06	4.9	2.519	111
719	6/13/2009 0:16	17.27	46.626	30.34	8.95	7.93	4.5	2.57	111.8
720	6/13/2009 0:31	16.87	46.923	30.55	9.09	8.06	4.6	2.614	112.8
721	6/13/2009 0:46	16.51	46.859	30.5	9.27	8.06	3.8	2.666	114.3
722	6/13/2009 1:01	16.24	46.897	30.53	9.38	8.06	3.6	2.72	114.9
723	6/13/2009 1:16	16.11	46.595	30.31	9.46	7.91	3.5	2.769	115.4
724	6/13/2009 1:31	15.8	46.934	30.55	9.52	8.06	3.2	2.82	115.7
725	6/13/2009 1:46	15.62	46.829	30.47	9.57	8.06	3.2	2.869	115.8
726	6/13/2009 2:01	15.45	46.519	30.24	9.7	7.9	3.1	2.922	116.8
727	6/13/2009 2:16	15.35	46.833	30.47	9.71	8.06	2.7	2.961	116.8
728	6/13/2009 2:31	15.25	46.726	30.39	9.72	7.9	2.7	2.998	116.7
729	6/13/2009 2:46	15.09	46.921	30.53	9.76	8.06	2.5	3.031	116.9
730	6/13/2009 3:01	14.97	46.736	30.39	9.78	8.06	2.3	3.061	116.8
731	6/13/2009 3:16	14.92	46.754	30.4	9.66	8.06	2	3.071	115.2
732	6/13/2009 3:31	14.99	46.895	30.5	9.58	8.06	2.3	3.076	114.6
733	6/13/2009 3:46	14.9	46.856	30.47	9.57	8.05	1.9	3.073	114.2
734	6/13/2009 4:01	14.89	46.669	30.34	9.63	8.06	2.1	3.048	114.8
735	6/13/2009 4:16	14.9	46.726	30.38	9.62	8.06	2.5	3.016	114.7
736	6/13/2009 4:31	15.03	46.858	30.48	9.51	8.05	2.3	2.969	113.7
737	6/13/2009 4:46	15.58	46.648	30.34	9.08	8.04	3.7	2.916	109.7
738	6/13/2009 5:01	15.84	46.658	30.35	8.7	7.88	5.8	2.849	105.7
739	6/13/2009 5:16	15.99	46.82	30.47	8.59	7.88	7.1	2.768	104.8
740	6/13/2009 5:31	16.22	46.904	30.53	8.47	8.02	6.3	2.702	103.7
741	6/13/2009 5:46	16.24	46.728	30.41	8.44	7.87	6.3	2.607	103.4
742	6/13/2009 6:01	16.38	46.935	30.56	8.24	8.01	6.3	2.53	101.4
743	6/13/2009 6:16	16.41	46.667	30.36	8.28	8.01	7.3	2.44	101.7
744	6/13/2009 6:31	16.08	46.939	30.56	8.25	8.01	7.5	2.357	100.8
745	6/13/2009 6:46	16.07	47.015	30.61	8.21	8	8.2	2.266	100.3
746	6/13/2009 7:01	16.86	46.874	30.52	7.85	8	7.4	2.167	97.4
747	6/13/2009 7:16	16.65	46.862	30.51	7.78	8	7.6	2.077	96.1
748	6/13/2009 7:31	16.76	47.003	30.61	7.98	8.01	8.3	1.976	98.9
749	6/13/2009 7:46	16.48	46.946	30.57	8.07	8.01	9.4	1.88	99.4
750	6/13/2009 8:01	16.94	46.655	30.36	8.05	7.89	8.4	1.781	99.9
751	6/13/2009 8:16	17.11	46.789	30.46	8	7.9	8.1	1.68	99.7
752	6/13/2009 8:31	17.37	46.951	30.58	7.94	8.04	7.7	1.602	99.5
753	6/13/2009 8:46	17.62	46.906	30.55	7.91	7.93	7	1.515	99.6
754	6/13/2009 9:01	17.72	46.96	30.59	7.89	7.93	6.8	1.447	99.6
755	6/13/2009 9:16	17.95	46.884	30.53	7.84	8.05	6	1.389	99.3
756	6/13/2009 9:31	18.01	46.901	30.55	7.82	7.94	5.3	1.345	99.2
757	6/13/2009 9:46	18.29	47.111	30.7	7.74	8.07	4.8	1.321	98.8
758	6/13/2009 10:01	18.47	46.811	30.48	7.72	7.97	4	1.288	98.7
759	6/13/2009 10:16	18.59	47.138	30.72	7.58	8.07	3.5	1.304	97.3
760	6/13/2009 10:31	18.58	46.969	30.6	7.83	8.08	3.5	1.324	100.5
761	6/13/2009 10:46	18.65	46.806	30.48	7.89	7.99	3.1	1.353	101.3
762	6/13/2009 11:01	18.62	47.012	30.63	7.84	7.98	4.8	1.397	100.7
763	6/13/2009 11:16	18.57	47.018	30.63	7.78	7.98	6	1.449	99.7
764	6/13/2009 11:31	18.62	47.018	30.63	7.79	8.08	6.6	1.522	100

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
765	6/13/2009 11:46	18.71	46.948	30.58	7.51	8.05	9.9	1.57	96.6
766	6/13/2009 12:01	18.65	46.896	30.54	7.39	8.03	8.1	1.65	94.8
767	6/13/2009 12:16	18.53	46.822	30.49	7.31	8.03	8.9	1.719	93.7
768	6/13/2009 12:31	18.39	46.791	30.47	7.42	7.92	7.2	1.781	94.8
769	6/13/2009 12:46	18.2	46.939	30.57	7.56	7.93	6.2	1.867	96.3
770	6/13/2009 13:01	18.12	46.858	30.51	7.57	8.04	7.8	1.932	96.2
771	6/13/2009 13:16	17.97	46.808	30.48	7.56	7.91	6.9	2.007	95.9
772	6/13/2009 13:31	17.73	46.952	30.58	7.68	8.02	7.1	2.085	96.9
773	6/13/2009 13:46	17.57	46.78	30.46	7.86	7.89	7.4	2.158	98.9
774	6/13/2009 14:01	17.35	46.909	30.55	7.97	8.02	6.7	2.233	99.9
775	6/13/2009 14:16	17.35	46.89	30.53	8.03	8.02	6.8	2.31	100.5
776	6/13/2009 14:31	17.27	46.969	30.59	8.17	8.03	6.9	2.382	102.2
777	6/13/2009 14:46	17.24	46.931	30.56	8.29	8.03	6.9	2.452	103.6
778	6/13/2009 15:01	17.15	46.615	30.33	8.43	7.9	9.8	2.53	105.1
779	6/13/2009 15:16	16.84	46.713	30.4	8.57	7.9	7.5	2.593	106.2
780	6/13/2009 15:31	16.61	46.826	30.48	8.7	8.04	7.2	2.664	107.4
781	6/13/2009 15:46	16.44	46.714	30.4	8.96	8.05	6.9	2.73	110.2
782	6/13/2009 16:01	16.16	46.637	30.34	9.13	7.91	5.8	2.787	111.6
783	6/13/2009 16:16	15.96	46.324	30.11	9.38	7.91	5.1	2.857	114
784	6/13/2009 16:31	15.67	46.689	30.37	9.57	7.91	4.3	2.905	115.8
785	6/13/2009 16:46	15.48	46.721	30.39	9.67	8.07	4	2.939	116.6
786	6/13/2009 17:01	15.31	46.612	30.31	9.73	7.92	3.4	2.979	117
787	6/13/2009 17:16	15.21	46.769	30.42	9.78	8.08	3.6	3.007	117.4
788	6/13/2009 17:31	15.11	46.694	30.36	9.65	8.07	3.5	3.018	115.6
789	6/13/2009 17:46	15.14	46.818	30.45	9.82	8.08	3.9	3.001	117.7
790	6/13/2009 18:01	15.16	46.645	30.33	9.78	8.08	2.7	2.988	117.2
791	6/13/2009 18:16	15.27	46.678	30.35	9.69	8.07	3.1	2.966	116.4
792	6/13/2009 18:31	15.51	46.484	30.22	9.56	7.92	3.1	2.915	115.2
793	6/13/2009 18:46	16.45	46.815	30.47	9.31	8.08	4.8	2.856	114.5
794	6/13/2009 19:01	16.59	46.707	30.39	9.2	8.08	5.8	2.797	113.5
795	6/13/2009 19:16	16.64	46.815	30.47	9.15	8.07	6.3	2.748	113
796	6/13/2009 19:31	16.81	46.715	30.4	8.99	8.07	5.6	2.677	111.3
797	6/13/2009 19:46	16.92	46.78	30.45	8.83	8.06	5.3	2.611	109.6
798	6/13/2009 20:01	17.03	46.713	30.4	8.84	8.06	6.5	2.559	109.9
799	6/13/2009 20:16	17.04	46.788	30.46	8.87	8.06	5.8	2.507	110.4
800	6/13/2009 20:31	17.22	46.718	30.41	8.77	7.94	5.6	2.456	109.5
801	6/13/2009 20:46	17.28	46.867	30.52	8.76	8.07	6.4	2.398	109.5
802	6/13/2009 21:01	17.37	46.671	30.38	8.71	7.94	5.7	2.361	109
803	6/13/2009 21:16	17.46	46.76	30.44	8.6	7.94	5.3	2.318	107.9
804	6/13/2009 21:31	17.57	46.737	30.42	8.55	8.06	5.6	2.287	107.4
805	6/13/2009 21:46	17.62	46.826	30.49	8.51	7.95	4.8	2.258	107.2
806	6/13/2009 22:01	17.69	46.856	30.51	8.46	8.07	4.5	2.22	106.6
807	6/13/2009 22:16	17.75	46.841	30.5	8.4	8.07	4.2	2.215	106
808	6/13/2009 22:31	17.82	46.654	30.37	8.32	7.95	3.7	2.201	105.1
809	6/13/2009 22:46	17.96	46.81	30.48	8.22	7.96	3.2	2.195	104.2
810	6/13/2009 23:01	17.95	46.795	30.47	7.88	8.05	3.4	2.195	99.8
811	6/13/2009 23:16	17.94	46.969	30.59	8.25	8.07	2.9	2.199	104.6
812	6/13/2009 23:31	17.88	46.851	30.51	8.3	8.06	2.9	2.229	105
813	6/13/2009 23:46	17.75	46.859	30.51	8.28	8.06	3.5	2.244	104.5
814	6/14/2009 0:01	17.71	47.015	30.63	8.29	8.06	4.4	2.275	104.6
815	6/14/2009 0:16	17.67	46.995	30.61	8.28	8.05	4.8	2.314	104.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
816	6/14/2009 0:31	17.6	46.911	30.55	8.28	8.05	5.3	2.354	104.2
817	6/14/2009 0:46	17.56	46.789	30.46	8.18	8.05	5.5	2.4	102.8
818	6/14/2009 1:01	17.47	46.764	30.44	8.2	8.05	5.9	2.445	102.8
819	6/14/2009 1:16	17.4	46.734	30.42	8.28	7.92	4.5	2.496	103.8
820	6/14/2009 1:31	17.26	46.775	30.45	8.36	8.05	4.2	2.537	104.5
821	6/14/2009 1:46	17.07	46.849	30.5	8.42	8.05	4.3	2.593	104.8
822	6/14/2009 2:01	16.7	46.824	30.48	8.61	8.05	3.5	2.643	106.5
823	6/14/2009 2:16	16.4	46.704	30.39	8.74	8.05	3.6	2.689	107.3
824	6/14/2009 2:31	16.16	46.826	30.47	8.85	8.05	3.5	2.731	108.3
825	6/14/2009 2:46	16.01	46.758	30.42	8.89	8.05	3.8	2.782	108.5
826	6/14/2009 3:01	15.87	46.801	30.45	8.95	8.05	2.7	2.822	108.8
827	6/14/2009 3:16	15.83	46.568	30.28	8.91	8.04	2.4	2.85	108.2
828	6/14/2009 3:31	15.8	46.865	30.5	8.83	8.05	2.3	2.885	107.3
829	6/14/2009 3:46	15.72	46.84	30.48	8.87	8.04	2.3	2.911	107.6
830	6/14/2009 4:01	15.55	46.751	30.41	8.9	8.04	2	2.924	107.5
831	6/14/2009 4:16	15.76	46.757	30.42	8.71	8.04	2.4	2.931	105.6
832	6/14/2009 4:31	15.52	46.622	30.32	8.73	8.03	2.6	2.924	105.3
833	6/14/2009 4:46	15.5	46.838	30.47	8.8	8.04	1.7	2.913	106.2
834	6/14/2009 5:01	15.57	46.692	30.37	8.77	8.04	1.8	2.887	106
835	6/14/2009 5:16	15.79	46.809	30.46	8.49	8.03	2.6	2.847	103.1
836	6/14/2009 5:31	16.29	46.786	30.45	7.91	8	6.5	2.808	97
837	6/14/2009 5:46	16.61	46.781	30.45	7.46	7.98	6.2	2.751	92.1
838	6/14/2009 6:01	16.6	46.943	30.57	7.17	7.96	5.6	2.698	88.5
839	6/14/2009 6:16	16.64	46.741	30.42	7.41	7.98	5.9	2.628	91.5
840	6/14/2009 6:31	16.66	46.756	30.43	7.29	7.97	6.5	2.55	90.1
841	6/14/2009 6:46	16.76	46.801	30.46	7.29	7.97	6.8	2.484	90.2
842	6/14/2009 7:01	16.71	46.681	30.38	7.34	7.84	7.4	2.398	90.7
843	6/14/2009 7:16	16.65	46.86	30.51	7.44	7.98	7.6	2.334	92
844	6/14/2009 7:31	16.77	46.864	30.51	7.44	7.98	7	2.246	92.1
845	6/14/2009 7:46	17.01	46.811	30.47	7.35	7.85	7.1	2.161	91.4
846	6/14/2009 8:01	16.84	46.827	30.48	7.48	7.86	7.4	2.081	92.7
847	6/14/2009 8:16	17.06	46.801	30.47	7.43	7.99	6.8	2.004	92.5
848	6/14/2009 8:31	17.01	46.925	30.56	7.56	8	6.7	1.927	94.1
849	6/14/2009 8:46	17.07	46.854	30.51	7.57	8.01	8.4	1.834	94.3
850	6/14/2009 9:01	17.09	46.997	30.61	7.51	8	6.4	1.757	93.7
851	6/14/2009 9:16	17.24	46.969	30.59	7.53	8.01	6.3	1.701	94.2
852	6/14/2009 9:31	17.3	46.746	30.43	7.57	8.02	6.1	1.623	94.6
853	6/14/2009 9:46	17.47	46.839	30.5	7.55	7.9	6	1.561	94.8
854	6/14/2009 10:01	17.71	46.807	30.48	7.54	7.92	5.4	1.52	95.1
855	6/14/2009 10:16	17.94	46.807	30.48	7.47	7.93	4.6	1.498	94.5
856	6/14/2009 10:31	18.02	47.011	30.63	7.41	8.05	3.9	1.464	94.1
857	6/14/2009 10:46	18.18	46.967	30.59	7.35	8.06	3	1.449	93.5
858	6/14/2009 11:01	18.24	47.016	30.63	7.26	8.05	3.1	1.476	92.6
859	6/14/2009 11:16	18.31	47.063	30.66	7.49	8.07	2.7	1.481	95.6
860	6/14/2009 11:31	18.21	46.983	30.61	7.5	8.06	3.9	1.518	95.6
861	6/14/2009 11:46	18.27	47.039	30.65	7.44	8.06	6.2	1.549	94.9
862	6/14/2009 12:01	18.26	47	30.62	7.38	8.06	5.6	1.606	94.1
863	6/14/2009 12:16	18.17	47.05	30.65	7.41	8.05	6	1.666	94.4
864	6/14/2009 12:31	18.26	46.92	30.56	7.16	8.03	7.9	1.727	91.3
865	6/14/2009 12:46	18.17	46.729	30.42	7.06	7.9	7.1	1.785	89.8
866	6/14/2009 13:01	17.99	46.717	30.41	7.05	7.9	6.1	1.844	89.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
867	6/14/2009 13:16	17.89	46.697	30.4	7.13	7.89	5.7	1.924	90.1
868	6/14/2009 13:31	17.8	46.688	30.39	7.19	7.89	6.5	1.987	90.7
869	6/14/2009 13:46	17.69	46.894	30.54	7.22	8.01	5.6	2.059	91
870	6/14/2009 14:01	17.61	46.572	30.3	7.26	7.88	6.5	2.128	91.2
871	6/14/2009 14:16	17.43	46.722	30.41	7.41	8	6.8	2.209	92.9
872	6/14/2009 14:31	17.29	46.833	30.49	7.57	8.01	6.3	2.283	94.7
873	6/14/2009 14:46	17.2	46.8	30.47	7.69	8.01	6.7	2.339	96
874	6/14/2009 15:01	17.16	46.878	30.52	7.76	8.02	7.1	2.421	96.9
875	6/14/2009 15:16	17.14	46.729	30.42	7.92	8.02	7.5	2.489	98.8
876	6/14/2009 15:31	17.02	46.917	30.55	8.07	8.03	6.8	2.56	100.5
877	6/14/2009 15:46	16.96	46.903	30.54	8.18	8.03	7.1	2.628	101.8
878	6/14/2009 16:01	16.66	46.628	30.34	8.3	8.03	7.2	2.697	102.5
879	6/14/2009 16:16	16.28	46.788	30.45	8.63	8.04	6.7	2.762	105.8
880	6/14/2009 16:31	16.14	46.506	30.24	8.84	8.05	7.6	2.83	107.9
881	6/14/2009 16:46	15.93	46.403	30.17	8.97	7.9	9.5	2.891	109
882	6/14/2009 17:01	15.65	46.719	30.39	9.14	8.06	4.7	2.942	110.6
883	6/14/2009 17:16	15.45	46.59	30.29	9.37	8.07	5.9	2.996	112.9
884	6/14/2009 17:31	15.18	46.662	30.34	9.62	8.08	5.7	3.041	115.4
885	6/14/2009 17:46	15.19	46.668	30.34	9.62	8.08	2.9	3.057	115.4
886	6/14/2009 18:01	15.07	46.674	30.35	9.52	8.07	2.4	3.083	113.9
887	6/14/2009 18:16	15.42	46.805	30.45	9.27	8.07	9.8	3.088	111.8
888	6/14/2009 18:31	15.07	46.534	30.24	9.5	8.07	10	3.067	113.5
889	6/14/2009 18:46	15.16	46.544	30.25	9.52	8.07	6.6	3.038	114
890	6/14/2009 19:01	15.4	46.639	30.33	9.32	8.07	3.5	2.996	112.2
891	6/14/2009 19:16	15.81	46.714	30.39	9.09	8.06	4.1	2.95	110.4
892	6/14/2009 19:31	16.19	46.633	30.34	8.95	8.06	5.9	2.887	109.4
893	6/14/2009 19:46	16.45	46.694	30.38	8.77	8.06	6.2	2.823	107.9
894	6/14/2009 20:01	16.54	46.65	30.35	8.67	8.05	10.4	2.757	106.8
895	6/14/2009 20:16	16.7	46.635	30.34	8.54	8.05	9.4	2.709	105.5
896	6/14/2009 20:31	16.71	46.734	30.41	8.52	8.05	6.3	2.627	105.4
897	6/14/2009 20:46	16.72	46.503	30.25	8.46	8.05	7.4	2.569	104.6
898	6/14/2009 21:01	16.88	46.817	30.48	8.36	8.05	7.4	2.523	103.7
899	6/14/2009 21:16	16.82	46.825	30.48	8.38	8.05	6.9	2.452	103.9
900	6/14/2009 21:31	17.14	46.839	30.49	8.26	8.05	5.9	2.412	103.1
901	6/14/2009 21:46	17.24	46.758	30.44	8.22	8.05	5.9	2.363	102.7
902	6/14/2009 22:01	17.28	46.766	30.44	8.17	8.05	5.7	2.315	102.2
903	6/14/2009 22:16	17.32	46.629	30.34	8.14	7.92	5.6	2.272	101.8
904	6/14/2009 22:31	17.43	46.935	30.57	8.07	8.05	5.4	2.232	101.3
905	6/14/2009 22:46	17.45	46.683	30.38	8.08	8.05	4.8	2.191	101.3
906	6/14/2009 23:01	17.53	46.907	30.55	8.01	8.05	4.9	2.154	100.7
907	6/14/2009 23:16	17.61	46.819	30.48	7.97	8.05	4.4	2.13	100.2
908	6/14/2009 23:31	17.69	46.819	30.48	7.9	8.06	3.5	2.113	99.6
909	6/14/2009 23:46	17.88	46.795	30.47	7.9	8.06	2.9	2.093	99.9
910	6/15/2009 0:01	17.94	46.76	30.44	7.86	8.06	2.8	2.084	99.5
911	6/15/2009 0:16	17.98	46.63	30.35	7.61	7.94	3.3	2.095	96.3
912	6/15/2009 0:31	17.97	46.878	30.53	7.87	8.06	2.9	2.109	99.8
913	6/15/2009 0:46	17.86	46.886	30.53	7.84	8.05	4.2	2.127	99.2
914	6/15/2009 1:01	17.81	46.842	30.5	7.86	8.05	3.8	2.156	99.3
915	6/15/2009 1:16	17.78	46.738	30.43	7.84	7.93	4.1	2.197	99
916	6/15/2009 1:31	17.72	46.931	30.57	7.8	8.05	4.8	2.239	98.4
917	6/15/2009 1:46	17.65	46.859	30.51	7.71	8.04	4.9	2.285	97.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
918	6/15/2009 2:01	17.65	46.559	30.3	7.6	7.9	5.2	2.328	95.6
919	6/15/2009 2:16	17.53	46.694	30.39	7.69	7.9	4.9	2.38	96.6
920	6/15/2009 2:31	17.42	46.602	30.33	7.79	8.03	4.7	2.427	97.5
921	6/15/2009 2:46	17.27	46.839	30.5	7.85	8.03	4	2.467	98.1
922	6/15/2009 3:01	17.09	46.752	30.43	7.91	8.03	4.6	2.511	98.5
923	6/15/2009 3:16	16.96	46.641	30.35	7.97	8.03	4.9	2.554	99
924	6/15/2009 3:31	16.68	46.777	30.45	8.1	8.03	3.8	2.599	100.1
925	6/15/2009 3:46	16.54	46.649	30.35	8.18	8.03	3.9	2.637	100.8
926	6/15/2009 4:01	16.35	46.489	30.23	8.25	8.03	2.9	2.671	101.1
927	6/15/2009 4:16	16.26	46.573	30.29	8.3	8.03	3.8	2.709	101.6
928	6/15/2009 4:31	16.22	46.791	30.45	8.27	8.03	3.1	2.732	101.3
929	6/15/2009 4:46	16.16	46.676	30.37	8.23	8.03	2.7	2.762	100.6
930	6/15/2009 5:01	16.12	46.69	30.38	8.24	8.03	3	2.782	100.6
931	6/15/2009 5:16	16.12	46.577	30.29	7.89	8.01	4.7	2.781	96.3
932	6/15/2009 5:31	16.08	46.649	30.35	8.09	8.02	2.3	2.786	98.7
933	6/15/2009 5:46	16.06	46.766	30.43	8.15	8.02	2.5	2.78	99.5
934	6/15/2009 6:01	16.1	46.633	30.33	8	8.01	6.5	2.76	97.7
935	6/15/2009 6:16	16.4	46.708	30.39	7.21	7.97	9.5	2.706	88.5
936	6/15/2009 6:31	16.5	46.668	30.36	6.81	7.94	16.5	2.673	83.8
937	6/15/2009 6:46	16.68	46.767	30.44	6.92	7.96	8.9	2.636	85.4
938	6/15/2009 7:01	16.77	46.923	30.55	7.01	7.97	9.2	2.579	86.8
939	6/15/2009 7:16	16.91	46.637	30.35	6.95	7.84	9.3	2.507	86.3
940	6/15/2009 7:31	17.01	46.911	30.55	7.02	7.98	14.4	2.447	87.4
941	6/15/2009 7:46	17.03	46.71	30.4	7.05	7.97	6	2.391	87.7
942	6/15/2009 8:01	17	46.75	30.43	7.13	7.98	7.1	2.316	88.7
943	6/15/2009 8:16	17.08	46.702	30.4	7.16	7.85	6.6	2.253	89.2
944	6/15/2009 8:31	17.06	47.044	30.64	7.27	7.99	7.2	2.196	90.7
945	6/15/2009 8:46	17.18	46.782	30.45	7.33	8	6.1	2.12	91.4
946	6/15/2009 9:01	17.29	46.999	30.61	7.32	8	6	2.051	91.6
947	6/15/2009 9:16	17.21	46.999	30.61	7.46	8	6.1	1.98	93.3
948	6/15/2009 9:31	17.3	46.78	30.45	7.51	7.88	5.8	1.926	94
949	6/15/2009 9:46	17.3	46.966	30.59	7.65	8.02	5.9	1.844	95.8
950	6/15/2009 10:01	17.28	46.928	30.56	7.82	8.03	7.3	1.785	97.8
951	6/15/2009 10:16	17.44	47.096	30.68	7.83	8.04	6	1.748	98.3
952	6/15/2009 10:31	17.52	47.03	30.64	7.82	8.05	5.4	1.694	98.3
953	6/15/2009 10:46	17.6	46.853	30.51	7.78	8.05	4.5	1.657	97.9
954	6/15/2009 11:01	17.69	47.1	30.69	7.78	8.06	3.8	1.639	98.1
955	6/15/2009 11:16	17.86	46.907	30.55	7.7	8.06	3.4	1.628	97.5
956	6/15/2009 11:31	17.75	46.774	30.45	7.72	8.04	4.4	1.628	97.4
957	6/15/2009 11:46	17.96	47.033	30.64	7.71	8.06	3.1	1.629	97.7
958	6/15/2009 12:01	18.09	47.418	30.92	7.65	8.07	3.1	1.642	97.4
959	6/15/2009 12:16	18.02	47.277	30.82	7.69	8.06	5.5	1.697	97.7
960	6/15/2009 12:31	18.03	47.257	30.8	7.59	8.06	4.3	1.729	96.5
961	6/15/2009 12:46	18.04	47.525	31	7.57	8.06	3.5	1.756	96.3
962	6/15/2009 13:01	18	47.387	30.9	7.55	8.06	4.1	1.828	96
963	6/15/2009 13:16	18.03	47.114	30.7	7.48	7.92	5.4	1.889	95.1
964	6/15/2009 13:31	17.97	47.332	30.86	7.3	7.9	5.1	1.933	92.8
965	6/15/2009 13:46	17.9	47.283	30.82	7.23	8.02	4.5	1.997	91.7
966	6/15/2009 14:01	17.76	47.373	30.89	7.22	8.02	5.2	2.073	91.4
967	6/15/2009 14:16	17.7	47.401	30.91	7.24	8.01	5.2	2.141	91.5
968	6/15/2009 14:31	17.63	47.204	30.76	7.21	8.01	5.9	2.192	90.9

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
969	6/15/2009 14:46	17.56	47.232	30.78	7.24	8	5.6	2.267	91.2
970	6/15/2009 15:01	17.42	47.12	30.7	7.44	7.88	6.7	2.34	93.5
971	6/15/2009 15:16	17.28	46.959	30.58	7.63	7.88	6.1	2.413	95.5
972	6/15/2009 15:31	17.21	46.988	30.6	7.71	8.02	6.4	2.475	96.3
973	6/15/2009 15:46	17.12	47.078	30.67	7.83	8.03	5.9	2.548	97.7
974	6/15/2009 16:01	17.01	47.247	30.79	7.89	8.03	6	2.627	98.3
975	6/15/2009 16:16	17.01	47.105	30.69	7.94	8.03	6.5	2.681	98.9
976	6/15/2009 16:31	16.8	47.035	30.63	8.1	8.03	8.3	2.752	100.5
977	6/15/2009 16:46	16.61	47.022	30.62	8.18	8.03	6.7	2.831	101.1
978	6/15/2009 17:01	16.34	47.116	30.69	8.42	8.04	8.1	2.893	103.5
979	6/15/2009 17:16	16.32	46.97	30.58	8.56	8.04	7.3	2.953	105.1
980	6/15/2009 17:31	15.96	46.758	30.42	8.86	8.06	4.5	3.018	108
981	6/15/2009 17:46	15.78	47.058	30.64	8.97	8.06	5.1	3.065	109
982	6/15/2009 18:01	15.56	46.628	30.32	9.17	8.07	3.1	3.112	110.7
983	6/15/2009 18:16	15.44	46.703	30.37	9.23	7.93	2.7	3.137	111.3
984	6/15/2009 18:31	15.38	46.744	30.4	9.08	8.07	2.5	3.162	109.3
985	6/15/2009 18:46	15.71	46.565	30.28	8.97	7.92	3.1	3.177	108.6
986	6/15/2009 19:01	15.38	46.72	30.39	9.11	7.92	2.2	3.164	109.6
987	6/15/2009 19:16	15.41	46.638	30.33	9.17	7.92	3	3.138	110.5
988	6/15/2009 19:31	15.59	46.817	30.46	8.99	8.07	3	3.111	108.8
989	6/15/2009 19:46	16.19	46.672	30.36	8.69	8.06	5	3.05	106.3
990	6/15/2009 20:01	16.6	46.773	30.44	8.39	7.92	7.9	3.003	103.5
991	6/15/2009 20:16	16.43	47.118	30.69	8.4	8.06	8.5	2.944	103.5
992	6/15/2009 20:31	16.52	46.738	30.42	8.32	7.91	10	2.872	102.4
993	6/15/2009 20:46	16.54	46.975	30.59	8.17	7.9	11	2.797	100.8
994	6/15/2009 21:01	16.71	46.719	30.4	8.14	8.04	11.5	2.736	100.6
995	6/15/2009 21:16	16.49	46.778	30.44	8.05	8.03	9	2.677	99.1
996	6/15/2009 21:31	16.45	46.768	30.44	8.08	8.04	10	2.595	99.4
997	6/15/2009 21:46	16.47	46.66	30.36	8.08	8.04	10.1	2.532	99.4
998	6/15/2009 22:01	16.88	46.653	30.36	8	8.05	7.8	2.476	99.2
999	6/15/2009 22:16	16.85	46.544	30.28	8	7.92	8.4	2.41	99
1000	6/15/2009 22:31	17.13	47.069	30.66	7.98	8.06	7.6	2.343	99.6
1001	6/15/2009 22:46	16.88	46.71	30.4	7.95	7.91	8.5	2.272	98.6
1002	6/15/2009 23:01	17.12	47.141	30.71	7.97	8.07	7.6	2.217	99.5
1003	6/15/2009 23:16	17.45	47.003	30.62	7.96	8.08	6.2	2.159	100
1004	6/15/2009 23:31	17.38	47.09	30.68	7.92	8.08	6.5	2.098	99.3
1005	6/15/2009 23:46	17.59	46.877	30.53	7.85	7.95	6.1	2.044	98.8
1006	6/16/2009 0:01	17.68	47.394	30.9	7.84	8.09	5.2	1.989	99
1007	6/16/2009 0:16	17.8	47.056	30.66	7.8	7.97	11.3	1.976	98.7
1008	6/16/2009 0:31	18.15	47.087	30.68	7.83	8.11	11.9	1.938	99.6
1009	6/16/2009 0:46	18.12	47.321	30.85	7.75	8.1	20.8	1.907	98.7
1010	6/16/2009 1:01	18.22	47.225	30.78	7.13	8.07	19.7	1.917	91
1011	6/16/2009 1:16	18.43	47.128	30.71	6.38	8.05	11	1.912	81.7
1012	6/16/2009 1:31	18.49	47.108	30.7	7.92	8.14	2.6	1.939	101.5
1013	6/16/2009 1:46	18.34	47.185	30.75	7.85	8.13	3.7	1.948	100.3
1014	6/16/2009 2:01	18.33	47.265	30.81	7.78	8.11	3.2	1.99	99.5
1015	6/16/2009 2:16	18.26	47.288	30.83	7.75	8.11	4.1	2.039	98.9
1016	6/16/2009 2:31	18.21	47.439	30.94	7.72	8.1	4.2	2.086	98.5
1017	6/16/2009 2:46	18.41	47.24	30.79	7.34	8.07	6.1	2.13	93.9
1018	6/16/2009 3:01	18.36	47.231	30.79	7.28	8.06	5.2	2.182	93.1
1019	6/16/2009 3:16	18.12	47.385	30.9	7.47	8.06	3.8	2.229	95.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1020	6/16/2009 3:31	18.04	47.338	30.86	7.47	8.06	4	2.266	95
1021	6/16/2009 3:46	17.97	47.269	30.81	7.5	8.06	3.5	2.317	95.2
1022	6/16/2009 4:01	17.85	47.227	30.78	7.48	8.05	3.5	2.35	94.8
1023	6/16/2009 4:16	17.74	46.979	30.6	7.51	8.05	3.2	2.392	94.8
1024	6/16/2009 4:31	17.46	46.833	30.49	7.61	7.91	3.4	2.443	95.4
1025	6/16/2009 4:46	17.2	47.149	30.72	7.69	8.04	2.9	2.47	96.1
1026	6/16/2009 5:01	17.03	46.57	30.3	7.73	8.04	3.1	2.507	96.1
1027	6/16/2009 5:16	16.92	46.982	30.6	7.78	8.04	2.9	2.549	96.7
1028	6/16/2009 5:31	16.86	46.614	30.33	7.79	8.04	2.5	2.575	96.6
1029	6/16/2009 5:46	16.8	46.7	30.39	7.78	8.04	3.8	2.604	96.3
1030	6/16/2009 6:01	16.76	46.692	30.38	7.69	8.03	3.6	2.626	95.1
1031	6/16/2009 6:16	16.72	46.729	30.41	7.72	8.03	2.7	2.647	95.5
1032	6/16/2009 6:31	16.99	46.725	30.41	7.33	8.03	3.4	2.658	91.1
1033	6/16/2009 6:46	16.88	46.593	30.31	7.19	8	3.2	2.66	89.2
1034	6/16/2009 7:01	16.72	46.613	30.33	7.15	7.99	2.4	2.643	88.3
1035	6/16/2009 7:16	16.95	46.479	30.23	7.1	8	3.7	2.633	88.1
1036	6/16/2009 7:31	16.84	46.662	30.36	6.82	7.86	5.9	2.612	84.5
1037	6/16/2009 7:46	16.67	46.734	30.41	6.57	7.97	11.8	2.558	81.2
1038	6/16/2009 8:01	16.98	46.819	30.48	6.82	7.85	8.7	2.522	84.7
1039	6/16/2009 8:16	17.17	46.878	30.52	6.8	8	8.1	2.478	84.9
1040	6/16/2009 8:31	17.24	46.895	30.54	6.87	8	7.6	2.422	85.9
1041	6/16/2009 8:46	17.3	46.858	30.51	6.93	8.01	7.8	2.373	86.7
1042	6/16/2009 9:01	17.47	46.867	30.52	7.02	8.02	7	2.295	88.1
1043	6/16/2009 9:16	17.55	46.782	30.46	7.01	8.02	4.9	2.248	88.1
1044	6/16/2009 9:31	17.45	46.673	30.38	7.08	7.88	6.3	2.209	88.7
1045	6/16/2009 9:46	17.39	46.785	30.46	7.13	7.88	6.4	2.138	89.4
1046	6/16/2009 10:01	17.56	46.921	30.56	7.11	8.03	4.8	2.075	89.5
1047	6/16/2009 10:16	17.57	46.812	30.48	7.25	8.04	16.8	2.016	91.2
1048	6/16/2009 10:31	17.61	46.706	30.4	7.26	7.91	12.3	1.987	91.3
1049	6/16/2009 10:46	17.68	46.922	30.56	7.24	8.04	18.4	1.921	91.3
1050	6/16/2009 11:01	17.71	46.69	30.39	7.4	8.06	8.2	1.87	93.3
1051	6/16/2009 11:16	17.8	46.803	30.47	7.41	7.94	5.2	1.849	93.5
1052	6/16/2009 11:31	17.89	46.808	30.48	7.41	7.95	4.5	1.808	93.7
1053	6/16/2009 11:46	17.97	46.897	30.54	7.31	8.07	3.9	1.798	92.7
1054	6/16/2009 12:01	18.03	46.742	30.43	7.22	8.07	5.2	1.771	91.6
1055	6/16/2009 12:16	18.06	46.839	30.5	7.09	7.93	6.5	1.766	90
1056	6/16/2009 12:31	18.08	46.852	30.51	7.43	8.08	6.1	1.781	94.3
1057	6/16/2009 12:46	18.08	46.885	30.53	7.55	8.1	5.9	1.795	95.9
1058	6/16/2009 13:01	18.08	46.941	30.58	7.49	8.09	6.8	1.817	95.2
1059	6/16/2009 13:16	18.07	46.957	30.59	7.46	8.09	4.6	1.834	94.7
1060	6/16/2009 13:31	18.09	46.82	30.49	7.45	8.09	4	1.9	94.7
1061	6/16/2009 13:46	18.08	46.863	30.52	7.39	8.08	3.9	1.94	93.8
1062	6/16/2009 14:01	18.03	46.969	30.59	7.31	8.06	4.3	1.986	92.7
1063	6/16/2009 14:16	18.18	46.934	30.57	7.16	8.05	5.6	2.05	91.1
1064	6/16/2009 14:31	18.11	46.879	30.53	7.07	8.04	6	2.114	89.8
1065	6/16/2009 14:46	17.96	46.724	30.42	7.12	8.04	5.2	2.187	90.2
1066	6/16/2009 15:01	17.92	46.726	30.42	7.12	7.91	5	2.234	90.1
1067	6/16/2009 15:16	17.77	46.668	30.38	7.13	7.9	5.6	2.306	89.9
1068	6/16/2009 15:31	17.63	46.748	30.43	7.2	8.03	5.9	2.38	90.6
1069	6/16/2009 15:46	17.27	46.61	30.33	7.49	8.03	6	2.447	93.5
1070	6/16/2009 16:01	17.1	46.73	30.42	7.6	8.03	5.6	2.517	94.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1071	6/16/2009 16:16	17.05	46.326	30.12	7.66	7.89	5.5	2.579	95.1
1072	6/16/2009 16:31	16.99	46.646	30.35	7.7	8.04	6	2.658	95.7
1073	6/16/2009 16:46	16.89	46.707	30.4	7.8	8.04	7.4	2.731	96.7
1074	6/16/2009 17:01	16.69	46.648	30.35	7.92	8.04	7.1	2.8	97.8
1075	6/16/2009 17:16	16.52	46.515	30.25	8.07	7.9	6	2.871	99.3
1076	6/16/2009 17:31	16.32	46.554	30.28	8.12	8.04	5.6	2.937	99.6
1077	6/16/2009 17:46	16.15	46.566	30.29	8.24	8.05	5.8	3.012	100.7
1078	6/16/2009 18:01	15.9	46.303	30.09	8.47	7.91	5.4	3.073	102.8
1079	6/16/2009 18:16	15.72	46.561	30.28	8.53	8.06	4.5	3.119	103.3
1080	6/16/2009 18:31	15.66	46.42	30.17	8.57	8.06	3.3	3.179	103.7
1081	6/16/2009 18:46	15.51	46.377	30.14	8.67	8.07	3.1	3.228	104.4
1082	6/16/2009 19:01	15.49	46.635	30.33	8.69	8.07	2.6	3.245	104.8
1083	6/16/2009 19:16	15.74	46.752	30.42	8.33	8.06	3	3.267	101.1
1084	6/16/2009 19:31	15.41	46.593	30.29	8.45	8.07	2.8	3.274	101.8
1085	6/16/2009 19:46	15.34	46.385	30.14	8.54	7.92	2.3	3.252	102.6
1086	6/16/2009 20:01	15.34	46.213	30.02	8.6	7.92	2.2	3.227	103.3
1087	6/16/2009 20:16	15.53	46.388	30.15	8.41	7.91	3.4	3.179	101.4
1088	6/16/2009 20:31	15.79	46.522	30.25	8.18	8.05	6	3.132	99.2
1089	6/16/2009 20:46	15.97	46.754	30.42	8.07	8.05	6.3	3.064	98.3
1090	6/16/2009 21:01	16.22	46.658	30.35	7.89	8.04	7	2.997	96.5
1091	6/16/2009 21:16	16.3	46.8	30.46	7.77	8.04	7.1	2.917	95.3
1092	6/16/2009 21:31	16.3	46.725	30.4	7.78	8.03	7.3	2.832	95.3
1093	6/16/2009 21:46	16.28	46.826	30.48	7.61	8.02	7.4	2.771	93.3
1094	6/16/2009 22:01	16.35	46.806	30.46	7.65	8.03	6.8	2.683	93.9
1095	6/16/2009 22:16	16.61	46.669	30.37	7.54	8.03	7.3	2.604	93
1096	6/16/2009 22:31	16.53	46.788	30.45	7.49	7.88	8.4	2.537	92.4
1097	6/16/2009 22:46	16.5	46.76	30.43	7.46	8.02	8.9	2.452	91.9
1098	6/16/2009 23:01	16.59	46.834	30.49	7.49	8.04	9.6	2.384	92.4
1099	6/16/2009 23:16	16.82	47.015	30.62	7.57	8.05	8.9	2.3	93.9
1100	6/16/2009 23:31	16.84	46.783	30.45	7.58	8.06	8.2	2.223	93.9
1101	6/16/2009 23:46	16.84	46.919	30.55	7.51	8.05	8	2.158	93.2
1102	6/17/2009 0:01	16.77	46.761	30.44	7.46	7.91	7	2.064	92.3
1103	6/17/2009 0:16	16.93	46.777	30.45	7.4	8.05	8	2	91.9
1104	6/17/2009 0:31	17.02	46.904	30.54	7.37	8.05	7	1.928	91.7
1105	6/17/2009 0:46	16.9	46.627	30.34	7.26	8.05	9.3	1.847	90
1106	6/17/2009 1:01	16.98	46.719	30.41	7.18	7.91	10.6	1.805	89.2
1107	6/17/2009 1:16	17.21	46.908	30.55	7.08	8.05	4.9	1.765	88.4
1108	6/17/2009 1:31	17.43	46.96	30.59	7.12	8.07	4.2	1.729	89.4
1109	6/17/2009 1:46	17.52	46.831	30.49	7.03	7.93	4.1	1.691	88.3
1110	6/17/2009 2:01	17.74	46.779	30.46	6.88	7.94	3.2	1.707	86.8
1111	6/17/2009 2:16	17.8	46.891	30.54	7.2	7.97	2.6	1.714	90.9
1112	6/17/2009 2:31	17.97	46.971	30.6	7.27	7.99	2.3	1.728	92.2
1113	6/17/2009 2:46	17.81	47.05	30.65	7.26	8.1	2.9	1.762	91.9
1114	6/17/2009 3:01	17.9	46.84	30.5	7.31	7.98	3.4	1.812	92.5
1115	6/17/2009 3:16	17.88	47.032	30.64	7.29	8.11	3.8	1.874	92.4
1116	6/17/2009 3:31	17.83	46.932	30.57	7.24	7.97	3.8	1.902	91.5
1117	6/17/2009 3:46	17.83	46.892	30.54	7.12	7.95	4.3	1.959	90.1
1118	6/17/2009 4:01	17.93	47.007	30.62	6.91	8.08	6.3	2.023	87.5
1119	6/17/2009 4:16	17.94	46.926	30.56	6.78	8.06	6.7	2.059	85.8
1120	6/17/2009 4:31	17.83	47.146	30.72	6.82	7.93	5.5	2.099	86.2
1121	6/17/2009 4:46	17.73	46.83	30.49	6.93	8.06	4.8	2.153	87.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1122	6/17/2009 5:01	17.64	46.813	30.48	6.96	8.05	4.3	2.195	87.7
1123	6/17/2009 5:16	17.59	46.807	30.48	6.95	7.92	4.4	2.242	87.5
1124	6/17/2009 5:31	17.55	46.765	30.44	6.96	8.05	4.9	2.285	87.5
1125	6/17/2009 5:46	17.41	46.876	30.52	7.06	8.05	4.2	2.32	88.5
1126	6/17/2009 6:01	17.29	46.856	30.51	7.11	8.04	4.1	2.37	88.9
1127	6/17/2009 6:16	17.19	46.862	30.51	7.11	8.04	4	2.419	88.8
1128	6/17/2009 6:31	17.14	46.778	30.45	7.18	8.03	4.1	2.45	89.5
1129	6/17/2009 6:46	17.13	46.443	30.21	7.13	7.9	5.4	2.493	88.8
1130	6/17/2009 7:01	17.05	46.95	30.57	7.19	8.03	4.3	2.535	89.5
1131	6/17/2009 7:16	16.96	47.026	30.63	7.23	8.03	3.5	2.559	89.9
1132	6/17/2009 7:31	16.99	46.715	30.4	7.07	7.89	3.6	2.584	87.8
1133	6/17/2009 7:46	17.1	46.611	30.33	6.7	7.88	5.6	2.599	83.4
1134	6/17/2009 8:01	17.11	46.922	30.56	6.22	7.98	5.9	2.622	77.5
1135	6/17/2009 8:16	17.1	46.628	30.34	5.94	7.84	6.2	2.613	74
1136	6/17/2009 8:31	17.06	46.898	30.54	6.25	8	7	2.599	77.9
1137	6/17/2009 8:46	16.77	46.988	30.6	6.51	8	9.1	2.585	80.7
1138	6/17/2009 9:01	16.76	46.606	30.32	6.74	7.86	8.8	2.565	83.4
1139	6/17/2009 9:16	16.89	46.839	30.49	6.74	7.87	10.2	2.517	83.6
1140	6/17/2009 9:31	17.07	46.786	30.46	6.82	7.88	8.5	2.476	84.9
1141	6/17/2009 9:46	17.16	46.885	30.53	6.93	8.03	9.5	2.431	86.5
1142	6/17/2009 10:01	17.2	46.722	30.41	7	7.89	7.9	2.374	87.3
1143	6/17/2009 10:16	17.3	46.85	30.5	7.05	8.03	7.5	2.32	88.1
1144	6/17/2009 10:31	17.38	46.447	30.21	7.05	7.9	21	2.274	88.2
1145	6/17/2009 10:46	17.44	46.759	30.44	7.03	7.9	36.3	2.218	88.1
1146	6/17/2009 11:01	17.52	47.052	30.65	6.96	8.04	14.8	2.161	87.5
1147	6/17/2009 11:16	17.63	46.89	30.54	7.08	8.05	22.7	2.106	89.1
1148	6/17/2009 11:31	17.66	46.731	30.42	7.07	7.91	15.3	2.069	89
1149	6/17/2009 11:46	17.69	46.886	30.53	6.95	7.91	24.2	2.029	87.7
1150	6/17/2009 12:01	17.68	46.912	30.55	7.01	8.05	21.6	1.983	88.3
1151	6/17/2009 12:16	17.71	46.989	30.61	6.91	7.91	21.5	1.952	87.2
1152	6/17/2009 12:31	17.72	46.947	30.58	6.62	8.03	16.9	1.939	83.6
1153	6/17/2009 12:46	17.81	46.81	30.48	6.71	7.91	17.5	1.913	84.7
1154	6/17/2009 13:01	17.88	47.012	30.63	6.64	7.91	22.3	1.907	84.1
1155	6/17/2009 13:16	17.88	47.079	30.67	7.09	7.93	3.4	1.904	89.8
1156	6/17/2009 13:31	17.97	46.819	30.49	7.07	7.95	3.6	1.927	89.6
1157	6/17/2009 13:46	18.04	46.927	30.56	7.24	8.08	2.9	1.95	91.9
1158	6/17/2009 14:01	18.08	46.926	30.56	7.24	7.95	3.3	1.962	92
1159	6/17/2009 14:16	18.02	46.766	30.45	7.32	7.96	2.7	2.014	92.8
1160	6/17/2009 14:31	18.08	47.043	30.65	7.38	8.1	3.4	2.061	93.8
1161	6/17/2009 14:46	18.01	46.844	30.5	7.33	8.09	4.1	2.113	93
1162	6/17/2009 15:01	17.99	47.202	30.76	7.3	8.08	8.3	2.165	92.7
1163	6/17/2009 15:16	17.97	46.822	30.49	7.2	7.94	4	2.218	91.3
1164	6/17/2009 15:31	17.89	46.919	30.56	7.16	8.06	4.2	2.291	90.6
1165	6/17/2009 15:46	17.84	46.83	30.49	7.13	8.06	26.2	2.353	90.1
1166	6/17/2009 16:01	17.78	46.829	30.49	7.11	7.92	7.9	2.418	89.8
1167	6/17/2009 16:16	17.73	46.89	30.54	7.12	7.91	4.6	2.476	89.9
1168	6/17/2009 16:31	17.46	46.733	30.42	7.21	8.04	4.4	2.544	90.4
1169	6/17/2009 16:46	17.3	46.81	30.48	7.35	8.04	5.1	2.621	92
1170	6/17/2009 17:01	17.14	46.609	30.33	7.46	7.91	4.5	2.673	93
1171	6/17/2009 17:16	17.02	46.795	30.46	7.53	8.04	4.6	2.745	93.7
1172	6/17/2009 17:31	16.98	46.861	30.51	7.59	8.05	5.3	2.818	94.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1173	6/17/2009 17:46	16.91	46.761	30.44	7.65	8.05	5.3	2.893	94.9
1174	6/17/2009 18:01	16.81	46.66	30.36	7.76	8.05	5.4	2.953	96.1
1175	6/17/2009 18:16	16.78	46.732	30.41	7.81	8.06	4	3.026	96.6
1176	6/17/2009 18:31	16.58	46.623	30.33	7.95	8.06	4.3	3.102	97.9
1177	6/17/2009 18:46	16.41	46.717	30.4	8.04	7.92	3.9	3.162	98.8
1178	6/17/2009 19:01	16.31	46.669	30.36	8.06	8.06	3.8	3.215	98.8
1179	6/17/2009 19:16	16.15	46.554	30.28	8.11	8.07	2.1	3.274	99.1
1180	6/17/2009 19:31	15.89	46.575	30.29	8.19	7.93	2.1	3.313	99.5
1181	6/17/2009 19:46	15.76	46.763	30.42	8.11	8.06	2.3	3.339	98.4
1182	6/17/2009 20:01	15.95	46.735	30.41	7.99	8.06	2.6	3.354	97.4
1183	6/17/2009 20:16	15.77	46.741	30.41	7.76	8.04	2.5	3.345	94.2
1184	6/17/2009 20:31	15.78	46.746	30.41	7.77	8.03	6.3	3.337	94.3
1185	6/17/2009 20:46	16.13	46.726	30.4	7.69	8.04	4.8	3.297	93.9
1186	6/17/2009 21:01	16.23	46.856	30.5	7.61	8.04	8.5	3.231	93.2
1187	6/17/2009 21:16	16.08	46.735	30.41	7.58	8.05	8.4	3.184	92.6
1188	6/17/2009 21:31	16.13	46.517	30.25	7.59	7.9	13.3	3.115	92.7
1189	6/17/2009 21:46	16.23	46.305	30.1	7.51	7.9	9.8	3.038	91.8
1190	6/17/2009 22:01	16.28	46.557	30.28	7.5	8.04	11.2	2.941	91.8
1191	6/17/2009 22:16	16.34	46.688	30.38	7.39	7.89	8.9	2.867	90.6
1192	6/17/2009 22:31	16.64	46.914	30.54	7.32	8.03	9	2.79	90.5
1193	6/17/2009 22:46	16.87	46.931	30.56	7.13	8.03	33.5	2.688	88.5
1194	6/17/2009 23:01	17.14	46.712	30.4	7.03	7.9	12.8	2.596	87.6
1195	6/17/2009 23:16	17.14	46.942	30.57	6.95	8.03	9.9	2.516	86.7
1196	6/17/2009 23:31	17.2	46.805	30.47	7.06	7.91	13.9	2.423	88.2
1197	6/17/2009 23:46	17.07	47.034	30.64	7.05	8.04	12.4	2.321	87.9
1198	6/18/2009 0:01	17.21	46.695	30.39	7.04	8.05	10	2.215	87.8
1199	6/18/2009 0:16	16.97	47.217	30.77	6.95	8.04	8.7	2.125	86.6
1200	6/18/2009 0:31	17.01	46.868	30.51	6.91	8.03	9.7	2.027	85.9
1201	6/18/2009 0:46	17.05	46.849	30.5	6.98	8.04	19.7	1.921	86.9
1202	6/18/2009 1:01	17.13	46.879	30.52	6.94	8.04	10.4	1.827	86.5
1203	6/18/2009 1:16	17.34	46.937	30.57	6.89	8.05	9	1.728	86.2
1204	6/18/2009 1:31	17.34	47.203	30.76	6.77	8.05	11.4	1.645	84.9
1205	6/18/2009 1:46	17.59	46.845	30.5	6.67	7.93	11	1.571	83.9
1206	6/18/2009 2:01	17.65	46.987	30.61	6.62	8.05	12.4	1.508	83.4
1207	6/18/2009 2:16	17.92	47.23	30.78	6.57	8.08	6.8	1.458	83.3
1208	6/18/2009 2:31	18.21	47.164	30.74	6.53	7.97	6.1	1.43	83.2
1209	6/18/2009 2:46	18.62	47.252	30.8	6.7	8.14	5.1	1.424	86.2
1210	6/18/2009 3:01	18.73	47.319	30.85	6.63	8.03	4.5	1.396	85.4
1211	6/18/2009 3:16	18.75	47.269	30.81	6.18	8	5.5	1.412	79.6
1212	6/18/2009 3:31	18.76	47.302	30.84	6.87	8.05	4.5	1.466	88.6
1213	6/18/2009 3:46	18.74	47.139	30.72	7.07	8.18	4.1	1.508	91
1214	6/18/2009 4:01	18.82	46.988	30.61	7.01	8.06	4.5	1.529	90.3
1215	6/18/2009 4:16	18.77	47.098	30.69	7.01	8.19	4.2	1.598	90.2
1216	6/18/2009 4:31	18.73	47.268	30.81	6.97	8.18	4.3	1.671	89.8
1217	6/18/2009 4:46	18.97	47.016	30.63	6.52	7.98	7.6	1.72	84.2
1218	6/18/2009 5:01	18.95	47.459	30.95	6.39	7.97	7	1.784	82.8
1219	6/18/2009 5:16	18.72	47.27	30.81	6.61	8.11	5.4	1.85	85.1
1220	6/18/2009 5:31	18.63	47.196	30.76	6.67	8.11	5.4	1.901	85.7
1221	6/18/2009 5:46	18.52	47.39	30.9	6.65	8.1	4.5	1.973	85.4
1222	6/18/2009 6:01	18.46	47.162	30.74	6.63	8.09	5.1	2.027	85
1223	6/18/2009 6:16	18.36	47.091	30.68	6.59	8.09	4.6	2.082	84.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1224	6/18/2009 6:31	18.22	47.048	30.65	6.68	8.08	4.9	2.14	85.2
1225	6/18/2009 6:46	18.01	47.011	30.63	6.77	8.07	3.9	2.204	85.9
1226	6/18/2009 7:01	17.98	47.174	30.74	6.8	8.07	3.7	2.254	86.3
1227	6/18/2009 7:16	17.88	47.052	30.65	6.78	8.06	3.8	2.303	85.9
1228	6/18/2009 7:31	17.72	46.964	30.59	6.81	7.92	3.7	2.352	86
1229	6/18/2009 7:46	17.61	46.918	30.56	6.86	7.92	3.5	2.402	86.4
1230	6/18/2009 8:01	17.49	46.89	30.53	6.9	7.92	3.1	2.447	86.7
1231	6/18/2009 8:16	17.45	46.982	30.6	6.82	8.05	3.5	2.481	85.7
1232	6/18/2009 8:31	17.38	47.182	30.75	6.83	8.05	3.4	2.518	85.7
1233	6/18/2009 8:46	17.33	47.248	30.79	6.84	8.05	2.4	2.548	85.7
1234	6/18/2009 9:01	17.38	46.964	30.59	6.79	8.04	2.3	2.56	85.1
1235	6/18/2009 9:16	17.45	46.914	30.55	6.62	7.87	3.3	2.586	83.1
1236	6/18/2009 9:31	17.48	47.301	30.83	6.36	8.02	3.2	2.585	80.1
1237	6/18/2009 9:46	17.52	46.963	30.59	6.02	7.86	5.1	2.588	75.7
1238	6/18/2009 10:01	17.47	46.996	30.61	6.31	7.87	3.3	2.582	79.2
1239	6/18/2009 10:16	17.44	47.038	30.64	6.47	8.02	4.6	2.561	81.2
1240	6/18/2009 10:31	17.5	46.783	30.46	6.61	7.9	4.2	2.525	83
1241	6/18/2009 10:46	17.64	47.099	30.69	6.37	8.03	4.3	2.483	80.4
1242	6/18/2009 11:01	17.61	46.977	30.6	6.76	8.04	5.4	2.441	85.1
1243	6/18/2009 11:16	17.64	47.06	30.66	6.68	7.9	4.6	2.383	84.2
1244	6/18/2009 11:31	17.77	47.107	30.69	6.76	8.06	5.4	2.326	85.4
1245	6/18/2009 11:46	17.86	47.19	30.75	6.89	8.06	9.2	2.278	87.2
1246	6/18/2009 12:01	17.9	47.091	30.68	6.59	8.04	3.8	2.215	83.4
1247	6/18/2009 12:16	17.97	46.919	30.56	6.5	7.92	3.3	2.17	82.5
1248	6/18/2009 12:31	18.04	47.034	30.64	6.35	7.91	4.3	2.126	80.7
1249	6/18/2009 12:46	18.12	46.996	30.61	6.47	7.92	3.1	2.08	82.3
1250	6/18/2009 13:01	18.19	47.315	30.85	6.52	8.06	3.1	2.04	83.2
1251	6/18/2009 13:16	18.24	47.011	30.63	6.31	7.9	12.6	2.008	80.5
1252	6/18/2009 13:31	18.29	47.114	30.7	5.95	7.88	7.8	1.998	76
1253	6/18/2009 13:46	18.26	47.046	30.65	7.1	8.09	75.1	1.976	90.5
1254	6/18/2009 14:01	18.28	46.947	30.58	7.18	8.09	77.9	1.964	91.6
1255	6/18/2009 14:16	18.34	47.068	30.67	7.05	8.1	12.8	1.986	90.1
1256	6/18/2009 14:31	18.3	47.289	30.83	7.14	8.1	31.3	2.003	91.2
1257	6/18/2009 14:46	18.31	47.213	30.77	7.11	7.97	23.7	2.015	90.8
1258	6/18/2009 15:01	18.37	47.383	30.9	7.09	8.11	3.7	2.061	90.7
1259	6/18/2009 15:16	18.42	47.114	30.7	7.18	7.98	6.5	2.103	91.9
1260	6/18/2009 15:31	18.34	47.314	30.85	7.1	8.1	16.5	2.142	90.8
1261	6/18/2009 15:46	18.2	47.056	30.66	7.04	8.09	6	2.205	89.7
1262	6/18/2009 16:01	18.24	47.352	30.87	7.11	8.1	8.6	2.262	90.8
1263	6/18/2009 16:16	18.05	47.25	30.8	7.14	7.95	3.9	2.316	90.8
1264	6/18/2009 16:31	17.91	47.075	30.67	7.17	7.94	5.3	2.382	90.8
1265	6/18/2009 16:46	17.85	47.239	30.79	7.2	8.07	3.8	2.446	91.2
1266	6/18/2009 17:01	17.79	47.045	30.65	7.12	7.94	5.3	2.519	90
1267	6/18/2009 17:16	17.59	46.999	30.61	7.17	8.07	4.3	2.575	90.3
1268	6/18/2009 17:31	17.24	46.631	30.34	7.3	7.92	5.6	2.657	91.1
1269	6/18/2009 17:46	17.11	46.66	30.37	7.39	7.92	14.4	2.732	92
1270	6/18/2009 18:01	17.06	46.608	30.33	7.44	8.06	12.9	2.8	92.5
1271	6/18/2009 18:16	16.98	46.699	30.39	7.46	8.06	7.8	2.883	92.7
1272	6/18/2009 18:31	16.84	46.541	30.28	7.58	7.92	4.5	2.954	93.9
1273	6/18/2009 18:46	16.6	46.687	30.38	7.68	8.06	6.2	3.042	94.7
1274	6/18/2009 19:01	16.24	46.638	30.34	7.8	8.06	5.5	3.107	95.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1275	6/18/2009 19:16	16.01	46.515	30.25	7.86	8.06	9.9	3.18	95.8
1276	6/18/2009 19:31	15.69	46.509	30.24	7.93	8.06	20.7	3.252	96
1277	6/18/2009 19:46	15.39	46.545	30.26	8.01	8.05	19.6	3.309	96.4
1278	6/18/2009 20:01	15.22	46.548	30.26	8.02	7.91	12.5	3.362	96.2
1279	6/18/2009 20:16	15.11	46.639	30.32	8.06	8.04	18.9	3.392	96.5
1280	6/18/2009 20:31	14.96	46.541	30.25	7.84	8.03	17.4	3.426	93.5
1281	6/18/2009 20:46	14.88	46.562	30.26	7.74	8.02	17.6	3.454	92.2
1282	6/18/2009 21:01	15.16	46.52	30.24	7.25	7.98	10.7	3.439	86.8
1283	6/18/2009 21:16	15.15	46.421	30.16	7.46	7.87	13.7	3.421	89.2
1284	6/18/2009 21:31	15.05	46.54	30.25	7.68	8.02	10.1	3.388	91.8
1285	6/18/2009 21:46	15.57	46.447	30.19	7.74	8.05	3.4	3.341	93.4
1286	6/18/2009 22:01	15.77	46.783	30.44	7.61	8.05	5.2	3.269	92.4
1287	6/18/2009 22:16	16.16	46.683	30.37	7.41	8.05	6.3	3.182	90.6
1288	6/18/2009 22:31	16.29	46.62	30.33	7.25	8.03	4.5	3.107	88.9
1289	6/18/2009 22:46	16.27	46.557	30.28	7.2	8.03	4.5	3.01	88.2
1290	6/18/2009 23:01	16.72	46.491	30.24	7.42	7.93	54.4	2.901	91.7
1291	6/18/2009 23:16	17	46.662	30.37	7.33	7.94	9.8	2.816	91.1
1292	6/18/2009 23:31	17.34	46.758	30.44	7.47	8.09	7	2.709	93.5
1293	6/18/2009 23:46	17.72	46.818	30.48	7.31	8.1	5.4	2.602	92.1
1294	6/19/2009 0:01	17.99	46.71	30.41	7.28	7.98	6	2.49	92.3
1295	6/19/2009 0:16	18.06	46.841	30.5	7.34	7.99	12.2	2.387	93.2
1296	6/19/2009 0:31	18.01	46.862	30.52	7.52	8.14	6.8	2.281	95.3
1297	6/19/2009 0:46	17.76	46.891	30.54	7.27	8.11	6.6	2.159	91.7
1298	6/19/2009 1:01	17.39	46.808	30.47	7.22	8.1	8.4	2.053	90.4
1299	6/19/2009 1:16	16.96	46.782	30.45	6.94	8.06	14.2	1.92	86.2
1300	6/19/2009 1:31	16.82	46.757	30.43	6.92	8.05	11.5	1.795	85.7
1301	6/19/2009 1:46	17.06	46.721	30.41	7.01	7.92	9	1.692	87.2
1302	6/19/2009 2:01	17.26	46.79	30.46	6.97	7.94	8.4	1.565	87.1
1303	6/19/2009 2:16	17.47	46.785	30.46	6.96	8.09	8.6	1.442	87.4
1304	6/19/2009 2:31	17.55	46.795	30.47	6.79	8.08	7.1	1.359	85.3
1305	6/19/2009 2:46	17.73	47.014	30.63	6.64	7.94	6.2	1.287	83.8
1306	6/19/2009 3:01	17.89	47.103	30.69	6.56	8.09	5.3	1.206	83
1307	6/19/2009 3:16	18.05	47.006	30.62	6.15	8.09	5.9	1.151	78.1
1308	6/19/2009 3:31	18.22	46.947	30.58	6.91	8.12	4.4	1.15	88
1309	6/19/2009 3:46	18.22	46.982	30.6	6.64	8.11	3.9	1.147	84.6
1310	6/19/2009 4:01	18.29	47.094	30.69	6.74	8.13	10.3	1.143	86
1311	6/19/2009 4:16	18.51	47.383	30.9	7.12	8.17	3.6	1.182	91.4
1312	6/19/2009 4:31	18.44	46.986	30.61	7.12	8.04	4.6	1.228	91.1
1313	6/19/2009 4:46	18.6	46.922	30.56	7.24	8.06	4.2	1.288	92.9
1314	6/19/2009 5:01	18.57	46.871	30.53	7.24	8.06	4	1.348	92.8
1315	6/19/2009 5:16	18.58	46.871	30.53	7.11	8.17	4.9	1.404	91.2
1316	6/19/2009 5:31	18.73	46.82	30.49	6.62	8.11	9.6	1.478	85.1
1317	6/19/2009 5:46	18.72	46.876	30.53	6.55	7.97	62.6	1.543	84.2
1318	6/19/2009 6:01	18.63	46.526	30.27	6.62	7.98	5.2	1.602	84.8
1319	6/19/2009 6:16	18.44	46.825	30.49	6.74	7.99	6.2	1.676	86.2
1320	6/19/2009 6:31	18.33	46.664	30.37	6.78	7.99	7.8	1.757	86.5
1321	6/19/2009 6:46	18.31	47.144	30.72	6.72	8.11	5.6	1.825	85.9
1322	6/19/2009 7:01	18.23	46.783	30.46	6.79	7.98	4.3	1.897	86.5
1323	6/19/2009 7:16	18.06	47.082	30.68	6.78	8.1	3.7	1.974	86.2
1324	6/19/2009 7:31	18	46.996	30.61	6.76	8.09	5.4	2.05	85.8
1325	6/19/2009 7:46	17.95	47.018	30.63	6.77	8.09	5.2	2.112	85.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1326	6/19/2009 8:01	17.94	47.04	30.65	6.77	8.09	4.6	2.187	85.8
1327	6/19/2009 8:16	17.87	46.905	30.55	6.77	8.08	4.1	2.257	85.6
1328	6/19/2009 8:31	17.71	46.87	30.52	6.79	8.07	4.4	2.32	85.6
1329	6/19/2009 8:46	17.64	46.746	30.43	6.73	7.93	3.7	2.369	84.7
1330	6/19/2009 9:01	17.54	46.919	30.56	6.77	8.06	3.8	2.436	85.1
1331	6/19/2009 9:16	17.47	46.998	30.61	6.79	7.93	3.8	2.492	85.2
1332	6/19/2009 9:31	17.42	46.733	30.42	6.78	7.92	3.2	2.528	85
1333	6/19/2009 9:46	17.3	46.684	30.38	6.82	7.92	2.7	2.583	85.2
1334	6/19/2009 10:01	17.2	46.718	30.41	6.72	8.05	2.6	2.611	83.8
1335	6/19/2009 10:16	17.15	46.321	30.12	6.56	7.9	2.7	2.644	81.7
1336	6/19/2009 10:31	17.09	46.463	30.22	6.29	7.86	3.4	2.657	78.2
1337	6/19/2009 10:46	17.07	46.543	30.28	6.07	7.98	3.3	2.666	75.4
Mean		16.32	46.93	30.54	8.81	7.99	6.31	2.35	107.79
Minimum		11.56	46.213	30.02	5.94	7.77	1.3	0.836	74
Maximum		18.97	47.66	31	12.59	8.19	77.9	3.504	140.4
Standard Dev.		1.57	0.23	0.15	1.39	0.09	4.72	0.61	14.58

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 #2

Indian Island Long-Term Deployment Water Quality Data

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

Data lost during transfer to virtual machine

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	7/2/2009 11:01	15.69	47.952	31.28	9.08	8.08	2.1	2.948	110.6
1	7/2/2009 11:16	15.88	48.035	31.35	9.07	7.91	2.9	2.917	111
2	7/2/2009 11:31	16.06	48.089	31.39	9.08	7.92	2.3	2.895	111.5
3	7/2/2009 11:46	16.41	48.115	31.41	9.19	7.95	3.4	2.828	113.6
4	7/2/2009 12:01	16.52	48.185	31.47	9.3	7.96	3.5	2.779	115.3
5	7/2/2009 12:16	16.66	48.151	31.44	9.28	7.97	2.8	2.72	115.4
6	7/2/2009 12:31	16.83	48.173	31.46	9.44	7.99	2.9	2.677	117.7
7	7/2/2009 12:46	16.89	48.189	31.47	9.33	7.99	2.6	2.618	116.5
8	7/2/2009 13:01	17	48.212	31.49	9.37	8	2.4	2.569	117.2
9	7/2/2009 13:16	17.1	48.226	31.5	9.4	8	1.9	2.545	117.8
10	7/2/2009 13:31	17.22	48.147	31.45	9.57	8.02	1.5	2.508	120.2
11	7/2/2009 13:46	17.57	48.201	31.49	9.7	8.04	1.7	2.473	122.7
12	7/2/2009 14:01	17.72	48.261	31.53	9.64	8.05	1.5	2.459	122.3
13	7/2/2009 14:16	17.86	48.243	31.52	9.59	8.05	0.8	2.456	122.1
14	7/2/2009 14:31	17.81	48.309	31.57	9.63	8.05	1.8	2.44	122.5
15	7/2/2009 14:46	17.76	48.281	31.55	9.86	8.05	1.5	2.445	125.2
16	7/2/2009 15:01	17.89	48.268	31.54	9.67	8.05	1	2.462	123.1
17	7/2/2009 15:16	17.81	48.267	31.54	9.55	8.04	1.3	2.481	121.3
18	7/2/2009 15:31	17.65	48.332	31.58	9.54	8.03	1.6	2.51	121
19	7/2/2009 15:46	17.64	48.24	31.52	9.45	8.03	2	2.547	119.7
20	7/2/2009 16:01	17.45	48.315	31.57	9.51	8.02	1.4	2.585	120.1
21	7/2/2009 16:16	17.29	48.244	31.52	9.48	8.01	2.3	2.647	119.3
22	7/2/2009 16:31	17.25	48.274	31.54	9.6	8.01	2.6	2.694	120.8
23	7/2/2009 16:46	17.03	48.245	31.52	9.6	8.11	2.1	2.743	120.2
24	7/2/2009 17:01	16.71	48.317	31.56	9.51	7.97	2.2	2.813	118.4
25	7/2/2009 17:16	16.42	48.248	31.51	9.47	7.96	2.4	2.873	117.2
26	7/2/2009 17:31	15.96	48.278	31.53	9.61	7.94	2.3	2.931	117.9
27	7/2/2009 17:46	15.62	48.291	31.53	9.74	7.93	2.6	2.997	118.7
28	7/2/2009 18:01	15.23	48.267	31.5	9.85	7.92	2.5	3.064	119
29	7/2/2009 18:16	15.25	48.335	31.55	10.04	8.01	2.9	3.135	121.5
30	7/2/2009 18:31	14.95	48.299	31.52	10.13	7.92	3.2	3.206	121.8
31	7/2/2009 18:46	14.82	48.298	31.52	10.15	7.91	3.1	3.281	121.7
32	7/2/2009 19:01	14.5	48.327	31.53	10.55	7.92	3.8	3.35	125.7
33	7/2/2009 19:16	14.1	48.379	31.56	10.9	8.02	4.2	3.418	128.8
34	7/2/2009 19:31	13.88	48.392	31.56	11.15	8.03	4.4	3.487	131.2
35	7/2/2009 19:46	13.72	48.36	31.53	11.32	8.04	3.5	3.554	132.8
36	7/2/2009 20:01	13.51	48.366	31.53	11.42	7.93	2.7	3.609	133.3
37	7/2/2009 20:16	13.37	48.393	31.54	11.44	7.93	2.1	3.659	133.2
38	7/2/2009 20:31	13.07	48.381	31.53	11.61	8.05	2.4	3.705	134.4
39	7/2/2009 20:46	12.93	48.452	31.57	11.64	7.93	1.3	3.739	134.3
40	7/2/2009 21:01	12.78	48.444	31.56	11.8	8.06	1.4	3.744	135.8
41	7/2/2009 21:16	12.96	48.486	31.6	11.53	7.93	1.8	3.762	133.2
42	7/2/2009 21:31	12.81	48.459	31.57	11.65	8.05	1.2	3.747	134.1
43	7/2/2009 21:46	12.87	48.369	31.51	11.71	7.93	3.4	3.703	134.9
44	7/2/2009 22:01	13.06	48.343	31.5	11.48	7.92	2.3	3.66	132.7
45	7/2/2009 22:16	13.98	48.362	31.54	10.45	7.9	5.1	3.6	123.2
46	7/2/2009 22:31	14.07	48.366	31.55	10.16	7.89	3.1	3.535	119.9
47	7/2/2009 22:46	14.87	48.414	31.6	9.8	7.91	3.1	3.443	117.7
48	7/2/2009 23:01	15.32	48.436	31.63	10.14	8.02	6.3	3.354	122.9
49	7/2/2009 23:16	15.15	48.393	31.59	10.2	7.94	4.5	3.273	123.1
50	7/2/2009 23:31	15.24	48.431	31.62	10.37	8.02	4.5	3.177	125.4
51	7/2/2009 23:46	15.36	48.369	31.58	10.17	7.94	4	3.077	123.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
52	7/3/2009 00:01	15.73	48.412	31.62	10.03	7.95	4.3	2.979	122.6
53	7/3/2009 00:16	16.14	48.422	31.63	9.88	7.96	5.7	2.867	121.7
54	7/3/2009 00:31	16.58	48.425	31.64	9.74	7.97	5.7	2.766	121
55	7/3/2009 00:46	16.85	48.362	31.6	9.65	7.98	6	2.647	120.4
56	7/3/2009 01:01	16.97	48.452	31.67	9.68	7.99	6.7	2.554	121.2
57	7/3/2009 01:16	16.91	48.456	31.67	9.68	7.99	4.8	2.436	121
58	7/3/2009 01:31	16.56	48.38	31.61	9.62	8.12	6.8	2.303	119.4
59	7/3/2009 01:46	16.79	48.498	31.7	9.53	7.98	6.3	2.201	118.9
60	7/3/2009 02:01	17.01	48.485	31.69	9.36	7.99	7.3	2.074	117.3
61	7/3/2009 02:16	17.09	48.544	31.73	9.26	7.99	6.2	1.953	116.2
62	7/3/2009 02:31	17.33	48.556	31.75	9.21	7.99	5.2	1.849	116.2
63	7/3/2009 02:46	17.45	48.535	31.73	9.08	8	4.8	1.744	114.7
64	7/3/2009 03:01	17.86	48.569	31.76	8.92	8.02	4.7	1.655	113.6
65	7/3/2009 03:16	17.93	48.475	31.69	9.02	8.02	4.3	1.573	115
66	7/3/2009 03:31	18.28	48.47	31.69	9.08	8.15	4	1.522	116.5
67	7/3/2009 03:46	18.52	48.647	31.82	9.07	8.06	3.4	1.483	117
68	7/3/2009 04:01	18.58	48.633	31.81	9.06	8.06	2.7	1.468	117
69	7/3/2009 04:16	18.53	48.67	31.83	8.87	8.05	2.7	1.463	114.5
70	7/3/2009 04:31	18.6	48.636	31.81	9.09	8.06	2.1	1.476	117.5
71	7/3/2009 04:46	18.6	48.616	31.8	9.18	8.07	1.8	1.527	118.6
72	7/3/2009 05:01	18.48	48.625	31.8	9.18	8.06	2.6	1.567	118.3
73	7/3/2009 05:16	18.51	48.63	31.81	9.1	8.06	2.8	1.605	117.4
74	7/3/2009 05:31	18.44	48.622	31.8	9.18	8.06	3.2	1.693	118.2
75	7/3/2009 05:46	18.57	48.583	31.77	8.87	8.04	3.8	1.745	114.6
76	7/3/2009 06:01	18.81	48.572	31.76	8.37	8.01	5.4	1.802	108.6
77	7/3/2009 06:16	18.68	48.598	31.78	8.35	8.01	5.1	1.878	108.1
78	7/3/2009 06:31	18.55	48.569	31.76	8.49	8.01	5.2	1.947	109.7
79	7/3/2009 06:46	18.37	48.518	31.72	8.64	8.01	4.7	2.018	111.1
80	7/3/2009 07:01	18.21	48.565	31.76	8.75	8.01	4.5	2.089	112.3
81	7/3/2009 07:16	18.09	48.567	31.76	8.8	8.01	5.2	2.167	112.6
82	7/3/2009 07:31	17.95	48.566	31.76	8.8	8	5	2.241	112.3
83	7/3/2009 07:46	17.62	48.522	31.72	8.86	7.98	4.6	2.317	112.3
84	7/3/2009 08:01	17.43	48.511	31.71	8.85	8.03	5.2	2.388	111.8
85	7/3/2009 08:16	17.23	48.493	31.7	8.86	7.96	5.2	2.466	111.5
86	7/3/2009 08:31	17.06	48.487	31.69	8.94	7.95	5.5	2.534	112.1
87	7/3/2009 08:46	16.96	48.495	31.7	8.93	7.95	5.1	2.601	111.8
88	7/3/2009 09:01	16.84	48.418	31.64	8.96	8.1	4.2	2.664	111.9
89	7/3/2009 09:16	16.63	48.447	31.66	9.07	7.94	3.5	2.737	112.8
90	7/3/2009 09:31	16.47	48.474	31.68	9.1	7.93	3.5	2.786	112.8
91	7/3/2009 09:46	16.24	48.489	31.68	9.17	8.01	2.8	2.844	113.2
92	7/3/2009 10:01	16.07	48.443	31.65	9.25	7.92	2.4	2.902	113.8
93	7/3/2009 10:16	15.82	48.41	31.62	9.33	7.91	2.5	2.945	114.2
94	7/3/2009 10:31	15.59	48.47	31.66	9.43	7.91	2	2.985	114.9
95	7/3/2009 10:46	15.5	48.459	31.65	9.45	8	1.2	3.012	115
96	7/3/2009 11:01	15.47	48.447	31.64	9.46	7.91	1.5	3.051	114.9
97	7/3/2009 11:16	15.4	48.429	31.63	9.41	7.9	1.2	3.062	114.2
98	7/3/2009 11:31	15.49	48.449	31.64	9.28	7.9	2.1	3.058	112.9
99	7/3/2009 11:46	15.45	48.437	31.63	9.21	7.98	1.7	3.055	111.9
100	7/3/2009 12:01	15.38	48.451	31.64	9.37	7.91	2	3.025	113.6
101	7/3/2009 12:16	15.52	48.339	31.56	9.3	7.91	2.5	2.99	113
102	7/3/2009 12:31	15.76	48.459	31.65	9.28	7.92	2.7	2.952	113.5
103	7/3/2009 12:46	16.08	48.43	31.64	9.42	7.94	2.9	2.891	115.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
104	7/3/2009 13:01	16.23	48.514	31.7	9.48	8.01	2.7	2.847	117
105	7/3/2009 13:16	16.51	48.516	31.71	9.53	8.02	3.5	2.78	118.3
106	7/3/2009 13:31	16.74	48.498	31.7	9.55	7.98	3	2.738	119
107	7/3/2009 13:46	16.81	48.498	31.7	9.39	7.97	2.5	2.698	117.2
108	7/3/2009 14:01	16.88	48.479	31.68	9.38	7.98	2.3	2.647	117.2
109	7/3/2009 14:16	17.02	48.475	31.68	9.45	7.99	2.4	2.617	118.5
110	7/3/2009 14:31	17.12	48.446	31.66	9.51	7.99	2.1	2.581	119.4
111	7/3/2009 14:46	17.31	48.437	31.66	9.78	8.01	1.6	2.562	123.2
112	7/3/2009 15:01	17.44	48.473	31.69	9.8	8.02	1.5	2.539	123.8
113	7/3/2009 15:16	17.59	48.526	31.73	9.7	8.01	1.5	2.518	122.9
114	7/3/2009 15:31	17.69	48.472	31.69	10	8.03	2	2.52	126.9
115	7/3/2009 15:46	17.66	48.52	31.72	10.08	8.03	1.8	2.525	128
116	7/3/2009 16:01	17.69	48.531	31.73	9.88	8.03	1.7	2.53	125.5
117	7/3/2009 16:16	17.65	48.544	31.74	9.94	8.02	2.4	2.545	126.1
118	7/3/2009 16:31	17.62	48.491	31.7	9.77	8.02	2.1	2.587	123.8
119	7/3/2009 16:46	17.67	48.572	31.76	9.7	8.02	2.1	2.623	123.2
120	7/3/2009 17:01	17.46	48.54	31.73	9.71	8.01	2.3	2.664	122.8
121	7/3/2009 17:16	17.29	48.48	31.69	9.73	8	2.4	2.716	122.5
122	7/3/2009 17:31	17.12	48.476	31.69	9.75	7.99	2.8	2.777	122.4
123	7/3/2009 17:46	16.84	48.504	31.7	9.8	7.98	3.1	2.831	122.4
124	7/3/2009 18:01	16.39	48.481	31.68	9.71	7.96	2.8	2.885	120.2
125	7/3/2009 18:16	16.03	48.463	31.66	9.89	7.95	2.7	2.951	121.6
126	7/3/2009 18:31	15.65	48.478	31.67	10.16	7.95	3.4	3.018	123.9
127	7/3/2009 18:46	15.4	48.464	31.65	10.41	7.95	2.7	3.085	126.4
128	7/3/2009 19:01	15.2	48.515	31.68	10.69	8.05	3.5	3.152	129.3
129	7/3/2009 19:16	14.88	48.468	31.64	11.32	7.96	2.6	3.222	136
130	7/3/2009 19:31	14.69	48.403	31.59	10.93	7.95	2.7	3.295	130.8
131	7/3/2009 19:46	14.24	48.494	31.65	11.22	7.95	4.5	3.362	133.1
132	7/3/2009 20:01	14.03	48.244	31.46	11.73	8.18	4.5	3.433	138.3
133	7/3/2009 20:16	13.74	48.474	31.62	12.09	7.99	3.7	3.496	141.9
134	7/3/2009 20:31	13.58	48.492	31.62	12.37	8	4.7	3.56	144.6
135	7/3/2009 20:46	13.47	48.531	31.65	12.5	8.13	4.2	3.622	145.9
136	7/3/2009 21:01	13.15	48.521	31.63	12.65	8.14	2.7	3.666	146.7
137	7/3/2009 21:16	12.94	48.502	31.61	12.71	8.01	2.4	3.705	146.7
138	7/3/2009 21:31	12.8	48.539	31.63	12.69	8.01	2	3.747	146
139	7/3/2009 21:46	12.75	48.486	31.59	12.66	8	1.4	3.764	145.5
140	7/3/2009 22:01	12.98	48.599	31.68	12.48	8.12	2.4	3.758	144.2
141	7/3/2009 22:16	12.83	48.526	31.62	12.4	8.12	2.4	3.76	142.9
142	7/3/2009 22:31	12.88	48.542	31.64	12.43	8.12	2.1	3.729	143.3
143	7/3/2009 22:46	13.05	48.535	31.64	12.23	8.11	2.1	3.681	141.6
144	7/3/2009 23:01	13.79	48.49	31.63	11.35	7.96	3.7	3.616	133.4
145	7/3/2009 23:16	14.2	48.486	31.64	10.95	7.95	5.5	3.54	129.7
146	7/3/2009 23:31	15.06	48.555	31.71	10.56	7.97	5.4	3.457	127.4
147	7/3/2009 23:46	15.2	48.466	31.65	10.72	7.98	5.2	3.363	129.6
148	7/4/2009 00:01	15.13	48.51	31.68	10.88	8.07	5.1	3.265	131.4
149	7/4/2009 00:16	15.2	48.424	31.62	10.72	7.97	6.2	3.16	129.5
150	7/4/2009 00:31	15.5	48.505	31.68	10.61	7.98	4.7	3.07	129
151	7/4/2009 00:46	15.87	48.561	31.73	10.33	7.98	4.4	2.954	126.6
152	7/4/2009 01:01	16.52	48.533	31.72	9.95	7.98	4.8	2.847	123.4
153	7/4/2009 01:16	16.67	48.566	31.75	9.81	7.98	5.9	2.742	122.2
154	7/4/2009 01:31	16.9	48.543	31.73	9.98	8	5.4	2.622	124.9
155	7/4/2009 01:46	16.83	48.574	31.75	9.93	8	5.8	2.51	124

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
156	7/4/2009 02:01	16.82	48.613	31.78	9.77	8	6.7	2.384	122
157	7/4/2009 02:16	16.32	48.631	31.79	9.76	7.98	7.3	2.264	120.7
158	7/4/2009 02:31	16.67	48.411	31.63	9.67	7.99	7.1	2.139	120.4
159	7/4/2009 02:46	17.05	48.651	31.81	9.41	7.99	6.7	2.018	118.1
160	7/4/2009 03:01	16.97	48.669	31.82	9.33	7.98	5.9	1.897	116.9
161	7/4/2009 03:16	17.32	48.63	31.8	9.14	7.99	6.3	1.77	115.3
162	7/4/2009 03:31	17.61	48.707	31.86	9.09	8	6	1.667	115.3
163	7/4/2009 03:46	17.89	48.728	31.87	9.03	8.01	5.5	1.571	115.2
164	7/4/2009 04:01	17.94	48.735	31.88	8.94	8.01	4.8	1.495	114.1
165	7/4/2009 04:16	18.42	48.77	31.91	8.94	8.03	4	1.441	115.3
166	7/4/2009 04:31	18.44	48.801	31.93	8.84	8.06	3.6	1.372	114
167	7/4/2009 04:46	18.62	48.78	31.92	8.82	8.04	3	1.392	114.1
168	7/4/2009 05:01	18.42	48.767	31.91	8.66	8.02	2.6	1.386	111.6
169	7/4/2009 05:16	18.64	48.775	31.91	8.84	8.04	2.1	1.383	114.4
170	7/4/2009 05:31	18.57	48.804	31.93	8.93	8.04	2.3	1.446	115.5
171	7/4/2009 05:46	18.51	48.801	31.93	8.92	8.07	3.1	1.481	115.2
172	7/4/2009 06:01	18.6	48.708	31.86	9.03	8.05	2.9	1.555	116.8
173	7/4/2009 06:16	18.55	48.758	31.9	9.05	8.05	3.7	1.613	116.9
174	7/4/2009 06:31	18.69	48.702	31.86	8.69	8.02	5.6	1.674	112.6
175	7/4/2009 06:46	18.79	48.661	31.83	8.38	8.01	6.2	1.747	108.7
176	7/4/2009 07:01	18.65	48.728	31.88	8.39	8.01	5.8	1.82	108.5
177	7/4/2009 07:16	18.59	48.66	31.83	8.41	8	5.9	1.882	108.7
178	7/4/2009 07:31	18.48	48.654	31.82	8.47	8.01	4.9	1.949	109.3
179	7/4/2009 07:46	18.26	48.653	31.82	8.73	8.01	5	2.03	112.1
180	7/4/2009 08:01	18.1	48.678	31.84	8.73	8	5.1	2.118	111.8
181	7/4/2009 08:16	18.02	48.659	31.82	8.77	8	4.9	2.189	112.1
182	7/4/2009 08:31	17.72	48.656	31.82	8.82	7.99	4.9	2.278	112.2
183	7/4/2009 08:46	17.46	48.663	31.82	8.87	7.98	5.3	2.369	112.1
184	7/4/2009 09:01	17.32	48.59	31.77	8.88	7.97	6	2.444	111.9
185	7/4/2009 09:16	17.16	48.586	31.77	8.9	7.96	7.1	2.531	111.8
186	7/4/2009 09:31	16.98	48.642	31.8	8.98	7.96	5.1	2.599	112.5
187	7/4/2009 09:46	16.9	48.641	31.8	9.03	7.96	5.6	2.679	113
188	7/4/2009 10:01	16.62	48.592	31.76	9.16	7.96	5.1	2.748	113.9
189	7/4/2009 10:16	16.43	48.593	31.76	9.26	7.95	4.4	2.804	114.8
190	7/4/2009 10:31	16.2	48.477	31.67	9.4	7.95	3.7	2.876	116
191	7/4/2009 10:46	15.92	48.538	31.71	9.6	7.95	3.3	2.919	117.7
192	7/4/2009 11:01	15.7	48.555	31.72	9.74	7.94	2.6	2.978	119
193	7/4/2009 11:16	15.47	48.461	31.65	9.92	7.94	2.5	3.028	120.6
194	7/4/2009 11:31	15.38	48.498	31.68	9.94	7.95	2.4	3.058	120.6
195	7/4/2009 11:46	15.04	48.462	31.64	10.14	7.94	2.3	3.101	122.2
196	7/4/2009 12:01	14.6	48.603	31.73	10.38	8.06	1.4	3.126	124
197	7/4/2009 12:16	14.57	48.552	31.7	10.33	8.05	0.9	3.137	123.4
198	7/4/2009 12:31	14.57	48.561	31.7	10.27	8.05	1.4	3.139	122.7
199	7/4/2009 12:46	14.68	48.509	31.67	10.27	7.94	2.3	3.118	122.9
200	7/4/2009 13:01	14.84	48.528	31.69	10.19	7.94	2	3.101	122.3
201	7/4/2009 13:16	15.32	48.402	31.6	9.93	7.94	3.4	3.052	120.3
202	7/4/2009 13:31	15.58	48.57	31.73	9.85	7.95	3.2	2.999	120
203	7/4/2009 13:46	15.9	48.579	31.74	9.91	7.96	3.7	2.948	121.5
204	7/4/2009 14:01	16.29	48.556	31.73	9.79	7.98	3.6	2.879	121.1
205	7/4/2009 14:16	16.66	48.583	31.76	9.87	7.99	4.3	2.84	122.9
206	7/4/2009 14:31	16.81	48.578	31.76	9.77	7.99	3.4	2.778	122.1
207	7/4/2009 14:46	17.02	48.62	31.79	9.77	8	3.5	2.72	122.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
208	7/4/2009 15:01	17.15	48.555	31.74	9.86	8.01	3.3	2.692	123.9
209	7/4/2009 15:16	17.26	48.592	31.77	9.85	8.01	2.5	2.652	124.1
210	7/4/2009 15:31	17.32	48.583	31.76	9.93	8.02	2.7	2.603	125.2
211	7/4/2009 15:46	17.42	48.566	31.75	9.91	8.02	2	2.586	125.2
212	7/4/2009 16:01	17.42	48.574	31.76	9.92	8.03	1.9	2.572	125.3
213	7/4/2009 16:16	17.46	48.627	31.8	10.11	8.04	2.4	2.556	127.9
214	7/4/2009 16:31	17.47	48.634	31.8	10.2	8.04	2.7	2.55	129.1
215	7/4/2009 16:46	17.53	48.626	31.8	10.11	8.04	1.8	2.565	128
216	7/4/2009 17:01	17.59	48.61	31.79	10.05	8.03	2.1	2.585	127.4
217	7/4/2009 17:16	17.55	48.674	31.83	9.93	8.03	2.6	2.608	125.8
218	7/4/2009 17:31	17.58	48.616	31.79	9.8	8.02	2.1	2.649	124.2
219	7/4/2009 17:46	17.46	48.533	31.73	9.87	8.02	3.5	2.693	124.7
220	7/4/2009 18:01	17.19	48.582	31.76	9.71	8	3.7	2.747	122.2
221	7/4/2009 18:16	16.99	48.627	31.79	9.79	8	3.9	2.798	122.6
222	7/4/2009 18:31	16.82	48.553	31.74	9.86	8	3.1	2.857	123.2
223	7/4/2009 18:46	16.43	48.495	31.69	9.98	7.99	3.8	2.924	123.7
224	7/4/2009 19:01	15.82	48.414	31.62	10.34	7.98	4.1	2.981	126.5
225	7/4/2009 19:16	15.45	48.44	31.63	10.61	7.98	3.7	3.054	128.9
226	7/4/2009 19:31	14.86	48.489	31.66	10.94	7.98	4.1	3.123	131.3
227	7/4/2009 19:46	14.51	48.546	31.69	11.05	7.97	4.4	3.196	131.7
228	7/4/2009 20:01	14.21	48.565	31.7	11.16	8.09	4	3.271	132.3
229	7/4/2009 20:16	14.15	48.548	31.68	11.2	7.97	4.3	3.345	132.6
230	7/4/2009 20:31	13.7	48.586	31.7	11.19	8.09	4.9	3.415	131.3
231	7/4/2009 20:46	13.25	48.556	31.66	11.09	8.08	5.2	3.49	128.8
232	7/4/2009 21:01	12.86	48.614	31.69	11.48	8.1	6	3.559	132.4
233	7/4/2009 21:16	12.67	48.583	31.66	11.48	7.95	4.7	3.612	131.8
234	7/4/2009 21:31	12.51	48.613	31.67	11.42	8.09	3.9	3.676	130.6
235	7/4/2009 21:46	12.34	48.639	31.68	11.32	8.08	3	3.726	129.1
236	7/4/2009 22:01	12.24	48.536	31.6	11.2	7.93	2.1	3.754	127.4
237	7/4/2009 22:16	12.13	48.621	31.66	11.18	7.92	2.1	3.796	126.9
238	7/4/2009 22:31	12.07	48.632	31.67	11.07	7.92	2.4	3.809	125.5
239	7/4/2009 22:46	12.28	48.705	31.73	11.12	8.07	2.8	3.813	126.7
240	7/4/2009 23:01	12.2	48.603	31.65	10.91	8.06	2.3	3.802	124.1
241	7/4/2009 23:16	12.13	48.644	31.68	11.05	8.06	3.3	3.76	125.4
242	7/4/2009 23:31	12.21	48.61	31.66	10.97	7.91	3.4	3.72	124.7
243	7/4/2009 23:46	13.04	48.604	31.69	10.82	8.07	3	3.648	125.2
244	7/5/2009 00:01	13.29	48.593	31.69	10.7	8.06	4.1	3.568	124.5
245	7/5/2009 00:16	14.25	48.594	31.72	10.32	7.94	4.2	3.482	122.4
246	7/5/2009 00:31	14.76	48.602	31.74	10.28	8.07	5.8	3.385	123.3
247	7/5/2009 00:46	14.73	48.538	31.69	10.4	7.96	6	3.281	124.6
248	7/5/2009 01:01	14.83	48.621	31.75	10.39	8.07	5.4	3.169	124.7
249	7/5/2009 01:16	14.94	48.504	31.67	10.35	7.96	4.9	3.079	124.4
250	7/5/2009 01:31	15.4	48.578	31.73	10.12	7.97	5.1	2.949	122.9
251	7/5/2009 01:46	15.88	48.638	31.79	9.69	7.96	5.6	2.847	118.8
252	7/5/2009 02:01	16.16	48.642	31.79	9.67	7.97	6.8	2.732	119.3
253	7/5/2009 02:16	16.44	48.638	31.8	9.62	7.98	8.4	2.596	119.3
254	7/5/2009 02:31	16.48	48.617	31.78	9.69	7.99	5.7	2.488	120.2
255	7/5/2009 02:46	16.47	48.616	31.78	9.59	7.98	7.5	2.365	118.9
256	7/5/2009 03:01	16.18	48.611	31.77	9.55	7.97	7.6	2.228	117.7
257	7/5/2009 03:16	16.48	48.511	31.7	9.35	7.98	8.2	2.087	115.9
258	7/5/2009 03:31	16.47	48.716	31.85	9.23	7.97	6.8	1.975	114.5
259	7/5/2009 03:46	16.65	48.643	31.8	9.07	7.97	6.6	1.854	112.9

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
260	7/5/2009 04:01	16.89	48.655	31.81	8.93	7.98	6.5	1.711	111.8
261	7/5/2009 04:16	17.15	48.754	31.89	8.85	7.98	6.3	1.611	111.4
262	7/5/2009 04:31	17.36	48.715	31.86	8.78	7.98	5.3	1.526	110.9
263	7/5/2009 04:46	17.53	48.79	31.92	8.69	8.06	4.7	1.425	110.1
264	7/5/2009 05:01	17.68	48.793	31.92	8.62	8.06	4.3	1.342	109.5
265	7/5/2009 05:16	17.93	48.678	31.84	8.57	8	3.8	1.324	109.4
266	7/5/2009 05:31	17.92	48.778	31.91	8.47	8	3	1.315	108.1
267	7/5/2009 05:46	17.86	48.811	31.94	8.48	8	2.7	1.299	108.1
268	7/5/2009 06:01	17.95	48.911	32.01	8.52	8.01	2.3	1.348	109
269	7/5/2009 06:16	18.18	48.861	31.97	8.6	8.08	2.3	1.401	110.4
270	7/5/2009 06:31	18.05	48.772	31.91	8.66	8.02	2.7	1.448	110.8
271	7/5/2009 06:46	18.09	48.835	31.95	8.74	8.03	2.4	1.499	112
272	7/5/2009 07:01	18.04	48.692	31.85	8.76	8.02	3.5	1.575	112
273	7/5/2009 07:16	18.1	48.711	31.86	8.43	8	4.7	1.641	107.9
274	7/5/2009 07:31	18.19	48.705	31.86	8.1	7.97	6.7	1.716	104
275	7/5/2009 07:46	18.07	48.734	31.88	8.25	7.98	5.9	1.785	105.6
276	7/5/2009 08:01	17.97	48.68	31.84	8.37	7.99	4.7	1.851	106.9
277	7/5/2009 08:16	17.78	48.714	31.86	8.48	7.99	5	1.954	108
278	7/5/2009 08:31	17.68	48.717	31.87	8.54	7.99	5.6	2.033	108.5
279	7/5/2009 08:46	17.58	48.647	31.81	8.59	7.98	5.9	2.112	108.9
280	7/5/2009 09:01	17.47	48.627	31.8	8.65	7.98	5.7	2.198	109.4
281	7/5/2009 09:16	17.2	48.627	31.8	8.7	7.97	5.9	2.3	109.5
282	7/5/2009 09:31	17.11	48.647	31.81	8.72	7.97	6.8	2.385	109.6
283	7/5/2009 09:46	16.95	48.687	31.84	8.77	7.96	6.7	2.463	109.8
284	7/5/2009 10:01	16.79	48.677	31.83	8.86	7.96	6.7	2.551	110.6
285	7/5/2009 10:16	16.67	48.683	31.83	8.85	7.96	6.6	2.636	110.3
286	7/5/2009 10:31	16.53	48.659	31.81	9.02	7.96	6.5	2.709	112
287	7/5/2009 10:46	16.28	48.634	31.79	9.13	8.05	5.6	2.778	112.9
288	7/5/2009 11:01	16.16	48.627	31.78	9.22	8.05	5.3	2.849	113.7
289	7/5/2009 11:16	15.92	48.575	31.74	9.32	7.95	5.5	2.917	114.3
290	7/5/2009 11:31	15.49	48.537	31.71	9.58	7.95	4	2.974	116.5
291	7/5/2009 11:46	15.22	48.502	31.68	9.74	7.95	4.2	3.03	117.8
292	7/5/2009 12:01	14.97	48.588	31.73	9.82	7.94	4.3	3.085	118.3
293	7/5/2009 12:16	14.72	48.637	31.76	9.88	7.94	3.9	3.121	118.3
294	7/5/2009 12:31	14.31	48.505	31.66	10.01	8.06	2.3	3.157	118.9
295	7/5/2009 12:46	14.07	48.621	31.73	10.08	8.06	1.5	3.183	119.2
296	7/5/2009 13:01	14.22	48.627	31.74	10	8.06	1.8	3.185	118.6
297	7/5/2009 13:16	14.08	48.561	31.69	9.92	7.92	2.3	3.178	117.3
298	7/5/2009 13:31	14.12	48.612	31.73	9.98	8.05	3.2	3.156	118.1
299	7/5/2009 13:46	14.32	48.505	31.66	9.95	7.93	3.2	3.124	118.2
300	7/5/2009 14:01	14.78	48.542	31.69	9.75	7.93	4	3.071	116.9
301	7/5/2009 14:16	15.29	48.476	31.66	9.7	7.95	3.8	3.016	117.5
302	7/5/2009 14:31	15.54	48.537	31.71	9.65	7.96	2.9	2.965	117.5
303	7/5/2009 14:46	15.88	48.632	31.78	9.7	7.97	3.4	2.898	119
304	7/5/2009 15:01	16.08	48.533	31.71	9.78	7.98	3.7	2.835	120.3
305	7/5/2009 15:16	16.17	48.665	31.81	9.8	8.09	3.5	2.781	120.8
306	7/5/2009 15:31	16.22	48.654	31.8	10	8.09	2.9	2.734	123.5
307	7/5/2009 15:46	16.29	48.673	31.82	10.08	8.1	2.9	2.693	124.7
308	7/5/2009 16:01	16.47	48.566	31.74	9.96	8.01	2.7	2.641	123.5
309	7/5/2009 16:16	16.61	48.665	31.82	9.85	8.01	2.6	2.615	122.5
310	7/5/2009 16:31	16.74	48.642	31.8	9.7	8.01	2.4	2.585	121
311	7/5/2009 16:46	16.93	48.633	31.8	9.46	8	1.7	2.567	118.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
312	7/5/2009 17:01	17	48.678	31.83	9.42	8.01	1.4	2.561	118.2
313	7/5/2009 17:16	17.09	48.653	31.81	9.34	8.01	1.2	2.544	117.3
314	7/5/2009 17:31	16.97	48.669	31.82	9.57	8.01	1.9	2.565	119.9
315	7/5/2009 17:46	16.94	48.692	31.84	9.58	8.01	2	2.588	119.9
316	7/5/2009 18:01	16.98	48.678	31.83	9.43	8	2.4	2.607	118.1
317	7/5/2009 18:16	16.95	48.667	31.82	9.46	8	2.3	2.639	118.5
318	7/5/2009 18:31	16.89	48.696	31.84	9.41	8	3.2	2.694	117.8
319	7/5/2009 18:46	16.7	48.628	31.79	9.39	7.99	3.7	2.744	117.1
320	7/5/2009 19:01	16.57	48.674	31.82	9.39	7.98	3.7	2.793	116.7
321	7/5/2009 19:16	16.35	48.636	31.79	9.57	7.98	3.4	2.865	118.5
322	7/5/2009 19:31	16.05	48.556	31.73	9.69	7.97	4	2.926	119.2
323	7/5/2009 19:46	15.62	48.581	31.74	9.84	7.96	3.8	2.985	120.1
324	7/5/2009 20:01	14.92	48.525	31.69	10.18	7.96	4	3.051	122.4
325	7/5/2009 20:16	14.54	48.616	31.74	10.33	7.95	4.2	3.124	123.3
326	7/5/2009 20:31	14.1	48.52	31.66	10.42	7.94	3.8	3.196	123.3
327	7/5/2009 20:46	13.98	48.571	31.69	10.41	7.94	4	3.266	122.8
328	7/5/2009 21:01	13.9	48.615	31.72	10.45	8.08	4.5	3.337	123.1
329	7/5/2009 21:16	13.61	48.645	31.74	10.58	8.08	4.5	3.414	123.9
330	7/5/2009 21:31	13.08	48.63	31.71	10.66	8.08	5.4	3.486	123.5
331	7/5/2009 21:46	12.82	48.603	31.68	10.78	7.93	5.6	3.547	124.2
332	7/5/2009 22:01	12.55	48.55	31.63	10.98	7.93	4.8	3.618	125.7
333	7/5/2009 22:16	12.37	48.681	31.72	11.12	8.09	4.5	3.676	126.9
334	7/5/2009 22:31	12.22	48.721	31.74	11.12	8.09	3.5	3.719	126.6
335	7/5/2009 22:46	12.12	48.485	31.56	11.16	7.93	2.6	3.768	126.7
336	7/5/2009 23:01	12.09	48.644	31.68	11.1	7.93	1.6	3.788	126
337	7/5/2009 23:16	12.53	48.53	31.61	10.87	7.93	2.9	3.799	124.4
338	7/5/2009 23:31	12.18	48.711	31.73	10.81	7.92	1.6	3.808	122.9
339	7/5/2009 23:46	12.12	48.654	31.68	10.92	7.92	3.1	3.783	124
340	7/6/2009 00:01	12.13	48.64	31.68	10.96	7.92	3.8	3.732	124.4
341	7/6/2009 00:16	12.41	48.653	31.7	10.73	8.07	2.3	3.685	122.6
342	7/6/2009 00:31	13.09	48.572	31.67	10.36	7.92	3.8	3.613	120
343	7/6/2009 00:46	13.7	48.667	31.75	10	8.05	4.8	3.523	117.4
344	7/6/2009 01:01	14.17	48.479	31.63	9.81	7.92	4.3	3.437	116.1
345	7/6/2009 01:16	14.26	48.584	31.71	9.83	7.92	4.3	3.332	116.7
346	7/6/2009 01:31	14.56	48.666	31.78	9.7	7.92	6.2	3.231	115.9
347	7/6/2009 01:46	14.72	48.543	31.69	9.61	7.92	5.1	3.128	115.2
348	7/6/2009 02:01	14.74	48.694	31.8	9.69	7.93	4.3	3.002	116.2
349	7/6/2009 02:16	15.31	48.683	31.81	9.26	8.05	4.6	2.894	112.3
350	7/6/2009 02:31	15.81	48.649	31.79	9.05	7.94	7.8	2.771	110.8
351	7/6/2009 02:46	16.14	48.662	31.81	8.87	7.94	4.4	2.661	109.4
352	7/6/2009 03:01	16.28	48.703	31.84	8.92	7.95	6.2	2.541	110.3
353	7/6/2009 03:16	16.02	48.709	31.84	8.98	8.06	6.3	2.403	110.5
354	7/6/2009 03:31	15.83	48.696	31.83	8.98	7.94	6.4	2.26	110
355	7/6/2009 03:46	15.86	48.714	31.84	8.91	7.94	7.8	2.137	109.2
356	7/6/2009 04:01	15.99	48.654	31.8	8.76	7.94	8.3	2.011	107.7
357	7/6/2009 04:16	16.04	48.552	31.73	8.6	7.93	7.1	1.856	105.8
358	7/6/2009 04:31	16.21	48.663	31.81	8.44	7.93	6.5	1.729	104.2
359	7/6/2009 04:46	16.48	48.725	31.86	8.29	7.93	5.8	1.626	102.9
360	7/6/2009 05:01	16.63	48.745	31.88	8.23	7.93	8.2	1.504	102.5
361	7/6/2009 05:16	16.71	48.783	31.9	8.12	7.93	5	1.411	101.3
362	7/6/2009 05:31	16.89	48.823	31.94	8.01	8.03	5.1	1.333	100.3
363	7/6/2009 05:46	16.87	48.702	31.85	7.93	7.93	4.6	1.276	99.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
364	7/6/2009 06:01	16.91	48.793	31.91	7.91	7.93	3.6	1.267	99
365	7/6/2009 06:16	16.81	48.8	31.92	7.9	7.93	4	1.259	98.7
366	7/6/2009 06:31	16.92	48.809	31.93	7.93	7.94	3.1	1.275	99.3
367	7/6/2009 06:46	17	48.791	31.91	7.96	7.94	2.7	1.319	99.9
368	7/6/2009 07:01	17.18	48.83	31.94	7.91	7.95	4	1.385	99.6
369	7/6/2009 07:16	17.23	48.828	31.94	7.98	7.95	3.8	1.44	100.5
370	7/6/2009 07:31	17.21	48.791	31.92	8.07	7.96	4	1.498	101.7
371	7/6/2009 07:46	17.18	48.771	31.9	8.1	7.96	3.8	1.565	102
372	7/6/2009 08:01	17.21	48.673	31.83	7.75	7.92	7.4	1.647	97.5
373	7/6/2009 08:16	17.24	48.657	31.82	7.54	7.91	8.5	1.707	94.9
374	7/6/2009 08:31	17.2	48.603	31.78	7.56	7.91	6.8	1.769	95.1
375	7/6/2009 08:46	17.11	48.61	31.78	7.85	7.93	5.8	1.87	98.6
376	7/6/2009 09:01	17	48.676	31.83	7.98	7.93	6.8	1.963	100.1
377	7/6/2009 09:16	16.91	48.584	31.76	8.02	8.11	6	2.039	100.4
378	7/6/2009 09:31	16.85	48.725	31.86	8.06	7.93	6.3	2.131	100.7
379	7/6/2009 09:46	16.74	48.683	31.83	8.17	7.94	7.3	2.235	101.9
380	7/6/2009 10:01	16.57	48.738	31.87	8.35	7.94	6	2.326	103.9
381	7/6/2009 10:16	16.52	48.652	31.81	8.44	7.94	6.4	2.419	104.8
382	7/6/2009 10:31	16.47	48.648	31.8	8.51	7.94	6.7	2.502	105.6
383	7/6/2009 10:46	16.34	48.64	31.8	8.66	7.94	5.6	2.582	107.2
384	7/6/2009 11:01	16.18	48.741	31.87	8.75	8.05	7.1	2.668	108
385	7/6/2009 11:16	16	48.688	31.83	8.85	8.05	6.4	2.742	108.8
386	7/6/2009 11:31	15.86	48.681	31.82	8.96	8.05	5.7	2.813	109.8
387	7/6/2009 11:46	15.6	48.601	31.75	9.15	7.94	4.6	2.875	111.6
388	7/6/2009 12:01	15.38	48.645	31.78	9.44	7.94	4.7	2.95	114.6
389	7/6/2009 12:16	15.08	48.658	31.79	9.7	8.07	6.1	3.008	117.1
390	7/6/2009 12:31	14.74	48.486	31.65	9.88	7.94	5	3.056	118.4
391	7/6/2009 12:46	14.29	48.581	31.71	10.04	7.94	3.4	3.107	119.2
392	7/6/2009 13:01	14.01	48.638	31.74	10.23	8.09	3.2	3.145	120.9
393	7/6/2009 13:16	13.83	48.613	31.72	10.4	7.94	2.4	3.178	122.4
394	7/6/2009 13:31	13.79	48.557	31.68	10.36	7.94	1.2	3.185	121.7
395	7/6/2009 13:46	13.87	48.543	31.67	10.3	7.94	2.8	3.182	121.2
396	7/6/2009 14:01	13.85	48.586	31.7	10.33	8.09	3.9	3.175	121.6
397	7/6/2009 14:16	14	48.603	31.72	10.24	8.09	4.2	3.143	120.9
398	7/6/2009 14:31	14.24	48.629	31.74	10.19	8.09	4.2	3.097	120.9
399	7/6/2009 14:46	15.07	48.634	31.77	10.14	7.97	4.9	3.033	122.4
400	7/6/2009 15:01	15.56	48.444	31.64	9.91	7.97	3.9	2.988	120.6
401	7/6/2009 15:16	15.97	48.551	31.72	9.81	7.98	3.8	2.927	120.5
402	7/6/2009 15:31	16.18	48.656	31.81	9.73	8.09	4.2	2.853	120.1
403	7/6/2009 15:46	16.27	48.679	31.82	9.71	8.1	3.7	2.796	120
404	7/6/2009 16:01	16.47	48.669	31.82	9.67	8.09	3.7	2.737	119.9
405	7/6/2009 16:16	16.68	48.651	31.81	9.63	8.1	2.7	2.688	120
406	7/6/2009 16:31	16.84	48.603	31.77	9.67	8	3.5	2.634	120.9
407	7/6/2009 16:46	16.97	48.65	31.81	9.59	8.01	3.1	2.605	120.1
408	7/6/2009 17:01	16.98	48.641	31.8	9.66	8.01	3.8	2.571	121.1
409	7/6/2009 17:16	17.1	48.645	31.81	9.68	8.01	3.1	2.537	121.6
410	7/6/2009 17:31	17.17	48.689	31.84	9.64	8.11	2.7	2.529	121.3
411	7/6/2009 17:46	17.32	48.642	31.81	9.43	8.02	3.8	2.522	119
412	7/6/2009 18:01	17.22	48.686	31.84	9.79	8.02	2.3	2.523	123.3
413	7/6/2009 18:16	17.42	48.696	31.85	9.71	8.03	2.1	2.534	122.7
414	7/6/2009 18:31	17.54	48.693	31.85	9.61	8.12	1.5	2.551	121.7
415	7/6/2009 18:46	17.47	48.688	31.84	9.57	8.02	2.7	2.599	121.1

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
416	7/6/2009 19:01	17.55	48.632	31.8	9.57	8.03	2.2	2.638	121.2
417	7/6/2009 19:16	17.46	48.564	31.75	9.51	8.02	2.5	2.68	120.3
418	7/6/2009 19:31	17.22	48.73	31.87	9.52	8.01	2.4	2.736	119.9
419	7/6/2009 19:46	17.42	48.741	31.88	9.47	8.1	3.7	2.799	119.7
420	7/6/2009 20:01	17.02	48.608	31.78	9.64	8	4.5	2.859	120.8
421	7/6/2009 20:16	16.74	48.67	31.82	9.72	8	3.4	2.921	121.3
422	7/6/2009 20:31	16.26	48.563	31.74	9.78	7.99	3.7	2.993	120.8
423	7/6/2009 20:46	15.6	48.583	31.74	10.06	7.98	4.6	3.061	122.6
424	7/6/2009 21:01	15	48.693	31.81	10.37	7.98	5.4	3.12	124.9
425	7/6/2009 21:16	14.55	48.549	31.69	10.49	8.11	4.5	3.196	125.2
426	7/6/2009 21:31	14.25	48.516	31.66	10.54	7.97	4.8	3.274	125
427	7/6/2009 21:46	14.07	48.59	31.71	10.6	8.11	4.6	3.346	125.3
428	7/6/2009 22:01	13.61	48.69	31.77	10.7	8.11	4.8	3.416	125.4
429	7/6/2009 22:16	13.38	48.66	31.74	10.76	7.96	5.2	3.498	125.5
430	7/6/2009 22:31	13.26	48.642	31.72	10.93	8.12	5.8	3.566	127.1
431	7/6/2009 22:46	13.14	48.537	31.64	11.13	7.97	5.9	3.62	129.1
432	7/6/2009 23:01	12.86	48.739	31.78	11.4	8.14	4.3	3.679	131.5
433	7/6/2009 23:16	12.76	48.696	31.74	11.4	8.14	3.2	3.736	131.3
434	7/6/2009 23:31	12.66	48.716	31.75	11.44	8.14	3.2	3.77	131.4
435	7/6/2009 23:46	12.65	48.713	31.75	11.32	8.14	2	3.78	130
436	7/7/2009 00:01	12.95	48.692	31.75	11.09	7.98	3.5	3.798	128.2
437	7/7/2009 00:16	12.72	48.739	31.77	11.08	8.12	2.3	3.792	127.4
438	7/7/2009 00:31	12.66	48.688	31.73	11.15	8.12	3.6	3.751	128.1
439	7/7/2009 00:46	12.89	48.58	31.66	10.91	8.12	5.1	3.7	125.8
440	7/7/2009 01:01	13.41	48.679	31.75	10.42	7.95	5.6	3.633	121.6
441	7/7/2009 01:16	13.71	48.665	31.75	10.21	7.95	3.7	3.563	119.8
442	7/7/2009 01:31	14.12	48.631	31.74		7.94	3.5	3.47	
443	7/7/2009 01:46	14.56	48.545	31.69		7.95	5.5	3.361	
444	7/7/2009 02:01	14.8	48.692	31.8		7.96	6.3	3.263	
445	7/7/2009 02:16	14.72	48.712	31.82		8.1	5.9	3.166	
446	7/7/2009 02:31	14.99	48.544	31.7		7.96	5.3	3.047	
447	7/7/2009 02:46	15.34	48.671	31.8		7.96	4.7	2.936	
448	7/7/2009 03:01	15.9	48.662	31.8		7.97	6.7	2.822	
449	7/7/2009 03:16	16.47	48.604	31.77		7.97	6.3	2.697	
450	7/7/2009 03:31	16.58	48.764	31.89		7.98	7.7	2.576	
451	7/7/2009 03:46	16.51	48.78	31.9		8.1	6.5	2.437	
452	7/7/2009 04:01	16.24	48.734	31.86		8.09	5.9	2.317	
453	7/7/2009 04:16	16.29	48.751	31.88		8.09	6.6	2.177	
454	7/7/2009 04:31	16.24	48.802	31.91		8.09	7.9	2.051	
455	7/7/2009 04:46	16.33	48.729	31.86		8.09	6.9	1.92	
456	7/7/2009 05:01	16.47	48.745	31.87		8.08	6.3	1.773	
457	7/7/2009 05:16	16.87	48.695	31.84		7.97	6.8	1.653	
458	7/7/2009 05:31	17.06	48.771	31.9		7.98	6.4	1.547	
459	7/7/2009 05:46	17.15	48.712	31.86		7.98	6.2	1.434	
460	7/7/2009 06:01	17.36	48.905	32		8.08	5.6	1.339	
461	7/7/2009 06:16	17.42	48.814	31.93		7.98	5.5	1.286	
462	7/7/2009 06:31	17.53	48.747	31.89		7.98	5.6	1.252	
463	7/7/2009 06:46	17.6	48.818	31.94		7.99	3.7	1.217	
464	7/7/2009 07:01	17.4	48.866	31.97		7.98	3.4	1.245	
465	7/7/2009 07:16	17.72	48.881	31.99		7.99	2.9	1.289	
466	7/7/2009 07:31	17.64	48.807	31.93		8	2.9	1.324	
467	7/7/2009 07:46	17.62	48.937	32.03		8.09	2.8	1.383	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
468	7/7/2009 08:01	17.74	48.869	31.98		8.01	2.7	1.452	
469	7/7/2009 08:16	17.69	48.9	32		8	3.7	1.532	
470	7/7/2009 08:31	17.87	48.806	31.93		7.96	6.1	1.587	
471	7/7/2009 08:46	17.88	48.802	31.93		7.95	6.1	1.654	
472	7/7/2009 09:01	17.81	48.762	31.9		7.95	5.7	1.754	
473	7/7/2009 09:16	17.75	48.773	31.91		7.96	6.1	1.833	
474	7/7/2009 09:31	17.51	48.79	31.92		7.97	5.5	1.905	
475	7/7/2009 09:46	17.41	48.773	31.9		7.97	5.2	2.01	
476	7/7/2009 10:01	17.36	48.676	31.83		7.97	5.5	2.102	
477	7/7/2009 10:16	17.24	48.808	31.93		7.97	5.3	2.198	
478	7/7/2009 10:31	16.91	48.799	31.92		8.07	5.4	2.298	
479	7/7/2009 10:46	16.81	48.753	31.88		8.07	5.8	2.39	
480	7/7/2009 11:01	16.69	48.777	31.9		7.96	5.8	2.485	
481	7/7/2009 11:16	16.55	48.695	31.84		7.96	6	2.572	
482	7/7/2009 11:31	16.38	48.64	31.8		7.96	6	2.656	
483	7/7/2009 11:46	16.22	48.639	31.79		7.96	5.7	2.731	
484	7/7/2009 12:01	16.02	48.651	31.8		7.96	5.7	2.806	
485	7/7/2009 12:16	15.78	48.723	31.85		8.08	6.4	2.88	
486	7/7/2009 12:31	15.58	48.655	31.79		8.09	7	2.934	
487	7/7/2009 12:46	15.28	48.675	31.8		7.96	5.2	3.002	
488	7/7/2009 13:01	14.98	48.704	31.82		8.1	5.1	3.054	
489	7/7/2009 13:16	14.55	48.636	31.76		7.96	4.6	3.104	
490	7/7/2009 13:31	14.23	48.751	31.83		8.1	3.4	3.141	
491	7/7/2009 13:46	14.03	48.637	31.74		7.96	2.6	3.175	
492	7/7/2009 14:01	13.94	48.512	31.65		7.96	2.4	3.203	
493	7/7/2009 14:16	14.06	48.632	31.74		7.96	2.3	3.203	
494	7/7/2009 14:31	14.02	48.613	31.73		7.95	3.5	3.188	
495	7/7/2009 14:46	14.09	48.702	31.79		8.1	5.2	3.16	
496	7/7/2009 15:01	14.41	48.304	31.51		8.21	6.7	3.113	
497	7/7/2009 15:16	15.1	48.648	31.78		7.97	7.5	3.043	
498	7/7/2009 15:31	15.73	48.679	31.81		8.12	6.3	2.997	
499	7/7/2009 15:46	15.99	48.653	31.8		7.99	5.3	2.933	
500	7/7/2009 16:01	16.18	48.703	31.84		8.13	5.8	2.86	
501	7/7/2009 16:16	16.23	48.632	31.79		8.01	5.4	2.792	
502	7/7/2009 16:31	16.48	48.642	31.8		8.01	5.9	2.727	
503	7/7/2009 16:46	16.69	48.689	31.84		8.02	4.9	2.675	
504	7/7/2009 17:01	16.83	48.601	31.77		8.03	4.4	2.619	
505	7/7/2009 17:16	17.05	48.722	31.86		8.03	4.5	2.558	
506	7/7/2009 17:31	17.13	48.714	31.86		8.14	3.8	2.533	
507	7/7/2009 17:46	17.31	48.774	31.9		8.03	4.5	2.49	
508	7/7/2009 18:01	17.42	48.677	31.83		8.03	3.2	2.455	
509	7/7/2009 18:16	17.58	48.714	31.86		8.14	3.1	2.428	
510	7/7/2009 18:31	17.66	48.683	31.84		8.03	2.6	2.445	
511	7/7/2009 18:46	17.52	48.776	31.91		8.04	2.7	2.446	
512	7/7/2009 19:01	17.41	48.736	31.88		8.14	2.9	2.45	
513	7/7/2009 19:16	17.74	48.868	31.98		8.14	2	2.486	
514	7/7/2009 19:31	17.8	48.794	31.92		8.14	2.7	2.528	
515	7/7/2009 19:46	17.84	48.837	31.95		8.04	3.1	2.578	
516	7/7/2009 20:01	17.69	48.741	31.88		8.03	3.5	2.631	
517	7/7/2009 20:16	17.86	48.727	31.87		8.02	4.6	2.688	
518	7/7/2009 20:31	17.6	48.787	31.92		8.02	4.7	2.759	
519	7/7/2009 20:46	17.29	48.729	31.87		8.02	4.7	2.825	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
520	7/7/2009 21:01	17.06	48.724	31.87		8.01	5.7	2.884	
521	7/7/2009 21:16	16.41	48.509	31.7		8	5.3	2.96	
522	7/7/2009 21:31	15.74	48.58	31.74		7.99	5.1	3.036	
523	7/7/2009 21:46	15.27	48.685	31.81		7.98	5.2	3.104	
524	7/7/2009 22:01	14.77	48.666	31.78		7.97	5.2	3.172	
525	7/7/2009 22:16	14.61	48.72	31.82		7.97	4.4	3.247	
526	7/7/2009 22:31	14.27	48.711	31.8		7.96	5.7	3.33	
527	7/7/2009 22:46	13.7	48.775	31.83		8.09	6	3.4	
528	7/7/2009 23:01	13.54	48.822	31.86		8.09	5.9	3.463	
529	7/7/2009 23:16	13.43	48.796	31.84		8.09	5.9	3.536	
530	7/7/2009 23:31	13.22	48.823	31.85		8.09	5.2	3.6	
531	7/7/2009 23:46	12.96	48.842	31.86		8.08	4.3	3.65	
532	7/8/2009 00:01	12.85	48.739	31.78		7.92	2.5	3.683	
533	7/8/2009 00:16	12.77	48.571	31.65		7.91	2.2	3.719	
534	7/8/2009 00:31	12.75	48.851	31.85		8.06	1.2	3.739	
535	7/8/2009 00:46	12.94	48.857	31.87		7.9	2.9	3.727	
536	7/8/2009 01:01	12.83	48.815	31.83		8.05	4.2	3.694	
537	7/8/2009 01:16	12.88	48.827	31.84		8.06	3.3	3.66	
538	7/8/2009 01:31	13.79	48.775	31.84		8.08	3.6	3.607	
539	7/8/2009 01:46	13.71	48.656	31.75		7.92	3.7	3.532	
540	7/8/2009 02:01	14.3	48.618	31.74		7.93	6.1	3.439	
541	7/8/2009 02:16	14.66	48.535	31.69		7.94	5.7	3.345	
542	7/8/2009 02:31	15.03	48.48	31.66		7.94	4.9	3.257	
543	7/8/2009 02:46	15.42	48.7	31.82		7.95	4.9	3.142	
544	7/8/2009 03:01	15.65	48.713	31.84		8.09	6.3	3.038	
545	7/8/2009 03:16	15.74	48.741	31.86		7.96	5.3	2.94	
546	7/8/2009 03:31	16.21	48.634	31.79		7.96	6.8	2.82	
547	7/8/2009 03:46	16.68	48.787	31.91		7.96	6.6	2.713	
548	7/8/2009 04:01	16.88	48.783	31.91		7.98	6.8	2.592	
549	7/8/2009 04:16	16.75	48.751	31.88		7.98	6.7	2.46	
550	7/8/2009 04:31	16.49	48.821	31.93		7.97	6.8	2.341	
551	7/8/2009 04:46	16.45	48.751	31.88		7.97	7.8	2.206	
552	7/8/2009 05:01	16.43	48.716	31.85		7.96	9.7	2.068	
553	7/8/2009 05:16	16.47	48.83	31.94		7.96	7.8	1.929	
554	7/8/2009 05:31	16.75	48.865	31.97		7.96	7.9	1.803	
555	7/8/2009 05:46	16.8	48.758	31.89		7.95	7.3	1.674	
556	7/8/2009 06:01	17	48.814	31.93		7.96	7.7	1.54	
557	7/8/2009 06:16	17.12	48.883	31.98		7.96	6.8	1.447	
558	7/8/2009 06:31	17.33	48.942	32.03		8.07	6	1.359	
559	7/8/2009 06:46	17.31	48.789	31.92		7.95	12.3	1.29	
560	7/8/2009 07:01	17.47	48.902	32		7.95	8.4	1.232	
561	7/8/2009 07:16	17.68	48.851	31.96		7.96	4.8	1.23	
562	7/8/2009 07:31	17.37	48.953	32.04		8.07	5.1	1.257	
563	7/8/2009 07:46	17.51	48.907	32		8.07	4	1.271	
564	7/8/2009 08:01	17.5	48.921	32.01		7.96	4	1.324	
565	7/8/2009 08:16	17.56	48.961	32.04		7.97	7.5	1.386	
566	7/8/2009 08:31	17.74	48.917	32.01		7.97	4.8	1.459	
567	7/8/2009 08:46	17.74	48.901	32		7.98	5.2	1.517	
568	7/8/2009 09:01	17.69	48.865	31.97		7.97	5.3	1.586	
569	7/8/2009 09:16	17.86	48.878	31.98		7.93	7.5	1.668	
570	7/8/2009 09:31	17.81	48.812	31.94		7.93	7.8	1.745	
571	7/8/2009 09:46	17.73	48.872	31.98		7.94	6.3	1.823	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
572	7/8/2009 10:01	17.52	48.752	31.89		7.95	6.3	1.902	
573	7/8/2009 10:16	17.46	48.733	31.88		7.95	6.8	2.005	
574	7/8/2009 10:31	17.38	48.898	32		7.96	7	2.105	
575	7/8/2009 10:46	17.29	48.777	31.91		7.96	6.8	2.192	
576	7/8/2009 11:01	17.09	48.832	31.94		7.96	5.5	2.286	
577	7/8/2009 11:16	17	48.806	31.92		7.96	6.5	2.391	
578	7/8/2009 11:31	16.91	48.834	31.94		7.96	5.7	2.483	
579	7/8/2009 11:46	16.8	48.789	31.91		7.97	6.3	2.569	
580	7/8/2009 12:01	16.74	48.841	31.95		7.97	6.9	2.655	
581	7/8/2009 12:16	16.6	48.797	31.91		7.97	6.2	2.731	
582	7/8/2009 12:31	16.4	48.732	31.86		7.97	6.9	2.809	
583	7/8/2009 12:46	16.21	48.808	31.92		8.1	6.4	2.88	
584	7/8/2009 13:01	15.91	48.59	31.75		7.97	7.6	2.944	
585	7/8/2009 13:16	15.69	48.701	31.83		7.97	6.2	3.004	
586	7/8/2009 13:31	15.26	48.719	31.83		7.97	6.5	3.06	
587	7/8/2009 13:46	14.83	48.631	31.76		7.96	5.6	3.115	
588	7/8/2009 14:01	14.5	48.817	31.89		8.1	5.1	3.153	
589	7/8/2009 14:16	14.3	48.768	31.85		8.1	2.9	3.188	
590	7/8/2009 14:31	14.25	48.787	31.86		8.1	1.6	3.201	
591	7/8/2009 14:46	14.49	48.758	31.84		8.1	2.3	3.217	
592	7/8/2009 15:01	14.33	48.69	31.79		7.94	2.7	3.205	
593	7/8/2009 15:16	14.44	48.76	31.84		7.94	4.7	3.168	
594	7/8/2009 15:31	14.67	48.71	31.81		8.1	5.4	3.129	
595	7/8/2009 15:46	15.56	48.686	31.82		7.98	5.2	3.071	
596	7/8/2009 16:01	16.15	48.618	31.78		8	5.4	3.006	
597	7/8/2009 16:16	16.56	48.649	31.8		8.01	5.7	2.944	
598	7/8/2009 16:31	16.69	48.687	31.83		8.01	6.5	2.85	
599	7/8/2009 16:46	16.71	48.54	31.73		8.01	6.4	2.794	
600	7/8/2009 17:01	16.81	48.754	31.88		8.01	5.2	2.731	
601	7/8/2009 17:16	17.02	48.671	31.83		8.02	4.2	2.668	
602	7/8/2009 17:31	17.21	48.552	31.74		8.03	4.5	2.602	
603	7/8/2009 17:46	17.37	48.731	31.87		8.04	4.9	2.54	
604	7/8/2009 18:01	17.44	48.79	31.92		8.04	3.3	2.513	
605	7/8/2009 18:16	17.77	48.79	31.92		8.05	4.1	2.461	
606	7/8/2009 18:31	17.89	48.814	31.94		8.16	3.4	2.422	
607	7/8/2009 18:46	17.98	48.82	31.94		8.05	3.1	2.402	
608	7/8/2009 19:01	18.1	48.791	31.92		8.06	2.5	2.399	
609	7/8/2009 19:16	17.99	48.808	31.93		8.05	2.6	2.384	
610	7/8/2009 19:31	17.98	48.808	31.93		8.05	2.7	2.386	
611	7/8/2009 19:46	18.25	48.825	31.95		8.06	2.4	2.419	
612	7/8/2009 20:01	18.2	48.798	31.93		8.05	2.6	2.452	
613	7/8/2009 20:16	18.28	48.897	32		8.05	2.5	2.492	
614	7/8/2009 20:31	18.25	48.867	31.98		8.05	3.1	2.532	
615	7/8/2009 20:46	18.01	48.869	31.98		8.04	4.8	2.594	
616	7/8/2009 21:01	18.23	48.866	31.98		8.14	5.7	2.666	
617	7/8/2009 21:16	18	48.865	31.98		8.03	5.6	2.734	
618	7/8/2009 21:31	17.72	48.787	31.92		8.03	5.1	2.793	
619	7/8/2009 21:46	17.3	48.722	31.87		8.01	4.8	2.863	
620	7/8/2009 22:01	16.64	48.796	31.91		8	5	2.946	
621	7/8/2009 22:16	16.04	48.557	31.73		7.99	5.4	3.004	
622	7/8/2009 22:31	15.4	48.819	31.91		8.11	5.1	3.07	
623	7/8/2009 22:46	15.07	48.793	31.88		8.1	4.4	3.144	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
624	7/8/2009 23:01	14.82	48.773	31.86		7.94	4.9	3.223	
625	7/8/2009 23:16	14.45	48.838	31.9		8.09	6.2	3.294	
626	7/8/2009 23:31	14.02	48.798	31.86		7.92	6	3.353	
627	7/8/2009 23:46	13.69	48.821	31.87		8.06	5.7	3.436	
628	7/9/2009 00:01	13.38	48.877	31.9		8.05	5.6	3.495	
629	7/9/2009 00:16	13.22	48.893	31.9		8.05	4.5	3.547	
630	7/9/2009 00:31	12.96	48.918	31.91		8.04	3	3.592	
631	7/9/2009 00:46	12.85	48.804	31.82		7.87	2.3	3.635	
632	7/9/2009 01:01	12.84	48.908	31.9		8.02	2.2	3.658	
633	7/9/2009 01:16	13.27	48.842	31.87		8.04	3.1	3.657	
634	7/9/2009 01:31	12.97	48.931	31.92		8.01	2.9	3.646	
635	7/9/2009 01:46	12.88	48.842	31.85		7.86	3.6	3.619	
636	7/9/2009 02:01	13.03	48.819	31.84		7.86	4.3	3.572	
637	7/9/2009 02:16	13.53	48.866	31.89		8.04	3.8	3.504	
638	7/9/2009 02:31	13.9	48.839	31.89		8.05	5.5	3.421	
639	7/9/2009 02:46	14.26	48.756	31.84		7.9	5.5	3.347	
640	7/9/2009 03:01	14.82	48.732	31.83		7.91	6.5	3.246	
641	7/9/2009 03:16	15.31	48.822	31.91		7.93	8	3.141	
642	7/9/2009 03:31	15.68	48.831	31.92		7.94	8	3.048	
643	7/9/2009 03:46	16.03	48.884	31.97		7.94	6.5	2.942	
644	7/9/2009 04:01	16.3	48.85	31.95		8.08	6.2	2.841	
645	7/9/2009 04:16	16.59	48.833	31.94		8.09	7	2.718	
646	7/9/2009 04:31	16.23	48.782	31.9		7.95	6	2.605	
647	7/9/2009 04:46	16.13	48.906	31.99		7.95	6	2.497	
648	7/9/2009 05:01	16.01	48.846	31.94		7.93	7.2	2.36	
649	7/9/2009 05:16	15.69	48.884	31.96		8.06	7.9	2.224	
650	7/9/2009 05:31	16.25	48.736	31.86		7.94	7.6	2.095	
651	7/9/2009 05:46	16.21	48.589	31.76		7.93	7.9	1.987	
652	7/9/2009 06:01	16.45	48.845	31.95		8.07	7.5	1.82	
653	7/9/2009 06:16	16.72	48.896	31.99		7.94	7.9	1.711	
654	7/9/2009 06:31	17.1	48.939	32.02		7.95	7.8	1.607	
655	7/9/2009 06:46	17.22	48.975	32.05		8.07	8.7	1.491	
656	7/9/2009 07:01	17.49	48.908	32		7.96	6.9	1.405	
657	7/9/2009 07:16	17.57	48.926	32.02		7.96	6.3	1.326	
658	7/9/2009 07:31	17.63	48.84	31.95		7.96	4.8	1.295	
659	7/9/2009 07:46	17.7	48.877	31.98		7.96	4.2	1.275	
660	7/9/2009 08:01	17.52	49.01	32.08		8.08	4.2	1.258	
661	7/9/2009 08:16	17.81	48.999	32.07		8.09	3.8	1.299	
662	7/9/2009 08:31	17.77	49.032	32.1		8.09	4.5	1.365	
663	7/9/2009 08:46	17.84	48.995	32.07		7.97	4.2	1.393	
664	7/9/2009 09:01	18.03	49.024	32.09		7.98	4.6	1.461	
665	7/9/2009 09:16	18	49.029	32.1		7.98	4.5	1.549	
666	7/9/2009 09:31	18	49.043	32.11		7.98	5.4	1.613	
667	7/9/2009 09:46	18.17	48.996	32.07		7.94	7.4	1.675	
668	7/9/2009 10:01	18.14	48.984	32.06		7.93	7.8	1.756	
669	7/9/2009 10:16	17.99	48.946	32.03		7.95	6.8	1.854	
670	7/9/2009 10:31	17.89	48.987	32.06		7.95	7.4	1.936	
671	7/9/2009 10:46	17.78	48.921	32.01		7.95	7	2.003	
672	7/9/2009 11:01	17.72	48.955	32.04		7.95	7.1	2.109	
673	7/9/2009 11:16	17.62	48.857	31.97		7.95	7.4	2.211	
674	7/9/2009 11:31	17.39	48.919	32.01		7.95	8.1	2.298	
675	7/9/2009 11:46	17.15	48.917	32.01		8.08	7.8	2.385	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
676	7/9/2009 12:01	17.03	48.875	31.98		7.95	7.9	2.479	
677	7/9/2009 12:16	16.95	48.911	32		8.09	6.8	2.571	
678	7/9/2009 12:31	16.82	48.855	31.96		7.96	7.8	2.65	
679	7/9/2009 12:46	16.67	48.904	31.99		7.96	6.5	2.723	
680	7/9/2009 13:01	16.49	48.822	31.93		8.1	6.7	2.799	
681	7/9/2009 13:16	16.22	48.797	31.91		7.95	6.3	2.871	
682	7/9/2009 13:31	15.86	48.671	31.81		7.95	7	2.942	
683	7/9/2009 13:46	15.64	48.801	31.9		7.95	7	2.994	
684	7/9/2009 14:01	15.32	48.798	31.89		7.95	6	3.054	
685	7/9/2009 14:16	14.88	48.805	31.89		7.93	6.3	3.109	
686	7/9/2009 14:31	14.57	48.804	31.88		7.92	4.5	3.148	
687	7/9/2009 14:46	14.4	48.838	31.9		8.07	4	3.178	
688	7/9/2009 15:01	14.26	48.847	31.9		7.91	2	3.2	
689	7/9/2009 15:16	14.35	48.742	31.83		8.07	2.1	3.217	
690	7/9/2009 15:31	14.29	48.841	31.9		8.06	3	3.201	
691	7/9/2009 15:46	14.37	48.841	31.9		8.07	4.9	3.163	
692	7/9/2009 16:01	14.64	48.794	31.87		8.07	6.9	3.117	
693	7/9/2009 16:16	15.39	48.602	31.75		7.95	7.4	3.066	
694	7/9/2009 16:31	15.88	48.732	31.86		7.97	8.2	2.984	
695	7/9/2009 16:46	16.04	48.816	31.92		8.12	7.3	2.917	
696	7/9/2009 17:01	16.01	48.664	31.81		7.99	7.5	2.837	
697	7/9/2009 17:16	16.03	48.825	31.93		8.14	6.3	2.76	
698	7/9/2009 17:31	16.16	48.555	31.73		8	5.8	2.697	
699	7/9/2009 17:46	16.19	48.618	31.78		8	4.9	2.633	
700	7/9/2009 18:01	16.61	48.849	31.95		8.01	6	2.558	
701	7/9/2009 18:16	16.82	48.734	31.87		8.01	5.3	2.503	
702	7/9/2009 18:31	17.14	48.925	32.01		8.02	4.5	2.461	
703	7/9/2009 18:46	17.32	48.846	31.96		8.01	4.5	2.413	
704	7/9/2009 19:01	17.28	48.935	32.02		8.02	4.3	2.361	
705	7/9/2009 19:16	17.36	48.948	32.03		8.15	3.4	2.349	
706	7/9/2009 19:31	17.5	48.933	32.02		8.15	3.5	2.323	
707	7/9/2009 19:46	17.64	48.894	31.99		8.01	2.6	2.307	
708	7/9/2009 20:01	17.65	48.868	31.98		8.01	2.1	2.315	
709	7/9/2009 20:16	17.85	48.916	32.01		8.02	2.3	2.336	
710	7/9/2009 20:31	17.82	49.027	32.09		8.15	2.7	2.366	
711	7/9/2009 20:46	17.74	48.92	32.01		8.02	3.5	2.391	
712	7/9/2009 21:01	17.73	48.917	32.01		8.02	4.1	2.445	
713	7/9/2009 21:16	17.67	48.953	32.04		8.01	5.9	2.506	
714	7/9/2009 21:31	17.59	48.898	32		8	7.6	2.571	
715	7/9/2009 21:46	17.66	48.725	31.87		7.99	7.4	2.631	
716	7/9/2009 22:01	17.37	48.864	31.97		7.99	7.5	2.702	
717	7/9/2009 22:16	17.16	48.842	31.95		7.99	7.1	2.767	
718	7/9/2009 22:31	16.84	48.767	31.89		7.98	7.9	2.828	
719	7/9/2009 22:46	16.51	48.743	31.87		7.98	6.5	2.902	
720	7/9/2009 23:01	15.88	48.88	31.96		8.11	5.4	2.957	
721	7/9/2009 23:16	15.42	48.761	31.87		7.94	4.9	3.032	
722	7/9/2009 23:31	15.19	48.712	31.83		7.94	4.8	3.099	
723	7/9/2009 23:46	14.97	48.871	31.94		8.09	5.4	3.159	
724	7/10/2009 00:01	14.64	48.873	31.93		7.92	5.4	3.231	
725	7/10/2009 00:16	14.06	48.772	31.84		7.9	6	3.298	
726	7/10/2009 00:31	13.83	48.91	31.94		8.05	6.3	3.358	
727	7/10/2009 00:46	13.62	48.814	31.86		7.89	5.7	3.405	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
728	7/10/2009 01:01	13.53	48.879	31.9		8.04	5	3.462	
729	7/10/2009 01:16	13.24	48.921	31.92		8.03	3.3	3.513	
730	7/10/2009 01:31	13.21	48.832	31.86		8.03	2.4	3.531	
731	7/10/2009 01:46	13.09	48.826	31.85		7.86	1.3	3.548	
732	7/10/2009 02:01	13.28	48.914	31.92		7.85	2.4	3.558	
733	7/10/2009 02:16	13.08	48.872	31.88		7.85	2.5	3.536	
734	7/10/2009 02:31	13.17	48.875	31.89		7.85	3.4	3.499	
735	7/10/2009 02:46	13.41	48.939	31.94		8.02	4.2	3.438	
736	7/10/2009 03:01	14.05	48.858	31.9		8.03	6.2	3.374	
737	7/10/2009 03:16	14.69	48.9	31.95		8.05	7.6	3.289	
738	7/10/2009 03:31	14.9	48.893	31.95		7.89	7.7	3.201	
739	7/10/2009 03:46	15.19	48.891	31.96		7.9	7.8	3.095	
740	7/10/2009 04:01	15.67	48.921	31.99		8.05	7	3	
741	7/10/2009 04:16	15.93	48.806	31.91		8.05	5.5	2.908	
742	7/10/2009 04:31	16.21	48.743	31.87		7.91	5.9	2.806	
743	7/10/2009 04:46	16.61	48.943	32.02		7.91	6.2	2.689	
744	7/10/2009 05:01	16.56	48.983	32.05		7.92	6.3	2.586	
745	7/10/2009 05:16	16.76	48.934	32.02		8.07	6.9	2.474	
746	7/10/2009 05:31	16.44	48.825	31.93		7.92	6.4	2.363	
747	7/10/2009 05:46	16.42	48.811	31.92		7.92	8.5	2.23	
748	7/10/2009 06:01	16.24	48.954	32.02		7.91	8.1	2.111	
749	7/10/2009 06:16	16.39	48.971	32.04		7.91	9	1.989	
750	7/10/2009 06:31	16.5	48.954	32.03		7.91	8.5	1.852	
751	7/10/2009 06:46	16.64	48.934	32.01		8.05	14.8	1.736	
752	7/10/2009 07:01	16.79	48.991	32.06		8.05	11.4	1.632	
753	7/10/2009 07:16	17	48.961	32.04		8.05	9.8	1.523	
754	7/10/2009 07:31	17.15	48.948	32.03		7.92	8.7	1.442	
755	7/10/2009 07:46	17.17	49.052	32.11		7.92	10.3	1.372	
756	7/10/2009 08:01	17.29	49.082	32.13		8.05	7.5	1.33	
757	7/10/2009 08:16	17.38	48.949	32.03		7.92	5.8	1.322	
758	7/10/2009 08:31	17.24	49.062	32.11		8.05	4.9	1.318	
759	7/10/2009 08:46	17.31	49.09	32.14		7.92	4.8	1.342	
760	7/10/2009 09:01	17.39	49.108	32.15		8.06	4.3	1.393	
761	7/10/2009 09:16	17.41	49.129	32.16		8.06	4.6	1.46	
762	7/10/2009 09:31	17.51	49.017	32.08		7.94	4.6	1.517	
763	7/10/2009 09:46	17.47	49.048	32.11		7.94	4.7	1.575	
764	7/10/2009 10:01	17.43	48.988	32.06		7.94	5.9	1.658	
765	7/10/2009 10:16	17.53	48.967	32.05		7.89	8.9	1.721	
766	7/10/2009 10:31	17.55	48.908	32		7.88	11	1.796	
767	7/10/2009 10:46	17.45	48.961	32.04		7.91	8.5	1.872	
768	7/10/2009 11:01	17.36	48.931	32.02		7.91	7.9	1.967	
769	7/10/2009 11:16	17.35	49.001	32.07		7.91	8.4	2.063	
770	7/10/2009 11:31	17.35	49.002	32.07		7.91	7.6	2.141	
771	7/10/2009 11:46	17.25	49.035	32.09		8.05	8.4	2.233	
772	7/10/2009 12:01	17.15	48.853	31.96		7.92	8.9	2.34	
773	7/10/2009 12:16	17.02	49.007	32.07		8.06	8.7	2.426	
774	7/10/2009 12:31	16.86	48.947	32.03		8.07	9	2.511	
775	7/10/2009 12:46	16.67	48.944	32.02		8.07	8.1	2.6	
776	7/10/2009 13:01	16.55	48.895	31.98		8.08	8.1	2.678	
777	7/10/2009 13:16	16.42	48.818	31.93		7.93	7.4	2.763	
778	7/10/2009 13:31	16.24	48.887	31.97		8.08	9.1	2.836	
779	7/10/2009 13:46	15.97	48.84	31.94		7.92	7.3	2.897	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
780	7/10/2009 14:01	15.69	48.815	31.91		7.93	9	2.971	
781	7/10/2009 14:16	15.36	48.806	31.9		7.93	7.3	3.032	
782	7/10/2009 14:31	15.2	48.755	31.86		7.93	7.8	3.089	
783	7/10/2009 14:46	14.8	48.9	31.96		8.07	6.5	3.134	
784	7/10/2009 15:01	14.49	48.804	31.88		8.06	5.3	3.181	
785	7/10/2009 15:16	14.3	48.755	31.84		7.91	3.4	3.216	
786	7/10/2009 15:31	14.22	48.859	31.91		8.05	3.4	3.241	
787	7/10/2009 15:46	14.48	48.895	31.94		8.05	3.5	3.236	
788	7/10/2009 16:01	14.2	48.89	31.93		8.04	3	3.231	
789	7/10/2009 16:16	14.29	48.693	31.79		7.89	4.2	3.21	
790	7/10/2009 16:31	14.42	48.759	31.84		7.89	9.3	3.143	
791	7/10/2009 16:46	15.01	48.837	31.91		8.08	7	3.084	
792	7/10/2009 17:01	15.56	48.838	31.93		7.94	7.8	3.02	
793	7/10/2009 17:16	15.94	48.889	31.97		8.1	7.2	2.939	
794	7/10/2009 17:31	16.19	48.879	31.97		8.12	7.7	2.858	
795	7/10/2009 17:46	16.16	48.884	31.97		8.12	6	2.79	
796	7/10/2009 18:01	16.12	48.928	32		8.13	5.4	2.705	
797	7/10/2009 18:16	16.11	48.949	32.02		8.14	4.3	2.643	
798	7/10/2009 18:31	16.68	48.915	32		8.13	5.4	2.572	
799	7/10/2009 18:46	16.8	48.915	32		8.13	5.2	2.505	
800	7/10/2009 19:01	16.93	48.94	32.02		7.99	5.3	2.454	
801	7/10/2009 19:16	16.97	48.96	32.04		7.99	4.5	2.399	
802	7/10/2009 19:31	17.05	48.717	31.86		7.99	4.2	2.351	
803	7/10/2009 19:46	17.15	48.975	32.05		7.99	3.4	2.311	
804	7/10/2009 20:01	17.21	48.995	32.06		8.13	3.4	2.282	
805	7/10/2009 20:16	17.41	49	32.07		8.13	3.2	2.277	
806	7/10/2009 20:31	17.46	49	32.07		7.99	2.7	2.255	
807	7/10/2009 20:46	17.31	48.961	32.04		7.99	2.6	2.264	
808	7/10/2009 21:01	17.52	48.993	32.07		8.13	2.6	2.294	
809	7/10/2009 21:16	17.51	49.049	32.11		8.12	2.8	2.318	
810	7/10/2009 21:31	17.5	49.031	32.09		8.12	3.1	2.359	
811	7/10/2009 21:46	17.46	49.013	32.08		8.12	3.8	2.405	
812	7/10/2009 22:01	17.4	49.003	32.07		8.11	5.8	2.47	
813	7/10/2009 22:16	17.42	49.009	32.08		8.1	6.3	2.528	
814	7/10/2009 22:31	17.41	48.958	32.04		7.96	7	2.586	
815	7/10/2009 22:46	17.17	48.945	32.03		7.96	7.3	2.66	
816	7/10/2009 23:01	16.96	48.828	31.94		7.96	6.7	2.71	
817	7/10/2009 23:16	16.75	48.944	32.02		7.96	7.1	2.779	
818	7/10/2009 23:31	16.41	48.808	31.92		7.95	6.8	2.831	
819	7/10/2009 23:46	15.91	48.928	32		8.08	5	2.902	
820	7/11/2009 00:01	15.55	48.871	31.95		8.07	5.2	2.963	
821	7/11/2009 00:16	15.38	48.705	31.83		7.92	4.4	3.019	
822	7/11/2009 00:31	15.16	48.803	31.89		7.92	3.9	3.082	
823	7/11/2009 00:46	14.86	48.845	31.92		8.06	5.1	3.135	
824	7/11/2009 01:01	14.55	48.911	31.96		8.05	5.4	3.199	
825	7/11/2009 01:16	14.14	48.752	31.83		8.03	5.8	3.248	
826	7/11/2009 01:31	13.94	48.893	31.93		8.02	5.3	3.299	
827	7/11/2009 01:46	13.66	48.787	31.84		7.86	4.8	3.345	
828	7/11/2009 02:01	13.51	48.91	31.93		8	3.7	3.378	
829	7/11/2009 02:16	13.43	48.817	31.85		7.85	3.4	3.4	
830	7/11/2009 02:31	13.67	48.837	31.88		7.86	3	3.412	
831	7/11/2009 02:46	13.34	48.981	31.97		7.97	1.6	3.415	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
832	7/11/2009 03:01	13.33	48.936	31.94		7.97	5.9	3.391	
833	7/11/2009 03:16	13.35	48.904	31.92		7.98	4	3.348	
834	7/11/2009 03:31	13.59	48.908	31.93		7.99	3.8	3.297	
835	7/11/2009 03:46	14.51	48.865	31.92		8.02	6.5	3.232	
836	7/11/2009 04:01	14.81	48.815	31.89		8.03	6.5	3.151	
837	7/11/2009 04:16	15.05	48.766	31.86		7.88	5.8	3.064	
838	7/11/2009 04:31	15.1	48.805	31.89		7.88	5.4	2.977	
839	7/11/2009 04:46	15.11	48.818	31.9		7.88	4.5	2.885	
840	7/11/2009 05:01	15.33	48.792	31.89		7.88	4.8	2.789	
841	7/11/2009 05:16	15.53	48.864	31.95		7.88	5.1	2.69	
842	7/11/2009 05:31	15.56	48.935	32		7.87	8.2	2.576	
843	7/11/2009 05:46	15.71	48.85	31.94		7.88	5.5	2.48	
844	7/11/2009 06:01	15.82	48.814	31.91		7.88	6.2	2.369	
845	7/11/2009 06:16	15.65	48.897	31.97		7.87	6.8	2.251	
846	7/11/2009 06:31	16	48.988	32.04		8.03	7	2.139	
847	7/11/2009 06:46	16.28	48.915	31.99		7.89	7.1	2.024	
848	7/11/2009 07:01	16.1	49.006	32.06		7.88	7.4	1.91	
849	7/11/2009 07:16	16.3	48.74	31.87		7.88	7.3	1.799	
850	7/11/2009 07:31	16.49	49.008	32.07		7.88	10.3	1.695	
851	7/11/2009 07:46	16.7	48.937	32.02		7.88	9.7	1.611	
852	7/11/2009 08:01	16.86	49.025	32.08		7.89	10.2	1.539	
853	7/11/2009 08:16	16.93	49.004	32.07		7.89	9.3	1.477	
854	7/11/2009 08:31	17.02	48.971	32.05		7.89	6.8	1.431	
855	7/11/2009 08:46	17.03	49.067	32.12		8.03	6	1.432	
856	7/11/2009 09:01	16.98	48.813	31.93		7.89	6.1	1.44	
857	7/11/2009 09:16	17.04	48.994	32.06		7.9	4.3	1.455	
858	7/11/2009 09:31	17.15	48.953	32.03		7.9	4.1	1.491	
859	7/11/2009 09:46	17.26	49.005	32.07		7.9	5.7	1.559	
860	7/11/2009 10:01	17.38	49.119	32.16		7.9	5.1	1.633	
861	7/11/2009 10:16	17.38	49.09	32.14		8.04	5.3	1.67	
862	7/11/2009 10:31	17.33	48.985	32.06		7.9	6.1	1.752	
863	7/11/2009 10:46	17.46	48.957	32.04		7.87	8.6	1.828	
864	7/11/2009 11:01	17.43	48.928	32.02		7.86	10.4	1.904	
865	7/11/2009 11:16	17.27	49.042	32.1		8.02	9	1.978	
866	7/11/2009 11:31	17.19	49.027	32.09		8.02	7.9	2.047	
867	7/11/2009 11:46	17.14	49.009	32.07		8.02	11.8	2.163	
868	7/11/2009 12:01	17.08	48.819	31.94		7.89	11.7	2.234	
869	7/11/2009 12:16	17	48.98	32.05		7.89	7.6	2.312	
870	7/11/2009 12:31	16.95	49.043	32.1		8.03	7.8	2.406	
871	7/11/2009 12:46	16.79	49.017	32.08		8.03	9.3	2.504	
872	7/11/2009 13:01	16.68	48.887	31.98		7.9	9	2.583	
873	7/11/2009 13:16	16.5	48.946	32.02		7.9	8.4	2.66	
874	7/11/2009 13:31	16.32	48.918	32		7.91	8.6	2.745	
875	7/11/2009 13:46	16.17	48.832	31.93		7.91	9.7	2.822	
876	7/11/2009 14:01	15.92	48.872	31.96		7.9	8.5	2.896	
877	7/11/2009 14:16	15.48	48.894	31.97		8.04	8.9	2.96	
878	7/11/2009 14:31	15.31	48.78	31.88		7.9	8.7	3.038	
879	7/11/2009 14:46	14.98	48.864	31.93		8.04	7.7	3.096	
880	7/11/2009 15:01	14.67	48.832	31.9		8.04	6.2	3.149	
881	7/11/2009 15:16	14.17	48.885	31.93		8.01	8.6	3.203	
882	7/11/2009 15:31	13.78	48.896	31.92		8	5.8	3.249	
883	7/11/2009 15:46	13.52	48.926	31.94		7.99	5	3.276	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
884	7/11/2009 16:01	13.5	48.792	31.84		7.86	2.6	3.28	
885	7/11/2009 16:16	13.55	48.791	31.84		7.84	2.8	3.301	
886	7/11/2009 16:31	13.44	48.92	31.93		7.98	3.5	3.281	
887	7/11/2009 16:46	13.52	48.907	31.92		7.98	6.8	3.237	
888	7/11/2009 17:01	13.81	48.842	31.89		7.99	7.5	3.187	
889	7/11/2009 17:16	14.63	48.794	31.87		8.03	7.9	3.127	
890	7/11/2009 17:31	15.2	48.773	31.87		7.9	9.7	3.064	
891	7/11/2009 17:46	15.59	48.832	31.92		7.91	10	2.979	
892	7/11/2009 18:01	15.67	48.895	31.97		8.06	7	2.897	
893	7/11/2009 18:16	15.73	48.827	31.92		7.92	6.5	2.834	
894	7/11/2009 18:31	15.79	48.873	31.96		7.93	6	2.753	
895	7/11/2009 18:46	16.24	48.833	31.93		7.94	6.7	2.69	
896	7/11/2009 19:01	16.41	48.954	32.03		7.94	7.7	2.61	
897	7/11/2009 19:16	16.36	48.986	32.05		8.08	5.4	2.553	
898	7/11/2009 19:31	16.58	48.962	32.03		7.95	5.3	2.495	
899	7/11/2009 19:46	16.69	48.96	32.03		7.95	4.9	2.416	
900	7/11/2009 20:01	16.63	48.885	31.98		7.95	4.6	2.38	
901	7/11/2009 20:16	16.81	49.022	32.08		7.95	4.8	2.317	
902	7/11/2009 20:31	16.75	48.959	32.03		8.08	4.4	2.293	
903	7/11/2009 20:46	16.96	48.966	32.04		7.94	3.9	2.252	
904	7/11/2009 21:01	17.02	48.888	31.98		7.94	3.9	2.231	
905	7/11/2009 21:16	17.15	48.983	32.05		7.94	2.7	2.245	
906	7/11/2009 21:31	17.04	48.891	31.99		7.94	3.1	2.229	
907	7/11/2009 21:46	17.25	48.924	32.01		7.94	2.6	2.253	
908	7/11/2009 22:01	17.35	48.999	32.07		7.94	3.2	2.286	
909	7/11/2009 22:16	17.27	49.05	32.11		8.08	4.2	2.327	
910	7/11/2009 22:31	17.28	49.059	32.11		8.07	4.6	2.366	
911	7/11/2009 22:46	17.22	49.046	32.1		8.07	5.9	2.42	
912	7/11/2009 23:01	17.11	48.856	31.96		7.93	7.5	2.489	
913	7/11/2009 23:16	17.18	48.839	31.95		7.91	6.5	2.532	
914	7/11/2009 23:31	17.05	48.795	31.92		7.91	8	2.593	
915	7/11/2009 23:46	16.86	48.949	32.03		7.91	7.8	2.645	
916	7/12/2009 00:01	16.69	48.869	31.97		7.91	7.7	2.709	
917	7/12/2009 00:16	16.5	48.914	32		7.91	8.1	2.763	
918	7/12/2009 00:31	16.14	48.857	31.95		7.9	7	2.811	
919	7/12/2009 00:46	15.63	48.948	32.01		8.03	5.9	2.875	
920	7/12/2009 01:01	15.33	48.874	31.95		7.88	5	2.924	
921	7/12/2009 01:16	15.15	48.879	31.95		8.02	5.4	2.984	
922	7/12/2009 01:31	14.92	48.64	31.77		7.87	4.6	3.032	
923	7/12/2009 01:46	14.72	48.867	31.93		7.87	4.6	3.085	
924	7/12/2009 02:01	14.57	48.925	31.97		8	4.2	3.129	
925	7/12/2009 02:16	14.33	48.793	31.87		7.99	3.8	3.178	
926	7/12/2009 02:31	14.07	48.878	31.92		7.99	4.7	3.221	
927	7/12/2009 02:46	13.93	48.854	31.9		7.84	2.6	3.236	
928	7/12/2009 03:01	13.72	48.882	31.91		7.97	2.6	3.268	
929	7/12/2009 03:16	13.74	48.878	31.91		7.98	2.4	3.279	
930	7/12/2009 03:31	13.77	48.986	31.99		7.95	3.2	3.267	
931	7/12/2009 03:46	13.74	48.813	31.86		7.82	3.4	3.247	
932	7/12/2009 04:01	13.83	48.825	31.87		7.96	3.5	3.206	
933	7/12/2009 04:16	14.12	48.762	31.84		7.83	3.4	3.166	
934	7/12/2009 04:31	14.66	48.779	31.86		7.85	4.7	3.096	
935	7/12/2009 04:46	14.97	48.798	31.88		7.85	7.1	3.01	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
936	7/12/2009 05:01	15.14	48.892	31.96		7.85	7.1	2.932	
937	7/12/2009 05:16	15.19	48.79	31.88		7.85	5.2	2.858	
938	7/12/2009 05:31	14.97	48.907	31.96		7.84	5.1	2.771	
939	7/12/2009 05:46	15.04	48.747	31.85		7.84	4.6	2.672	
940	7/12/2009 06:01	15.43	48.96	32.01		7.98	6.2	2.584	
941	7/12/2009 06:16	15.3	48.842	31.92		7.97	6.4	2.491	
942	7/12/2009 06:31	15.47	48.935	32		7.84	6.7	2.394	
943	7/12/2009 06:46	15.49	48.852	31.94		7.84	6.4	2.285	
944	7/12/2009 07:01	15.67	48.926	31.99		7.84	6.5	2.181	
945	7/12/2009 07:16	15.84	48.913	31.99		7.85	6	2.088	
946	7/12/2009 07:31	15.92	48.996	32.05		7.98	5.8	1.998	
947	7/12/2009 07:46	16.09	49.006	32.06		7.99	5.7	1.89	
948	7/12/2009 08:01	16.15	49.006	32.06		7.99	6.3	1.811	
949	7/12/2009 08:16	16.39	48.908	31.99		7.86	6.5	1.755	
950	7/12/2009 08:31	16.54	49.007	32.07		7.86	7.6	1.668	
951	7/12/2009 08:46	16.57	48.961	32.03		8	8.9	1.613	
952	7/12/2009 09:01	16.68	48.987	32.05		7.86	7	1.596	
953	7/12/2009 09:16	16.85	49.035	32.09		8	4.6	1.57	
954	7/12/2009 09:31	16.66	48.988	32.05		7.86	6	1.581	
955	7/12/2009 09:46	16.87	49.032	32.09		8.01	4.4	1.598	
956	7/12/2009 10:01	16.89	49	32.07		8.01	5.4	1.63	
957	7/12/2009 10:16	16.97	49.064	32.11		8.01	6	1.695	
958	7/12/2009 10:31	17.1	49.088	32.13		8.01	5.9	1.747	
959	7/12/2009 10:46	17.07	48.946	32.03		7.87	6.5	1.81	
960	7/12/2009 11:01	17	49.002	32.07		7.87	7.4	1.875	
961	7/12/2009 11:16	17.07	49.028	32.09		8	8.1	1.949	
962	7/12/2009 11:31	17.07	48.841	31.95		7.85	8.4	2.021	
963	7/12/2009 11:46	17.01	48.97	32.04		7.86	6.3	2.084	
964	7/12/2009 12:01	16.94	48.959	32.04		7.86	6.2	2.161	
965	7/12/2009 12:16	16.91	49.006	32.07		8	6	2.246	
966	7/12/2009 12:31	16.87	48.988	32.06		8	6.1	2.328	
967	7/12/2009 12:46	16.83	48.971	32.04		8	6.7	2.397	
968	7/12/2009 13:01	16.64	48.944	32.02		8	7.1	2.485	
969	7/12/2009 13:16	16.45	48.937	32.01		8	8.4	2.581	
970	7/12/2009 13:31	16.24	48.93	32.01		8.01	7.6	2.648	
971	7/12/2009 13:46	16.16	48.749	31.87		7.87	6.9	2.73	
972	7/12/2009 14:01	16.11	48.788	31.9		7.87	7.6	2.806	
973	7/12/2009 14:16	15.99	48.905	31.98		8.02	8.4	2.88	
974	7/12/2009 14:31	15.8	48.896	31.97		8.02	8.6	2.957	
975	7/12/2009 14:46	15.5	48.706	31.83		7.87	10.6	3.022	
976	7/12/2009 15:01	15.07	48.763	31.86		7.88	10.1	3.094	
977	7/12/2009 15:16	14.93	48.78	31.87		8.02	9	3.15	
978	7/12/2009 15:31	14.61	48.595	31.73		7.88	7.1	3.212	
979	7/12/2009 15:46	14.18	48.83	31.89		7.87	7.1	3.26	
980	7/12/2009 16:01	13.89	48.731	31.81		7.87	6.2	3.302	
981	7/12/2009 16:16	13.6	48.814	31.86		7.99	3.2	3.331	
982	7/12/2009 16:31	13.48	48.833	31.87		7.99	3.6	3.352	
983	7/12/2009 16:46	13.48	48.81	31.85		7.96	2.6	3.357	
984	7/12/2009 17:01	13.56	48.709	31.78		7.98	3.7	3.335	
985	7/12/2009 17:16	13.77	48.736	31.81		7.99	5.4	3.314	
986	7/12/2009 17:31	14.27	48.645	31.76		8	10.6	3.261	
987	7/12/2009 17:46	15.33	48.852	31.93		8.04	12.9	3.203	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
988	7/12/2009 18:01	15.23	48.764	31.87		8.05	13.2	3.127	
989	7/12/2009 18:16	15.2	48.797	31.89		7.91	12.9	3.058	
990	7/12/2009 18:31	15.14	48.744	31.85		8.05	12.8	2.99	
991	7/12/2009 18:46	15.1	48.64	31.77		7.92	13	2.901	
992	7/12/2009 19:01	15.25	48.747	31.85		7.91	11.3	2.827	
993	7/12/2009 19:16	15.57	48.712	31.84		7.92	14.8	2.75	
994	7/12/2009 19:31	15.91	48.711	31.84		7.92	12.6	2.673	
995	7/12/2009 19:46	16.06	48.886	31.97		8.06	10.5	2.611	
996	7/12/2009 20:01	16.42	48.753	31.88		7.93	11.5	2.526	
997	7/12/2009 20:16	16.54	48.98	32.05		8.07	10.9	2.468	
998	7/12/2009 20:31	16.64	48.836	31.94		7.93	9.8	2.41	
999	7/12/2009 20:46	16.79	48.932	32.01		7.93	9.5	2.343	
1000	7/12/2009 21:01	16.74	48.989	32.05		7.93	8.2	2.292	
1001	7/12/2009 21:16	16.79	48.939	32.02		7.93	8.4	2.244	
1002	7/12/2009 21:31	17.01	48.968	32.04		8.06	7.2	2.223	
1003	7/12/2009 21:46	17.26	48.896	31.99		7.93	7.4	2.183	
1004	7/12/2009 22:01	17.44	48.938	32.02		7.93	6.9	2.18	
1005	7/12/2009 22:16	17.61	49.018	32.08		7.94	5.9	2.178	
1006	7/12/2009 22:31	17.66	48.966	32.05		7.94	5.8	2.173	
1007	7/12/2009 22:46	17.77	49.044	32.11		7.95	5.8	2.211	
1008	7/12/2009 23:01	17.7	49.033	32.1		7.94	6.5	2.236	
1009	7/12/2009 23:16	17.8	48.969	32.05		7.95	6.8	2.277	
1010	7/12/2009 23:31	17.69	49.055	32.11		7.94	6.5	2.318	
1011	7/12/2009 23:46	17.62	48.993	32.07		8.07	7.2	2.384	
1012	7/13/2009 00:01	17.47	48.848	31.96		7.93	7.3	2.426	
1013	7/13/2009 00:16	17.67	49.01	32.08		7.91	7.8	2.48	
1014	7/13/2009 00:31	17.61	48.959	32.04		8.05	7.1	2.532	
1015	7/13/2009 00:46	17.52	48.905	32		7.91	6.5	2.588	
1016	7/13/2009 01:01	17.39	48.905	32		7.91	6	2.634	
1017	7/13/2009 01:16	17.3	48.978	32.05		8.04	5	2.682	
1018	7/13/2009 01:31	16.94	48.969	32.04		8.04	7.1	2.743	
1019	7/13/2009 01:46	16.54	48.96	32.03		8.03	6.2	2.785	
1020	7/13/2009 02:01	16.36	48.925	32		8.02	6.2	2.824	
1021	7/13/2009 02:16	15.99	48.717	31.85		7.88	5.2	2.886	
1022	7/13/2009 02:31	15.71	48.829	31.92		8.01	4.9	2.931	
1023	7/13/2009 02:46	15.57	48.762	31.87		7.87	4.6	2.963	
1024	7/13/2009 03:01	15.52	48.853	31.94		8.01	4.3	3.002	
1025	7/13/2009 03:16	15.43	48.727	31.84		7.87	4.2	3.044	
1026	7/13/2009 03:31	15.23	48.837	31.92		7.86	3.6	3.072	
1027	7/13/2009 03:46	15.05	48.796	31.89		7.99	3.2	3.082	
1028	7/13/2009 04:01	14.87	48.874	31.94		7.99	5.3	3.107	
1029	7/13/2009 04:16	15.13	48.759	31.86		7.98	3.4	3.103	
1030	7/13/2009 04:31	15	48.761	31.86		7.83	2.4	3.096	
1031	7/13/2009 04:46	14.94	48.748	31.85		7.83	2.2	3.068	
1032	7/13/2009 05:01	15.16	48.539	31.7		7.84	4.2	3.019	
1033	7/13/2009 05:16	15.53	48.673	31.81		7.85	5	2.972	
1034	7/13/2009 05:31	15.83	48.892	31.97		7.85	6.2	2.91	
1035	7/13/2009 05:46	16.05	48.972	32.03		7.96	6.9	2.841	
1036	7/13/2009 06:01	16.15	49.008	32.06		7.97	7.3	2.751	
1037	7/13/2009 06:16	16.2	49.018	32.07		7.98	7.2	2.671	
1038	7/13/2009 06:31	16.27	49.016	32.07		7.98	7.1	2.601	
1039	7/13/2009 06:46	16.32	48.996	32.05		7.84	8.7	2.503	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1040	7/13/2009 07:01	16.54	49.079	32.12		7.99	9.8	2.408	
1041	7/13/2009 07:16	16.37	49.062	32.1		7.98	7.8	2.336	
1042	7/13/2009 07:31	16.27	49.047	32.09		7.98	7	2.259	
1043	7/13/2009 07:46	16.36	49.026	32.08		7.85	6.7	2.155	
1044	7/13/2009 08:01	16.49	49.068	32.11		8	6.7	2.067	
1045	7/13/2009 08:16	16.61	48.999	32.06		7.87	5.9	1.995	
1046	7/13/2009 08:31	16.64	49.013	32.07		7.87	5.4	1.925	
1047	7/13/2009 08:46	16.85	49.038	32.09		8.01	4.9	1.853	
1048	7/13/2009 09:01	16.92	49.024	32.08		7.87	4.9	1.796	
1049	7/13/2009 09:16	17.03	49.071	32.12		8.01	4.8	1.756	
1050	7/13/2009 09:31	17.06	49.037	32.09		7.87	4.6	1.732	
1051	7/13/2009 09:46	17.07	49.037	32.09		8.01	5.1	1.72	
1052	7/13/2009 10:01	17.09	48.857	31.96		7.88	4.1	1.715	
1053	7/13/2009 10:16	17.13	49.07	32.12		8.02	4.3	1.72	
1054	7/13/2009 10:31	17.06	49.018	32.08		7.87	5.1	1.775	
1055	7/13/2009 10:46	17.1	49.009	32.07		7.87	4.6	1.801	
1056	7/13/2009 11:01	17.1	49.045	32.1		7.87	4.7	1.837	
1057	7/13/2009 11:16	17.07	48.888	31.99		7.87	5.5	1.9	
1058	7/13/2009 11:31	17.04	49.08	32.13		8	5.1	1.959	
1059	7/13/2009 11:46	17.03	49.004	32.07		8	5.5	2.022	
1060	7/13/2009 12:01	17.14	49.01	32.07		7.87	5.1	2.091	
1061	7/13/2009 12:16	17.15	49.025	32.09		8	5.3	2.16	
1062	7/13/2009 12:31	17.14	49.04	32.1		7.86	5.5	2.234	
1063	7/13/2009 12:46	17.14	49	32.07		7.99	5.1	2.308	
1064	7/13/2009 13:01	17.13	49.008	32.07		7.87	6.2	2.394	
1065	7/13/2009 13:16	17.07	48.994	32.06		8	6.8	2.465	
1066	7/13/2009 13:31	16.85	48.943	32.02		7.87	7.3	2.536	
1067	7/13/2009 13:46	16.67	48.906	31.99		7.87	7.5	2.626	
1068	7/13/2009 14:01	16.56	48.85	31.95		7.88	6.7	2.703	
1069	7/13/2009 14:16	16.42	48.876	31.97		7.88	6.2	2.77	
1070	7/13/2009 14:31	16.26	48.818	31.92		8.01	7.1	2.846	
1071	7/13/2009 14:46	16.1	48.75	31.87		7.88	7.1	2.921	
1072	7/13/2009 15:01	16.02	48.854	31.95		8.01	8.9	2.985	
1073	7/13/2009 15:16	15.76	48.863	31.95		8.01	9.5	3.059	
1074	7/13/2009 15:31	15.31	48.778	31.88		8.02	9.3	3.12	
1075	7/13/2009 15:46	15.13	48.665	31.79		7.9	9.8	3.189	
1076	7/13/2009 16:01	14.99	48.736	31.84		7.92	8.5	3.239	
1077	7/13/2009 16:16	14.73	48.736	31.83		8.05	7.4	3.29	
1078	7/13/2009 16:31	14.36	48.688	31.79		8.06	5.4	3.335	
1079	7/13/2009 16:46	14.18	48.459	31.62		7.94	3.4	3.367	
1080	7/13/2009 17:01	14.09	48.655	31.76		7.94	2.3	3.392	
1081	7/13/2009 17:16	14.16	48.666	31.77		7.92	3.1	3.398	
1082	7/13/2009 17:31	14.11	48.544	31.68		7.91	2.4	3.378	
1083	7/13/2009 17:46	14.24	48.656	31.76		7.93	4.2	3.349	
1084	7/13/2009 18:01	14.61	48.546	31.69		7.92	5.4	3.302	
1085	7/13/2009 18:16	15.52	48.666	31.8		7.94	10.9	3.255	
1086	7/13/2009 18:31	15.52	48.646	31.79		8.08	9.8	3.182	
1087	7/13/2009 18:46	15.36	48.702	31.82		7.96	12.1	3.109	
1088	7/13/2009 19:01	15.37	48.559	31.72		7.96	9.8	3.031	
1089	7/13/2009 19:16	15.32	48.729	31.84		8.09	10.2	2.942	
1090	7/13/2009 19:31	15.66	48.683	31.82		8.09	10.4	2.873	
1091	7/13/2009 19:46	16.28	48.841	31.94		8.08	11.1	2.787	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1092	7/13/2009 20:01	15.75	48.903	31.98		8.1	8.5	2.712	
1093	7/13/2009 20:16	16.51	48.719	31.86		7.95	9.2	2.639	
1094	7/13/2009 20:31	16.59	48.779	31.9		7.96	9	2.568	
1095	7/13/2009 20:46	16.73	48.837	31.94		7.96	9	2.488	
1096	7/13/2009 21:01	17.01	48.943	32.02		8.09	9.7	2.42	
1097	7/13/2009 21:16	17.15	48.971	32.05		8.09	7.5	2.353	
1098	7/13/2009 21:31	17.21	48.984	32.06		8.08	7.8	2.282	
1099	7/13/2009 21:46	17.45	48.894	31.99		7.96	7.4	2.218	
1100	7/13/2009 22:01	17.42	48.999	32.07		7.95	6.5	2.157	
1101	7/13/2009 22:16	17.68	48.909	32.01		7.94	5.8	2.117	
1102	7/13/2009 22:31	18.21	49.083	32.14		7.96	6.3	2.081	
1103	7/13/2009 22:46	18.31	49.06	32.12		7.95	5.4	2.051	
1104	7/13/2009 23:01	18.43	49.062	32.12		7.96	5.6	2.052	
1105	7/13/2009 23:16	18.47	49.02	32.09		7.94	6	2.042	
1106	7/13/2009 23:31	18.54	49.067	32.12		7.96	5.4	2.056	
1107	7/13/2009 23:46	18.43	49.16	32.19		8.09	7.4	2.083	
1108	7/14/2009 00:01	18.31	48.937	32.03		7.96	7.4	2.108	
1109	7/14/2009 00:16	18.27	49.086	32.14		7.95	7.2	2.145	
1110	7/14/2009 00:31	18.24	48.94	32.03		7.95	8.2	2.191	
1111	7/14/2009 00:46	18.2	49.059	32.12		7.95	7.6	2.238	
1112	7/14/2009 01:01	18.4	49.039	32.1		8.04	8.9	2.286	
1113	7/14/2009 01:16	18.34	49.037	32.1		7.9	8.5	2.328	
1114	7/14/2009 01:31	18.27	49.1	32.15		8.03	8.9	2.38	
1115	7/14/2009 01:46	18.18	49.013	32.08		8.04	8.9	2.429	
1116	7/14/2009 02:01	18.04	49.015	32.09		8.04	8	2.476	
1117	7/14/2009 02:16	17.91	49.011	32.08		7.91	7.6	2.526	
1118	7/14/2009 02:31	17.68	48.977	32.06		7.91	8.6	2.57	
1119	7/14/2009 02:46	17.48	49.006	32.08		8.04	7.9	2.618	
1120	7/14/2009 03:01	17.1	48.926	32.01		8.03	8.1	2.663	
1121	7/14/2009 03:16	16.86	48.888	31.98		7.9	8.1	2.703	
1122	7/14/2009 03:31	16.68	48.867	31.97		7.9	7.6	2.747	
1123	7/14/2009 03:46	16.45	48.814	31.92		7.9	5.5	2.787	
1124	7/14/2009 04:01	16.38	48.822	31.93		7.89	4.3	2.819	
1125	7/14/2009 04:16	16.25	48.776	31.89		7.9	4.3	2.852	
1126	7/14/2009 04:31	16.21	48.824	31.93		8.03	3.7	2.875	
1127	7/14/2009 04:46	16.16	48.812	31.92		8.02	3.4	2.899	
1128	7/14/2009 05:01	16.09	48.683	31.82		7.88	3.4	2.897	
1129	7/14/2009 05:16	16.2	48.707	31.84		7.87	3.1	2.91	
1130	7/14/2009 05:31	16.11	48.828	31.93		8	3.1	2.9	
1131	7/14/2009 05:46	16.16	48.866	31.96		8	3.7	2.875	
1132	7/14/2009 06:01	16.1	48.856	31.95		8	3.7	2.831	
1133	7/14/2009 06:16	16.24	48.829	31.93		8.01	4.2	2.786	
1134	7/14/2009 06:31	16.55	48.712	31.85		7.87	5.2	2.742	
1135	7/14/2009 06:46	16.8	48.803	31.92		7.86	6.3	2.674	
1136	7/14/2009 07:01	16.9	48.901	31.99		7.84	8.4	2.591	
1137	7/14/2009 07:16	17	48.993	32.06		7.98	7.3	2.528	
1138	7/14/2009 07:31	17	48.994	32.06		7.97	7.7	2.469	
1139	7/14/2009 07:46	17.09	48.899	31.99		7.84	9.5	2.383	
1140	7/14/2009 08:01	16.98	48.97	32.04		7.83	6.1	2.308	
1141	7/14/2009 08:16	17.11	48.979	32.05		7.98	6.6	2.251	
1142	7/14/2009 08:31	17.14	48.998	32.07		7.85	5.3	2.186	
1143	7/14/2009 08:46	17.28	49.063	32.11		7.99	5.4	2.116	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1144	7/14/2009 09:01	17.25	48.952	32.03		7.86	5.2	2.039	
1145	7/14/2009 09:16	17.53	49.074	32.13		7.87	4.5	2.012	
1146	7/14/2009 09:31	17.64	49.075	32.13		8	4.2	1.975	
1147	7/14/2009 09:46	17.65	49.096	32.14		8	3.8	1.92	
1148	7/14/2009 10:01	17.72	49.068	32.12		8	3.8	1.896	
1149	7/14/2009 10:16	17.79	49.032	32.1		7.88	3.9	1.886	
1150	7/14/2009 10:31	17.84	49.044	32.11		7.88	4	1.88	
1151	7/14/2009 10:46	17.83	49.003	32.08		7.88	3.7	1.87	
1152	7/14/2009 11:01	17.85	49.105	32.15		7.88	3.8	1.899	
1153	7/14/2009 11:16	17.8	48.959	32.04		7.88	5.1	1.937	
1154	7/14/2009 11:31	17.81	49.077	32.13		7.88	5	1.961	
1155	7/14/2009 11:46	17.83	49.071	32.12		8.01	5.4	2.016	
1156	7/14/2009 12:01	17.82	48.991	32.07		8.01	5.9	2.052	
1157	7/14/2009 12:16	17.81	48.964	32.05		7.88	6.7	2.126	
1158	7/14/2009 12:31	18.07	48.946	32.03		7.86	9.4	2.184	
1159	7/14/2009 12:46	17.93	49.065	32.12		8	7.2	2.227	
1160	7/14/2009 13:01	17.76	48.999	32.07		8	6.3	2.307	
1161	7/14/2009 13:16	17.69	48.981	32.06		8	6.1	2.364	
1162	7/14/2009 13:31	17.54	48.886	31.99		7.87	6.2	2.426	
1163	7/14/2009 13:46	17.28	48.98	32.05		7.86	7	2.502	
1164	7/14/2009 14:01	17.15	48.835	31.95		7.87	7.3	2.572	
1165	7/14/2009 14:16	16.99	48.891	31.99		7.89	8.5	2.642	
1166	7/14/2009 14:31	16.68	48.788	31.91		7.9	7.1	2.713	
1167	7/14/2009 14:46	16.46	48.799	31.91		7.91	7.6	2.792	
1168	7/14/2009 15:01	16.29	48.862	31.96		8.04	7.9	2.865	
1169	7/14/2009 15:16	16.04	48.708	31.84		7.91	8.1	2.938	
1170	7/14/2009 15:31	16.11	48.611	31.77		7.92	7.3	3.004	
1171	7/14/2009 15:46	15.68	48.782	31.89		8.05	8.2	3.08	
1172	7/14/2009 16:01	15.25	48.517	31.69		7.95	9.5	3.153	
1173	7/14/2009 16:16	15.18	48.593	31.74		7.97	7.7	3.206	
1174	7/14/2009 16:31	14.99	48.423	31.61		7.98	6.5	3.27	
1175	7/14/2009 16:46	14.67	48.653	31.77		8.1	6.5	3.331	
1176	7/14/2009 17:01	14.51	48.664	31.78		8.11	6	3.372	
1177	7/14/2009 17:16	14.34	48.603	31.73		8.11	4.2	3.408	
1178	7/14/2009 17:31	14.19	48.6	31.72		8.11	3.8	3.431	
1179	7/14/2009 17:46	14.56	48.405	31.59		7.99	3.2	3.455	
1180	7/14/2009 18:01	14.31	48.724	31.81		8.09	2.6	3.447	
1181	7/14/2009 18:16	14.24	48.631	31.74		7.98	2.4	3.424	
1182	7/14/2009 18:31	14.31	48.588	31.72		7.98	4.9	3.381	
1183	7/14/2009 18:46	15.08	48.475	31.65		8.1	4.9	3.343	
1184	7/14/2009 19:01	15.76	48.56	31.73		7.99	8.4	3.291	
1185	7/14/2009 19:16	15.83	48.598	31.76		8.11	10	3.21	
1186	7/14/2009 19:31	16.41	48.632	31.79		7.99	7.3	3.124	
1187	7/14/2009 19:46	16.48	48.725	31.86		7.99	7.6	3.049	
1188	7/14/2009 20:01	16.6	48.75	31.88		7.99	7.1	2.977	
1189	7/14/2009 20:16	16.47	48.715	31.85		8	6.3	2.896	
1190	7/14/2009 20:31	16.45	48.725	31.86		8	6.5	2.804	
1191	7/14/2009 20:46	16.5	48.733	31.87		8.13	6.5	2.737	
1192	7/14/2009 21:01	16.63	48.75	31.88		8.13	6.3	2.669	
1193	7/14/2009 21:16	16.97	48.859	31.96		8.12	7.6	2.583	
1194	7/14/2009 21:31	16.88	48.777	31.9		7.98	6.9	2.487	
1195	7/14/2009 21:46	17.17	48.834	31.95		8.11	6.6	2.424	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1196	7/14/2009 22:01	17.56	48.791	31.92		7.97	5.4	2.357	
1197	7/14/2009 22:16	17.61	48.913	32.01		7.97	5.9	2.27	
1198	7/14/2009 22:31	17.71	48.954	32.04		7.96	4.6	2.187	
1199	7/14/2009 22:46	18.34	48.962	32.05		7.96	4.3	2.124	
1200	7/14/2009 23:01	18.68	49.031	32.1		8.09	3.8	2.073	
1201	7/14/2009 23:16	18.75	48.973	32.06		8.08	3.4	2.021	
1202	7/14/2009 23:31	18.84	48.978	32.06		7.95	3.3	1.969	
1203	7/14/2009 23:46	18.85	49.025	32.09		7.95	2.9	1.945	
1204	7/15/2009 00:01	19.02	48.996	32.07		7.95	2.6	1.94	
1205	7/15/2009 00:16	19.03	48.955	32.04		7.94	2.8	1.922	
1206	7/15/2009 00:31	19.01	49.006	32.08		7.95	3	1.925	
1207	7/15/2009 00:46	18.96	49.008	32.08		7.95	3.2	1.952	
1208	7/15/2009 01:01	18.92	49.059	32.12		7.94	4.5	1.981	
1209	7/15/2009 01:16	18.83	49.033	32.1		7.94	5.1	2.018	
1210	7/15/2009 01:31	18.82	48.949	32.04		7.94	7.9	2.066	
1211	7/15/2009 01:46	18.74	48.907	32.01		7.94	4.3	2.115	
1212	7/15/2009 02:01	18.87	48.971	32.06		7.91	5.5	2.169	
1213	7/15/2009 02:16	18.98	49.018	32.09		7.89	6	2.216	
1214	7/15/2009 02:31	18.97	48.927	32.02		7.88	7	2.263	
1215	7/15/2009 02:46	18.76	48.889	32		7.9	6.5	2.321	
1216	7/15/2009 03:01	18.62	48.993	32.07		7.91	5.5	2.362	
1217	7/15/2009 03:16	18.49	48.967	32.05		8.05	5.6	2.418	
1218	7/15/2009 03:31	18.33	48.935	32.03		8.05	5.1	2.46	
1219	7/15/2009 03:46	18.02	48.871	31.98		7.91	7	2.503	
1220	7/15/2009 04:01	17.81	48.85	31.96		8.04	7.1	2.553	
1221	7/15/2009 04:16	17.54	48.849	31.96		8.04	7.4	2.593	
1222	7/15/2009 04:31	17.32	48.845	31.96		8.05	7.3	2.64	
1223	7/15/2009 04:46	17.14	48.701	31.85		7.91	4.8	2.665	
1224	7/15/2009 05:01	16.98	48.796	31.92		8.05	4.3	2.712	
1225	7/15/2009 05:16	16.89	48.777	31.9		8.05	3.8	2.753	
1226	7/15/2009 05:31	16.83	48.737	31.87		7.91	3.1	2.764	
1227	7/15/2009 05:46	16.83	48.773	31.9		8.05	3.9	2.788	
1228	7/15/2009 06:01	16.76	48.825	31.94		8.05	3.3	2.816	
1229	7/15/2009 06:16	16.72	48.759	31.89		8.04	2.3	2.814	
1230	7/15/2009 06:31	16.7	48.775	31.9		8.02	2.6	2.816	
1231	7/15/2009 06:46	16.75	48.779	31.9		8.03	2.6	2.802	
1232	7/15/2009 07:01	16.69	48.786	31.91		8.03	3	2.777	
1233	7/15/2009 07:16	16.71	48.749	31.88		8.03	3.1	2.759	
1234	7/15/2009 07:31	16.87	48.746	31.88		8.03	3.7	2.706	
1235	7/15/2009 07:46	17.17	48.721	31.86		7.88	4.9	2.661	
1236	7/15/2009 08:01	17.42	48.803	31.93		7.87	4.8	2.605	
1237	7/15/2009 08:16	17.64	48.888	31.99		8	6.2	2.546	
1238	7/15/2009 08:31	17.65	48.978	32.06		7.99	7	2.487	
1239	7/15/2009 08:46	17.8	48.931	32.02		7.86	6.7	2.423	
1240	7/15/2009 09:01	17.88	49.009	32.08		8	6.1	2.371	
1241	7/15/2009 09:16	17.92	48.985	32.06		8	4.4	2.316	
1242	7/15/2009 09:31	17.9	49.01	32.08		7.86	4.3	2.269	
1243	7/15/2009 09:46	17.98	48.961	32.05		7.87	3.8	2.218	
1244	7/15/2009 10:01	18.05	48.965	32.05		7.87	3.5	2.183	
1245	7/15/2009 10:16	18.15	48.975	32.06		7.87	3.2	2.151	
1246	7/15/2009 10:31	18.22	49.03	32.1		8.01	5.4	2.114	
1247	7/15/2009 10:46	18.3	49.027	32.1		8.01	3.2	2.113	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1248	7/15/2009 11:01	18.37	48.95	32.04		8.01	2.4	2.104	
1249	7/15/2009 11:16	18.4	48.848	31.96		7.87	2.6	2.077	
1250	7/15/2009 11:31	18.41	49.062	32.12		7.89	3.1	2.112	
1251	7/15/2009 11:46	18.26	48.969	32.05		7.88	4.2	2.144	
1252	7/15/2009 12:01	18.27	48.994	32.07		8.02	3.7	2.141	
1253	7/15/2009 12:16	18.29	49.021	32.09		8.02	4	2.169	
1254	7/15/2009 12:31	18.27	48.974	32.06		8.02	4.6	2.236	
1255	7/15/2009 12:46	18.24	48.888	31.99		7.88	5.4	2.283	
1256	7/15/2009 13:01	18.19	49.026	32.09		8.01	7	2.316	
1257	7/15/2009 13:16	18.08	48.945	32.03		7.87	6.1	2.375	
1258	7/15/2009 13:31	18.04	48.963	32.05		7.88	6	2.437	
1259	7/15/2009 13:46	17.88	48.924	32.02		8.01	5.4	2.5	
1260	7/15/2009 14:01	17.69	48.89	31.99		8.01	5.4	2.549	
1261	7/15/2009 14:16	17.46	48.699	31.85		7.88	5.2	2.617	
1262	7/15/2009 14:31	17.27	48.84	31.95		7.89	6	2.688	
1263	7/15/2009 14:46	17.08	48.774	31.9		7.9	6.6	2.747	
1264	7/15/2009 15:01	16.76	48.692	31.84		7.93	6.2	2.819	
1265	7/15/2009 15:16	16.66	48.723	31.86		7.93	6	2.88	
1266	7/15/2009 15:31	16.44	48.662	31.81		7.94	5.6	2.947	
1267	7/15/2009 15:46	16.36	48.621	31.78		7.94	6.3	3.025	
1268	7/15/2009 16:01	16.26	48.522	31.71		7.94	5.9	3.088	
1269	7/15/2009 16:16	16.04	48.628	31.78		8.08	7.1	3.154	
1270	7/15/2009 16:31	15.82	48.359	31.58		7.96	7.3	3.229	
1271	7/15/2009 16:46	15.26	48.474	31.66		7.98	7.5	3.303	
1272	7/15/2009 17:01	15.08	48.608	31.75		7.99	7.1	3.359	
1273	7/15/2009 17:16	14.91	48.618	31.75		8.11	6.3	3.42	
1274	7/15/2009 17:31	14.66	48.522	31.68		8.11	5.4	3.473	
1275	7/15/2009 17:46	14.52	48.524	31.67		8	4	3.519	
1276	7/15/2009 18:01	14.31	48.573	31.71		8	4	3.55	
1277	7/15/2009 18:16	14.13	48.559	31.69		8.1	3.2	3.558	
1278	7/15/2009 18:31	14.33	48.63	31.75		8.09	3.1	3.572	
1279	7/15/2009 18:46	14.18	48.553	31.69		8.09	4.5	3.557	
1280	7/15/2009 19:01	14.19	48.449	31.61		7.99	3.5	3.525	
1281	7/15/2009 19:16	14.47	48.297	31.51		7.99	4.9	3.475	
1282	7/15/2009 19:31	15.46	48.25	31.5		7.99	5.9	3.423	
1283	7/15/2009 19:46	15.73	48.563	31.73		7.99	6.7	3.361	
1284	7/15/2009 20:01	16.22	48.644	31.8		8.11	8.1	3.274	
1285	7/15/2009 20:16	16.35	48.793	31.91		8.11	6.7	3.192	
1286	7/15/2009 20:31	16.43	48.761	31.88		8.11	7.3	3.104	
1287	7/15/2009 20:46	16.87	48.74	31.88		8.11	6.5	3.035	
1288	7/15/2009 21:01	16.95	48.63	31.8		8.11	6.5	2.949	
1289	7/15/2009 21:16	17.39	48.763	31.9		8.1	6.2	2.861	
1290	7/15/2009 21:31	17.53	48.73	31.87		7.98	5.6	2.805	
1291	7/15/2009 21:46	17.55	48.735	31.88		7.99	6.8	2.691	
1292	7/15/2009 22:01	17.32	48.719	31.86		8.12	5.9	2.611	
1293	7/15/2009 22:16	17.47	48.828	31.95		8.12	7	2.539	
1294	7/15/2009 22:31	17.44	48.8	31.92		8.11	6.9	2.426	
1295	7/15/2009 22:46	17.55	48.819	31.94		8.1	7	2.338	
1296	7/15/2009 23:01	17.37	48.848	31.96		8.09	5.3	2.254	
1297	7/15/2009 23:16	17.53	48.957	32.04		8.08	4.5	2.161	
1298	7/15/2009 23:31	17.79	48.887	31.99		8.07	4.2	2.074	
1299	7/15/2009 23:46	18.09	48.925	32.02		7.95	4.1	1.994	

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1300	7/16/2009 00:01	18.04	48.867	31.98		7.94	3.7	1.927	
1301	7/16/2009 00:16	18.32	48.879	31.99		7.94	3.5	1.876	
1302	7/16/2009 00:31	18.7	49.021	32.09		8.07	2.9	1.83	
1303	7/16/2009 00:46	18.7	49.007	32.08		8.06	2.6	1.802	
1304	7/16/2009 01:01	18.87	48.972	32.06		8.06	2.4	1.796	
1305	7/16/2009 01:16	18.94	48.925	32.02		7.94	2.3	1.776	
1306	7/16/2009 01:31	18.83	49.009	32.08		7.94	2.3	1.786	
1307	7/16/2009 01:46	18.93	48.939	32.03		7.94	2.4	1.819	
1308	7/16/2009 02:01	18.83	48.936	32.03		7.94	2.3	1.84	
1309	7/16/2009 02:16	18.74	48.896	32		7.94	2.4	1.871	
1310	7/16/2009 02:31	18.75	48.978	32.06		7.94	3	1.932	
1311	7/16/2009 02:46	18.7	48.886	31.99		7.94	2.9	1.962	
1312	7/16/2009 03:01	18.67	48.943	32.03		7.93	3.4	2.018	
1313	7/16/2009 03:16	18.86	48.953	32.04		7.89	4.5	2.083	
1314	7/16/2009 03:31	18.89	48.874	31.98		7.87	5.2	2.113	
1315	7/16/2009 03:46	18.8	48.947	32.04		7.88	5.5	2.182	
1316	7/16/2009 04:01	18.65	48.932	32.03		7.9	4.6	2.238	
1317	7/16/2009 04:16	18.53	48.979	32.06		8.04	4	2.274	
1318	7/16/2009 04:31	18.45	48.938	32.03		8.04	3.9	2.339	
1319	7/16/2009 04:46	18.36	48.921	32.02		8.05	4.1	2.39	
1320	7/16/2009 05:01	18.21	48.77	31.91		7.91	4.1	2.446	
1321	7/16/2009 05:16	18.03	48.825	31.95		7.91	4.5	2.495	
1322	7/16/2009 05:31	17.88	48.877	31.98		7.91	4.5	2.541	
1323	7/16/2009 05:46	17.63	48.743	31.88		7.91	4.3	2.582	
1324	7/16/2009 06:01	17.49	48.743	31.88		7.91	3.8	2.632	
1325	7/16/2009 06:16	17.29	48.82	31.94		8.05	3.2	2.672	
1326	7/16/2009 06:31	17.36	48.668	31.83		7.91	3.6	2.697	
1327	7/16/2009 06:46	17.17	48.79	31.91		7.92	2.9	2.74	
1328	7/16/2009 07:01	17.12	48.66	31.82		7.92	2.1	2.754	
1329	7/16/2009 07:16	17.12	48.584	31.76		7.91	2.5	2.772	
1330	7/16/2009 07:31	17.05	48.741	31.88		8.03	2.3	2.795	
1331	7/16/2009 07:46	17.01	48.797	31.92		8.03	2.1	2.778	
1332	7/16/2009 08:01	17.03	48.767	31.9		8.03	2.1	2.796	
1333	7/16/2009 08:16	17.04	48.781	31.91		8.02	3	2.776	
1334	7/16/2009 08:31	16.99	48.798	31.92		8.03	2.8	2.751	
1335	7/16/2009 08:46	17.04	48.721	31.86		8.03	4.2	2.717	
1336	7/16/2009 09:01	17.12	48.729	31.87		7.89	4	2.698	
1337	7/16/2009 09:16	17.29	48.788	31.91		7.89	3.8	2.647	
1338	7/16/2009 09:31	17.55	48.72	31.87		7.87	4.50	2.59	
1339	7/16/2009 09:46	17.65	48.787	31.92		7.86	4.2	2.563	
1340	7/16/2009 10:01	17.76	48.758	31.9		7.88	6	2.507	
1341	7/16/2009 10:16	17.68	48.90	32.00		7.86	4.30	2.45	
1342	7/16/2009 10:31	17.93	48.813	31.94		7.88	4.6	2.418	
1343	7/16/2009 10:46	18.06	48.835	31.95		7.89	3.8	2.385	
1344	7/16/2009 11:01	18.1	48.847	31.96		7.89	3.4	2.361	
1345	7/16/2009 11:16	18.19	48.91	32.01		8.02	3.20	2.33	
1346	7/16/2009 11:31	18.30	48.90	32.00		8.02	2.90	2.30	
1347	7/16/2009 11:46	18.39	48.90	32.01		8.03	2.60	2.31	
1348	7/16/2009 12:01	18.42	48.85	31.96		8.02	2.90	2.31	
1349	7/16/2009 12:16	18.38	48.96	32.05		8.03	2.8	2.303	
1350	7/16/2009 12:31	18.36	48.86	31.97		7.9	2.8	2.315	
1351	7/16/2009 12:46	18.2	48.91	32.01		8.02	4.5	2.356	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1352	7/16/2009 13:01	18.19	48.891	32		8.03	3.8	2.366	
1353	7/16/2009 13:16	18.17	48.89	31.99		8.03	4.1	2.399	
1354	7/16/2009 13:31	18.13	48.914	32.01		8.02	5	2.431	
1355	7/16/2009 13:46	17.99	48.867	31.98		8.03	5.2	2.484	
1356	7/16/2009 14:01	17.85	48.829	31.95		8.03	4.2	2.531	
1357	7/16/2009 14:16	17.78	48.708	31.86		7.9	4.2	2.569	
1358	7/16/2009 14:31	17.68	48.781	31.91		7.91	3.8	2.626	
1359	7/16/2009 14:46	17.54	48.759	31.9		7.92	4.4	2.686	
1360	7/16/2009 15:01	17.42	48.689	31.84		7.92	4.4	2.741	
1361	7/16/2009 15:16	17.15	48.613	31.79		7.92	4.9	2.788	
1362	7/16/2009 15:31	16.88	48.597	31.77		7.93	5	2.863	
1363	7/16/2009 15:46	16.69	48.66	31.81		7.95	4.5	2.925	
1364	7/16/2009 16:01	16.39	48.592	31.76		8.09	5.1	2.987	
1365	7/16/2009 16:16	16.02	48.458	31.66		7.96	5.2	3.056	
1366	7/16/2009 16:31	15.86	48.611	31.77		8.09	5.6	3.124	
1367	7/16/2009 16:46	15.33	48.462	31.65		8.07	5.9	3.195	
1368	7/16/2009 17:01	15.09	48.535	31.7		8.07	5.6	3.26	
1369	7/16/2009 17:16	14.75	48.552	31.7		8.07	5.4	3.336	
1370	7/16/2009 17:31	14.33	48.571	31.7		8.06	6.1	3.399	
1371	7/16/2009 17:46	14.11	48.362	31.55		7.95	5.8	3.462	
1372	7/16/2009 18:01	13.99	48.52	31.66		8.07	5.7	3.52	
1373	7/16/2009 18:16	13.68	48.521	31.65		8.06	4.4	3.574	
1374	7/16/2009 18:31	13.59	48.457	31.6		8.06	3.8	3.618	
1375	7/16/2009 18:46	13.54	48.399	31.56		7.96	3.6	3.639	
1376	7/16/2009 19:01	13.46	48.493	31.62		8.05	1.6	3.671	
1377	7/16/2009 19:16	13.82	48.399	31.56		8.05	3.4	3.678	
1378	7/16/2009 19:31	13.53	48.502	31.63		8.04	3.2	3.668	
1379	7/16/2009 19:46	13.47	48.334	31.51		8.05	4.6	3.631	
1380	7/16/2009 20:01	13.57	48.415	31.57		8.04	4.5	3.593	
1381	7/16/2009 20:16	14.8	48.391	31.59		8.07	8.1	3.539	
1382	7/16/2009 20:31	15.01	48.538	31.7		8.08	7.6	3.481	
1383	7/16/2009 20:46	15.76	48.516	31.7		8.09	5.6	3.406	
1384	7/16/2009 21:01	16.24	48.583	31.75		8.1	6.2	3.319	
1385	7/16/2009 21:16	16.16	48.668	31.81		8.1	6.3	3.239	
1386	7/16/2009 21:32	16.22	48.626	31.78		8.1	5.3	3.163	
1387	7/16/2009 21:47	16.46	48.698	31.84		8.1	5.4	3.068	
1388	7/16/2009 22:02	16.8	48.549	31.73		8.1	5.9	2.974	
1389	7/16/2009 22:17	17.15	48.695	31.84		8.1	5.2	2.896	
1390	7/16/2009 22:32	17.36	48.53	31.73		7.97	5.6	2.795	
1391	7/16/2009 22:47	17.44	48.779	31.91		8.1	5.5	2.694	
1392	7/16/2009 23:02	17.18	48.502	31.7		7.97	5.2	2.585	
1393	7/16/2009 23:17	17.2	48.544	31.74		7.96	5.5	2.486	
1394	7/16/2009 23:32	17.36	48.772	31.9		8.09	6.1	2.39	
1395	7/16/2009 23:47	16.99	48.522	31.72		7.95	7.1	2.274	
1396	7/17/2009 00:02	17.4	48.817	31.94		8.07	6.4	2.169	
1397	7/17/2009 00:17	17.47	48.731	31.87		7.94	5.3	2.064	
1398	7/17/2009 00:32	17.62	48.86	31.97		8.06	6	1.964	
1399	7/17/2009 00:47	17.8	48.824	31.94		7.93	4.9	1.859	
1400	7/17/2009 01:02	18.24	48.857	31.97		7.93	4.5	1.789	
1401	7/17/2009 01:17	18.43	48.937	32.03		8.06	4.3	1.724	
1402	7/17/2009 01:32	18.56	48.717	31.87		7.93	3.8	1.671	
1403	7/17/2009 01:47	18.71	48.889	32		7.93	3.8	1.622	

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1404	7/17/2009 02:02	18.96	48.784	31.92		7.93	3.4	1.608	
1405	7/17/2009 02:17	19	48.921	32.02		7.94	3.7	1.601	
1406	7/17/2009 02:32	18.96	48.949	32.04		7.93	3.3	1.6	
1407	7/17/2009 02:47	18.97	48.916	32.02		7.94	3.2	1.622	
1408	7/17/2009 03:02	18.93	48.916	32.02		7.94	2.9	1.655	
1409	7/17/2009 03:17	18.83	48.971	32.06		7.94	3.5	1.697	
1410	7/17/2009 03:32	18.87	48.948	32.04		8.07	3.6	1.727	
1411	7/17/2009 03:47	18.83	48.962	32.05		7.94	3.4	1.792	
1412	7/17/2009 04:02	18.78	48.874	31.98		7.94	4	1.855	
1413	7/17/2009 04:17	19.01	48.955	32.04		8.02	5.9	1.9	
1414	7/17/2009 04:32	18.99	48.85	31.97		8.01	6.2	1.96	
1415	7/17/2009 04:47	18.85	48.941	32.03		7.89	6.7	2.027	
1416	7/17/2009 05:02	18.78	48.849	31.97		8.03	6.2	2.087	
1417	7/17/2009 05:17	18.67	48.904	32.01		8.03	5.9	2.144	
1418	7/17/2009 05:32	18.56	48.896	32		8.04	5.5	2.214	
1419	7/17/2009 05:47	18.47	48.835	31.96		8.04	5.8	2.28	
1420	7/17/2009 06:02	18.35	48.842	31.96		7.92	5.1	2.332	
1421	7/17/2009 06:17	18.19	48.835	31.95		8.04	5.9	2.4	
1422	7/17/2009 06:32	17.78	48.741	31.88		7.92	5.5	2.462	
1423	7/17/2009 06:47	17.6	48.728	31.87		7.91	4.6	2.513	
1424	7/17/2009 07:02	17.47	48.725	31.87		8.05	4.6	2.57	
1425	7/17/2009 07:17	17.41	48.669	31.83		7.92	4.6	2.623	
1426	7/17/2009 07:32	17.27	48.686	31.84		8.05	4.1	2.674	
1427	7/17/2009 07:47	17.22	48.734	31.87		8.04	4.2	2.71	
1428	7/17/2009 08:02	17.19	48.77	31.9		8.04	4.2	2.748	
1429	7/17/2009 08:17	16.99	48.707	31.85		8.05	3.7	2.785	
1430	7/17/2009 08:32	16.88	48.637	31.8		8.04	3.7	2.815	
1431	7/17/2009 08:47	16.83	48.686	31.84		8.04	3	2.826	
1432	7/17/2009 09:02	16.78	48.547	31.73		8.04	3.2	2.844	
	Mean	16.31	48.75	31.87	9.74	7.99	5.14	2.62	119.26
	Minimum	12.07	47.952	31.28	7.54	7.82	0.8	1.217	94.9
	Maximum	19.03	49.16	32.19	12.71	8.21	14.8	3.813	146.7

DO data discarded due to heavy fouling of DO probe guard screen

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

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	7/17/2009 09:46	16.63	49.834	32.67	8.71	8.06	4.2	2.823	109
1	7/17/2009 10:01	16.56	49.819	32.66	8.77	8.06	4	2.8	109.6
2	7/17/2009 10:16	16.73	49.847	32.68	8.64	8.05	4.2	2.78	108.3
3	7/17/2009 10:31	16.89	49.901	32.72	8.61	8.08	5.1	2.746	108.2
4	7/17/2009 10:46	17.09	49.921	32.74	8.59	8.08	5.4	2.693	108.5
5	7/17/2009 11:01	17.34	49.951	32.77	8.45	8.08	5.3	2.655	107.2
6	7/17/2009 11:16	17.4	50.009	32.81	8.26	8.07	4.7	2.607	105
7	7/17/2009 11:31	17.44	50.005	32.81	8.24	8.07	4.7	2.558	104.8
8	7/17/2009 11:46	17.52	50.028	32.82	8.17	8.06	4.5	2.518	104.1
9	7/17/2009 12:01	17.59	50.06	32.85	8.23	8.07	5.1	2.486	105
10	7/17/2009 12:16	17.89	50.022	32.82	8.54	8.08	5.1	2.461	109.5
11	7/17/2009 12:31	17.95	50.055	32.85	8.53	8.08	4.4	2.424	109.6
12	7/17/2009 12:46	18.07	50.049	32.84	8.47	8.08	3.5	2.421	109
13	7/17/2009 13:01	18.06	50.07	32.86	8.64	8.08	4.5	2.43	111.3
14	7/17/2009 13:16	18.06	50.093	32.87	8.66	8.09	4.3	2.401	111.6
15	7/17/2009 13:31	17.98	50.056	32.85	8.63	8.08	4.6	2.427	111
16	7/17/2009 13:46	17.97	50.042	32.84	8.63	8.08	4.9	2.456	110.9
17	7/17/2009 14:01	17.85	50.026	32.82	8.6	8.07	5.1	2.469	110.3
18	7/17/2009 14:16	17.82	50.021	32.82	8.78	8.08	4.8	2.506	112.5
19	7/17/2009 14:31	17.81	50.012	32.81	8.9	8.09	5	2.543	114
20	7/17/2009 14:46	17.65	49.994	32.8	9	8.1	4.9	2.597	114.9
21	7/17/2009 15:01	17.62	49.985	32.79	9	8.09	5.1	2.634	114.9
22	7/17/2009 15:16	17.53	49.97	32.78	9.12	8.1	4.6	2.672	116.2
23	7/17/2009 15:31	17.28	49.959	32.77	9.03	8.09	4.6	2.747	114.5
24	7/17/2009 15:46	17.09	49.923	32.74	9.07	8.09	5.3	2.787	114.6
25	7/17/2009 16:01	16.67	49.886	32.71	9.16	8.07	5.2	2.84	114.7
26	7/17/2009 16:16	16.59	49.867	32.69	9.39	8.09	5.3	2.905	117.4
27	7/17/2009 16:31	16.05	49.838	32.67	9.55	8.07	5.7	2.969	118.1
28	7/17/2009 16:46	15.37	49.814	32.64	9.93	8.08	6.2	3.037	121.1
29	7/17/2009 17:01	14.86	49.81	32.62	9.86	8.06	6.5	3.097	119.1
30	7/17/2009 17:16	14.55	49.811	32.61	9.84	8.05	7.2	3.172	118.1
31	7/17/2009 17:31	14.34	49.816	32.61	9.76	8.05	7	3.242	116.7
32	7/17/2009 17:46	14.13	49.827	32.61	9.72	8.05	7.1	3.321	115.7
33	7/17/2009 18:01	13.84	49.832	32.61	9.73	8.04	7.6	3.378	115.1
34	7/17/2009 18:16	13.4	49.851	32.61	9.66	8.02	6.6	3.451	113.3
35	7/17/2009 18:31	13.13	49.86	32.6	9.62	8.01	6.3	3.529	112.2
36	7/17/2009 18:46	12.95	49.879	32.61	9.8	8.01	6.3	3.576	113.9
37	7/17/2009 19:01	12.59	49.895	32.61	9.74	8	5.2	3.635	112.3
38	7/17/2009 19:16	12.52	49.882	32.59	9.66	8	4.8	3.69	111.3
39	7/17/2009 19:31	12.4	49.897	32.6	9.69	8.24	4	3.728	111.4
40	7/17/2009 19:46	12.34	49.895	32.6	9.76	8.25	3.2	3.758	111.9
41	7/17/2009 20:01	12.31	49.894	32.59	9.67	8	1.7	3.77	110.8
42	7/17/2009 20:16	12.42	49.91	32.61	9.54	8	2.6	3.776	109.6
43	7/17/2009 20:31	12.36	49.906	32.6	9.63	8	4.8	3.755	110.6
44	7/17/2009 20:46	12.45	49.891	32.6	9.69	8.25	4.8	3.723	111.4
45	7/17/2009 21:01	12.61	49.892	32.61	9.66	8.25	4.9	3.68	111.4
46	7/17/2009 21:16	13.91	49.845	32.62	9.65	8.06	6.7	3.611	114.4
47	7/17/2009 21:31	14.45	49.82	32.62	9.62	8.07	6.3	3.532	115.2
48	7/17/2009 21:46	15.11	49.888	32.68	9.68	8.08	6.3	3.448	117.6
49	7/17/2009 22:01	15.38	49.912	32.71	9.73	8.1	5.4	3.366	118.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
50	7/17/2009 22:16	15.56	49.899	32.7	9.85	8.1	6	3.269	120.7
51	7/17/2009 22:31	15.72	49.931	32.73	9.81	8.11	6.8	3.157	120.7
52	7/17/2009 22:46	15.82	49.916	32.72	9.73	8.11	5.4	3.079	119.9
53	7/17/2009 23:01	16.16	49.929	32.73	9.59	8.1	4.8	2.977	118.9
54	7/17/2009 23:16	16.67	49.948	32.76	9.51	8.1	6.3	2.863	119.1
55	7/17/2009 23:31	16.81	49.946	32.76	9.4	8.09	6.1	2.75	118.1
56	7/17/2009 23:46	17.04	49.999	32.8	9.42	8.1	7.8	2.644	118.9
57	7/18/2009 00:01	16.91	49.921	32.74	9.3	8.08	5.8	2.528	117
58	7/18/2009 00:16	16.45	50.039	32.82	9.32	8.09	7.8	2.397	116.3
59	7/18/2009 00:31	16.96	49.983	32.78	9.24	8.1	8.4	2.268	116.5
60	7/18/2009 00:46	17.03	50.007	32.8	9.11	8.08	7.9	2.145	114.9
61	7/18/2009 01:01	17.37	50.032	32.83	8.93	8.09	8.5	2.042	113.4
62	7/18/2009 01:16	17.69	50.064	32.85	8.82	8.09	7.3	1.91	112.7
63	7/18/2009 01:31	17.71	50.103	32.88	8.64	8.07	7.1	1.786	110.6
64	7/18/2009 01:46	18.15	50.128	32.9	8.56	8.08	6.5	1.69	110.4
65	7/18/2009 02:01	18.32	50.136	32.91	8.43	8.07	6.5	1.572	109.1
66	7/18/2009 02:16	18.73	50.169	32.93	8.36	8.08	6.7	1.496	109
67	7/18/2009 02:31	18.85	50.201	32.96	8.26	8.06	6.1	1.427	108
68	7/18/2009 02:46	18.99	50.222	32.97	8.2	8.06	6.2	1.36	107.5
69	7/18/2009 03:01	19.08	50.238	32.98	8.08	8.06	4.9	1.35	106.1
70	7/18/2009 03:16	19.24	50.259	33	8.12	8.06	4.8	1.342	107
71	7/18/2009 03:31	19.01	50.223	32.97	8.09	8.05	4.7	1.358	106.2
72	7/18/2009 03:46	19.25	50.238	32.98	8.21	8.06	4.8	1.375	108.2
73	7/18/2009 04:01	19.2	50.247	32.99	8.23	8.06	4.4	1.431	108.3
74	7/18/2009 04:16	19.11	50.229	32.98	8.23	8.06	4.5	1.479	108.1
75	7/18/2009 04:31	19.16	50.231	32.98	8.37	8.06	4.9	1.546	110.1
76	7/18/2009 04:46	19.11	50.225	32.97	8.38	8.06	5.2	1.591	110.2
77	7/18/2009 05:01	19.18	50.169	32.93	8.22	8.05	6.4	1.631	108.1
78	7/18/2009 05:16	19.27	50.158	32.93	8	8.03	7.9	1.738	105.4
79	7/18/2009 05:31	19.28	50.145	32.92	7.92	8.02	8.9	1.782	104.4
80	7/18/2009 05:46	19.18	50.161	32.93	7.91	8.02	8.2	1.837	104
81	7/18/2009 06:01	19.09	50.13	32.9	8.06	8.02	9	1.924	105.9
82	7/18/2009 06:16	18.86	50.142	32.91	8.16	8.03	8.7	1.99	106.7
83	7/18/2009 06:31	18.63	50.139	32.91	8.28	8.03	8	2.078	107.8
84	7/18/2009 06:46	18.53	50.131	32.9	8.32	8.05	6.6	2.138	108.2
85	7/18/2009 07:01	18.34	50.118	32.89	8.38	8.04	6.2	2.22	108.5
86	7/18/2009 07:16	18.12	50.106	32.88	8.45	8.04	6.2	2.296	109
87	7/18/2009 07:31	17.88	50.075	32.86	8.43	8.04	6.7	2.376	108.2
88	7/18/2009 07:46	17.73	50.066	32.85	8.45	8.04	8.5	2.443	108.1
89	7/18/2009 08:01	17.54	50.056	32.84	8.52	8.04	6.2	2.506	108.5
90	7/18/2009 08:16	17.45	50.043	32.83	8.59	8.04	6	2.585	109.3
91	7/18/2009 08:31	17.29	50.038	32.83	8.67	8.04	6.3	2.644	109.9
92	7/18/2009 08:46	17.1	50.019	32.81	8.74	8.04	6.3	2.699	110.4
93	7/18/2009 09:01	16.91	49.975	32.78	8.81	8.04	6.5	2.743	110.9
94	7/18/2009 09:16	16.66	49.962	32.77	8.9	8.04	6	2.795	111.5
95	7/18/2009 09:31	16.36	49.92	32.73	9.02	8.04	5.5	2.845	112.3
96	7/18/2009 09:46	16.23	49.93	32.74	9.08	8.04	5.1	2.873	112.8
97	7/18/2009 10:01	16.16	49.929	32.73	9.09	8.04	4.7	2.898	112.7
98	7/18/2009 10:16	16.07	49.921	32.73	9.14	8.04	3.9	2.924	113.2
99	7/18/2009 10:31	16.01	49.91	32.72	8.93	8.03	3.1	2.928	110.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
100	7/18/2009 10:46	16.05	49.905	32.72	8.89	8.03	3.3	2.939	110
101	7/18/2009 11:01	16.08	49.886	32.7	8.94	8.03	4.5	2.926	110.7
102	7/18/2009 11:16	16.01	49.911	32.72	9.06	8.04	5.4	2.892	112
103	7/18/2009 11:31	16.12	49.899	32.71	9	8.04	5.2	2.861	111.5
104	7/18/2009 11:46	16.37	49.905	32.72	9	8.04	5.4	2.829	112.1
105	7/18/2009 12:01	16.56	49.937	32.75	9.1	8.05	5.9	2.767	113.7
106	7/18/2009 12:16	16.81	49.962	32.77	8.99	8.05	5.9	2.719	112.9
107	7/18/2009 12:31	17.03	49.986	32.79	8.88	8.05	6.1	2.682	112.1
108	7/18/2009 12:46	17.23	50.008	32.81	8.87	8.05	6.5	2.617	112.3
109	7/18/2009 13:01	17.43	50.032	32.83	8.84	8.05	6.2	2.582	112.4
110	7/18/2009 13:16	17.63	50.061	32.85	8.95	8.07	9.2	2.535	114.3
111	7/18/2009 13:31	17.8	50.063	32.85	8.88	8.06	5.4	2.519	113.8
112	7/18/2009 13:46	17.91	50.06	32.85	8.89	8.06	4.6	2.486	114.1
113	7/18/2009 14:01	18.09	50.082	32.87	9.01	8.07	4.4	2.459	116
114	7/18/2009 14:16	18.55	50.078	32.87	9.14	8.08	3.4	2.465	118.7
115	7/18/2009 14:31	18.48	50.149	32.92	9.5	8.09	4.9	2.455	123.4
116	7/18/2009 14:46	18.21	50.096	32.88	9.32	8.07	6	2.462	120.3
117	7/18/2009 15:01	18.17	50.099	32.88	9.18	8.07	4.9	2.483	118.4
118	7/18/2009 15:16	18.18	50.062	32.85	9.16	8.07	5.6	2.507	118.2
119	7/18/2009 15:31	18.19	50.099	32.88	9.23	8.07	4.9	2.541	119.1
120	7/18/2009 15:46	18.05	50.099	32.88	9.15	8.07	5.4	2.573	117.8
121	7/18/2009 16:01	17.88	50.058	32.85	9.35	8.09	5.6	2.633	120
122	7/18/2009 16:16	17.86	50.029	32.83	9.58	8.08	5.6	2.678	122.8
123	7/18/2009 16:31	17.57	50.007	32.81	9.51	8.08	5.5	2.736	121.2
124	7/18/2009 16:46	17.07	49.982	32.79	9.21	8.05	6.3	2.793	116.3
125	7/18/2009 17:01	16.42	49.959	32.76	9.41	8.06	5.5	2.847	117.3
126	7/18/2009 17:16	15.75	49.923	32.72	9.35	8.03	6.5	2.922	115
127	7/18/2009 17:31	15.72	49.927	32.72	9.77	8.05	6.7	2.984	120.1
128	7/18/2009 17:46	14.91	49.914	32.7	9.81	8.25	7	3.06	118.7
129	7/18/2009 18:01	14.49	49.941	32.71	9.67	8	7	3.132	116
130	7/18/2009 18:16	14.53	49.928	32.7	9.94	8.26	6.5	3.201	119.3
131	7/18/2009 18:31	14.01	49.934	32.69	9.71	8.24	7.6	3.289	115.4
132	7/18/2009 18:46	13.75	49.937	32.68	9.59	8.24	7.1	3.359	113.3
133	7/18/2009 19:01	13.66	49.938	32.68	9.87	8.25	7.7	3.438	116.4
134	7/18/2009 19:16	12.97	49.968	32.67	9.81	8.23	6.7	3.511	114.1
135	7/18/2009 19:31	12.64	49.976	32.67	9.95	7.99	6.2	3.583	114.9
136	7/18/2009 19:46	12.46	49.97	32.66	10.03	8.24	6.4	3.652	115.4
137	7/18/2009 20:01	12.39	49.985	32.66	10.06	8.24	6.2	3.709	115.6
138	7/18/2009 20:16	12.12	50.023	32.68	10.07	8.24	6.9	3.758	115.1
139	7/18/2009 20:31	11.94	49.981	32.64	10.04	8.23	6	3.813	114.2
140	7/18/2009 20:46	11.75	49.98	32.63	10.01	8.23	4.5	3.841	113.4
141	7/18/2009 21:01	11.72	49.966	32.62	9.95	8.23	3.6	3.856	112.7
142	7/18/2009 21:16	12.04	49.963	32.63	9.85	7.99	3.9	3.872	112.3
143	7/18/2009 21:31	11.67	50.006	32.64	9.89	7.97	4.5	3.86	111.9
144	7/18/2009 21:46	11.72	49.058	31.96	9.99	7.99	6.3	3.814	112.7
145	7/18/2009 22:01	12.16	49.888	32.58	9.8	8	6.5	3.755	111.9
146	7/18/2009 22:16	13.11	49.957	32.67	9.53	8.25	5.4	3.703	111.1
147	7/18/2009 22:31	13.38	49.964	32.69	9.52	8.25	5.7	3.614	111.7
148	7/18/2009 22:46	14.15	49.941	32.7	9.5	8.26	5.5	3.512	113.2
149	7/18/2009 23:01	14.82	49.956	32.73	9.65	8.27	8.2	3.408	116.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
150	7/18/2009 23:16	14.96	49.997	32.76	9.72	8.07	7.6	3.303	117.7
151	7/18/2009 23:31	15.03	50.001	32.76	9.68	8.28	5.6	3.199	117.4
152	7/18/2009 23:46	15.13	50.008	32.77	9.56	8.06	6.1	3.073	116.2
153	7/19/2009 00:01	15.74	50.002	32.78		8.07	6.7	2.951	
154	7/19/2009 00:16	16.03	50.023	32.8		8.06	5.7	2.843	
155	7/19/2009 00:31	16.85	50.039	32.82		8.09	7.4	2.726	
156	7/19/2009 00:46	16.77	50.05	32.83		8.07	6.3	2.596	
157	7/19/2009 01:01	16.94	50.07	32.85		8.07	8	2.454	
158	7/19/2009 01:16	16.9	50.07	32.85		8.07	8.1	2.325	
159	7/19/2009 01:31	16.9	50.082	32.86		8.07	9.7	2.174	
160	7/19/2009 01:46	17.12	50.102	32.87		8.06	9	2.048	
161	7/19/2009 02:01	17.34	50.134	32.9		8.06	8.9	1.897	
162	7/19/2009 02:16	17.78	50.168	32.93		8.08	9.2	1.756	
163	7/19/2009 02:31	18.11	50.202	32.95		8.07	8.1	1.63	
164	7/19/2009 02:46	18.56	50.241	32.99		8.07	7.9	1.494	
165	7/19/2009 03:01	18.77	50.258	33		8.06	7.6	1.386	
166	7/19/2009 03:16	19.1	50.307	33.03		8.06	7.8	1.282	
167	7/19/2009 03:31	18.96	50.298	33.03		8.05	6.8	1.208	
168	7/19/2009 03:46	19.31	50.349	33.07		8.05	6.7	1.14	
169	7/19/2009 04:01	19.31	50.346	33.06		8.05	6	1.127	
170	7/19/2009 04:16	19.13	50.305	33.03		8.04	5.4	1.134	
171	7/19/2009 04:31	19.53	50.386	33.09		8.06	4.7	1.156	
172	7/19/2009 04:46	19.41	50.363	33.08		8.05	4.9	1.206	
173	7/19/2009 05:01	19.31	50.347	33.06		8.05	5.2	1.272	
174	7/19/2009 05:16	19.33	50.325	33.05		8.06	5.4	1.345	
175	7/19/2009 05:31	19.28	50.323	33.05		8.06	5.5	1.387	
176	7/19/2009 05:46	19.23	50.325	33.05		8.05	5.6	1.454	
177	7/19/2009 06:01	19.38	50.238	32.98		8.03	7.8	1.543	
178	7/19/2009 06:16	19.32	50.239	32.98		8.03	8.3	1.588	
179	7/19/2009 06:31	19.26	50.232	32.98		8.02	10.4	1.662	
180	7/19/2009 06:46	19.18	50.214	32.97		8.02	12.5	1.756	
181	7/19/2009 07:01	19	50.223	32.97		8.03	11.8	1.835	
182	7/19/2009 07:16	18.77	50.218	32.97		8.03	10.6	1.911	
183	7/19/2009 07:31	18.62	50.208	32.96		8.04	8.5	2.005	
184	7/19/2009 07:46	18.29	50.179	32.94		8.03	8.5	2.111	
185	7/19/2009 08:01	18.18	50.169	32.93		8.04	10.1	2.201	
186	7/19/2009 08:16	17.9	50.149	32.91		8.03	8.4	2.287	
187	7/19/2009 08:31	17.84	50.13	32.9		8.02	8.1	2.368	
188	7/19/2009 08:46	17.65	50.136	32.9		8.03	9.3	2.477	
189	7/19/2009 09:01	17.46	50.126	32.89		8.03	9.3	2.552	
190	7/19/2009 09:16	17.2	50.103	32.88		8.03	9.5	2.622	
191	7/19/2009 09:31	16.97	50.072	32.85		8.22	9.2	2.699	
192	7/19/2009 09:46	16.62	50.041	32.82		7.82	9.2	2.761	
193	7/19/2009 10:01	16.26	50.003	32.79		8.22	8.9	2.825	
194	7/19/2009 10:16	16.16	50.031	32.81		8.02	8.9	2.875	
195	7/19/2009 10:31	15.83	50.029	32.8		8.02	8.1	2.924	
196	7/19/2009 10:46	15.46	50.008	32.78		8.01	7.4	2.975	
197	7/19/2009 11:01	15.23	49.777	32.61		8.22	7.6	3.007	
198	7/19/2009 11:16	14.68	49.981	32.74		8.22	6.1	3.039	
199	7/19/2009 11:31	14.49	50	32.75		8.22	4.9	3.054	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
200	7/19/2009 11:46	14.68	49.932	32.7		8.21	4.3	3.07	
201	7/19/2009 12:01	14.55	49.996	32.75		8.21	3.7	3.059	
202	7/19/2009 12:16	14.53	49.98	32.74		8.22	7.3	3.024	
203	7/19/2009 12:31	14.8	49.984	32.75		7.99	7.3	2.985	
204	7/19/2009 12:46	15.36	50.002	32.77		8.03	8.4	2.939	
205	7/19/2009 13:01	15.84	50.01	32.79		8.05	7.7	2.883	
206	7/19/2009 13:16	16.28	50.03	32.81		8.26	7.8	2.822	
207	7/19/2009 13:31	16.85	50.044	32.83		8.06	8.2	2.756	
208	7/19/2009 13:46	17.36	50.019	32.82		8.26	7	2.7	
209	7/19/2009 14:01	17.52	50.076	32.86		8.07	7.1	2.649	
210	7/19/2009 14:16	17.64	50.107	32.88		8.26	6.5	2.597	
211	7/19/2009 14:31	17.77	50.11	32.89		8.07	6.7	2.562	
212	7/19/2009 14:46	17.89	50.113	32.89		8.07	5.5	2.514	
213	7/19/2009 15:01	18.08	50.112	32.89		8.09	6	2.48	
214	7/19/2009 15:16	18.22	50.087	32.87		8.09	5.6	2.459	
215	7/19/2009 15:31	18.45	50.058	32.85		8.11	4.5	2.441	
216	7/19/2009 15:46	18.54	50.047	32.84		8.12	4.9	2.436	
217	7/19/2009 16:01	18.27	50.126	32.9		8.1	6.7	2.448	
218	7/19/2009 16:16	18.4	50.171	32.93		8.1	5.4	2.468	
219	7/19/2009 16:31	18.37	50.119	32.9		8.1	6	2.495	
220	7/19/2009 16:46	18.49	50.155	32.92		8.1	5.8	2.522	
221	7/19/2009 17:01	18.29	50.153	32.92		8.1	7	2.589	
222	7/19/2009 17:16	17.95	50.112	32.89		8.09	7.6	2.648	
223	7/19/2009 17:31	17.77	50.102	32.88		8.1	7.8	2.707	
224	7/19/2009 17:46	17.14	50.076	32.85		8.26	7.6	2.774	
225	7/19/2009 18:01	16.79	50.053	32.83		8.26	7.1	2.848	
226	7/19/2009 18:16	16.15	50.024	32.8		8.04	9.2	2.921	
227	7/19/2009 18:31	15.51	50.031	32.8		8.03	10.1	2.996	
228	7/19/2009 18:46	15.09	50.011	32.77		8.05	8.3	3.079	
229	7/19/2009 19:01	14.68	50.018	32.77		8.26	9.5	3.16	
230	7/19/2009 19:16	14.22	50.014	32.75		8.02	8.5	3.248	
231	7/19/2009 19:31	14.07	50.013	32.75		8.27	8.3	3.335	
232	7/19/2009 19:46	13.56	50.004	32.72		8.04	9	3.421	
233	7/19/2009 20:01	12.88	50.021	32.71		7.99	9	3.512	
234	7/19/2009 20:16	12.59	50.01	32.69		8.21	10.6	3.599	
235	7/19/2009 20:31	11.92	50.076	32.71		7.94	9.3	3.682	
236	7/19/2009 20:46	11.72	50.07	32.69		8.05	9.2	3.753	
237	7/19/2009 21:01	11.47	50.096	32.7		8.17	8.8	3.83	
238	7/19/2009 21:16	11.3	50.09	32.69		8.18	6.4	3.88	
239	7/19/2009 21:31	11.34	50.132	32.72		8.18	4.6	3.93	
240	7/19/2009 21:46	11.3	50.094	32.69		8.19	3.6	3.978	
241	7/19/2009 22:01	11.29	50.122	32.71		8.19	2.9	3.997	
242	7/19/2009 22:16	11.6	50.109	32.72		8.19	4.3	3.997	
243	7/19/2009 22:31	11.65	50.092	32.71		8.18	4.7	3.982	
244	7/19/2009 22:46	11.48	50.084	32.69		8.19	5.6	3.943	
245	7/19/2009 23:01	12	50.09	32.72		8.18	5.4	3.886	
246	7/19/2009 23:16	11.83	50.087	32.71		7.93	5	3.791	
247	7/19/2009 23:31	12.79	50.098	32.76		7.96	5.5	3.711	
248	7/19/2009 23:46	13.43	50.056	32.76		8.22	6.7	3.604	
249	7/20/2009 00:01	13.54	50.057	32.76		8.24	7.9	3.467	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
250	7/20/2009 00:16	13.5	50.054	32.76		8.24	7.2	3.373	
251	7/20/2009 00:31	13.7	50.052	32.76		8.02	8.3	3.251	
252	7/20/2009 00:46	14.05	50.036	32.76		8.03	7.1	3.113	
253	7/20/2009 01:01	14.99	50.058	32.8		8.27	7.6	2.993	
254	7/20/2009 01:16	15.78	50.126	32.87		8.07	6.5	2.843	
255	7/20/2009 01:31	15.98	50.076	32.84		8.26	6.9	2.703	
256	7/20/2009 01:46	16.83	50.164	32.92		8.27	6.9	2.572	
257	7/20/2009 02:01	16.73	50.158	32.91		8.26	8.3	2.425	
258	7/20/2009 02:16	16.23	50.131	32.88		8.05	8.5	2.279	
259	7/20/2009 02:31	16.27	50.155	32.9		8.25	10.1	2.126	
260	7/20/2009 02:46	16.56	50.162	32.91		8.05	10.3	1.984	
261	7/20/2009 03:01	16.76	50.182	32.93		8.25	9.6	1.815	
262	7/20/2009 03:16	17.32	50.215	32.96		8.25	10.3	1.653	
263	7/20/2009 03:31	17.66	50.245	32.98		8.06	10.3	1.521	
264	7/20/2009 03:46	18.05	50.277	33.01		8.07	9.6	1.377	
265	7/20/2009 04:01	18.19	50.293	33.02		8.06	9.4	1.223	
266	7/20/2009 04:16	18.53	50.334	33.05		8.06	10.1	1.115	
267	7/20/2009 04:31	18.61	50.348	33.06		8.05	9.2	1.037	
268	7/20/2009 04:46	18.65	50.335	33.05		8.04	8.9	0.975	
269	7/20/2009 05:01	18.76	50.428	33.12		8.05	7.6	0.959	
270	7/20/2009 05:16	19.16	50.385	33.09		8.05	7.3	0.984	
271	7/20/2009 05:31	19.25	50.43	33.13		8.06	6.1	1.032	
272	7/20/2009 05:46	19.14	50.43	33.12		8.06	6.1	1.097	
273	7/20/2009 06:01	19.17	50.415	33.11		8.06	7.1	1.158	
274	7/20/2009 06:16	19.12	50.41	33.11		8.06	7.4	1.259	
275	7/20/2009 06:31	19.05	50.401	33.1		8.07	8.8	1.313	
276	7/20/2009 06:46	19.15	50.267	33		8.05	11.1	1.383	
277	7/20/2009 07:01	19.12	50.255	33		8.04	12.5	1.46	
278	7/20/2009 07:16	19	50.269	33.01		8.03	12.9	1.536	
279	7/20/2009 07:31	18.98	50.237	32.98		8.03	12.2	1.622	
280	7/20/2009 07:46	18.8	50.247	32.99		8.04	13.6	1.727	
281	7/20/2009 08:01	18.53	50.259	33		8.04	12.6	1.824	
282	7/20/2009 08:16	18.39	50.249	32.99		8.04	11.4	1.931	
283	7/20/2009 08:31	17.98	50.141	32.91		8		2.042	
284	7/20/2009 08:46	17.83	50.214	32.96		7.96	11.5	2.145	
285	7/20/2009 09:01	17.64	50.201	32.95		8.02	12	2.26	
286	7/20/2009 09:16	17.58	50.211	32.96		8.03	11.4	2.362	
287	7/20/2009 09:31	17.45	50.2	32.95		8.03	12.8	2.463	
288	7/20/2009 09:46	17.22	50.184	32.93		8.02	12.3	2.561	
289	7/20/2009 10:01	16.92	50.157	32.91		8.02	12.1	2.65	
290	7/20/2009 10:16	16.63	50.142	32.9		8.22	12.5	2.731	
291	7/20/2009 10:31	16.32	50.115	32.87		8.22	13.6	2.807	
292	7/20/2009 10:46	15.78	50.094	32.85		8.22	11.4	2.889	
293	7/20/2009 11:01	15.65	50.097	32.85		8.22	13.3	2.949	
294	7/20/2009 11:16	14.54	50.071	32.8		8.21	13.2	3.016	
295	7/20/2009 11:31	13.92	50.067	32.78		8.2	11.4	3.072	
296	7/20/2009 11:46	13.86	50.014	32.74		8.2	10	3.116	
297	7/20/2009 12:01	13.68	50.08	32.78		8.2	9.4	3.165	
298	7/20/2009 12:16	13.62	50.036	32.75		8.21	5.4	3.183	
299	7/20/2009 12:31	13.59	50.056	32.76		8.19	3.7	3.2	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
300	7/20/2009 12:46	13.71	50.061	32.77		8.21	6.7	3.206	
301	7/20/2009 13:01	13.58	50.052	32.76		8.2	10.7	3.176	
302	7/20/2009 13:16	13.59	50.057	32.76		8.2	19.8	3.127	
303	7/20/2009 13:31	13.8	50.073	32.78		8.21	10.9	3.076	
304	7/20/2009 13:46	14.24	50.076	32.8		8	9.9	3	
305	7/20/2009 14:01	15.03	50.096	32.83		8.03	10.8	2.927	
306	7/20/2009 14:16	16.39	50.083	32.85		8.07	10.7	2.847	
307	7/20/2009 14:31	16.96	50.134	32.9		8.09	10.1	2.776	
308	7/20/2009 14:46	16.99	50.126	32.89		8.11	8.7	2.708	
309	7/20/2009 15:01	17.23	50.138	32.9		8.1	9.4	2.639	
310	7/20/2009 15:16	17.42	50.14	32.9		8.11	9.9	2.592	
311	7/20/2009 15:31	17.57	50.145	32.91		8.12	10.8	2.532	
312	7/20/2009 15:46	17.81	50.171	32.93		8.13	8.7	2.49	
313	7/20/2009 16:01	17.98	50.188	32.94		8.12	7.8	2.447	
314	7/20/2009 16:16	18.1	50.212	32.96		8.12	6.8	2.413	
315	7/20/2009 16:31	18.23	50.207	32.96		8.13	6.2	2.392	
316	7/20/2009 16:46	18.41	50.208	32.96		8.13	5.1	2.384	
317	7/20/2009 17:01	18.31	50.212	32.96		8.13	6.2	2.394	
318	7/20/2009 17:16	18.4	50.225	32.97		8.14	5.9	2.405	
319	7/20/2009 17:31	18.28	50.219	32.97		8.13	6	2.429	
320	7/20/2009 17:46	18.21	50.227	32.97		8.12	7.6	2.498	
321	7/20/2009 18:01	18.1	50.218	32.97		8.12	8.4	2.55	
322	7/20/2009 18:16	17.9	50.202	32.95		8.11	8.2	2.608	
323	7/20/2009 18:31	17.62	50.188	32.94		8.1	8	2.684	
324	7/20/2009 18:46	17.35	50.171	32.93		8.09	8.9	2.766	
325	7/20/2009 19:01	16.78	50.136	32.89		8.09	10.3	2.837	
326	7/20/2009 19:16	16.23	50.108	32.87		8.06	11	2.915	
327	7/20/2009 19:31	15.42	50.085	32.83		8.26	9.2	3.008	
328	7/20/2009 19:46	14.74	50.073	32.81		8.24	9.6	3.094	
329	7/20/2009 20:01	14.35	50.071	32.8		8.24	9.5	3.182	
330	7/20/2009 20:16	13.56	50.071	32.77		8.21	12	3.277	
331	7/20/2009 20:31	12.95	50.111	32.78		7.71	12.8	3.373	
332	7/20/2009 20:46	12.37	50.085	32.74		7.67	14	3.477	
333	7/20/2009 21:01	11.96	50.094	32.72		8.15	12.3	3.575	
334	7/20/2009 21:16	11.63	50.101	32.71		8.15	12.9	3.67	
335	7/20/2009 21:31	11.42	50.111	32.71		8.15	13.1	3.756	
336	7/20/2009 21:46	11.2	50.104	32.69		8.16	10.2	3.844	
337	7/20/2009 22:01	11.1	50.107	32.69		8.16	9.5	3.922	
338	7/20/2009 22:16	11.13	50.106	32.69		8.17	6.8	3.986	
339	7/20/2009 22:31	11.08	50.115	32.69		8.18	5.4	4.037	
340	7/20/2009 22:46	11.08	50.093	32.68		8.18	3.2	4.076	
341	7/20/2009 23:01	11.14	50.077	32.67		8.18	3.7	4.094	
342	7/20/2009 23:16	11.38	50.097	32.7		8.18	4.5	4.096	
343	7/20/2009 23:31	11.22	50.094	32.68		8.18	5.7	4.081	
344	7/20/2009 23:46	11.31	50.121	32.71		8.17	6.7	4.021	
345	7/21/2009 00:01	11.43	50.096	32.7		8.15	7.6	3.953	
346	7/21/2009 00:16	11.55	50.105	32.71		8.16	9.3	3.86	
347	7/21/2009 00:31	12.28	50.09	32.73		8.18	6.7	3.755	
348	7/21/2009 00:46	13.09	50.101	32.78		8.21	9.6	3.633	
349	7/21/2009 01:01	12.94	50.098	32.77		8.21	9.9	3.51	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
350	7/21/2009 01:16	12.84	50.113	32.78		8.21	10.3	3.383	
351	7/21/2009 01:31	13.08	50.082	32.76		8.21	9.5	3.246	
352	7/21/2009 01:46	13.63	50.122	32.81		8.22	8.8	3.106	
353	7/21/2009 02:01	14.69	50.119	32.84		8.24	10.3	2.951	
354	7/21/2009 02:16	15.44	50.142	32.88		8.03	12.5	2.803	
355	7/21/2009 02:31	15.68	50.163	32.9		8.03	10.5	2.664	
356	7/21/2009 02:46	15.24	50.179	32.9		8	9.3	2.496	
357	7/21/2009 03:01	15.13	50.113	32.85		8.22	9.6	2.338	
358	7/21/2009 03:16	15.68	50.188	32.91		8.23	10.4	2.181	
359	7/21/2009 03:31	15.95	50.197	32.93		8.23	11	1.989	
360	7/21/2009 03:46	16.21	50.199	32.93		8.01	11.4	1.844	
361	7/21/2009 04:01	16.54	50.234	32.96		8.23	10.9	1.665	
362	7/21/2009 04:16	17.2	50.269	33		8.24	11.6	1.487	
363	7/21/2009 04:31	17.51	50.286	33.01		8.03	12	1.335	
364	7/21/2009 04:46	17.78	50.313	33.03		8.03	12.4	1.176	
365	7/21/2009 05:01	17.98	50.34	33.06		8.05	11.9	1.033	
366	7/21/2009 05:16	17.93	50.333	33.05		8.03	9.8	0.917	
367	7/21/2009 05:31	17.87	50.339	33.05		8.02	9.2	0.833	
368	7/21/2009 05:46	17.86	50.345	33.06		7.99	7.2	0.792	
369	7/21/2009 06:01	18.34	50.42	33.12		8.03	9	0.827	
370	7/21/2009 06:16	18.4	50.435	33.13		8.03	7.4	0.892	
371	7/21/2009 06:31	18.67	50.463	33.15		8.22	7.5	0.977	
372	7/21/2009 06:46	18.73	50.478	33.16		8.05	8.5	1.083	
373	7/21/2009 07:01	18.72	50.469	33.15		8.05	8.2	1.157	
374	7/21/2009 07:16	18.65	50.463	33.15		8.05	8.2	1.222	
375	7/21/2009 07:31	18.6	50.371	33.08		8.03	10.7	1.291	
376	7/21/2009 07:46	18.68	50.226	32.97		8.01	13.4	1.357	
377	7/21/2009 08:01	18.63	50.272	33.01		8.03	14.2	1.47	
378	7/21/2009 08:16	18.54	50.29	33.02		8.01	17.5	1.551	
379	7/21/2009 08:31	18.38	50.278	33.01		8	16.7	1.645	
380	7/21/2009 08:46	18.1	50.291	33.02		8.01	13.1	1.768	
381	7/21/2009 09:01	17.93	50.295	33.02		8.01	13.1	1.881	
382	7/21/2009 09:16	17.57	50.264	33		8	14.4	1.996	
383	7/21/2009 09:31	17.34	50.262	32.99		8	12.7	2.104	
384	7/21/2009 09:46	17.22	50.257	32.99		8	13.2	2.238	
385	7/21/2009 10:01	17.12	49.215	32.22		8.03	12.7	2.344	
386	7/21/2009 10:16	17	50.248	32.98		8.03	11.8	2.452	
387	7/21/2009 10:31	16.8	50.242	32.97		8	12.6	2.552	
388	7/21/2009 10:46	16.57	50.234	32.96		8.21	13.8	2.656	
389	7/21/2009 11:01	16.14	50.188	32.92		8.2	15.3	2.755	
390	7/21/2009 11:16	15.65	50.166	32.9		8.2	15.5	2.832	
391	7/21/2009 11:31	15.07	50.142	32.87		8.19	14.5	2.913	
392	7/21/2009 11:46	14.34	50.132	32.84		8.18	15.2	2.99	
393	7/21/2009 12:01	13.58	50.121	32.81		7.94	15	3.069	
394	7/21/2009 12:16	13.45	50.11	32.8		8.16	18.3	3.12	
395	7/21/2009 12:31	13.24	50.102	32.78		8.16	16.1	3.182	
396	7/21/2009 12:46	13.2	50.115	32.79		8.17	9.9	3.225	
397	7/21/2009 13:01	13.07	50.088	32.77		8.17	8.2	3.261	
398	7/21/2009 13:16	13.01	50.104	32.78		8.17	5.7	3.278	
399	7/21/2009 13:31	13.36	50.125	32.8		8.17	7.9	3.256	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
400	7/21/2009 13:46	13.06	50.08	32.76		8.17	9.5	3.234	
401	7/21/2009 14:01	13.05	50.094	32.77		8.18		3.189	
402	7/21/2009 14:16	13.52	50.124	32.81		8.09	15	3.106	
403	7/21/2009 14:31	13.84	50.106	32.81		7.74	13.6	3.031	
404	7/21/2009 14:46	14.48	50.107	32.83		8.22	14	2.934	
405	7/21/2009 15:01	15.13	50.149	32.87		8.02	11.3	2.848	
406	7/21/2009 15:16	15.24	50.145	32.87		8.26	10.6	2.772	
407	7/21/2009 15:31	15.37	50.134	32.87		8.27	9.2	2.676	
408	7/21/2009 15:46	15.96	50.073	32.84		8.06	9.8	2.602	
409	7/21/2009 16:01	16.07	50.177	32.91		8.06	9.8	2.526	
410	7/21/2009 16:16	16.36	50.205	32.94		8.28	8.2	2.464	
411	7/21/2009 16:31	16.51	50.221	32.95		8.28	8.1	2.385	
412	7/21/2009 16:46	16.67	50.236	32.97		8.08	7.2	2.323	
413	7/21/2009 17:01	16.91	50.245	32.98		8.28	6.5	2.279	
414	7/21/2009 17:16	16.99	50.23	32.97		8.08	6.7	2.231	
415	7/21/2009 17:31	17.21	50.257	32.99		8.29	5.8	2.206	
416	7/21/2009 17:46	17.63	50.271	33		8.29	5.3	2.21	
417	7/21/2009 18:01	17.66	50.242	32.98		8.09	5	2.217	
418	7/21/2009 18:16	17.79	50.283	33.01		8.09	5.7	2.246	
419	7/21/2009 18:31	17.5	50.279	33.01		8.09	6.8	2.293	
420	7/21/2009 18:46	17.55	50.278	33.01		8.08	6.9	2.347	
421	7/21/2009 19:01	17.33	50.263	32.99		8.27	8.1	2.427	
422	7/21/2009 19:16	17.34	50.231	32.97		8.07	9.5	2.5	
423	7/21/2009 19:31	17.08	50.219	32.96		8.07	9.5	2.588	
424	7/21/2009 19:46	16.81	50.208	32.95		8.06	9.9	2.674	
425	7/21/2009 20:01	16.28	50.187	32.93		8.04	9.9	2.748	
426	7/21/2009 20:16	15.63	50.149	32.89		8.24	12.9	2.846	
427	7/21/2009 20:31	15.01	50.14	32.87		8.22	11.7	2.926	
428	7/21/2009 20:46	14.65	50.137	32.85		8.21	12	3.023	
429	7/21/2009 21:01	14.26	50.126	32.83		8.21	11.4	3.112	
430	7/21/2009 21:16	13.61	50.121	32.81		8.2	12.3	3.219	
431	7/21/2009 21:31	13.24	50.116	32.79		8.2	14.3	3.324	
432	7/21/2009 21:46	12.8	50.117	32.78		7.72	14.8	3.419	
433	7/21/2009 22:01	12.27	50.117	32.75		8.2	15.2	3.537	
434	7/21/2009 22:16	11.78	50.124	32.74		7.72	15.3	3.639	
435	7/21/2009 22:31	11.48	50.142	32.73		8.2	12.1	3.737	
436	7/21/2009 22:46	11.24	49.116	31.98		7.9	12.5	3.829	
437	7/21/2009 23:01	11.09	50.162	32.73		7.96	10.6	3.911	
438	7/21/2009 23:16	10.98	50.173	32.73		8.19	8.7	3.985	
439	7/21/2009 23:31	10.94	50.187	32.74		8.19	8.6	4.043	
440	7/21/2009 23:46	10.92	50.17	32.72		8.18	6.2	4.084	
441	7/22/2009 00:01	10.81	50.189	32.73		8.18	3.6	4.114	
442	7/22/2009 00:16	11.29	50.151	32.73		8.19	6.2	4.109	
443	7/22/2009 00:31	11.03	50.168	32.73		8.18	7.6	4.072	
444	7/22/2009 00:46	11.34	50.144	32.73		8.19	9.9	4.019	
445	7/22/2009 01:01	11.33	50.161	32.74		7.69	10.6	3.927	
446	7/22/2009 01:16	11.3	50.163	32.74		8.18	8.9	3.822	
447	7/22/2009 01:31	12.93	50.134	32.79		8.21	11	3.69	
448	7/22/2009 01:46	12.53	50.167	32.8		8.22	13.4	3.562	
449	7/22/2009 02:01	12.46	50.126	32.77		8.22	15.3	3.426	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
450	7/22/2009 02:16	12.52	50.103	32.75		8.22	12.5	3.295	
451	7/22/2009 02:31	13.3	50.125	32.8		8.22	10.9	3.139	
452	7/22/2009 02:46	14.08	50.136	32.84		8.22	10.1	2.994	
453	7/22/2009 03:01	14.52	50.148	32.86		8.22	9.7	2.849	
454	7/22/2009 03:16	14.93	50.172	32.89		8.22	12.5	2.687	
455	7/22/2009 03:31	14.85	50.157	32.87		8.21	11	2.532	
456	7/22/2009 03:46	14.55	50.177	32.88		7.99	10.3	2.363	
457	7/22/2009 04:01	15.05	50.192	32.9		8.21	11.5	2.184	
458	7/22/2009 04:16	14.88	50.19	32.9		8.2	12	2.019	
459	7/22/2009 04:31	15.34	50.223	32.93		8.2	12.8	1.846	
460	7/22/2009 04:46	15.69	50.239	32.95		8	11.2	1.666	
461	7/22/2009 05:01	16.14	50.267	32.98		8.2	11.5	1.491	
462	7/22/2009 05:16	16.35	50.281	32.99		7.99	12	1.322	
463	7/22/2009 05:31	16.44	50.275	32.99		8.19	11.7	1.155	
464	7/22/2009 05:46	16.67	50.297	33.01		8.18	15.4	0.999	
465	7/22/2009 06:01	17	50.338	33.05		7.98	12.3	0.873	
466	7/22/2009 06:16	17.01	50.324	33.04		8.18	11	0.764	
467	7/22/2009 06:31	17.28	50.39	33.09		7.96	9.2	0.714	
468	7/22/2009 06:46	17.22	50.372	33.07		7.97	10.4	0.738	
469	7/22/2009 07:01	17.12	50.348	33.05		7.98	9.4	0.793	
470	7/22/2009 07:16	17.16	50.374	33.07		8.18	9	0.893	
471	7/22/2009 07:31	17.34	50.4	33.09		8.18	13.5	1.005	
472	7/22/2009 07:46	17.59	50.442	33.13		8.19	9.8	1.107	
473	7/22/2009 08:01	17.6	50.439	33.13		8.19	8.6	1.193	
474	7/22/2009 08:16	17.55	50.433	33.12		8.19	8.2	1.248	
475	7/22/2009 08:31	17.65	50.281	33.01		8.17	11.5	1.323	
476	7/22/2009 08:46	17.61	50.273	33		7.97	14.5	1.427	
477	7/22/2009 09:01	17.52	50.306	33.03		7.97	14.6	1.515	
478	7/22/2009 09:16	17.36	50.289	33.01		7.97	16.9	1.615	
479	7/22/2009 09:31	17.09	50.291	33.01		7.98	15	1.749	
480	7/22/2009 09:46	16.92	50.296	33.01		8.17	14	1.877	
481	7/22/2009 10:01	16.61	50.273	32.99		7.98	14	1.98	
482	7/22/2009 10:16	16.46	50.263	32.98		7.99	13.1	2.111	
483	7/22/2009 10:31	16.38	50.256	32.98		7.99	13.5	2.251	
484	7/22/2009 10:46	16.31	50.252	32.97		7.99	13.4	2.372	
485	7/22/2009 11:01	16.17	50.24	32.96		8.19	13.5	2.478	
486	7/22/2009 11:16	16	50.224	32.95		8	13.8	2.596	
487	7/22/2009 11:31	15.81	50.203	32.93		8.19	14.7	2.699	
488	7/22/2009 11:46	15.34	50.168	32.89		7.98	16.7	2.797	
489	7/22/2009 12:01	14.54	50.149	32.86		7.97	16.3	2.88	
490	7/22/2009 12:16	13.67	50.133	32.82		7.95	17.8	2.968	
491	7/22/2009 12:31	13.11	50.133	32.8		8.17	19.1	3.061	
492	7/22/2009 12:46	12.94	50.144	32.8		7.7	19.3	3.132	
493	7/22/2009 13:01	12.69	50.168	32.81		8.17		3.198	
494	7/22/2009 13:16	12.22	50.176	32.79		8.04	16.8	3.262	
495	7/22/2009 13:31	11.82	50.206	32.8		8.01	15.3	3.315	
496	7/22/2009 13:46	11.56	50.217	32.79		8.1	10.3	3.347	
497	7/22/2009 14:01	11.35	50.226	32.79		8.1	4.7	3.352	
498	7/22/2009 14:16	11.79	50.283	32.85		8.11	7.1	3.356	
499	7/22/2009 14:31	11.48	50.218	32.79		8.09	10.2	3.326	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
500	7/22/2009 14:46	11.68	50.206	32.79		8.11	14.2	3.254	
501	7/22/2009 15:01	12.76	50.184	32.82		8.17	16.9	3.171	
502	7/22/2009 15:16	13.3	50.15	32.82		8.22	14.3	3.078	
503	7/22/2009 15:31	14.02	50.151	32.85		8.24	16.5	2.984	
504	7/22/2009 15:46	14.78	50.174	32.88		8.25	16.2	2.888	
505	7/22/2009 16:01	15.27	50.194	32.91		8.06	14.8	2.775	
506	7/22/2009 16:16	15.71	50.191	32.92		8.06	12.5	2.687	
507	7/22/2009 16:31	15.96	50.186	32.92		8.09	12	2.596	
508	7/22/2009 16:46	15.6	50.156	32.89		8.09	9.4	2.511	
509	7/22/2009 17:01	15.91	50.185	32.92		8.29	9.8	2.423	
510	7/22/2009 17:16	16.27	50.191	32.93		8.1	9.2	2.343	
511	7/22/2009 17:31	16.54	50.215	32.95		8.1	8.7	2.272	
512	7/22/2009 17:46	16.62	50.204	32.94		8.11	7.9	2.204	
513	7/22/2009 18:01	16.85	50.224	32.96		8.11	7.4	2.135	
514	7/22/2009 18:16	17.08	50.245	32.98		8.11	7.4	2.095	
515	7/22/2009 18:31	17.44	50.263	32.99		8.12	6.3	2.078	
516	7/22/2009 18:46	17.87	50.287	33.02		8.12	6.1	2.062	
517	7/22/2009 19:01	17.74	50.438	33.13		8.11	6.7	2.073	
518	7/22/2009 19:16	17.78	50.324	33.04		8.11	6.2	2.116	
519	7/22/2009 19:31	17.66	50.291	33.02		8.1	7	2.16	
520	7/22/2009 19:46	17.72	50.305	33.03		8.1	7.9	2.227	
521	7/22/2009 20:01	17.57	50.296	33.02		8.27	9.3	2.314	
522	7/22/2009 20:16	17.74	50.247	32.99		8.08	11.3	2.401	
523	7/22/2009 20:31	17.4	50.237	32.98		8.08	11.7	2.494	
524	7/22/2009 20:46	17	50.234	32.97		8.07	10.6	2.575	
525	7/22/2009 21:01	16.62	50.216	32.95		8.25	12.3	2.671	
526	7/22/2009 21:16	15.41	50.182	32.9		8.23	11.6	2.766	
527	7/22/2009 21:31	15.03	50.176	32.89		8.22	13.9	2.855	
528	7/22/2009 21:46	14.66	50.173	32.88		8.21	12.1	2.95	
529	7/22/2009 22:01	14.43	50.168	32.87		8.21	11.8	3.053	
530	7/22/2009 22:16	13.79	50.163	32.85		8.19	12.9	3.152	
531	7/22/2009 22:31	13.39	50.176	32.84		8.18	14.1	3.252	
532	7/22/2009 22:46	12.58	50.18	32.81		8.15	15	3.363	
533	7/22/2009 23:01	12.03	50.201	32.8		8.13	15.4	3.467	
534	7/22/2009 23:16	11.55	50.224	32.8		7.63	13.9	3.574	
535	7/22/2009 23:31	11.29	50.237	32.79		7.63	12.7	3.67	
536	7/22/2009 23:46	11.16	50.234	32.78		7.63	10.6	3.758	
537	7/23/2009 00:01	11.06	50.236	32.78		8.12	9.6	3.852	
538	7/23/2009 00:16	10.91	50.242	32.77		8.12	7.4	3.917	
539	7/23/2009 00:31	10.84	50.236	32.77		7.62	5.6	3.964	
540	7/23/2009 00:46	10.82	50.25	32.77		8.11	5.1	4.018	
541	7/23/2009 01:01	10.7	50.263	32.78		7.6	2.4	4.037	
542	7/23/2009 01:16	11.18	50.225	32.78		8.12	5.6	4.013	
543	7/23/2009 01:31	11.21	50.205	32.76		7.62	7.4	3.976	
544	7/23/2009 01:46	11.08	50.229	32.77		8.11	7	3.917	
545	7/23/2009 02:01	11.37	50.228	32.79		7.63	9.2	3.828	
546	7/23/2009 02:16	11.49	50.235	32.8		8.12	7.3	3.712	
547	7/23/2009 02:31	12.58	50.192	32.82		7.68	8.2	3.578	
548	7/23/2009 02:46	12.39	50.212	32.83		8.16	13.1	3.446	
549	7/23/2009 03:01	12.38	50.213	32.83		8.16	11.8	3.322	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
550	7/23/2009 03:16	12.69	50.209	32.84		8.16	10.8	3.173	
551	7/23/2009 03:31	13.11	50.208	32.86		8.16	9.3	3.023	
552	7/23/2009 03:46	14.25	50.206	32.89		8.18	11.4	2.885	
553	7/23/2009 04:01	14.94	50.19	32.9		8.18	9.9	2.739	
554	7/23/2009 04:16	15.1	50.218	32.92		8.19	11.4	2.583	
555	7/23/2009 04:31	14.67	50.23	32.92		8.18	9.9	2.412	
556	7/23/2009 04:46	14.85	50.192	32.9		8.17	10.5	2.239	
557	7/23/2009 05:01	14.94	50.22	32.92		7.74	11.5	2.071	
558	7/23/2009 05:16	15.2	50.24	32.94		7.75	13.6	1.915	
559	7/23/2009 05:31	15.54	49.464	32.38		7.98	12.8	1.741	
560	7/23/2009 05:46	15.66	50.265	32.97		7.99	12.9	1.565	
561	7/23/2009 06:01	16.19	50.279	32.99		8.18	13.7	1.395	
562	7/23/2009 06:16	16.24	50.285	33		8.17	16.1	1.23	
563	7/23/2009 06:31	16.44	50.299	33.01		8.17	16.4	1.068	
564	7/23/2009 06:46	16.74	50.333	33.04		8.16	14.8	0.949	
565	7/23/2009 07:01	16.92	50.334	33.04		8.16	10.6	0.84	
566	7/23/2009 07:16	16.51	50.313	33.02		8.15	12.8	0.8	
567	7/23/2009 07:31	16.9	50.343	33.05		8.16	10.4	0.787	
568	7/23/2009 07:46	16.98	50.343	33.05		8.16	9.6	0.854	
569	7/23/2009 08:01	17.13	50.36	33.06		8.16	9.3	0.943	
570	7/23/2009 08:16	17.28	50.375	33.08		8.15	9.6	1.04	
571	7/23/2009 08:31	17.58	50.418	33.11		8.17	8.9	1.158	
572	7/23/2009 08:46	17.55	50.409	33.1		7.99	10	1.245	
573	7/23/2009 09:01	17.66	50.307	33.03		7.97	12.3	1.324	
574	7/23/2009 09:16	17.71	50.187	32.94		7.97	16.7	1.416	
575	7/23/2009 09:31	17.54	50.254	32.99		7.96	17.6	1.506	
576	7/23/2009 09:46	17.41	50.264	33		7.96	16.2	1.616	
577	7/23/2009 10:01	17.12	50.282	33.01		7.97	15.7	1.723	
578	7/23/2009 10:16	16.92	50.285	33.01		8.16	13.4	1.847	
579	7/23/2009 10:31	16.62	50.27	32.99		8.08	14.6	1.969	
580	7/23/2009 10:46	16.36	50.256	32.98		8.16	13.2	2.089	
581	7/23/2009 11:01	16.26	50.252	32.97		8.16	13.6	2.223	
582	7/23/2009 11:16	16.18	50.245	32.97		8.17	12.9	2.351	
583	7/23/2009 11:31	16.07	50.228	32.95		7.97	14.4	2.468	
584	7/23/2009 11:46	15.86	50.229	32.95		8.17	13.9	2.581	
585	7/23/2009 12:01	15.61	50.208	32.93		8.17	14.4	2.692	
586	7/23/2009 12:16	15.12	50.172	32.89		8.17	15.8	2.801	
587	7/23/2009 12:31	14.41	50.154	32.86		8.16	15.7	2.892	
588	7/23/2009 12:46	13.58	50.18	32.85		8.14	17.1	2.989	
589	7/23/2009 13:01	12.95	50.188	32.84		7.66	16.8	3.078	
590	7/23/2009 13:16	12.62	50.182	32.82		7.66	17.2	3.175	
591	7/23/2009 13:31	12.27	50.2	32.81		7.64	15.6	3.252	
592	7/23/2009 13:46	11.84	50.208	32.8		7.62	14.8	3.317	
593	7/23/2009 14:01	11.6	50.21	32.79		7.6	13.4	3.394	
594	7/23/2009 14:16	11.26	50.213	32.77		7.57	8.9	3.449	
595	7/23/2009 14:31	11.19	50.329	32.85		8.06	6.7	3.473	
596	7/23/2009 14:46	11.63	50.182	32.77		7.6	7.3	3.482	
597	7/23/2009 15:01	11.39	50.269	32.82		7.57	8	3.479	
598	7/23/2009 15:16	11.08	50.244	32.79		7.55	7	3.438	
599	7/23/2009 15:31	11.34	50.255	32.81		7.57	11	3.359	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
600	7/23/2009 15:46	12.8	50.173	32.82		7.7	17.8	3.258	
601	7/23/2009 16:01	13.3	50.183	32.84		8.2	14.5	3.164	
602	7/23/2009 16:16	14.17	50.166	32.86		8.22	13.9	3.062	
603	7/23/2009 16:31	14.36	50.181	32.88		7.78	13.4	2.943	
604	7/23/2009 16:46	14.74	50.178	32.89		8.23	12.7	2.831	
605	7/23/2009 17:01	15.41	50.175	32.9		8.24	14.5	2.739	
606	7/23/2009 17:16	15.9	50.206	32.93		8.25	12.6	2.638	
607	7/23/2009 17:31	16.01	50.203	32.93		8.27	10.3	2.525	
608	7/23/2009 17:46	15.47	50.191	32.91		8.06	9.4	2.452	
609	7/23/2009 18:01	15.78	50.204	32.93		8.25	10.1	2.352	
610	7/23/2009 18:16	16.08	50.199	32.93		8.26	9.2	2.247	
611	7/23/2009 18:31	16.07	50.222	32.95		8.26	7.6	2.166	
612	7/23/2009 18:46	16.6	50.245	32.97		8.27	7.5	2.102	
613	7/23/2009 19:01	16.66	50.257	32.98		8.27	7	2.036	
614	7/23/2009 19:16	17.09	50.273	33		8.08	6.5	1.969	
615	7/23/2009 19:31	17.35	50.298	33.02		8.26	6.1	1.945	
616	7/23/2009 19:46	17.72	50.245	32.98		8.08	5.7	1.967	
617	7/23/2009 20:01	17.78	50.308	33.03		8.07	6.7	1.965	
618	7/23/2009 20:16	17.65	50.324	33.04		8.07	6.5	2.001	
619	7/23/2009 20:31	17.37	50.299	33.02		8.06	8.5	2.061	
620	7/23/2009 20:46	17.3	50.278	33		8.06	8.7	2.143	
621	7/23/2009 21:01	17.31	50.258	32.99		8.24	9.9	2.226	
622	7/23/2009 21:16	17.49	50.202	32.95		8.24	11.1	2.324	
623	7/23/2009 21:31	17.11	50.218	32.96		8.23	10.7	2.414	
624	7/23/2009 21:46	16.73	50.21	32.95		8.04	10.4	2.507	
625	7/23/2009 22:01	16.19	50.197	32.93		8.23	11.5	2.603	
626	7/23/2009 22:16	15.63	50.204	32.93		8.21	10.6	2.696	
627	7/23/2009 22:31	15.3	50.199	32.92		8.2	11.4	2.791	
628	7/23/2009 22:46	14.9	50.185	32.9		8.19	12.1	2.884	
629	7/23/2009 23:01	14.32	50.175	32.87		7.74	10.7	2.976	
630	7/23/2009 23:16	13.78	50.173	32.85		7.72	11.5	3.085	
631	7/23/2009 23:31	13.43	50.18	32.85		8.15	13.8	3.185	
632	7/23/2009 23:46	12.83	50.177	32.82		8.13	13.8	3.285	
633	7/24/2009 00:01	12	50.215	32.81		7.62	12.9	3.383	
634	7/24/2009 00:16	11.55	50.244	32.81		7.6	12.6	3.476	
635	7/24/2009 00:31	11.31	50.243	32.8		7.59	12.6	3.579	
636	7/24/2009 00:46	11.13	50.251	32.79		7.59	10.1	3.671	
637	7/24/2009 01:01	11.04	50.254	32.79		7.59	9.2	3.748	
638	7/24/2009 01:16	11.01	50.253	32.79		8.07	6.9	3.814	
639	7/24/2009 01:31	11.18	50.119	32.7		7.58	7.9	3.859	
640	7/24/2009 01:46	10.92	50.232	32.77		7.57	4.2	3.892	
641	7/24/2009 02:01	11.44	50.241	32.8		7.6	6.1	3.888	
642	7/24/2009 02:16	11.02	50.293	32.82		7.57	5.9	3.882	
643	7/24/2009 02:31	11.24	50.272	32.81		7.58	9	3.838	
644	7/24/2009 02:46	11.21	50.25	32.8		7.58	8.6	3.746	
645	7/24/2009 03:01	11.66	50.237	32.81		7.6	8.5	3.653	
646	7/24/2009 03:16	12.3	50.222	32.83		7.63	8.4	3.549	
647	7/24/2009 03:31	12.25	50.239	32.84		7.64	12.2	3.433	
648	7/24/2009 03:46	12.04	50.243	32.83		7.63	11.5	3.296	
649	7/24/2009 04:01	12.38	50.208	32.83		7.89	11.3	3.163	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
650	7/24/2009 04:16	12.89	50.214	32.85		8.12	10.7	3.044	
651	7/24/2009 04:31	13.57	50.22	32.88		8.13	10.6	2.901	
652	7/24/2009 04:46	14.25	50.207	32.89		8.15	9.6	2.753	
653	7/24/2009 05:01	14.67	50.21	32.91		7.73	10.9	2.614	
654	7/24/2009 05:16	15.16	50.233	32.94		8.14	11.1	2.464	
655	7/24/2009 05:31	14.67	50.219	32.91		8.14	9.8	2.31	
656	7/24/2009 05:46	14.49	50.225	32.91		8.13	10.5	2.148	
657	7/24/2009 06:01	14.65	50.2	32.9		7.7	12.1	1.988	
658	7/24/2009 06:16	14.97	50.24	32.94		7.71	12.4	1.813	
659	7/24/2009 06:31	15.15	50.249	32.95		8.14	12.6	1.676	
660	7/24/2009 06:46	15.57	50.263	32.97		8.14	11.8	1.515	
661	7/24/2009 07:01	15.87	50.264	32.97		8.14	12.8	1.353	
662	7/24/2009 07:16	15.99	50.284	32.99		8.13	12.3	1.226	
663	7/24/2009 07:31	16.44	50.289	33		8.14	12.3	1.1	
664	7/24/2009 07:46	16.58	50.325	33.03		7.95	12.5	1.013	
665	7/24/2009 08:01	16.72	50.322	33.03		8.13	11.5	0.963	
666	7/24/2009 08:16	16.53	50.309	33.02		8.13	11.4	0.954	
667	7/24/2009 08:31	16.7	50.31	33.02		8.13	9.4	0.992	
668	7/24/2009 08:46	16.94	50.36	33.06		8.13	9.1	1.08	
669	7/24/2009 09:01	16.97	50.366	33.07		7.95	8.5	1.158	
670	7/24/2009 09:16	17.16	50.379	33.08		8.14	8.6	1.266	
671	7/24/2009 09:31	17.05	50.356	33.06		7.97	8.6	1.363	
672	7/24/2009 09:46	17.17	50.246	32.98		7.95	13	1.456	
673	7/24/2009 10:01	17.19	50.201	32.95		7.94	15.6	1.567	
674	7/24/2009 10:16	16.95	50.266	32.99		7.95	16.4	1.653	
675	7/24/2009 10:31	16.79	50.265	32.99		8.13	11.5	1.76	
676	7/24/2009 10:46	16.72	50.272	32.99		7.95	11.7	1.869	
677	7/24/2009 11:01	16.5	50.277	32.99		7.95	12	1.999	
678	7/24/2009 11:16	16.28	50.257	32.98		8.14	12.1	2.113	
679	7/24/2009 11:31	16.05	50.251	32.97		8.14	11	2.228	
680	7/24/2009 11:46	16	50.254	32.97		8.15	13.4	2.363	
681	7/24/2009 12:01	15.75	50.239	32.95		8.15	13.8	2.476	
682	7/24/2009 12:16	15.6	50.209	32.93		7.97	13.7	2.597	
683	7/24/2009 12:31	15.38	50.209	32.92		8.16	13.7	2.701	
684	7/24/2009 12:46	14.9	50.175	32.89		8.15	14.6	2.808	
685	7/24/2009 13:01	14.4	50.169	32.87		8.14	15	2.919	
686	7/24/2009 13:16	13.32	50.179	32.84		8.12	14.6	3.009	
687	7/24/2009 13:31	13.11	50.185	32.84		8.12	14.7	3.121	
688	7/24/2009 13:46	12.61	50.193	32.82		7.65	14	3.218	
689	7/24/2009 14:01	12.48	50.202	32.82		7.65	13.9	3.312	
690	7/24/2009 14:16	11.99	50.194	32.8		7.64	12.3	3.398	
691	7/24/2009 14:31	11.82	50.232	32.82		7.64	10.6	3.474	
692	7/24/2009 14:46	11.74	50.224	32.81		7.65	9.7	3.543	
693	7/24/2009 15:01	11.64	50.165	32.76		7.84	8.7	3.589	
694	7/24/2009 15:16	11.68	50.17	32.76		7.65	3.9	3.615	
695	7/24/2009 15:31	12.13	50.177	32.79		7.66	7.5	3.617	
696	7/24/2009 15:46	11.73	50.175	32.77		8.13	7.4	3.59	
697	7/24/2009 16:01	11.68	50.179	32.77		7.65	8.9	3.533	
698	7/24/2009 16:16	12.11	50.197	32.8		7.67	12.9	3.451	
699	7/24/2009 16:31	12.82	50.166	32.81		8.18	12.8	3.357	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
700	7/24/2009 16:46	13.14	50.169	32.83		7.97	12.3	3.236	
701	7/24/2009 17:01	14.06	50.177	32.87		8.21	12.8	3.113	
702	7/24/2009 17:16	14.32	50.135	32.84		8.22	12.3	3.013	
703	7/24/2009 17:31	14.56	50.179	32.88		8.22	11.7	2.899	
704	7/24/2009 17:46	15.32	50.196	32.91		8.24	10.6	2.802	
705	7/24/2009 18:01	15.95	50.201	32.93		8.25	10.5	2.689	
706	7/24/2009 18:16	16.26	50.21	32.94		8.27	9.7	2.583	
707	7/24/2009 18:31	16.24	50.207	32.94		8.26	10.1	2.49	
708	7/24/2009 18:46	15.97	50.203	32.93		8.26	9.2	2.363	
709	7/24/2009 19:01	15.95	50.202	32.93		8.26	9	2.282	
710	7/24/2009 19:16	16.19	50.215	32.94		8.26	8.4	2.189	
711	7/24/2009 19:31	16.68	50.244	32.97		8.27	7.7	2.093	
712	7/24/2009 19:46	16.81	50.288	33.01		8.28	7.6	2.007	
713	7/24/2009 20:01	17.18	50.283	33.01		8.27	9.2	1.949	
714	7/24/2009 20:16	17.15	50.292	33.01		8.27	8.4	1.911	
715	7/24/2009 20:31	17.86	50.31	33.03		8.09	7.6	1.876	
716	7/24/2009 20:46	17.94	50.335	33.05		8.26	6.7	1.867	
717	7/24/2009 21:01	17.87	50.342	33.06		8.08	7.8	1.893	
718	7/24/2009 21:16	17.81	50.33	33.05		8.08	8.9	1.935	
719	7/24/2009 21:31	17.54	50.31	33.03		8.07	8.9	1.995	
720	7/24/2009 21:46	17.4	50.295	33.02		8.25	9.5	2.077	
721	7/24/2009 22:01	17.59	50.271	33		8.23	10.7	2.171	
722	7/24/2009 22:16	17.78	50.24	32.98		8.23	13.1	2.271	
723	7/24/2009 22:31	17.41	50.238	32.98		8.05	11.7	2.361	
724	7/24/2009 22:46	17.13	50.243	32.98		8.05	11.2	2.453	
725	7/24/2009 23:01	16.8	50.23	32.96		8.04	12.3	2.538	
726	7/24/2009 23:16	16.1	50.202	32.93		8.2	10.7	2.641	
727	7/24/2009 23:31	15.74	50.204	32.93		8.19	10.4	2.726	
728	7/24/2009 23:46	15.41	50.19	32.91		8.19	10	2.808	
729	7/25/2009 00:01	15.02	50.189	32.9		8.18	9.6	2.907	
730	7/25/2009 00:16	14.56	50.174	32.88		7.91	9.9	2.992	
731	7/25/2009 00:31	14.32	50.174	32.87		7.74	11.8	3.088	
732	7/25/2009 00:46	13.87	50.142	32.83		8.17	12	3.179	
733	7/25/2009 01:01	13.21	50.15	32.82		7.71	11.8	3.264	
734	7/25/2009 01:16	12.76	50.15	32.8		8.15	11.3	3.358	
735	7/25/2009 01:31	12.3	50.095	32.74		7.92	10.1	3.438	
736	7/25/2009 01:46	12.13	50.154	32.77		8.14	9.8	3.516	
737	7/25/2009 02:01	11.95	50.12	32.74		8.14	9.2	3.581	
738	7/25/2009 02:16	11.86	50.101	32.72		7.68	6.7	3.639	
739	7/25/2009 02:31	11.87	50.216	32.81		7.68	6.6	3.673	
740	7/25/2009 02:46	12.16	50.106	32.74		7.69	5.7	3.69	
741	7/25/2009 03:01	11.94	50.163	32.77		8.13	6.5	3.693	
742	7/25/2009 03:16	11.8	50.165	32.77		8.13	6.2	3.668	
743	7/25/2009 03:31	11.87	50.18	32.78		7.93	10.1	3.614	
744	7/25/2009 03:46	12.31	50.165	32.79		8.03	10.1	3.533	
745	7/25/2009 04:01	13.16	50.168	32.83		8.15	10.7	3.442	
746	7/25/2009 04:16	13.69	50.186	32.86		7.72	9	3.334	
747	7/25/2009 04:31	13.65	50.182	32.86		7.72	10.2	3.217	
748	7/25/2009 04:46	13.52	50.196	32.86		8.15	9.9	3.098	
749	7/25/2009 05:01	13.99	50.183	32.87		8.15	9.3	2.979	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
750	7/25/2009 05:16	14.62	50.183	32.89		8.14	9.5	2.857	
751	7/25/2009 05:31	15.26	50.222	32.93		8.14	9.6	2.727	
752	7/25/2009 05:46	15.49	50.23	32.94		8.14	8.7	2.603	
753	7/25/2009 06:01	15.5	50.251	32.96		8.14	10.6	2.472	
754	7/25/2009 06:16	15.18	50.205	32.92		8.13	10.4	2.324	
755	7/25/2009 06:31	15.1	50.238	32.94		8.13	13.2	2.174	
756	7/25/2009 06:46	14.94	50.229	32.93		8.13	12	2.041	
757	7/25/2009 07:01	15.29	50.271	32.97		8.14	12.3	1.885	
758	7/25/2009 07:16	15.31	50.248	32.95		8.13	11.9	1.738	
759	7/25/2009 07:31	15.66	50.25	32.96		8.13	12.9	1.609	
760	7/25/2009 07:46	15.92	50.266	32.98		8.13	11.7	1.471	
761	7/25/2009 08:01	16.16	50.286	33		8.13	11.3	1.366	
762	7/25/2009 08:16	16.55	50.318	33.02		7.95	10.6	1.267	
763	7/25/2009 08:31	16.46	50.31	33.02		8.12	10.4	1.209	
764	7/25/2009 08:46	16.76	50.334	33.04		8.12	9.2	1.173	
765	7/25/2009 09:01	16.52	50.315	33.02		8.12	10.5	1.198	
766	7/25/2009 09:16	16.8	50.336	33.04		8.12	8.4	1.226	
767	7/25/2009 09:31	16.95	50.345	33.05		7.95	9.1	1.299	
768	7/25/2009 09:46	17.14	50.37	33.07		8.13	10.4	1.384	
769	7/25/2009 10:01	17.1	50.361	33.06		8.13	11.3	1.474	
770	7/25/2009 10:16	17.12	50.327	33.04		8.13	12.5	1.565	
771	7/25/2009 10:31	17.22	50.278	33		7.76	17.3	1.675	
772	7/25/2009 10:46	17.08	50.293	33.01		7.96		1.771	
773	7/25/2009 11:01	16.82	50.287	33.01		8.05	12.1	1.86	
774	7/25/2009 11:16	16.76	50.288	33.01		8.13	11.7	1.967	
775	7/25/2009 11:31	16.73	50.293	33.01		8.13	11.6	2.083	
776	7/25/2009 11:46	16.47	50.276	32.99		8.05	12	2.19	
777	7/25/2009 12:01	16.27	50.26	32.98		8.13	11.2	2.299	
778	7/25/2009 12:16	16.13	50.247	32.97		8.14	10.8	2.423	
779	7/25/2009 12:31	15.97	50.232	32.95		8.15	13.3	2.53	
780	7/25/2009 12:46	15.7	50.221	32.94		8.15	12.2	2.634	
781	7/25/2009 13:01	15.48	50.206	32.92		8.15	12.1	2.748	
782	7/25/2009 13:16	15.31	50.165	32.89		8.16	14.2	2.853	
783	7/25/2009 13:31	14.8	50.144	32.86		7.75	11.8	2.953	
784	7/25/2009 13:46	14.21	50.122	32.83		8.16	12.9	3.056	
785	7/25/2009 14:01	13.3	50.148	32.82		7.71	12.6	3.156	
786	7/25/2009 14:16	12.8	50.146	32.8		7.7	12.1	3.25	
787	7/25/2009 14:31	12.81	50.142	32.8		8.15	11.7	3.346	
788	7/25/2009 14:46	12.5	50.163	32.8		7.7	9.9	3.442	
789	7/25/2009 15:01	12.47	50.172	32.8		8.15	9.9	3.525	
790	7/25/2009 15:16	12.02	50.176	32.79		7.69	8	3.596	
791	7/25/2009 15:31	11.85	50.179	32.78		7.94	7.2	3.652	
792	7/25/2009 15:46	11.72	50.231	32.81		7.7	6	3.688	
793	7/25/2009 16:01	11.77	50.046	32.68		7.7	3.9	3.719	
794	7/25/2009 16:16	12.06	50.156	32.77		7.7	7.5	3.695	
795	7/25/2009 16:31	11.73	50.157	32.76		7.7	9.5	3.649	
796	7/25/2009 16:46	12.25	50.088	32.73		7.72	7.9	3.589	
797	7/25/2009 17:01	12.85	50.131	32.79		7.99	11	3.493	
798	7/25/2009 17:16	13.77	49.845	32.61		8.02	11.4	3.381	
799	7/25/2009 17:31	14.22	50.164	32.86		8.24	12.2	3.272	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
800	7/25/2009 17:46	13.99	50.157	32.85		8.23	12.1	3.152	
801	7/25/2009 18:01	14.24	50.154	32.85		7.81	11.5	3.043	
802	7/25/2009 18:16	14.86	50.163	32.88		8.23	10.4	2.935	
803	7/25/2009 18:31	15.53	50.174	32.9		8.24	11.1	2.823	
804	7/25/2009 18:46	16.11	50.195	32.93		8.25	9.9	2.717	
805	7/25/2009 19:01	16.06	50.006	32.79		8.04	9	2.617	
806	7/25/2009 19:16	16.04	50.195	32.93		8.07	9.3	2.496	
807	7/25/2009 19:31	15.81	50.188	32.92		8.06	9.6	2.393	
808	7/25/2009 19:46	15.8	50.225	32.94		8.24	9.1	2.292	
809	7/25/2009 20:01	15.75	50.213	32.93		7.99	7.9	2.179	
810	7/25/2009 20:16	16.06	50.176	32.91		8.24	7.6	2.081	
811	7/25/2009 20:31	16.32	50.234	32.96		8.24	7.8	2.004	
812	7/25/2009 20:46	16.88	50.276	33		8.24	6.7	1.914	
813	7/25/2009 21:01	17.2	50.296	33.02		8.24	6.6	1.868	
814	7/25/2009 21:16	17.49	50.303	33.02		8.06	6.5	1.827	
815	7/25/2009 21:31	17.77	50.351	33.06		8.06	5.9	1.805	
816	7/25/2009 21:46	17.86	50.325	33.04		8.05	5.8	1.834	
817	7/25/2009 22:01	17.86	50.334	33.05		8.22	6.4	1.849	
818	7/25/2009 22:16	17.65	50.322	33.04		8.22	6.8	1.9	
819	7/25/2009 22:31	17.67	50.319	33.04		8.22	7.8	1.972	
820	7/25/2009 22:46	17.59	50.312	33.03		8.21	9	2.054	
821	7/25/2009 23:01	17.88	50.184	32.94		8.02	11.2	2.146	
822	7/25/2009 23:16	17.81	50.256	32.99		8.2	11.1	2.235	
823	7/25/2009 23:31	17.36	50.254	32.99		8.2	10.6	2.316	
824	7/25/2009 23:46	17.21	50.243	32.98		8.03	9.8	2.405	
825	7/26/2009 00:01	16.9	50.23	32.96		8.03	11.7	2.487	
826	7/26/2009 00:16	16.31	50.191	32.93		8	10.6	2.559	
827	7/26/2009 00:31	16.09	50.187	32.92		8.19	9.6	2.636	
828	7/26/2009 00:46	15.79	50.185	32.91		8.19	9	2.723	
829	7/26/2009 01:01	15.5	50.175	32.9		8.18	9.2	2.803	
830	7/26/2009 01:16	15.33	50.171	32.9		7.78	8.5	2.871	
831	7/26/2009 01:31	14.87	50.15	32.87		8.18	8.4	2.956	
832	7/26/2009 01:46	14.65	50.145	32.86		7.98	8.8	3.037	
833	7/26/2009 02:01	14.27	50.134	32.84		7.98	10.1	3.114	
834	7/26/2009 02:16	13.98	50.074	32.79		7.97	8.2	3.188	
835	7/26/2009 02:31	13.6	50.135	32.82		7.97	8.5	3.254	
836	7/26/2009 02:46	13.07	50.154	32.81		8.07	7.3	3.329	
837	7/26/2009 03:01	12.94	50.095	32.77		7.73	8.5	3.384	
838	7/26/2009 03:16	12.68	50.2	32.83		7.91	7.2	3.428	
839	7/26/2009 03:31	12.51	50.235	32.85		8.17	6.5	3.463	
840	7/26/2009 03:46	12.32	50.15	32.78		7.71	4.3	3.481	
841	7/26/2009 04:01	12.68	50.156	32.8		7.72	5.3	3.472	
842	7/26/2009 04:16	12.34	50.142	32.78		7.99	5.4	3.446	
843	7/26/2009 04:31	12.39	50.137	32.77		7.97	7.9	3.383	
844	7/26/2009 04:46	12.86	50.152	32.8		8	8.1	3.306	
845	7/26/2009 05:01	14.16	50.168	32.86		8.16	9.9	3.229	
846	7/26/2009 05:16	14.42	50.175	32.88		8.16	8.8	3.116	
847	7/26/2009 05:31	14.56	50.181	32.88		8.15	9.3	3.008	
848	7/26/2009 05:46	14.83	50.182	32.89		8.15	9.2	2.904	
849	7/26/2009 06:01	15.1	50.189	32.9		7.74	8.8	2.805	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
850	7/26/2009 06:16	15.72	50.23	32.95		8.12	8.9	2.695	
851	7/26/2009 06:31	15.92	50.239	32.96		7.94	9.5	2.58	
852	7/26/2009 06:46	15.86	50.249	32.96		8.11	10.4	2.462	
853	7/26/2009 07:01	15.79	50.238	32.95		8.12	9.3	2.362	
854	7/26/2009 07:16	15.6	50.233	32.95		7.94	8.6	2.232	
855	7/26/2009 07:31	15.46	50.223	32.94		8.12	8.1	2.1	
856	7/26/2009 07:46	15.37	50.219	32.93		8.12	8.3	1.991	
857	7/26/2009 08:01	15.64	50.24	32.95		8.13	8.8	1.886	
858	7/26/2009 08:16	15.85	50.238	32.95		8.13	11.4	1.763	
859	7/26/2009 08:31	16.19	50.242	32.96		8.13	9.5	1.658	
860	7/26/2009 08:46	16.42	50.24	32.97		7.94	10.8	1.591	
861	7/26/2009 09:01	16.68	50.294	33.01		7.95	10.1	1.53	
862	7/26/2009 09:16	16.83	50.293	33.01		7.95	8.5	1.467	
863	7/26/2009 09:31	17.08	50.326	33.04		7.99	7.1	1.461	
864	7/26/2009 09:46	17.02	50.357	33.06		8.11	7	1.496	
865	7/26/2009 10:01	17.17	50.328	33.04		7.95	6.7	1.514	
866	7/26/2009 10:16	17.02	50.314	33.03		7.94	7.4	1.567	
867	7/26/2009 10:31	17.16	50.335	33.04		8.12	7.3	1.651	
868	7/26/2009 10:46	17.18	50.337	33.05		8.12	8.9	1.73	
869	7/26/2009 11:01	17.25	50.31	33.03		8.12	11	1.821	
870	7/26/2009 11:16	17.37	50.283	33.01		8.05	14.1	1.91	
871	7/26/2009 11:31	17.14	50.277	33		8.04	12.9	1.992	
872	7/26/2009 11:46	16.91	50.266	32.99		7.76	11.3	2.096	
873	7/26/2009 12:01	16.74	50.257	32.98		8.05	11.4	2.198	
874	7/26/2009 12:16	16.53	50.249	32.97		8.12	10.3	2.287	
875	7/26/2009 12:31	16.26	50.225	32.95		8.13	11	2.389	
876	7/26/2009 12:46	16.16	50.217	32.94		8.14	10	2.495	
877	7/26/2009 13:01	16.13	50.204	32.93		8.15	11	2.595	
878	7/26/2009 13:16	15.99	50.199	32.93		8.08	11.3	2.689	
879	7/26/2009 13:31	15.81	50.175	32.91		7.99	10.6	2.785	
880	7/26/2009 13:46	15.58	50.141	32.88		8.18	10.6	2.887	
881	7/26/2009 14:01	15.2	50.102	32.84		7.99	12.1	2.981	
882	7/26/2009 14:16	14.71	50.1	32.83		8.2	12.4	3.081	
883	7/26/2009 14:31	14.35	50.121	32.83		7.79	12	3.172	
884	7/26/2009 14:46	13.34	50.104	32.79		7.75	12.2	3.27	
885	7/26/2009 15:01	12.77	50.124	32.78		7.74	11.7	3.356	
886	7/26/2009 15:16	12.56	50.133	32.78		8.01	11.5	3.449	
887	7/26/2009 15:31	12.54	50.076	32.74		8.01	10.1	3.527	
888	7/26/2009 15:46	12.25	50.204	32.82		8.06	8.8	3.595	
889	7/26/2009 16:01	12.09	50.171	32.78		7.73	8.1	3.655	
890	7/26/2009 16:16	11.93	50.157	32.77		7.72	6	3.691	
891	7/26/2009 16:31	11.8	50.16	32.76		7.72	4.5	3.713	
892	7/26/2009 16:46	12.34	50.146	32.78		7.97	5.9	3.713	
893	7/26/2009 17:01	11.93	50.15	32.76		7.72	5.8	3.692	
894	7/26/2009 17:16	12	50.136	32.76		7.96	7.9	3.627	
895	7/26/2009 17:31	12.61	50.132	32.78		7.99	8.9	3.561	
896	7/26/2009 17:46	13.52	50.108	32.8		7.83	9.6	3.464	
897	7/26/2009 18:01	14.43	50.12	32.84		8.25	10.8	3.366	
898	7/26/2009 18:16	14.7	50.155	32.87		7.86	9.8	3.246	
899	7/26/2009 18:31	14.64	50.119	32.84		8.25	11.5	3.145	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
900	7/26/2009 18:46	14.82	50.088	32.82		8.24	10.3	3.039	
901	7/26/2009 19:01	15.32	50.141	32.87		8.24	10.3	2.927	
902	7/26/2009 19:16	15.94	50.146	32.89		8.25	9.3	2.832	
903	7/26/2009 19:31	16.3	50.16	32.91		8.25	9.5	2.722	
904	7/26/2009 19:46	16.19	50.164	32.91		8.25	9.2	2.615	
905	7/26/2009 20:01	15.93	50.156	32.9		8.25	9.2	2.509	
906	7/26/2009 20:16	16.11	50.184	32.92		8.25	8.9	2.412	
907	7/26/2009 20:31	15.79	50.188	32.92		8.24	8.2	2.291	
908	7/26/2009 20:46	15.89	50.182	32.91		8.24	7.8	2.182	
909	7/26/2009 21:01	16.19	50.223	32.95		8.24	8	2.094	
910	7/26/2009 21:16	16.79	50.203	32.94		7.88	7	2.001	
911	7/26/2009 21:31	16.94	50.235	32.97		7.87	7.2	1.905	
912	7/26/2009 21:46	17.19	50.253	32.99		8.1	6.7	1.843	
913	7/26/2009 22:01	17.54	50.275	33		8.06	6.5	1.807	
914	7/26/2009 22:16	18	50.291	33.02		8.08	6.2	1.775	
915	7/26/2009 22:31	17.98	50.311	33.03		8.09	5.4	1.76	
916	7/26/2009 22:46	18.01	50.307	33.03		8.08	5.2	1.772	
917	7/26/2009 23:01	18.06	50.308	33.03		8.06	6.4	1.823	
918	7/26/2009 23:16	17.86	50.303	33.03		8.09	6.3	1.857	
919	7/26/2009 23:31	17.89	50.298	33.02		8.05	7.4	1.925	
920	7/26/2009 23:46	17.79	50.287	33.02		8.05	8.9	2.014	
921	7/27/2009 00:01	18.32	50.257	33		8.06	10.7	2.088	
922	7/27/2009 00:16	18.04	50.23	32.97		8.03	10.9	2.161	
923	7/27/2009 00:31	17.68	50.235	32.98		8.03	9.8	2.24	
924	7/27/2009 00:46	17.53	50.235	32.97		8.03	10.1	2.321	
925	7/27/2009 01:01	17.4	50.235	32.97		8.07	9.8	2.39	
926	7/27/2009 01:16	17.15	50.211	32.95		8.13	10.5	2.46	
927	7/27/2009 01:31	16.66	50.187	32.93		8.19	9.1	2.53	
928	7/27/2009 01:46	16.45	50.175	32.92		8.19	8.5	2.605	
929	7/27/2009 02:01	16.29	50.147	32.9		8.19	8.4	2.678	
930	7/27/2009 02:16	16.06	50.173	32.91		8.19	8.7	2.739	
931	7/27/2009 02:31	15.87	50.113	32.86		8.01	7.1	2.804	
932	7/27/2009 02:46	15.57	50.146	32.88		8.19	6.9	2.881	
933	7/27/2009 03:01	15.44	50.129	32.87		7.8	7.6	2.941	
934	7/27/2009 03:16	15.02	50.129	32.86		8.19	7	3	
935	7/27/2009 03:31	14.75	50.088	32.82		8	7.6	3.058	
936	7/27/2009 03:46	14.56	50.005	32.76		8.18	6.7	3.108	
937	7/27/2009 04:01	14.11	50.098	32.81		7.77	5.6	3.157	
938	7/27/2009 04:16	14.12	50.099	32.81		7.99	5.7	3.2	
939	7/27/2009 04:31	13.84	50.103	32.8		8.18	5.2	3.231	
940	7/27/2009 04:46	13.81	50.093	32.8		8.17	3.4	3.243	
941	7/27/2009 05:01	14.03	50.089	32.8		7.76	4.9	3.237	
942	7/27/2009 05:16	13.78	50.093	32.8		7.75	4.9	3.221	
943	7/27/2009 05:31	13.88	50.089	32.8		8.17	5	3.189	
944	7/27/2009 05:46	14.18	50.106	32.82		7.76	6.5	3.122	
945	7/27/2009 06:01	14.82	50.078	32.82		7.99	8.4	3.035	
946	7/27/2009 06:16	15.23	50.157	32.88		8.17	8.8	2.965	
947	7/27/2009 06:31	15.59	50.175	32.9		8.16	9.2	2.878	
948	7/27/2009 06:46	15.67	50.177	32.91		8.15	9	2.78	
949	7/27/2009 07:01	15.71	50.183	32.91		8.15	9.2	2.685	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
950	7/27/2009 07:16	15.86	50.175	32.91		8.14	9.1	2.598	
951	7/27/2009 07:31	15.93	50.213	32.94		7.89	9.5	2.502	
952	7/27/2009 07:46	16.1	50.199	32.93		7.75	8.1	2.415	
953	7/27/2009 08:01	16.04	50.209	32.94		8.12	7.4	2.314	
954	7/27/2009 08:16	15.86	50.192	32.92		8.14	7	2.216	
955	7/27/2009 08:31	16.11	50.21	32.94		8.15	6.3	2.143	
956	7/27/2009 08:46	16.19	50.214	32.94		8.15	6	2.043	
957	7/27/2009 09:01	16.35	50.216	32.95		7.92	5.9	1.957	
958	7/27/2009 09:16	16.6	50.235	32.96		7.79	5.7	1.893	
959	7/27/2009 09:31	16.74	50.242	32.97		8.16	5.6	1.842	
960	7/27/2009 09:46	17.04	50.258	32.99		8.16	5.7	1.811	
961	7/27/2009 10:01	17.31	50.271	33		8.16	5.1	1.781	
962	7/27/2009 10:16	17.4	50.28	33.01		7.79	4	1.766	
963	7/27/2009 10:31	17.48	50.283	33.01		8.02	5.4	1.803	
964	7/27/2009 10:46	17.46	50.331	33.05		8.09	5.2	1.826	
965	7/27/2009 11:01	17.35	50.271	33		7.98	5.2	1.862	
966	7/27/2009 11:16	17.35	50.272	33		7.97	6.6	1.921	
967	7/27/2009 11:31	17.39	50.283	33.01		7.8	7.3	1.996	
968	7/27/2009 11:46	17.41	50.283	33.01		8.02	9.2	2.07	
969	7/27/2009 12:01	17.5	50.255	32.99		8.01	10.9	2.153	
970	7/27/2009 12:16	17.14	50.232	32.97		8.14	9.2	2.221	
971	7/27/2009 12:31	16.98	50.233	32.97		8.08	7.9	2.3	
972	7/27/2009 12:46	16.76	50.209	32.95		8.14	8.2	2.4	
973	7/27/2009 13:01	16.59	50.193	32.93		8.15	8.7	2.472	
974	7/27/2009 13:16	16.33	50.164	32.91		8.16	7.6	2.557	
975	7/27/2009 13:31	16.2	50.153	32.9		7.79	8.9	2.646	
976	7/27/2009 13:46	16.08	50.147	32.89		8.17	9.4	2.737	
977	7/27/2009 14:01	15.83	50.124	32.87		8	9.6	2.823	
978	7/27/2009 14:16	15.62	50.115	32.86		8.19	8.9	2.904	
979	7/27/2009 14:31	15.36	50.087	32.83		7.8	9.3	2.992	
980	7/27/2009 14:46	14.94	50.026	32.78		8.01	10.1	3.089	
981	7/27/2009 15:01	14.45	50.055	32.79		8.22	10.8	3.178	
982	7/27/2009 15:16	14.07	50.003	32.74		7.81	10.6	3.264	
983	7/27/2009 15:31	13.44	50.077	32.77		8.05	11	3.352	
984	7/27/2009 15:46	12.97	50.071	32.75		7.99	12.1	3.44	
985	7/27/2009 16:01	12.75	50.115	32.77		8	11.9	3.519	
986	7/27/2009 16:16	12.68	50.081	32.75		8	10	3.587	
987	7/27/2009 16:31	12.48	50.117	32.76		8	7.4	3.645	
988	7/27/2009 16:46	12.3	50.16	32.79		7.99	6.3	3.693	
989	7/27/2009 17:01	12.2	50.111	32.75		7.98	4.2	3.726	
990	7/27/2009 17:16	12.49	49.82	32.55		7.98	5.1	3.729	
991	7/27/2009 17:31	12.34	50.135	32.77		8.03	6.3	3.709	
992	7/27/2009 17:46	12.26	50.116	32.75		8.03	7.8	3.68	
993	7/27/2009 18:01	12.51	50.102	32.75		7.77	7.5	3.624	
994	7/27/2009 18:16	13.59	50.076	32.78		8.06	10.3	3.54	
995	7/27/2009 18:31	14.18	50.073	32.79		8.11	10.7	3.45	
996	7/27/2009 18:46	14.89	50.103	32.84		8.28	9.3	3.36	
997	7/27/2009 19:01	15.06	50.112	32.85		8.28	9.5	3.26	
998	7/27/2009 19:16	15.16	50.103	32.84		8.28	9.5	3.162	
999	7/27/2009 19:31	15.2	50.086	32.83		8.27	8.4	3.057	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1000	7/27/2009 19:46	15.42	50.122	32.86		8.27	8.6	2.951	
1001	7/27/2009 20:01	16.06	50.092	32.85		8.27	8.6	2.858	
1002	7/27/2009 20:16	16.46	50.145	32.9		8.26	8.6	2.758	
1003	7/27/2009 20:31	16.56	50.152	32.9		8.26	9	2.65	
1004	7/27/2009 20:46	16.66	50.12	32.88		8.25	8.7	2.548	
1005	7/27/2009 21:01	16.54	50.162	32.91		8.26	8.7	2.46	
1006	7/27/2009 21:16	16.66	50.159	32.91		8.13	9.4	2.351	
1007	7/27/2009 21:31	16.27	50.178	32.92		8.25	8.6	2.247	
1008	7/27/2009 21:46	16.65	50.195	32.94		8.25	8.1	2.147	
1009	7/27/2009 22:01	16.86	50.199	32.94		8.25	7.3	2.062	
1010	7/27/2009 22:16	17.03	50.209	32.95		8.11	6.7	1.962	
1011	7/27/2009 22:31	17.53	50.236	32.98		8.12	6.3	1.888	
1012	7/27/2009 22:46	17.55	50.222	32.97		8.11	6.5	1.835	
1013	7/27/2009 23:01	18.03	50.266	33		8.07	5.8	1.788	
1014	7/27/2009 23:16	18.09	50.268	33		8.07	5.7	1.748	
1015	7/27/2009 23:31	18.25	50.269	33.01		8.07	5.2	1.745	
1016	7/27/2009 23:46	18.18	50.327	33.05		8.09	5.7	1.763	
1017	7/28/2009 00:01	18.28	50.302	33.03		8.09	5.8	1.775	
1018	7/28/2009 00:16	18.13	50.289	33.02		8.08	6.4	1.808	
1019	7/28/2009 00:31	18.1	50.277	33.01		8.06	6.1	1.876	
1020	7/28/2009 00:46	18.07	50.274	33.01		8.1	6.7	1.934	
1021	7/28/2009 01:01	18.2	50.249	32.99		8.08	8.4	1.984	
1022	7/28/2009 01:16	18.49	50.224	32.97		8.07	9.4	2.067	
1023	7/28/2009 01:31	18.55	50.255	33		8.04	11.8	2.13	
1024	7/28/2009 01:46	18.14	50.236	32.98		8.04	10.1	2.195	
1025	7/28/2009 02:01	17.93	50.225	32.97		8.08	9.4	2.26	
1026	7/28/2009 02:16	17.74	50.212	32.96		8.08	9.8	2.325	
1027	7/28/2009 02:31	17.55	50.202	32.95		8.21	10.2	2.384	
1028	7/28/2009 02:46	17.27	50.182	32.93		8.14	11	2.448	
1029	7/28/2009 03:01	17.02	50.157	32.91		7.84	9.6	2.52	
1030	7/28/2009 03:16	16.7	50.161	32.91		7.83	9	2.576	
1031	7/28/2009 03:31	16.55	50.148	32.9		7.96	9.3	2.641	
1032	7/28/2009 03:46	16.35	50.136	32.89		7.82	7.9	2.7	
1033	7/28/2009 04:01	16.18	50.143	32.89		8.2	7.4	2.749	
1034	7/28/2009 04:16	15.98	50.112	32.86		8.02	7.4	2.808	
1035	7/28/2009 04:31	15.7	50.102	32.85		8.01	7	2.856	
1036	7/28/2009 04:46	15.47	50.102	32.85		7.81	6.7	2.911	
1037	7/28/2009 05:01	15.39	50.074	32.83		7.96	6.2	2.944	
1038	7/28/2009 05:16	15.15	50.065	32.81		8.01	5.6	2.989	
1039	7/28/2009 05:31	15.12	49.988	32.76		8.19	6.3	3.02	
1040	7/28/2009 05:46	14.77	50.184	32.89		8	3.9	3.032	
1041	7/28/2009 06:01	14.78	50.072	32.81		7.76	3.5	3.049	
1042	7/28/2009 06:16	14.92	50.114	32.84		7.78	3.9	3.041	
1043	7/28/2009 06:31	14.73	50.087	32.82		7.78	4.1	3.014	
1044	7/28/2009 06:46	14.98	50.087	32.83		7.94	5.6	2.969	
1045	7/28/2009 07:01	15.31	50.101	32.84		7.79	7.3	2.913	
1046	7/28/2009 07:16	15.8	50.127	32.87		8.17	7.5	2.862	
1047	7/28/2009 07:31	16.06	50.168	32.91		7.78	8.7	2.781	
1048	7/28/2009 07:46	16.2	50.166	32.91		7.97	8.7	2.716	
1049	7/28/2009 08:01	16.16	50.159	32.9		7.78	9	2.649	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1050	7/28/2009 08:16	16.26	50.112	32.87		8		2.571	
1051	7/28/2009 08:31	16.2	50.163	32.91		8.09	7.8	2.503	
1052	7/28/2009 08:46	16.43	50.138	32.89		8.08	7.4	2.432	
1053	7/28/2009 09:01	16.57	50.174	32.92		8.15	7	2.372	
1054	7/28/2009 09:16	16.61	50.182	32.93		8.16	6.1	2.313	
1055	7/28/2009 09:31	16.79	50.176	32.92		8.17	5.8	2.258	
1056	7/28/2009 09:46	16.86	50.181	32.93		8.17	5.4	2.197	
1057	7/28/2009 10:01	17.08	50.183	32.93		8.05	5.1	2.145	
1058	7/28/2009 10:16	17.23	50.208	32.95		8.05	4.9	2.124	
1059	7/28/2009 10:31	17.39	50.214	32.96		7.96	4.9	2.102	
1060	7/28/2009 10:46	17.52	50.227	32.97		8.05	4.9	2.079	
1061	7/28/2009 11:01	17.57	50.243	32.98		7.92	4	2.084	
1062	7/28/2009 11:16	17.59	50.236	32.98		8.05	5.7	2.103	
1063	7/28/2009 11:31	17.59	50.226	32.97		8.06	5.2	2.115	
1064	7/28/2009 11:46	17.43	50.227	32.97		8.05	6.3	2.148	
1065	7/28/2009 12:01	17.42	50.176	32.93		8.04	6.8	2.19	
1066	7/28/2009 12:16	17.33	50.22	32.96		8	9.4	2.245	
1067	7/28/2009 12:31	17.39	50.194	32.94		7.94	10.1	2.306	
1068	7/28/2009 12:46	17.33	50.186	32.94		7.82	7.9	2.357	
1069	7/28/2009 13:01	17.09	50.162	32.92		8.04	7.4	2.434	
1070	7/28/2009 13:16	16.97	50.147	32.91		7.99	7.9	2.497	
1071	7/28/2009 13:31	16.78	50.137	32.9		7.99	8.2	2.561	
1072	7/28/2009 13:46	16.49	50.115	32.88		7.81	7.8	2.642	
1073	7/28/2009 14:01	16.34	50.107	32.87		7.83	7.2	2.706	
1074	7/28/2009 14:16	16.13	50.095	32.86		8.12	7.3	2.779	
1075	7/28/2009 14:31	15.97	50.069	32.83		7.97	7.5	2.859	
1076	7/28/2009 14:46	15.78	49.949	32.74		8.03	7.4	2.933	
1077	7/28/2009 15:01	15.48	50.044	32.81		8.21	7.7	3.01	
1078	7/28/2009 15:16	15.31	50.022	32.79		7.84	7.3	3.089	
1079	7/28/2009 15:31	14.75	50.025	32.77		8.13	8.7	3.177	
1080	7/28/2009 15:46	14.25	49.99	32.74		8.06	8.9	3.252	
1081	7/28/2009 16:01	13.71	50.026	32.74		8.03	7.9	3.339	
1082	7/28/2009 16:16	13.44	50.036	32.74		8.03	7.9	3.414	
1083	7/28/2009 16:31	13.19	50.007	32.71		8.01	8.5	3.486	
1084	7/28/2009 16:46	12.76	50.078	32.75		8.02	7.1	3.549	
1085	7/28/2009 17:01	12.46	50.077	32.73		7.95	7.2	3.602	
1086	7/28/2009 17:16	12.42	50.06	32.72		7.75	5.7	3.648	
1087	7/28/2009 17:31	12.32	50.104	32.75		7.97	3.9	3.683	
1088	7/28/2009 17:46	12.22	50.06	32.71		7.96	3.4	3.707	
1089	7/28/2009 18:01	12.4	50.015	32.69		7.73	2.7	3.709	
1090	7/28/2009 18:16	12.25	50.079	32.73		7.96	4.2	3.692	
1091	7/28/2009 18:31	12.21	50.068	32.72		7.74	4.8	3.66	
1092	7/28/2009 18:46	12.3	50.03	32.69		7.96	5.3	3.615	
1093	7/28/2009 19:01	13.32	49.978	32.7		8.05	6.4	3.553	
1094	7/28/2009 19:16	13.9	50.003	32.73		8.11	7.6	3.477	
1095	7/28/2009 19:31	14.39	50.025	32.76		8.1	7	3.39	
1096	7/28/2009 19:46	15.14	50.044	32.8		8.28	8.3	3.301	
1097	7/28/2009 20:01	15.22	50.076	32.82		8.11	8.1	3.207	
1098	7/28/2009 20:16	15.45	50.059	32.82		8.11	8.8	3.113	
1099	7/28/2009 20:31	15.49	50.064	32.82		7.89	7.4	3.018	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1100	7/28/2009 20:46	15.81	50.027	32.8		8.09	6.3	2.925	
1101	7/28/2009 21:01	16.17	49.977	32.77		8.08	7.4	2.831	
1102	7/28/2009 21:16	16.46	50.1	32.86		8.08	7.4	2.735	
1103	7/28/2009 21:31	16.46	50.074	32.84		8.07	7.3	2.636	
1104	7/28/2009 21:46	16.8	50.124	32.89		8.18	8.9	2.537	
1105	7/28/2009 22:01	16.69	50.125	32.89		8.02	7.6	2.455	
1106	7/28/2009 22:16	16.91	50.123	32.89		7.89	7.4	2.34	
1107	7/28/2009 22:31	17.05	50.156	32.91		8.07	8.3	2.247	
1108	7/28/2009 22:46	17.37	50.114	32.89		8.07	7.3	2.16	
1109	7/28/2009 23:01	17.63	49.696	32.58		8.07	6.6	2.071	
1110	7/28/2009 23:16	17.66	50.202	32.95		8.07	6.5	1.988	
1111	7/28/2009 23:31	17.72	50.221	32.97		7.89	5.7	1.909	
1112	7/28/2009 23:46	18.25	50.226	32.97		8.08	5.1	1.852	
1113	7/29/2009 00:01	18.42	49.787	32.65		8.08	4.9	1.803	
1114	7/29/2009 00:16	18.61	50.261	33		8.08	5	1.759	
1115	7/29/2009 00:31	18.7	50.166	32.93		8.08	5.1	1.742	
1116	7/29/2009 00:46	18.76	49.691	32.58		8.06	4.6	1.744	
1117	7/29/2009 01:01	18.69	50.252	32.99		8.07	5.1	1.752	
1118	7/29/2009 01:16	18.6	50.275	33.01		8.09	5.9	1.775	
1119	7/29/2009 01:31	18.5	50.177	32.94		8.07	6.5	1.823	
1120	7/29/2009 01:46	18.39	50.252	32.99		8.06	7	1.874	
1121	7/29/2009 02:01	18.32	50.244	32.99		8.07	7.1	1.922	
1122	7/29/2009 02:16	18.66	50.231	32.98		8.07	8.5	1.982	
1123	7/29/2009 02:31	18.81	50.219	32.97		8.05	11.4	2.052	
1124	7/29/2009 02:46	18.76	50.241	32.99		8.05	12.3	2.099	
1125	7/29/2009 03:01	18.55	50.221	32.97		8.07	10.7	2.171	
1126	7/29/2009 03:16	18.33	50.205	32.96		8.04	10.7	2.219	
1127	7/29/2009 03:31	18.21	50.199	32.95		8.05	10.6	2.271	
1128	7/29/2009 03:46	18.06	50.175	32.93		8.07	9.3	2.353	
1129	7/29/2009 04:01	17.7	50.178	32.93		8.08	9.7	2.388	
1130	7/29/2009 04:16	17.44	50.151	32.91		8.03	9.9	2.46	
1131	7/29/2009 04:31	17.27	50.112	32.88		8.02	9.9	2.517	
1132	7/29/2009 04:46	17.09	50.095	32.87		8.02	9.6	2.575	
1133	7/29/2009 05:01	17	50.063	32.84		8.01	9.2	2.63	
1134	7/29/2009 05:16	16.76	50.096	32.86		8.06	8.3	2.674	
1135	7/29/2009 05:31	16.61	50.085	32.86		8.19	8.2	2.741	
1136	7/29/2009 05:46	16.55	50.004	32.8		7.96	8.5	2.772	
1137	7/29/2009 06:01	16.22	50.039	32.82		8.01	6.2	2.816	
1138	7/29/2009 06:16	16.06	50.056	32.83		8.02	5.8	2.863	
1139	7/29/2009 06:31	15.95	50.081	32.84		8.01	5.7	2.883	
1140	7/29/2009 06:46	15.85	50.05	32.82		8.19	4.7	2.914	
1141	7/29/2009 07:01	15.8	49.913	32.72		7.99	3.2	2.918	
1142	7/29/2009 07:16	15.88	50.031	32.8		8.07	3.5	2.939	
1143	7/29/2009 07:31	15.69	50.066	32.83		8.14	3.5	2.929	
1144	7/29/2009 07:46	15.64	50.022	32.79		8.1	4.1	2.906	
1145	7/29/2009 08:01	15.69	50.017	32.79		8.09	4.9	2.885	
1146	7/29/2009 08:16	15.8	49.832	32.66		7.99	5.3	2.841	
1147	7/29/2009 08:31	16.08	50.014	32.79		7.99	6	2.799	
1148	7/29/2009 08:46	16.49	50.068	32.84		7.98	7.1	2.754	
1149	7/29/2009 09:01	16.63	50.094	32.86		8.07	6.8	2.704	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1150	7/29/2009 09:16	16.74	50.075	32.85		8.13	9	2.651	
1151	7/29/2009 09:31	16.76	50.081	32.85		7.97	8.2	2.599	
1152	7/29/2009 09:46	16.79	50.093	32.86		8.13	8.4	2.556	
1153	7/29/2009 10:01	16.9	49.979	32.78		7.97	7.4	2.507	
1154	7/29/2009 10:16	17.04	50.099	32.87		8.16	6.1	2.462	
1155	7/29/2009 10:31	17.23	50.107	32.88		8.04	6	2.429	
1156	7/29/2009 10:46	17.4	50.108	32.88		7.82	6.3	2.397	
1157	7/29/2009 11:01	17.52	49.961	32.77		8	5.7	2.365	
1158	7/29/2009 11:16	17.63	50.111	32.89		8.01	5.7	2.347	
1159	7/29/2009 11:31	17.72	50.115	32.89		8.05	5.4	2.337	
1160	7/29/2009 11:46	17.66	50.191	32.94		7.8	5.6	2.336	
1161	7/29/2009 12:01	17.78	50.107	32.88		8.03	5.1	2.332	
1162	7/29/2009 12:16	17.77	50.127	32.9		8.06	5.7	2.351	
1163	7/29/2009 12:31	17.65	50.146	32.91		7.84	7	2.38	
1164	7/29/2009 12:46	17.58	50.103	32.88		8.05	8.4	2.41	
1165	7/29/2009 13:01	17.49	49.93	32.75		8	8.2	2.451	
1166	7/29/2009 13:16	17.33	50.095	32.87		8	7.8	2.49	
1167	7/29/2009 13:31	17.19	50.067	32.85		8.04	8.2	2.537	
1168	7/29/2009 13:46	17.02	50.066	32.85		8.05	8.1	2.595	
1169	7/29/2009 14:01	16.87	50.052	32.83		8.1	6.7	2.64	
1170	7/29/2009 14:16	16.77	50.051	32.83		8	6.8	2.693	
1171	7/29/2009 14:31	16.5	49.994	32.79		8.05	6.5	2.75	
1172	7/29/2009 14:46	16.31	49.992	32.78		8.06	7	2.811	
1173	7/29/2009 15:01	16.16	49.999	32.79		8.07	7	2.869	
1174	7/29/2009 15:16	15.83	49.987	32.77		8.21	6.2	2.935	
1175	7/29/2009 15:31	15.6	49.963	32.75		7.84	6.1	3.004	
1176	7/29/2009 15:46	15.41	49.952	32.74		8.22	5.9	3.064	
1177	7/29/2009 16:01	15.05	49.997	32.76		8.22	6.3	3.141	
1178	7/29/2009 16:16	14.87	49.919	32.7		8.04	6.5	3.208	
1179	7/29/2009 16:31	14.39	49.9	32.67		8.04	6.5	3.279	
1180	7/29/2009 16:46	14.16	49.859	32.64		8.07	6.7	3.343	
1181	7/29/2009 17:01	13.81	49.943	32.69		8.07	6.8	3.405	
1182	7/29/2009 17:16	13.53	49.996	32.72		8.04	6.4	3.47	
1183	7/29/2009 17:31	13.37	49.945	32.67		8.05	5.6	3.517	
1184	7/29/2009 17:46	13.16	49.894	32.63		8.08	5.4	3.572	
1185	7/29/2009 18:01	13	49.969	32.68		8.05	4.5	3.61	
1186	7/29/2009 18:16	12.93	49.947	32.66		8.06	3.8	3.648	
1187	7/29/2009 18:31	12.81	49.998	32.69		8.09	3.7	3.658	
1188	7/29/2009 18:46	13.02	49.842	32.59		8.04	3.1	3.66	
1189	7/29/2009 19:01	13	49.935	32.65		8.06	2.8	3.673	
1190	7/29/2009 19:16	12.98	49.918	32.64		8.05	3	3.651	
1191	7/29/2009 19:31	12.92	49.915	32.63		8.08	4.3	3.609	
1192	7/29/2009 19:46	12.99	49.913	32.64		8.05	5.4	3.568	
1193	7/29/2009 20:01	13.78	49.657	32.48		8.07	5.6	3.514	
1194	7/29/2009 20:16	13.79	49.924	32.67		8.09	6.2	3.441	
1195	7/29/2009 20:31	14.48	49.84	32.63		8.07	6.6	3.354	
1196	7/29/2009 20:46	15.19	49.97	32.75		8.08	6.5	3.273	
1197	7/29/2009 21:01	15.34	49.991	32.76		8.24	6.7	3.196	
1198	7/29/2009 21:16	15.46	50.008	32.78		7.86	6.5	3.102	
1199	7/29/2009 21:31	15.5	49.865	32.67		8.05	5.5	3.02	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1200	7/29/2009 21:46	15.87	49.595	32.48		8.05	6.2	2.918	
1201	7/29/2009 22:01	16.19	50.031	32.81		7.85	6.7	2.833	
1202	7/29/2009 22:16	16.42	50.049	32.83		8.13	6.7	2.745	
1203	7/29/2009 22:31	16.6	50.052	32.83		7.85	8.1	2.639	
1204	7/29/2009 22:46	16.66	50.033	32.82		8.08	7	2.545	
1205	7/29/2009 23:01	16.88	50.059	32.84		8.08	8.2	2.437	
1206	7/29/2009 23:16	16.64	50.069	32.84		8.08	7.8	2.343	
1207	7/29/2009 23:31	16.55	50.108	32.87		8.03	7.9	2.243	
1208	7/29/2009 23:46	16.74	50.096	32.86		8.03	7.2	2.132	
1209	7/30/2009 00:01	16.81	50.174	32.92		8.12	7.4	2.048	
1210	7/30/2009 00:16	17.07	50.164	32.92		8.03	7	1.967	
1211	7/30/2009 00:31	17.22	50.166	32.92		8.12	6.1	1.876	
1212	7/30/2009 00:46	17.52	50.195	32.95		8.03	6.1	1.81	
1213	7/30/2009 01:01	17.73	50.215	32.96		8.02	5.7	1.769	
1214	7/30/2009 01:16	17.96	50.218	32.97		8.05	5.6	1.725	
1215	7/30/2009 01:31	18.07	50.236	32.98		8.03	5.7	1.684	
1216	7/30/2009 01:46	18.18	49.539	32.47		8.03	4.5	1.698	
1217	7/30/2009 02:01	18.07	50.249	32.99		8.02	5.4	1.689	
1218	7/30/2009 02:16	18.14	50.273	33.01		8.03	5.1	1.7	
1219	7/30/2009 02:31	18.12	50.233	32.98		8.03	5.4	1.738	
1220	7/30/2009 02:46	18.03	50.25	32.99		8.02	5.5	1.783	
1221	7/30/2009 03:01	18.04	50.228	32.97		8.02	6.2	1.825	
1222	7/30/2009 03:16	17.99	50.238	32.98		8.02	8.4	1.883	
1223	7/30/2009 03:31	17.99	50.163	32.93		8.02	8.6	1.942	
1224	7/30/2009 03:46	18.13	50.176	32.94		8.03	9.3	1.995	
1225	7/30/2009 04:01	18.16	50.15	32.92		8.03	10.2	2.058	
1226	7/30/2009 04:16	17.98	50.148	32.91		8.02	11.2	2.126	
1227	7/30/2009 04:31	17.81	50.147	32.91		8.02	9.9	2.181	
1228	7/30/2009 04:46	17.72	50.139	32.91		8.02	9.9	2.233	
1229	7/30/2009 05:01	17.63	50.128	32.9		8.02	10.1	2.296	
1230	7/30/2009 05:16	17.53	50.113	32.89		8.03	10.8	2.359	
1231	7/30/2009 05:31	17.33	50.105	32.88		8.01	10.5	2.418	
1232	7/30/2009 05:46	17.23	50.089	32.87		8.01	10.8	2.473	
1233	7/30/2009 06:01	17.1	50.078	32.86		8	11	2.53	
1234	7/30/2009 06:16	16.96	50.041	32.83		8.04	9.5	2.587	
1235	7/30/2009 06:31	16.85	50.042	32.83		8.04	9.2	2.638	
1236	7/30/2009 06:46	16.76	50.049	32.83		8.04	11.5	2.684	
1237	7/30/2009 07:01	16.63	50.053	32.83		8.04	9.5	2.729	
1238	7/30/2009 07:16	16.36	50.01	32.8		8.04	7.1	2.781	
1239	7/30/2009 07:31	16.27	49.942	32.75		8.04	7	2.813	
1240	7/30/2009 07:46	16.09	49.988	32.78		8.05	6.9	2.844	
1241	7/30/2009 08:01	15.97	50	32.78		8	5.7	2.873	
1242	7/30/2009 08:16	15.86	50.019	32.79		8.05	4.9	2.903	
1243	7/30/2009 08:31	15.64	50.04	32.81		8.04	3.9	2.922	
1244	7/30/2009 08:46	15.66	49.934	32.73		7.97	4.2	2.917	
1245	7/30/2009 09:01	15.81	50.006	32.78		8.02	5.4	2.922	
Mean		15.66	50.15	32.87	9.11	8.06	8.75	2.62	112.96
Minimum		10.7	49.058	31.96	7.91	7.55	1.7	0.714	104
Maximum		19.53	50.478	33.16	10.07	8.29	19.8	4.114	123.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
DO data discarded due to heavy fouling of DO probe guard screen									

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
1	7/30/2009 09:46	15.95	49.679	32.55	9.21	8.03	5.5	2.892	113.7
2	7/30/2009 10:01	16.23	49.745	32.6	8.89	8.04	6.7	2.85	110.3
3	7/30/2009 10:16	16.42	49.797	32.64	8.62	8.09	7.2	2.808	107.3
4	7/30/2009 10:31	16.58	49.781	32.63	8.27	8.03	7.9	2.769	103.4
5	7/30/2009 10:46	16.73	49.836	32.67	7.87	8.02	7.4	2.728	98.7
6	7/30/2009 11:01	16.78	49.852	32.69	7.85	8.02	7.9	2.678	98.5
7	7/30/2009 11:16	16.88	49.878	32.71	7.62	8.01	7.9	2.64	95.8
8	7/30/2009 11:31	16.9	49.87	32.7	7.74	8.02	8.1	2.618	97.4
9	7/30/2009 11:46	16.95	49.813	32.66	7.72	8.11	7.1	2.585	97.2
10	7/30/2009 12:01	17.08	49.879	32.71	7.85	8.03	7.6	2.554	99
11	7/30/2009 12:16	17.24	49.941	32.76	7.93	8.04	5.7	2.541	100.4
12	7/30/2009 12:31	17.35	49.91	32.74	7.86	8.04	4.7	2.541	99.8
13	7/30/2009 12:46	17.15	49.98	32.78	7.87	8.02	6.3	2.521	99.5
14	7/30/2009 13:01	17.4	49.979	32.79	7.98	8.04	6.7	2.513	101.4
15	7/30/2009 13:16	17.31	49.965	32.78	8.04	8.05	6.8	2.539	102
16	7/30/2009 13:31	17.34	49.987	32.79	8.18	8.06	5.9	2.563	103.8
17	7/30/2009 13:46	17.2	50.019	32.81	8.15	8.08	6.9	2.57	103.2
18	7/30/2009 14:01	17.13	50.005	32.8	8.14	8.08	6.8	2.597	102.9
19	7/30/2009 14:16	17.07	49.929	32.75	8.26	8.05	7.9	2.64	104.2
20	7/30/2009 14:31	16.95	49.986	32.79	8.39	8.05	7.6	2.678	105.7
21	7/30/2009 14:46	16.85	49.942	32.75	8.46	8.05	6	2.714	106.4
22	7/30/2009 15:01	16.73	49.939	32.75	8.47	8.05	5.8	2.753	106.2
23	7/30/2009 15:16	16.57	49.955	32.76	8.56	8.05	6.7	2.81	107.1
24	7/30/2009 15:31	16.39	49.952	32.75	8.8	8.1	6	2.855	109.6
25	7/30/2009 15:46	16.15	49.984	32.77	8.9	8.11	5.9	2.91	110.4
26	7/30/2009 16:01	15.89	49.908	32.71	9.11	8.06	6.8	2.966	112.4
27	7/30/2009 16:16	15.59	49.939	32.73	9.38	8.06	6	3.018	115.1
28	7/30/2009 16:31	15.39	49.957	32.74	9.65	8.07	5.9	3.086	117.9
29	7/30/2009 16:46	15.11	49.909	32.7	9.98	8.08	5.6	3.14	121.2
30	7/30/2009 17:01	15.08	49.885	32.68	10.28	8.09	5.1	3.208	124.8
31	7/30/2009 17:16	14.84	49.714	32.55	10.26	8.08	4.8	3.269	123.8
32	7/30/2009 17:31	14.67	49.871	32.66	10.27	8.08	5.2	3.333	123.6
33	7/30/2009 17:46	14.75	49.954	32.72	10.39	8.09	6.2	3.397	125.3
34	7/30/2009 18:01	14.51	49.948	32.71	10.88	8.21	5.4	3.45	130.5
35	7/30/2009 18:16	14.19	49.922	32.68	11.18	8.23	5.4	3.507	133.3
36	7/30/2009 18:31	13.98	49.92	32.68	11.54	8.25	4.8	3.555	137
37	7/30/2009 18:46	13.88	49.705	32.52	11.72	8.16	4.5	3.597	138.7
38	7/30/2009 19:01	13.82	49.885	32.65	11.79	8.27	4.8	3.631	139.4
39	7/30/2009 19:16	13.7	49.852	32.62	11.81	8.17	3.1	3.657	139.4
40	7/30/2009 19:31	13.69	49.686	32.5	11.67	8.16	2	3.669	137.6
41	7/30/2009 19:46	13.86	49.663	32.48	11.51	8.15	3.1	3.672	136.2
42	7/30/2009 20:01	13.72	49.905	32.66	11.68	8.26	4	3.655	137.9
43	7/30/2009 20:16	13.75	49.909	32.66	11.74	8.26	4	3.633	138.7
44	7/30/2009 20:31	13.81	49.927	32.68	11.62	8.25	5.9	3.586	137.5
45	7/30/2009 20:46	14.55	49.939	32.71	10.67	8.11	5.7	3.534	128.1
46	7/30/2009 21:01	14.7	49.975	32.74	10.51	8.19	6.3	3.473	126.7
47	7/30/2009 21:16	15.19	50.016	32.78	10.33	8.18	6.7	3.401	125.7
48	7/30/2009 21:31	15.72	49.918	32.72	10.2	8.1	6.4	3.326	125.4
49	7/30/2009 21:46	15.79	50.013	32.79	10.06	8.1	6.5	3.249	123.9
50	7/30/2009 22:01	15.94	49.924	32.73	10	8.09	6.2	3.159	123.5
51	7/30/2009 22:16	16.06	49.948	32.75	9.86	8.09	6.1	3.078	122.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
52	7/30/2009 22:31	16.28	49.946	32.75	9.76	8.09	6.2	2.993	121.3
53	7/30/2009 22:46	16.64	50.004	32.8	9.41	8.08	7	2.902	117.9
54	7/30/2009 23:01	16.84	50.016	32.81	9.19	8.07	7.3	2.806	115.5
55	7/30/2009 23:16	16.61	50.089	32.86	9.29	8.07	8.1	2.715	116.3
56	7/30/2009 23:31	16.68	50.085	32.86	9.13	8.07	7.4	2.62	114.5
57	7/30/2009 23:46	16.91	50.041	32.83	9.11	8.07	7.5	2.508	114.7
58	7/31/2009 00:01	16.77	49.87	32.7	9.07	8.07	8	2.417	113.8
59	7/31/2009 00:16	16.89	50.072	32.85	8.95	8.07	7.9	2.307	112.7
60	7/31/2009 00:31	16.9	50.151	32.91	8.9	8.06	7.3	2.211	112.1
61	7/31/2009 00:46	17.27	50.033	32.82	8.68	8.06	7.4	2.119	110
62	7/31/2009 01:01	17.24	50.07	32.85	8.56	8.05	7	2.01	108.4
63	7/31/2009 01:16	17.29	50.174	32.93	8.43	8.09	7	1.911	107
64	7/31/2009 01:31	17.62	50.125	32.9	8.28	8.05	6.7	1.827	105.7
65	7/31/2009 01:46	17.98	50.238	32.98	8.19	8.05	6.5	1.773	105.4
66	7/31/2009 02:01	18.06	50.235	32.98	8.08	8.05	6	1.704	104.1
67	7/31/2009 02:16	18.27	50.282	33.01	8.05	8.05	6.1	1.63	104.2
68	7/31/2009 02:31	18.48	50.171	32.93	7.99	8.06	5.6	1.639	103.7
69	7/31/2009 02:46	18.63	50.192	32.95	8.03	8.06	5.4	1.619	104.6
70	7/31/2009 03:01	18.67	50.292	33.02	7.73	8.06	4.8	1.613	100.8
71	7/31/2009 03:16	18.54	50.145	32.91	7.97	8.06	5.2	1.626	103.5
72	7/31/2009 03:31	18.6	50.215	32.97	8.04	8.06	5	1.688	104.6
73	7/31/2009 03:46	18.5	50.265	33	8.04	8.06	5.2	1.722	104.5
74	7/31/2009 04:01	18.53	50.237	32.98	8.03	8.06	5.3	1.744	104.4
75	7/31/2009 04:16	18.52	50.293	33.02	8.04	8.08	7.8	1.832	104.6
76	7/31/2009 04:31	18.56	50.275	33.01	8.04	8.08	9.2	1.895	104.6
77	7/31/2009 04:46	18.67	50.275	33.01	7.96	8.09	9.9	1.932	103.8
78	7/31/2009 05:01	18.48	50.242	32.99	7.9	8.05	10	1.999	102.6
79	7/31/2009 05:16	18.5	50.129	32.9	7.99	8.05	10.5	2.072	103.7
80	7/31/2009 05:31	18.36	50.046	32.84	8	8.05	9.8	2.123	103.6
81	7/31/2009 05:46	18.25	50.238	32.98	8	8.05	9.3	2.177	103.5
82	7/31/2009 06:01	18.16	50.212	32.96	8	8.04	8.9	2.254	103.3
83	7/31/2009 06:16	18.07	50.093	32.87	8.04	8.04	9.4	2.313	103.5
84	7/31/2009 06:31	17.9	50.2	32.95	8.11	8.04	9.9	2.361	104.2
85	7/31/2009 06:46	17.79	50.194	32.95	8.13	8.03	10.5	2.429	104.2
86	7/31/2009 07:01	17.52	50.131	32.9	8.14	8.03	9.4	2.498	103.8
87	7/31/2009 07:16	17.34	50.172	32.93	8.13	8.02	8.7	2.564	103.3
88	7/31/2009 07:31	17.18	50.175	32.93	8.19	8.01	8.7	2.614	103.7
89	7/31/2009 07:46	17.06	50.08	32.86	8.28	8.01	7.6	2.673	104.6
90	7/31/2009 08:01	17.01	50.156	32.91	8.3	8.01	9.3	2.725	104.8
91	7/31/2009 08:16	16.84	50.119	32.88	8.44	8.02	6.9	2.775	106.1
92	7/31/2009 08:31	16.66	50.119	32.88	8.58	8.02	6.3	2.823	107.5
93	7/31/2009 08:46	16.55	50.041	32.82	8.62	8.02	7	2.867	107.8
94	7/31/2009 09:01	16.37	50.024	32.81	8.81	8.03	5.7	2.907	109.8
95	7/31/2009 09:16	16.27	50.11	32.87	8.88	8.1	6.2	2.938	110.5
96	7/31/2009 09:31	16.23	49.96	32.76	8.87	8.03	5.4	2.962	110.1
97	7/31/2009 09:46	16.06	49.922	32.73	8.93	8.03	4	2.985	110.5
98	7/31/2009 10:01	16.01	50.037	32.81	8.73	8.02	3.1	2.998	108
99	7/31/2009 10:16	16.27	50.067	32.84	8.78	8.02	4.8	3.006	109.2
100	7/31/2009 10:31	15.99	50.02	32.8	8.87	8.11	5.1	2.999	109.6
101	7/31/2009 10:46	15.99	50.036	32.81	8.93	8.1	5.5	2.972	110.4
102	7/31/2009 11:01	16.17	50.062	32.83	8.81	8.1	6.8	2.955	109.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
103	7/31/2009 11:16	16.22	50.041	32.82	8.8	8.02	6.7	2.913	109.4
104	7/31/2009 11:31	16.46	50.067	32.84	8.77	8.03	6.2	2.878	109.5
105	7/31/2009 11:46	16.58	50.087	32.86	8.67	8.02	6.2	2.842	108.5
106	7/31/2009 12:01	16.64	50.104	32.87	8.56	8.02	6.2	2.795	107.2
107	7/31/2009 12:16	16.88	50.092	32.86	8.45	8.02	6.6	2.749	106.3
108	7/31/2009 12:31	17.01	50.081	32.86	8.32	8.01	6.3	2.716	105
109	7/31/2009 12:46	17.12	50.107	32.88	8.29	8.01	6.5	2.688	104.8
110	7/31/2009 13:01	17.33	50.082	32.86	8.4	8.02	5.4	2.653	106.6
111	7/31/2009 13:16	17.59	50.08	32.86	8.51	8.03	5.2	2.635	108.6
112	7/31/2009 13:31	17.82	50.163	32.92	8.56	8.04	4.8	2.622	109.8
113	7/31/2009 13:46	17.85	50.118	32.89	8.52	8.03	4.7	2.596	109.2
114	7/31/2009 14:01	17.92	50.122	32.9	8.38	8.03	9.7	2.599	107.6
115	7/31/2009 14:16	17.85	50.168	32.93	8.71	8.04	5.6	2.608	111.7
116	7/31/2009 14:31	17.67	50.186	32.94	8.65	8.04	5.6	2.608	110.6
117	7/31/2009 14:46	17.52	50.202	32.95	8.42	8.08	6.8	2.621	107.3
118	7/31/2009 15:01	17.61	50.178	32.93	8.67	8.03	5.9	2.647	110.8
119	7/31/2009 15:16	17.57	50.22	32.96	8.55	8.03	6.1	2.687	109.1
120	7/31/2009 15:31	17.56	50.208	32.96	8.63	8.09	6.5	2.707	110.1
121	7/31/2009 15:46	17.42	50.15	32.91	8.85	8.05	5.9	2.744	112.6
122	7/31/2009 16:01	17.41	50.143	32.91	9.02	8.11	5.7	2.801	114.7
123	7/31/2009 16:16	17.19	50.18	32.93	8.85	8.1	5.7	2.837	112.2
124	7/31/2009 16:31	16.89	50.146	32.9	8.9	8.03	5.6	2.883	112
125	7/31/2009 16:46	16.55	50.132	32.89	8.93	8.03	6.1	2.938	111.7
126	7/31/2009 17:01	16.25	50.122	32.88	9.13	8.03	6	2.996	113.5
127	7/31/2009 17:16	16.07	49.897	32.71	9.44	8.05	6.3	3.051	116.9
128	7/31/2009 17:31	15.38	50.068	32.82	10.09	8.07	5.9	3.109	123.3
129	7/31/2009 17:46	15.1	50.027	32.78	10.41	8.18	6.3	3.171	126.5
130	7/31/2009 18:01	14.99	49.994	32.76	10.49	8.19	5	3.221	127.2
131	7/31/2009 18:16	14.98	50.067	32.81	10.6	8.2	5.5	3.293	128.5
132	7/31/2009 18:31	14.73	49.996	32.75	10.94	8.22	5.1	3.356	131.9
133	7/31/2009 18:46	14.62	49.949	32.72	11.04	8.11	5.7	3.409	132.8
134	7/31/2009 19:01	14.46	49.939	32.7	11.16	8.11	5.4	3.465	133.7
135	7/31/2009 19:16	14.09	50.06	32.78	11.23	8.23	5.8	3.513	133.7
136	7/31/2009 19:31	13.89	49.976	32.71	11.57	8.11	5.1	3.568	137.1
137	7/31/2009 19:46	13.7	49.922	32.67	11.62	8.11	4.1	3.607	137.2
138	7/31/2009 20:01	13.68	50.035	32.75	11.56	8.24	2.9	3.628	136.4
139	7/31/2009 20:16	13.65	50	32.72	11.56	8.24	3.4	3.656	136.3
140	7/31/2009 20:31	13.64	50.034	32.75	11.5	8.24	2.3	3.676	135.6
141	7/31/2009 20:46	13.64	50.059	32.77	11.51	8.23	3	3.667	135.8
142	7/31/2009 21:01	13.53	50.01	32.73	11.55	8.23	3.8	3.645	135.9
143	7/31/2009 21:16	13.59	49.988	32.71	11.49	8.1	4.2	3.625	135.4
144	7/31/2009 21:31	13.79	50.054	32.77	11.23	8.22	5.1	3.582	132.9
145	7/31/2009 21:46	14.43	50.031	32.77	10.96	8.21	5.3	3.525	131.3
146	7/31/2009 22:01	14.74	50.062	32.8	10.81	8.21	6.1	3.46	130.5
147	7/31/2009 22:16	15.72	50.122	32.87	10.64	8.2	6.4	3.378	130.9
148	7/31/2009 22:31	16.05	50.099	32.86	10.42	8.18	6.7	3.31	129.1
149	7/31/2009 22:46	16.09	50.121	32.87	10.28	8.09	6.3	3.223	127.4
150	7/31/2009 23:01	16.38	50.069	32.84	10.02	8.08	6.7	3.132	124.9
151	7/31/2009 23:16	16.54	50.059	32.83	9.9	8.08	6.8	3.044	123.7
152	7/31/2009 23:31	16.77	50.154	32.91	9.72	8.07	6.9	2.951	122.1
153	7/31/2009 23:46	17.06	50.167	32.92	9.41	8.13	7.1	2.865	118.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
154	8/1/2009 00:01	17.23	50.182	32.93	9.22	8.05	7.3	2.769	116.9
155	8/1/2009 00:16	16.8	50.161	32.91	9.43	8.13	7.6	2.659	118.6
156	8/1/2009 00:31	17.25	50.16	32.92	9.22	8.06	7.1	2.564	117
157	8/1/2009 00:46	16.85	50.164	32.92	9.35	8.06	7.3	2.455	117.6
158	8/1/2009 01:01	17.24	50.085	32.86	9.16	8.06	7.5	2.347	116.1
159	8/1/2009 01:16	17.26	50.108	32.88	9.06	8.05	8.2	2.234	114.8
160	8/1/2009 01:31	17.46	50.152	32.91	8.91	8.05	7.7	2.129	113.4
161	8/1/2009 01:46	17.78	50.215	32.96	8.72	8.05	7.6	2.029	111.8
162	8/1/2009 02:01	17.95	50.258	33	8.65	8.05	7.1	1.916	111.2
163	8/1/2009 02:16	18.16	50.253	32.99	8.49	8.05	7.1	1.819	109.6
164	8/1/2009 02:31	18.39	50.25	32.99	8.33	8.04	6.8	1.738	108
165	8/1/2009 02:46	18.62	50.335	33.05	8.27	8.04	6.9	1.668	107.7
166	8/1/2009 03:01	18.83	50.283	33.02	8.21	8.08	6	1.611	107.3
167	8/1/2009 03:16	19.1	50.422	33.12	8.26	8.09	6.3	1.564	108.6
168	8/1/2009 03:31	19.18	50.369	33.08	8.26	8.09	5.4	1.552	108.8
169	8/1/2009 03:46	19.23	50.423	33.12	8.22	8.1	4.9	1.541	108.3
170	8/1/2009 04:01	19.1	50.442	33.13	8.01	8.09	5.1	1.541	105.3
171	8/1/2009 04:16	19.2	50.414	33.11	8.28	8.1	4.8	1.581	109.1
172	8/1/2009 04:31	19.08	50.391	33.1	8.18	8.09	5.4	1.622	107.5
173	8/1/2009 04:46	19.07	50.377	33.09	8.27	8.1	5.4	1.659	108.7
174	8/1/2009 05:01	19.06	50.367	33.08	8.26	8.1	6	1.73	108.5
175	8/1/2009 05:16	18.99	50.351	33.07	8.22	8.09	8.7	1.791	107.9
176	8/1/2009 05:31	19.19	50.306	33.03	8.06	8.08	9.2	1.842	106.1
177	8/1/2009 05:46	19.18	50.237	32.98	8.02	8.08	10	1.908	105.5
178	8/1/2009 06:01	19.11	50.311	33.04	7.98	8.08	10.6	1.973	104.9
179	8/1/2009 06:16	19.01	50.274	33.01	8.12	8.08	9.3	2.043	106.6
180	8/1/2009 06:31	18.85	50.32	33.04	8.13	8.04	8.5	2.101	106.3
181	8/1/2009 06:46	18.74	50.198	32.95	8.13	8.03	7.8	2.184	106
182	8/1/2009 07:01	18.6	50.197	32.95	8.16	8.03	7.1	2.238	106.2
183	8/1/2009 07:16	18.36	50.246	32.99	8.27	8.03	6.4	2.31	107.1
184	8/1/2009 07:31	18.1	50.281	33.01	8.23	8.02	7.6	2.386	106.1
185	8/1/2009 07:46	17.83	50.264	33	8.19	8.01	6.3	2.45	105
186	8/1/2009 08:01	17.7	50.171	32.93	8.22	8	6.3	2.515	105.1
187	8/1/2009 08:16	17.51	50.081	32.86	8.33	8	6.1	2.592	106.2
188	8/1/2009 08:31	17.46	50.215	32.96	8.36	8	6.7	2.659	106.5
189	8/1/2009 08:46	17.41	50.245	32.98	8.39	8.08	6.3	2.709	106.8
190	8/1/2009 09:01	17.19	50.093	32.87	8.55	8.01	6.2	2.771	108.3
191	8/1/2009 09:16	16.94	50.173	32.92	8.69	8.01	5.9	2.834	109.6
192	8/1/2009 09:31	16.77	50.109	32.87	8.85	8.01	6.3	2.889	111.2
193	8/1/2009 09:46	16.65	50.069	32.84	8.9	8.02	6.3	2.926	111.5
194	8/1/2009 10:01	16.49	50.135	32.89	9.04	8.02	6.8	2.969	113
195	8/1/2009 10:16	16.28	50.154	32.9	9.23	8.13	5.5	3.016	114.8
196	8/1/2009 10:31	16.27	50.103	32.86	9.29	8.14	4.6	3.044	115.5
197	8/1/2009 10:46	16.13	50.086	32.85	9.34	8.14	4.1	3.065	115.8
198	8/1/2009 11:01	16.02	49.945	32.74	9.25	8.03	3.1	3.079	114.4
199	8/1/2009 11:16	16.22	50.128	32.88	9.14	8.13	4.1	3.095	113.7
200	8/1/2009 11:31	15.92	49.926	32.73	9.32	8.03	4.3	3.085	115
201	8/1/2009 11:46	15.95	49.954	32.75	9.31	8.03	5.4	3.061	115
202	8/1/2009 12:01	16.08	50.088	32.85	9.16	8.02	5.9	3.024	113.5
203	8/1/2009 12:16	16.24	50.084	32.85	9.19	8.13	6.7	2.989	114.2
204	8/1/2009 12:31	16.45	50.121	32.88	9.23	8.03	5.6	2.95	115.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
205	8/1/2009 12:46	16.56	49.981	32.78	9.13	8.03	5.9	2.898	114.2
206	8/1/2009 13:01	16.89	50.111	32.88	8.96	8.02	6.5	2.838	112.8
207	8/1/2009 13:16	17.21	50.169	32.92	8.73	8.1	6	2.805	110.6
208	8/1/2009 13:31	17.3	50.105	32.88	8.57	8.09	6.2	2.759	108.8
209	8/1/2009 13:46	17.43	50.05	32.84	8.52	8.01	6.8	2.719	108.4
210	8/1/2009 14:01	17.63	50.075	32.86	8.57	8.02	6.5	2.684	109.5
211	8/1/2009 14:16	17.73	50.173	32.93	8.53	8.02	5.7	2.659	109.2
212	8/1/2009 14:31	17.93	50.196	32.95	8.77	8.03	5.1	2.636	112.7
213	8/1/2009 14:46	18.15	50.168	32.93	8.91	8.04	4.8	2.62	115
214	8/1/2009 15:01	18.37	50.196	32.95	8.83	8.04	4.2	2.619	114.4
215	8/1/2009 15:16	18.4	50.262	33	8.7	8.09	4	2.608	112.8
216	8/1/2009 15:31	18.35	50.179	32.94	9.03	8.11	5	2.614	117
217	8/1/2009 15:46	18.02	50.178	32.94	8.8	8.02	4.8	2.635	113.3
218	8/1/2009 16:01	18.15	50.23	32.98	8.68	8.1	4.9	2.655	112
219	8/1/2009 16:16	18.21	50.242	32.98	8.82	8.1	4.9	2.672	113.9
220	8/1/2009 16:31	18.03	50.191	32.95	8.72	8.03	5.1	2.714	112.2
221	8/1/2009 16:46	17.91	50.172	32.93	8.91	8.1	6	2.755	114.4
222	8/1/2009 17:01	17.84	50.184	32.94	9.02	8.11	5.6	2.798	115.7
223	8/1/2009 17:16	17.87	50.21	32.96	9.16	8.05	5.4	2.846	117.6
224	8/1/2009 17:31	17.37	50.108	32.88	8.89	8.02	5.6	2.897	112.9
225	8/1/2009 17:46	17.18	50.026	32.82	9.26	8.03	5.6	2.956	117.2
226	8/1/2009 18:01	16.61	50.105	32.87	9.34	8.03	5.6	3.014	117
227	8/1/2009 18:16	16.38	50.096	32.86	9.63	8.04	5.3	3.074	120
228	8/1/2009 18:31	15.61	49.952	32.74	10.07	8.04	6.4	3.135	123.6
229	8/1/2009 18:46	15.13	50.059	32.81	10.3	8.04	6.6	3.201	125.2
230	8/1/2009 19:01	15.32	49.874	32.68	10.34	8.05	6.2	3.26	126.1
231	8/1/2009 19:16	14.9	50.031	32.78	10.44	8.05	5.8	3.321	126.3
232	8/1/2009 19:31	14.76	50.086	32.82	10.6	8.19	6	3.386	127.9
233	8/1/2009 19:46	14.48	50.082	32.81	10.59	8.18	5.8	3.447	127.1
234	8/1/2009 20:01	14.44	50.083	32.81	10.62	8.18	6.2	3.498	127.4
235	8/1/2009 20:16	14.15	50.109	32.82	10.73	8.19	5.4	3.548	127.9
236	8/1/2009 20:31	14.05	50.078	32.79	10.92	8.05	4.9	3.588	129.9
237	8/1/2009 20:46	13.98	50.052	32.77	11.06	8.19	4.2	3.641	131.4
238	8/1/2009 21:01	13.84	50.085	32.79	11.17	8.2	3.7	3.666	132.3
239	8/1/2009 21:16	13.81	50.034	32.75	11.11	8.19	2.7	3.68	131.5
240	8/1/2009 21:31	14.06	50.046	32.77	10.91	8.19	3.5	3.688	129.8
241	8/1/2009 21:46	13.76	50.115	32.81	11.07	8.19	3.2	3.692	130.9
242	8/1/2009 22:01	13.75	49.971	32.71	10.99	8.03	4.2	3.665	129.9
243	8/1/2009 22:16	13.8	50.106	32.81	10.88	8.18	4.4	3.628	128.8
244	8/1/2009 22:31	14.33	49.991	32.74	10.49	8.17	4.6	3.573	125.5
245	8/1/2009 22:46	14.74	50.077	32.81	10.35	8.04	6.2	3.514	124.9
246	8/1/2009 23:01	15.26	50.082	32.83	10.29	8.17	5.4	3.443	125.5
247	8/1/2009 23:16	15.82	50.118	32.87	10.04	8.05	6.6	3.357	123.8
248	8/1/2009 23:31	15.91	50.077	32.84	10.05	8.05	6.5	3.261	124.1
249	8/1/2009 23:46	16.43	50.146	32.9	9.68	8.15	7.3	3.168	120.8
250	8/2/2009 00:01	16.49	50.117	32.88	9.64	8.14	6.3	3.077	120.4
251	8/2/2009 00:16	16.88	50.2	32.94	9.32	8.03	6.9	2.979	117.4
252	8/2/2009 00:31	17.12	50.127	32.89	9.14	8.02	7.1	2.877	115.6
253	8/2/2009 00:46	17.34	50.219	32.96	8.96	8.02	7.8	2.776	113.9
254	8/2/2009 01:01	17.26	50.002	32.8	9.03	8.02	7.4	2.69	114.5
255	8/2/2009 01:16	17.45	50.215	32.96	8.95	8.03	7.6	2.563	113.9

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
256	8/2/2009 01:31	16.84	50.227	32.96	9.12	8.12	8.1	2.445	114.8
257	8/2/2009 01:46	17.54	50.208	32.96	8.84	8.02	8	2.348	112.7
258	8/2/2009 02:01	17.67	50.281	33.01	8.74	8.11	8.8	2.23	111.9
259	8/2/2009 02:16	17.61	50.144	32.91	8.66	8.02	9	2.115	110.6
260	8/2/2009 02:31	17.95	50.247	32.99	8.5	8.02	8.7	1.991	109.2
261	8/2/2009 02:46	18.17	50.264	33	8.31	8.09	8	1.879	107.3
262	8/2/2009 03:01	18.31	50.309	33.03	8.17	8.08	7.4	1.783	105.8
263	8/2/2009 03:16	18.58	50.291	33.02	8.04	8.01	7.5	1.681	104.7
264	8/2/2009 03:31	18.97	50.397	33.1	7.96	8.01	7.2	1.604	104.3
265	8/2/2009 03:46	19.31	50.386	33.09	7.97	8.07	6.7	1.535	105.3
266	8/2/2009 04:01	19.29	50.394	33.1	7.87	8.07	6	1.5	103.8
267	8/2/2009 04:16	19.42	50.437	33.13	7.85	8.07	5.6	1.465	103.8
268	8/2/2009 04:31	19.42	50.465	33.15	7.84	8.07	5.2	1.455	103.7
269	8/2/2009 04:46	19.37	50.445	33.14	7.74	8.07	5.6	1.484	102.2
270	8/2/2009 05:01	19.49	50.389	33.09	7.86	8.08	5	1.495	104.1
271	8/2/2009 05:16	19.46	50.455	33.14	7.88	8.08	5.3	1.536	104.3
272	8/2/2009 05:31	19.39	50.459	33.15	7.89	8.08	5.4	1.586	104.4
273	8/2/2009 05:46	19.43	50.315	33.04	8.01	8.08	5.2	1.644	105.9
274	8/2/2009 06:01	19.39	50.454	33.14	8	8.08	5.7	1.707	105.7
275	8/2/2009 06:16	19.58	50.432	33.13	7.77	8.06	7.6	1.763	103
276	8/2/2009 06:31	19.49	50.387	33.09	7.72	8.06	8	1.836	102.3
277	8/2/2009 06:46	19.46	50.419	33.12	7.67	8.06	8.9	1.908	101.6
278	8/2/2009 07:01	19.46	50.235	32.98	7.62	8.05	9.3	1.963	100.8
279	8/2/2009 07:16	19.27	50.216	32.97	7.8	8.01	7.5	2.057	102.8
280	8/2/2009 07:31	19.05	50.353	33.07	7.85	8.01	7	2.134	103.1
281	8/2/2009 07:46	18.93	50.372	33.08	7.86	8.08	6.5	2.206	103.1
282	8/2/2009 08:01	18.75	50.238	32.98	7.95	8	6.8	2.289	103.8
283	8/2/2009 08:16	18.53	50.322	33.04	7.95	8.08	6.7	2.371	103.4
284	8/2/2009 08:31	18.26	50.297	33.02	7.97	8.07	6.6	2.447	103.1
285	8/2/2009 08:46	18.08	50.23	32.98	8.01	7.98	7.1	2.528	103.3
286	8/2/2009 09:01	17.89	50.278	33.01	8.14	7.99	7.1	2.601	104.5
287	8/2/2009 09:16	17.77	50.251	32.99	8.23	8.08	6.3	2.673	105.5
288	8/2/2009 09:31	17.57	50.134	32.9	8.37	7.99	7.2	2.738	106.7
289	8/2/2009 09:46	17.28	50.143	32.91	8.51	7.99	7.6	2.805	108
290	8/2/2009 10:01	17.12	50.102	32.87	8.6	7.99	7.4	2.87	108.7
291	8/2/2009 10:16	16.89	50.174	32.92	8.72	7.99	7.9	2.92	109.8
292	8/2/2009 10:31	16.62	50.149	32.9	8.92	8	7.2	2.981	111.7
293	8/2/2009 10:46	16.43	50.085	32.85	9.03	8.12	6.3	3.034	112.7
294	8/2/2009 11:01	16.25	50.07	32.84	9.08	8	6.5	3.072	112.9
295	8/2/2009 11:16	16.18	49.998	32.79	9.17	8	5.4	3.107	113.8
296	8/2/2009 11:31	15.73	50.099	32.85	9.3	8.13	5.1	3.148	114.5
297	8/2/2009 11:46	15.52	50.11	32.85	9.3	8.13	3.6	3.155	114
298	8/2/2009 12:01	15.96	50.056	32.82	9.27	8	3.7	3.155	114.6
299	8/2/2009 12:16	15.63	50.026	32.8	9.3	7.99	4.1	3.15	114.2
300	8/2/2009 12:31	15.69	50.066	32.83	9.32	8.13	4.9	3.133	114.6
301	8/2/2009 12:46	15.85	50.074	32.84	9.14	8.12	7.6	3.083	112.7
302	8/2/2009 13:01	16.12	50.017	32.8	9.14	8	5.9	3.036	113.3
303	8/2/2009 13:16	16.47	50.134	32.89	9.18	8.13	6	2.993	114.6
304	8/2/2009 13:31	16.7	49.991	32.79	9.12	8.01	6.3	2.929	114.4
305	8/2/2009 13:46	17.12	50.154	32.91	8.93	8.01	6.4	2.871	112.9
306	8/2/2009 14:01	17.66	50.198	32.95	8.69	8.1	6.8	2.823	111.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
307	8/2/2009 14:16	17.83	50.173	32.93	8.61	8.1	6.7	2.776	110.4
308	8/2/2009 14:31	18.29	50.228	32.97	8.57	8.09	6.7	2.728	110.9
309	8/2/2009 14:46	18.33	50.227	32.97	8.54	8.1	6.4	2.677	110.5
310	8/2/2009 15:01	18.55	50.258	33	8.5	8.09	6.3	2.65	110.5
311	8/2/2009 15:16	18.72	50.252	32.99	8.61	8.1	5.2	2.627	112.3
312	8/2/2009 15:31	18.93	50.241	32.99	8.65	8.1	5.8	2.588	113.2
313	8/2/2009 15:46	19.13	50.207	32.96	8.9	8.04	4.6	2.573	117
314	8/2/2009 16:01	19.24	50.238	32.98	8.41	8.02	4.3	2.566	110.8
315	8/2/2009 16:16	19.07	50.15	32.92	8.96	8.04	5.6	2.566	117.6
316	8/2/2009 16:31	18.63	50.233	32.98	8.49	8.1	5.5	2.571	110.5
317	8/2/2009 16:46	18.88	50.238	32.98	8.85	8.03	5.1	2.581	115.8
318	8/2/2009 17:01	18.89	50.228	32.98	8.83	8.03	5.2	2.61	115.5
319	8/2/2009 17:16	18.85	50.221	32.97	8.7	8.02	5.1	2.656	113.7
320	8/2/2009 17:31	18.63	50.148	32.92	8.6	8.02	5.9	2.686	111.9
321	8/2/2009 17:46	18.31	50.255	32.99	8.78	8.11	5.4	2.733	113.7
322	8/2/2009 18:01	18.41	50.242	32.99	9.19	8.13	5.4	2.789	119.2
323	8/2/2009 18:16	17.89	50.161	32.92	9.03	8.02	5.8	2.849	115.9
324	8/2/2009 18:31	17.48	50.111	32.88	8.95	8	6.1	2.907	114
325	8/2/2009 18:46	17.12	50.058	32.84	9.01	8	6.5	2.959	113.9
326	8/2/2009 19:01	16.69	50.156	32.91	9.25	8	6.7	3.038	116.1
327	8/2/2009 19:16	16.14	49.995	32.78	9.58	8	6.7	3.095	118.7
328	8/2/2009 19:31	15.88	49.949	32.74	9.76	8.01	6.7	3.157	120.4
329	8/2/2009 19:46	15.78	50.134	32.88	9.87	8.15	6.5	3.233	121.6
330	8/2/2009 20:01	15.53	50.095	32.84	9.93	8.15	5.8	3.299	121.7
331	8/2/2009 20:16	15.44	50.109	32.85	10.06	8.16	4.9	3.364	123.1
332	8/2/2009 20:31	15.23	50.061	32.81	10.39	8.17	5.4	3.429	126.5
333	8/2/2009 20:46	14.94	50.019	32.78	10.47	8.02	5.5	3.491	126.8
334	8/2/2009 21:01	14.41	50.084	32.81	10.77	8.18	4.9	3.544	129.1
335	8/2/2009 21:16	14.25	50.087	32.81	10.78	8.02	4.8	3.6	128.8
336	8/2/2009 21:31	14.17	50.039	32.77	10.8	8.17	4.6	3.638	128.7
337	8/2/2009 21:46	14.1	50.044	32.77	10.77	8.17	4.4	3.679	128.3
338	8/2/2009 22:01	13.92	50.121	32.82	10.7	8.17	3.5	3.703	127
339	8/2/2009 22:16	13.86	50.085	32.79	10.65	8.16	2.4	3.714	126.2
340	8/2/2009 22:31	14.1	50.052	32.78	10.54	8.15	2.9	3.713	125.5
341	8/2/2009 22:46	13.94	49.894	32.66	10.5	8.15	3.1	3.699	124.5
342	8/2/2009 23:01	13.87	49.912	32.67	10.65	8	3.7	3.661	126.1
343	8/2/2009 23:16	14.07	50.068	32.79	10.51	8.15	6	3.608	125.1
344	8/2/2009 23:31	15.16	50.078	32.82	9.65	8.13	6.3	3.556	117.4
345	8/2/2009 23:46	15.21	50.063	32.81	9.77	7.99	7.3	3.466	119
346	8/3/2009 00:01	16.12	50.057	32.83	9.46	8	8.3	3.383	117.3
347	8/3/2009 00:16	16.24	50.114	32.87	9.39	8.13	7.5	3.3	116.8
348	8/3/2009 00:31	16.33	50.198	32.93	9.36	8.13	6.8	3.208	116.6
349	8/3/2009 00:46	16.51	50.1	32.86	9.31	8	8.2	3.101	116.4
350	8/3/2009 01:01	16.83	50.187	32.93	9.1	7.99	7.4	3	114.5
351	8/3/2009 01:16	17.34	50.205	32.95	8.77	7.99	7.9	2.893	111.5
352	8/3/2009 01:31	17.71	50.115	32.89	8.57	7.98	8.3	2.79	109.7
353	8/3/2009 01:46	17.77	50.15	32.91	8.59	7.98	8	2.68	110
354	8/3/2009 02:01	17.48	50.198	32.95	8.68	7.99	8	2.56	110.5
355	8/3/2009 02:16	17.5	50.206	32.95	8.64	7.99	9	2.438	110.1
356	8/3/2009 02:31	17.07	50.222	32.96	8.7	8.1	9.5	2.324	109.9
357	8/3/2009 02:46	17.72	50.233	32.98	8.46	7.98	8.9	2.2	108.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
358	8/3/2009 03:01	17.96	50.249	32.99	8.33	7.99	9.3	2.067	107.1
359	8/3/2009 03:16	18.18	50.279	33.01	8.19	7.99	9.2	1.961	105.7
360	8/3/2009 03:31	18.43	50.232	32.98	8.06	7.99	8.6	1.848	104.6
361	8/3/2009 03:46	18.6	50.384	33.09	7.9	8.08	7.7	1.744	102.9
362	8/3/2009 04:01	18.99	50.363	33.08	7.85	8.08	7.6	1.623	103
363	8/3/2009 04:16	19.24	50.423	33.12	7.76	7.99	7.1	1.559	102.4
364	8/3/2009 04:31	19.54	50.421	33.12	7.75	8	6.6	1.51	102.7
365	8/3/2009 04:46	19.69	50.499	33.17	7.71	8.08	7.9	1.442	102.5
366	8/3/2009 05:01	19.75	50.46	33.15	7.66	8	6.5	1.416	101.9
367	8/3/2009 05:16	19.84	50.414	33.11	7.73	8.01	5.6	1.431	103.1
368	8/3/2009 05:31	19.79	50.464	33.15	7.61	8.08	5.8	1.449	101.4
369	8/3/2009 05:46	19.89	50.429	33.12	7.78	8.02	5.3	1.462	103.8
370	8/3/2009 06:01	19.78	50.389	33.09	7.76	8.01	5.2	1.518	103.3
371	8/3/2009 06:16	19.85	50.473	33.16	7.81	8.02	5.8	1.586	104.2
372	8/3/2009 06:31	19.81	50.419	33.12	7.87	8.02	6.2	1.65	104.8
373	8/3/2009 06:46	19.82	50.472	33.15	7.74	8.08	7.7	1.716	103.2
374	8/3/2009 07:01	20.07	50.426	33.12	7.38	8.05	9.4	1.778	98.7
375	8/3/2009 07:16	20	50.313	33.04	7.35	7.98	10.1	1.87	98.2
376	8/3/2009 07:31	19.93	50.314	33.04	7.32	7.97	10.6	1.938	97.8
377	8/3/2009 07:46	19.7	50.39	33.09	7.55	8.07	8.9	1.999	100.4
378	8/3/2009 08:01	19.45	50.359	33.07	7.63	7.99	8.1	2.096	101
379	8/3/2009 08:16	19.31	50.308	33.04	7.68	7.99	8.2	2.185	101.3
380	8/3/2009 08:31	19.13	50.376	33.09	7.73	7.98	8.2	2.261	101.7
381	8/3/2009 08:46	19.03	50.329	33.05	7.7	7.98	7.5	2.333	101.1
382	8/3/2009 09:01	18.62	50.317	33.04	7.76	8.07	7.9	2.433	101.1
383	8/3/2009 09:16	18.44	50.207	32.96	7.82	7.96	8.2	2.516	101.5
384	8/3/2009 09:31	18.21	50.319	33.04	7.92	8.08	7.5	2.587	102.4
385	8/3/2009 09:46	18.1	50.262	33	7.97	8.08	7.9	2.668	102.7
386	8/3/2009 10:01	17.88	50.22	32.97	8.09	7.96	8.2	2.744	103.9
387	8/3/2009 10:16	17.57	50.235	32.98	8.22	7.96	9	2.814	104.9
388	8/3/2009 10:31	17.32	50.135	32.9	8.32	8.09	8.5	2.882	105.7
389	8/3/2009 10:46	17.1	50.098	32.87	8.45	7.96	8.7	2.948	106.9
390	8/3/2009 11:01	16.86	50.1	32.87	8.58	7.96	8.5	3.007	107.9
391	8/3/2009 11:16	16.56	50.157	32.91	8.74	7.96	8.2	3.063	109.3
392	8/3/2009 11:31	16.16	50.187	32.92	8.9	8.11	7.5	3.115	110.5
393	8/3/2009 11:46	15.9	49.938	32.74	9.03	7.96	7	3.154	111.4
394	8/3/2009 12:01	15.51	50.048	32.81	9.13	7.96	5.9	3.194	111.9
395	8/3/2009 12:16	15.3	49.963	32.74	9.27	7.96	4.2	3.222	113.1
396	8/3/2009 12:31	15.22	50.085	32.83	9.27	7.96	3.2	3.234	112.9
397	8/3/2009 12:46	15.49	49.9	32.7	9.19	7.96	4.5	3.225	112.5
398	8/3/2009 13:01	15.39	50.097	32.84	9.16	7.96	7.4	3.21	111.9
399	8/3/2009 13:16	15.53	50.105	32.85	9	7.95	6.3	3.163	110.3
400	8/3/2009 13:31	15.76	50.117	32.86	8.95	8.1	7.1	3.119	110.2
401	8/3/2009 13:46	16.25	50.174	32.91	8.92	8.11	6.8	3.056	111
402	8/3/2009 14:01	16.92	50.097	32.87	8.67	7.97	8.1	2.987	109.2
403	8/3/2009 14:16	17.41	50.199	32.95	8.58	8.1	8	2.938	109.1
404	8/3/2009 14:31	17.58	50.244	32.98	8.51	8.1	7.4	2.859	108.7
405	8/3/2009 14:46	17.74	50.18	32.94	8.66	8.1	7.2	2.797	110.9
406	8/3/2009 15:01	17.82	50.23	32.97	8.7	7.99	6.3	2.757	111.6
407	8/3/2009 15:16	17.91	50.232	32.98	8.83	8.11	6	2.7	113.4
408	8/3/2009 15:31	18.02	50.166	32.93	8.98	8.12	6.1	2.654	115.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
409	8/3/2009 15:46	18.25	50.259	33	8.95	8.12	6.3	2.616	115.7
410	8/3/2009 16:01	18.47	50.266	33	8.77	8.11	6.3	2.582	113.9
411	8/3/2009 16:16	18.68	50.259	33	8.66	8	5.3	2.558	113
412	8/3/2009 16:31	18.79	50.132	32.91	8.56	8	5.6	2.535	111.8
413	8/3/2009 16:46	19.02	50.32	33.04	8.35	8	4.5	2.526	109.6
414	8/3/2009 17:01	18.85	50.256	33	8.64	8	5	2.52	113
415	8/3/2009 17:16	18.92	50.251	32.99	8.65	8.11	5.1	2.53	113.3
416	8/3/2009 17:31	19.01	50.312	33.04	8.42	8	5.1	2.546	110.5
417	8/3/2009 17:46	18.83	50.27	33.01	8.41	7.99	5.5	2.579	110
418	8/3/2009 18:01	18.95	50.254	33	8.29	7.99	5.5	2.613	108.6
419	8/3/2009 18:16	18.8	50.214	32.97	8.29	7.99	6.1	2.653	108.4
420	8/3/2009 18:31	18.51	50.248	32.99	8.18	7.97	6.2	2.714	106.2
421	8/3/2009 18:46	18.46	50.1	32.88	8.4	7.98	5.9	2.774	108.9
422	8/3/2009 19:01	18.14	50.266	33	8.6	7.98	6.7	2.825	111
423	8/3/2009 19:16	17.93	50.263	33	8.59	8.1	6.1	2.89	110.4
424	8/3/2009 19:31	17.6	50.216	32.96	8.6	7.97	6.5	2.956	109.8
425	8/3/2009 19:46	17.01	50.061	32.84	8.84	7.97	6.9	3.026	111.5
426	8/3/2009 20:01	16.7	50.107	32.87	9.12	7.97	7.2	3.099	114.4
427	8/3/2009 20:16	16.2	50.126	32.88	9.41	8.13	6.3	3.158	116.9
428	8/3/2009 20:31	15.92	49.982	32.77	9.54	7.98	5.7	3.245	117.8
429	8/3/2009 20:46	15.81	50.139	32.88	9.6	8.14	6.3	3.316	118.4
430	8/3/2009 21:01	15.51	50.082	32.83	9.93	8.15	5.5	3.384	121.6
431	8/3/2009 21:16	15.16	50.143	32.87	10.14	8.16	6.3	3.453	123.4
432	8/3/2009 21:31	14.99	50.088	32.83	10.39	8.17	6	3.534	126
433	8/3/2009 21:46	14.8	50.093	32.83	10.72	8.18	6.2	3.596	129.5
434	8/3/2009 22:01	14.65	50.07	32.81	10.88	8.03	5.6	3.644	131.1
435	8/3/2009 22:16	14.62	50.055	32.79	10.91	8.19	5.2	3.688	131.2
436	8/3/2009 22:31	14.58	49.797	32.6	10.83	8.02	4.2	3.733	130
437	8/3/2009 22:46	14.37	49.982	32.73	10.96	8.03	3.7	3.763	131.2
438	8/3/2009 23:01	14.32	49.922	32.69	10.94	8.03	2.6	3.762	130.7
439	8/3/2009 23:16	14.58	49.846	32.64	10.64	8.01	4.6	3.753	127.8
440	8/3/2009 23:31	14.42	49.868	32.65	10.78	8.02	4	3.746	129.1
441	8/3/2009 23:46	14.39	49.876	32.66	10.81	8.02	4	3.701	129.4
442	8/4/2009 00:01	14.59	50.119	32.84	10.58	8.02	5.7	3.636	127.3
443	8/4/2009 00:16	15.55	50.153	32.89	9.57	8.13	7.5	3.563	117.4
444	8/4/2009 00:31	15.76	50.13	32.87	9.57	8.14	8.4	3.483	117.9
445	8/4/2009 00:46	15.89	50.084	32.84	9.49	8.14	8.2	3.397	117.2
446	8/4/2009 01:01	16.09	50.148	32.89	9.3	8.12	8.2	3.297	115.3
447	8/4/2009 01:16	16.34	50.059	32.83	9.08	7.97	7.3	3.19	113.1
448	8/4/2009 01:31	16.38	50.14	32.89	9.02	8.11	7	3.092	112.4
449	8/4/2009 01:46	16.86	50.242	32.97	8.6	8.09	7.1	2.987	108.3
450	8/4/2009 02:01	17.47	50.119	32.89	8.16	7.94	8.2	2.877	103.9
451	8/4/2009 02:16	17.84	50.222	32.97	7.96	7.94	9.8	2.755	102.2
452	8/4/2009 02:31	17.8	50.18	32.94	8.06	7.94	8.8	2.655	103.4
453	8/4/2009 02:46	17.53	50.219	32.96	8.26	7.95	8.7	2.542	105.3
454	8/4/2009 03:01	17.58	50.196	32.95	8.22	7.95	8.1	2.409	105
455	8/4/2009 03:16	17.46	50.084	32.86	8.21	7.95	9.1	2.288	104.5
456	8/4/2009 03:31	17.3	50.133	32.9	8.23	7.94	9.6	2.164	104.5
457	8/4/2009 03:46	17.38	50.303	33.02	8.07	8.08	8.7	2.044	102.6
458	8/4/2009 04:01	17.69	50.295	33.02	7.82	7.94	8.9	1.902	100.1
459	8/4/2009 04:16	17.97	50.252	32.99	7.6	7.93	8.9	1.794	97.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
460	8/4/2009 04:31	18.33	50.266	33	7.39	7.93	8.3	1.69	95.8
461	8/4/2009 04:46	18.48	50.255	33	7.29	7.93	7.2	1.582	94.6
462	8/4/2009 05:01	18.68	50.334	33.05	7.2	7.92	8.1	1.5	94
463	8/4/2009 05:16	18.88	50.414	33.11	7.13	8.04	9.7	1.443	93.3
464	8/4/2009 05:31	19.04	50.393	33.1	7.1	7.93	7.1	1.408	93.3
465	8/4/2009 05:46	19.12	50.48	33.16	7.1	8.04	5.9	1.384	93.4
466	8/4/2009 06:01	18.94	50.487	33.17	6.97	7.92	6.1	1.404	91.4
467	8/4/2009 06:16	19.18	50.37	33.08	7.03	7.94	5.4	1.417	92.5
468	8/4/2009 06:31	19.04	50.378	33.09	7.07	7.94	5.7	1.468	92.8
469	8/4/2009 06:46	19.25	50.508	33.18	7.16	7.95	5.4	1.511	94.4
470	8/4/2009 07:01	19.35	50.493	33.17	7.21	7.95	5.4	1.582	95.2
471	8/4/2009 07:16	19.28	50.496	33.17	7.23	8.06	5.8	1.667	95.4
472	8/4/2009 07:31	19.38	50.388	33.09	7.03	7.93	8	1.733	92.9
473	8/4/2009 07:46	19.51	50.306	33.03	6.81	7.91	10	1.808	90.2
474	8/4/2009 08:01	19.4	50.408	33.11	6.91	8.03	9.6	1.892	91.3
475	8/4/2009 08:16	19.17	50.404	33.11	7.1	7.93	8.5	1.978	93.5
476	8/4/2009 08:31	19	50.372	33.08	7.11	7.93	8	2.059	93.3
477	8/4/2009 08:46	18.94	50.318	33.04	7.14	7.93	7.8	2.147	93.5
478	8/4/2009 09:01	18.86	50.29	33.02	7.17	7.93	8.4	2.246	93.9
479	8/4/2009 09:16	18.66	50.229	32.98	7.27	7.93	7.6	2.328	94.8
480	8/4/2009 09:31	18.53	50.29	33.02	7.34	7.93	7.7	2.42	95.4
481	8/4/2009 09:46	18.42	50.358	33.07	7.36	8.05	8.1	2.508	95.5
482	8/4/2009 10:01	18.22	50.282	33.01	7.47	8.05	8	2.596	96.5
483	8/4/2009 10:16	18.17	50.254	32.99	7.52	7.92	8	2.679	97.1
484	8/4/2009 10:31	17.92	50.199	32.95	7.68	7.92	7.9	2.753	98.7
485	8/4/2009 10:46	17.74	50.223	32.97	7.78	7.93	8.5	2.828	99.7
486	8/4/2009 11:01	17.55	50.12	32.89	7.87	7.93	7.9	2.904	100.4
487	8/4/2009 11:16	17.18	50.149	32.91	8.11	8.08	8.7	2.977	102.7
488	8/4/2009 11:31	16.93	49.95	32.76	8.31	7.94	8.8	3.039	104.6
489	8/4/2009 11:46	16.64	50.025	32.81	8.51	7.94	7.6	3.097	106.6
490	8/4/2009 12:01	16.38	50.083	32.85	8.73	7.95	7.9	3.151	108.8
491	8/4/2009 12:16	16.01	49.992	32.78	9.04	7.96	7	3.203	111.8
492	8/4/2009 12:31	15.86	49.984	32.77	9.16	7.96	5.6	3.239	112.9
493	8/4/2009 12:46	15.74	50.134	32.88	9.18	8.12	4.8	3.264	113.1
494	8/4/2009 13:01	16	50.001	32.78	9.08	7.96	4.6	3.286	112.3
495	8/4/2009 13:16	15.82	49.941	32.74	9.02	7.95	4.8	3.28	111.1
496	8/4/2009 13:31	15.74	50.101	32.85	9.17	8.12	5.9	3.256	112.9
497	8/4/2009 13:46	15.84	49.99	32.77	9.05	7.96	7.1	3.213	111.6
498	8/4/2009 14:01	16.05	50.076	32.84	8.91	8.11	7	3.166	110.3
499	8/4/2009 14:16	16.61	50.158	32.91	8.75	8.1	7.3	3.1	109.6
500	8/4/2009 14:31	16.98	50.175	32.93	8.51	8.09	7.6	3.026	107.4
501	8/4/2009 14:46	17.42	50.199	32.95	8.34	8.08	8	2.96	106.1
502	8/4/2009 15:01	17.55	50.137	32.9	8.2	8.08	8.2	2.876	104.6
503	8/4/2009 15:16	17.7	50.205	32.95	8.23	8.08	7.6	2.814	105.3
504	8/4/2009 15:31	17.84	50.195	32.95	8.35	7.96	7.1	2.753	107.1
505	8/4/2009 15:46	18.05	50.186	32.94	8.3	7.95	6.8	2.686	106.9
506	8/4/2009 16:01	18.18	50.233	32.98	8.46	8.09	6.9	2.637	109.2
507	8/4/2009 16:16	18.2	50.144	32.91	8.62	8.11	6	2.593	111.4
508	8/4/2009 16:31	18.46	50.149	32.92	8.38	7.97	7.3	2.548	108.8
509	8/4/2009 16:46	18.53	50.264	33	8.39	7.97	6	2.515	109
510	8/4/2009 17:01	18.66	50.307	33.03	8.35	8.09	5.7	2.478	108.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
511	8/4/2009 17:16	18.7	50.224	32.97	8.28	7.97	5.2	2.459	107.9
512	8/4/2009 17:31	18.77	50.242	32.99	7.84	7.96	4.5	2.45	102.4
513	8/4/2009 17:46	18.69	50.166	32.93	8.56	7.98	5.7	2.457	111.5
514	8/4/2009 18:01	18.81	50.112	32.89	8.28	7.97	5.5	2.468	108.2
515	8/4/2009 18:16	18.88	50.274	33.01	8.2	7.97	5.1	2.499	107.3
516	8/4/2009 18:31	18.89	50.341	33.06	7.99	8.08	5.8	2.531	104.6
517	8/4/2009 18:46	18.87	50.33	33.05	7.99	7.96	5.7	2.574	104.5
518	8/4/2009 19:01	18.71	50.273	33.01	7.92	7.95	5.7	2.64	103.3
519	8/4/2009 19:16	18.61	50.344	33.06	7.91	7.95	5.9	2.689	103
520	8/4/2009 19:31	18.44	50.3	33.03	8.06	8.08	6.1	2.757	104.6
521	8/4/2009 19:46	18.28	50.167	32.93	8.14	7.95	6.2	2.824	105.3
522	8/4/2009 20:01	18.09	50.24	32.98	8.12	7.95	7.1	2.881	104.7
523	8/4/2009 20:16	17.72	50.258	32.99	8.27	8.08	7.1	2.955	105.9
524	8/4/2009 20:31	17.19	50.218	32.96	8.66	8.1	6.5	3.031	109.7
525	8/4/2009 20:46	16.84	50.118	32.88	8.8	7.96	6.9	3.098	110.7
526	8/4/2009 21:01	16.66	50.121	32.88	8.89	7.96	5.8	3.169	111.4
527	8/4/2009 21:16	16.53	50.108	32.87	8.89	7.96	5.7	3.249	111.1
528	8/4/2009 21:31	16.1	49.861	32.68	9.26	7.97	6	3.322	114.7
529	8/4/2009 21:46	15.75	49.995	32.78	9.52	7.99	6.3	3.395	117.1
530	8/4/2009 22:01	15.51	50.077	32.83	9.73	8	6.2	3.471	119.2
531	8/4/2009 22:16	15.4	49.857	32.67	9.97	8	6.9	3.54	121.8
532	8/4/2009 22:31	15.15	50.024	32.78	10.2	8.02	6.1	3.599	124.1
533	8/4/2009 22:46	15	50.084	32.82	10.41	8.19	5.9	3.652	126.2
534	8/4/2009 23:01	14.92	49.708	32.55	10.46	8.03	5.1	3.704	126.4
535	8/4/2009 23:16	14.99	49.894	32.68	10.45	8.03	4.6	3.744	126.6
536	8/4/2009 23:31	14.83	50.078	32.82	10.47	8.2	3.1	3.769	126.6
537	8/4/2009 23:46	14.99	49.899	32.69	10.33	8.18	3.2	3.778	125.2
538	8/5/2009 00:01	15.04	49.992	32.76	10.14	8.18	3.9	3.782	123
539	8/5/2009 00:16	14.84	50.053	32.8	10.34	8.19	4.3	3.754	125
540	8/5/2009 00:31	15.07	50.051	32.8	9.96	8.17	5.5	3.701	121
541	8/5/2009 00:46	15.24	50.094	32.84	9.77	8.16	7.2	3.635	119.1
542	8/5/2009 01:01	15.98	50.013	32.79	8.89	7.96	8.1	3.557	109.9
543	8/5/2009 01:16	16.26	50.151	32.9	8.7	7.96	8.1	3.466	108.2
544	8/5/2009 01:31	16.32	50.178	32.92	8.82	8.12	9	3.37	109.8
545	8/5/2009 01:46	16.13	50.177	32.91	9.05	8.12	8.1	3.249	112.3
546	8/5/2009 02:01	16.29	49.962	32.76	8.88	7.97	8.8	3.146	110.5
547	8/5/2009 02:16	16.67	50.203	32.94	8.57	7.95	8.3	3.04	107.4
548	8/5/2009 02:31	17.19	50.273	33	8.04	8.06	8.4	2.926	101.9
549	8/5/2009 02:46	17.64	50.185	32.94	7.68	7.91	9	2.802	98.2
550	8/5/2009 03:01	17.91	50.346	33.06	7.6	7.91	8.4	2.696	97.7
551	8/5/2009 03:16	17.95	50.353	33.06	7.73	7.93	9.3	2.578	99.5
552	8/5/2009 03:31	17.76	50.267	33	7.89	8.07	9.2	2.458	101
553	8/5/2009 03:46	17.6	50.278	33.01	7.98	7.94	10	2.326	101.9
554	8/5/2009 04:01	17.49	50.268	33	7.93	8.07	9.9	2.193	101.1
555	8/5/2009 04:16	17.4	50.208	32.95	7.85	8.07	9.3	2.081	99.9
556	8/5/2009 04:31	17.46	50.239	32.98	7.71	7.93	9.3	1.946	98.3
557	8/5/2009 04:46	17.63	50.256	32.99	7.55	7.92	9.3	1.813	96.5
558	8/5/2009 05:01	17.81	50.335	33.05	7.38	8.05	8.7	1.71	94.7
559	8/5/2009 05:16	17.97	50.397	33.1	7.28	7.91	8	1.599	93.7
560	8/5/2009 05:31	18.22	50.398	33.1	7.2	8.05	7.3	1.504	93.1
561	8/5/2009 05:46	18.28	50.248	32.99	7.09	7.91	6.7	1.441	91.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
562	8/5/2009 06:01	18.43	50.343	33.06	7.08	7.91	6	1.396	91.9
563	8/5/2009 06:16	18.49	50.46	33.15	7.1	8.04	6.2	1.375	92.4
564	8/5/2009 06:31	18.52	50.509	33.18	7	8.04	6.5	1.387	91.1
565	8/5/2009 06:46	18.49	50.34	33.06	7.11	7.92	5.6	1.408	92.3
566	8/5/2009 07:01	18.53	50.343	33.06	7.14	7.92	5.1	1.435	92.9
567	8/5/2009 07:16	18.62	50.497	33.17	7.19	7.93	4.9	1.512	93.7
568	8/5/2009 07:31	18.76	50.507	33.18	7.27	7.94	5.3	1.574	95
569	8/5/2009 07:46	18.71	50.428	33.12	7.28	8.06	5.3	1.649	95
570	8/5/2009 08:01	18.78	50.365	33.08	7.03	7.91	7.9	1.735	91.8
571	8/5/2009 08:16	18.84	50.403	33.11	6.83	8.01	8.9	1.8	89.3
572	8/5/2009 08:31	18.82	50.409	33.11	6.83	7.89	9.2	1.892	89.3
573	8/5/2009 08:46	18.68	50.408	33.11	7.02	8.03	8.1	1.972	91.6
574	8/5/2009 09:01	18.59	50.435	33.13	7.05	8.03	8	2.058	91.8
575	8/5/2009 09:16	18.49	50.214	32.97	7.09	7.91	7.1	2.151	92.1
576	8/5/2009 09:31	18.44	50.438	33.13	7.15	7.91	7.1	2.239	92.9
577	8/5/2009 09:46	18.26	50.416	33.11	7.23	8.04	7	2.34	93.5
578	8/5/2009 10:01	18.17	50.397	33.1	7.26	8.04	6.8	2.428	93.8
579	8/5/2009 10:16	18.13	50.348	33.06	7.27	8.04	7.1	2.524	93.8
580	8/5/2009 10:31	18.03	50.262	33	7.28	8.04	7.3	2.605	93.8
581	8/5/2009 10:46	17.85	50.248	32.99	7.38	7.91	8.3	2.697	94.7
582	8/5/2009 11:01	17.61	50.252	32.99	7.5	7.91	8.5	2.785	95.7
583	8/5/2009 11:16	17.48	50.269	33	7.57	7.91	8.7	2.851	96.5
584	8/5/2009 11:31	17.3	50.075	32.86	7.71	7.91	9	2.935	97.8
585	8/5/2009 11:46	16.93	50.184	32.93	7.99	8.07	9.4	3.007	100.8
586	8/5/2009 12:01	16.65	50.212	32.95	8.18	8.08	9.4	3.068	102.6
587	8/5/2009 12:16	16.32	49.912	32.72	8.41	7.94	9.3	3.134	104.7
588	8/5/2009 12:31	15.96	50.045	32.82	8.68	7.95	8.5	3.191	107.3
589	8/5/2009 12:46	15.68	50.101	32.85	8.94	8.12	7.3	3.24	109.9
590	8/5/2009 13:01	15.49	49.996	32.77	9.03	7.96	5.9	3.28	110.5
591	8/5/2009 13:16	15.38	50.038	32.8	9.06	7.97	4.4	3.311	110.7
592	8/5/2009 13:31	15.35	50.076	32.83	8.85	8.12	3.4	3.318	108.1
593	8/5/2009 13:46	15.41	50.132	32.87	9.01	8.12	4.8	3.317	110.2
594	8/5/2009 14:01	15.36	50.009	32.78	9.07	8.12	5.5	3.296	110.8
595	8/5/2009 14:16	15.45	50.054	32.81	8.9	7.96	7.6	3.254	108.9
596	8/5/2009 14:31	15.61	50.11	32.86	8.85	8.11	7.2	3.196	108.6
597	8/5/2009 14:46	16.2	50.107	32.87	8.72	7.95	8.3	3.12	108.3
598	8/5/2009 15:01	16.81	50.084	32.86	8.49	7.95	9.8	3.05	106.7
599	8/5/2009 15:16	17.29	50.235	32.97	8.38	8.1	7.9	2.977	106.3
600	8/5/2009 15:31	17.35	50.19	32.94	8.41	8.1	7.4	2.891	106.8
601	8/5/2009 15:46	17.54	50.123	32.89	8.47	7.96	7.5	2.813	108
602	8/5/2009 16:01	17.67	50.165	32.92	8.71	8.11	6.5	2.741	111.3
603	8/5/2009 16:16	17.82	50.21	32.96	8.78	7.98	6.1	2.677	112.5
604	8/5/2009 16:31	18	50.132	32.9	8.72	7.98	6.6	2.621	112.2
605	8/5/2009 16:46	17.82	50.226	32.97	9.11	8	5.9	2.551	116.8
606	8/5/2009 17:01	18.3	50.226	32.97	8.75	7.98	6.9	2.489	113.3
607	8/5/2009 17:16	18.41	50.247	32.99	8.84	8.13	5.6	2.466	114.6
608	8/5/2009 17:31	18.62	50.24	32.98	8.62	7.99	5.4	2.42	112.3
609	8/5/2009 17:46	18.65	50.222	32.97	8.67	7.99	5.6	2.371	112.9
610	8/5/2009 18:01	18.72	50.237	32.98	8.73	7.99	4.8	2.357	113.9
611	8/5/2009 18:16	18.73	50.275	33.01	8.72	8	4.9	2.369	113.8
612	8/5/2009 18:31	19.01	50.186	32.95	8.57	7.99	7	2.361	112.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
613	8/5/2009 18:46	18.98	50.352	33.07	8.73	8	4.8	2.374	114.5
614	8/5/2009 19:01	18.9	50.266	33	8.54	8.12	5	2.419	111.8
615	8/5/2009 19:16	18.98	50.34	33.06	8.37	7.98	6.7	2.458	109.8
616	8/5/2009 19:31	18.96	50.324	33.05	8.33	7.97	5.6	2.512	109.2
617	8/5/2009 19:46	18.93	50.294	33.03	8.24	7.96	6.7	2.568	107.9
618	8/5/2009 20:01	19.11	50.271	33.01	8.04	7.95	7.6	2.632	105.6
619	8/5/2009 20:16	18.73	50.315	33.04	8.1	7.95	7.4	2.71	105.7
620	8/5/2009 20:31	18.49	50.108	32.89	8.12	7.95	6.4	2.773	105.4
621	8/5/2009 20:46	18.17	50.282	33.01	8.1	8.08	7	2.85	104.6
622	8/5/2009 21:01	17.67	50.209	32.96	8.21	8.09	7.8	2.916	104.9
623	8/5/2009 21:16	17.13	50.109	32.88	8.34	7.94	7	2.999	105.5
624	8/5/2009 21:31	16.92	50.201	32.94	8.35	8.09	7.3	3.076	105.2
625	8/5/2009 21:46	16.81	50.207	32.95	8.35	8.09	7	3.147	105
626	8/5/2009 22:01	16.6	50.105	32.87	8.47	7.94	6.8	3.222	106
627	8/5/2009 22:16	16.16	50.112	32.87	8.74	7.95	6	3.303	108.5
628	8/5/2009 22:31	15.88	50.106	32.86	8.89	8.11	6.3	3.376	109.7
629	8/5/2009 22:46	15.61	50.135	32.88	9.06	8.13	6.8	3.457	111.3
630	8/5/2009 23:01	15.43	50.049	32.81	9.28	8.14	8.2	3.519	113.4
631	8/5/2009 23:16	15.13	49.936	32.72	9.58	7.99	6.3	3.584	116.4
632	8/5/2009 23:31	14.86	49.838	32.64	9.92	8.01	5.5	3.645	119.8
633	8/5/2009 23:46	14.72	50.074	32.81	9.95	8.17	4.8	3.686	120
634	8/6/2009 00:01	14.63	49.994	32.75	9.95	8.17	3	3.721	119.8
635	8/6/2009 00:16	14.56	50.075	32.81	9.88	8.17	3.2	3.744	118.7
636	8/6/2009 00:31	14.93	49.968	32.74	9.72	8.16	3.6	3.751	117.7
637	8/6/2009 00:46	14.68	50.007	32.76	9.73	8	4.2	3.733	117.2
638	8/6/2009 01:01	14.58	50.043	32.78	9.83	8.16	4	3.692	118.1
639	8/6/2009 01:16	14.84	50.054	32.8	9.55	8.15	6.3	3.631	115.5
640	8/6/2009 01:31	15.14	50.056	32.81	9.28	8.14	6.7	3.568	112.9
641	8/6/2009 01:46	15.81	50.101	32.85	8.7	8.11	8.6	3.481	107.3
642	8/6/2009 02:01	16.03	50.109	32.86	8.55	8.1	8.2	3.383	105.8
643	8/6/2009 02:16	16.11	50.159	32.9	8.63	8.1	10.2	3.27	107
644	8/6/2009 02:31	16.36	50.155	32.9	8.47	8.1	9.5	3.173	105.5
645	8/6/2009 02:46	16.56	50.127	32.88	8.3	7.94	8.8	3.067	103.8
646	8/6/2009 03:01	17.15	50.277	33	7.92	8.07	9.7	2.947	100.3
647	8/6/2009 03:16	17.63	50.216	32.96	7.64	8.06	9.1	2.837	97.6
648	8/6/2009 03:31	17.89	50.203	32.95	7.65	7.92	10.6	2.722	98.2
649	8/6/2009 03:46	17.61	50.213	32.96	7.77	7.93	10.6	2.606	99.2
650	8/6/2009 04:01	16.74	50.275	33	8.02	8.09	11	2.481	100.8
651	8/6/2009 04:16	17.15	50.186	32.94	7.88	8.08	10.4	2.354	99.8
652	8/6/2009 04:31	17.02	50.216	32.96	7.84	8.08	10.2	2.23	99
653	8/6/2009 04:46	17.14	50.369	33.07	7.71	8.07	10.4	2.097	97.7
654	8/6/2009 05:01	17.35	50.341	33.05	7.57	8.06	10.2	1.97	96.2
655	8/6/2009 05:16	17.68	50.364	33.07	7.44	8.06	10.9	1.844	95.2
656	8/6/2009 05:31	17.79	50.391	33.09	7.32	8.05	8.8	1.725	93.9
657	8/6/2009 05:46	18.02	50.428	33.12	7.21	8.05	7.8	1.633	92.9
658	8/6/2009 06:01	18.18	50.465	33.15	7.16	8.05	8.3	1.524	92.6
659	8/6/2009 06:16	18.35	50.443	33.13	7.17	8.06	7.4	1.455	93
660	8/6/2009 06:31	18.37	50.451	33.14	7.08	8.05	7.2	1.413	91.8
661	8/6/2009 06:46	18.47	50.475	33.16	7.11	8.05	7.3	1.372	92.5
662	8/6/2009 07:01	18.57	50.512	33.18	7.13	8.06	5.8	1.367	92.9
663	8/6/2009 07:16	18.39	50.476	33.16	7.04	8.05	6.7	1.403	91.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
664	8/6/2009 07:31	18.48	50.514	33.19	7.13	8.06	5.8	1.444	92.7
665	8/6/2009 07:46	18.61	50.402	33.1	7.19	7.92	5.8	1.509	93.7
666	8/6/2009 08:01	18.76	50.4	33.1	7.3	7.93	5.4	1.571	95.3
667	8/6/2009 08:16	18.75	50.479	33.16	7.29	7.93	6.7	1.662	95.3
668	8/6/2009 08:31	18.78	50.427	33.12	7.14	7.91	7.8	1.757	93.3
669	8/6/2009 08:46	18.83	50.515	33.19	6.97	8.04	8.9	1.81	91.3
670	8/6/2009 09:01	18.83	50.474	33.16	6.94	8.04	9.2	1.897	90.8
671	8/6/2009 09:16	18.68	50.453	33.14	7.08	7.9	8	2.005	92.4
672	8/6/2009 09:31	18.56	50.424	33.12	7.1	7.9	7.6	2.08	92.4
673	8/6/2009 09:46	18.5	50.309	33.04	7.09	7.9	7.4	2.171	92.1
674	8/6/2009 10:01	18.47	50.39	33.09	7.12	7.9	7.7	2.277	92.6
675	8/6/2009 10:16	18.4	50.386	33.09	7.18	7.91	7.7	2.372	93.2
676	8/6/2009 10:31	18.27	50.422	33.12	7.21	8.05	7.6	2.463	93.3
677	8/6/2009 10:46	18.13	50.253	32.99	7.19	8.05	7.9	2.551	92.7
678	8/6/2009 11:01	17.91	50.365	33.07	7.21	8.04	8.7	2.649	92.7
679	8/6/2009 11:16	17.75	50.253	32.99	7.29	7.89	9.2	2.741	93.4
680	8/6/2009 11:31	17.59	50.249	32.99	7.39	7.89	9.2	2.813	94.4
681	8/6/2009 11:46	17.46	50.253	32.99	7.47	7.89	9.2	2.895	95.1
682	8/6/2009 12:01	17.24	50.28	33.01	7.6	8.06	10.9	2.983	96.4
683	8/6/2009 12:16	16.82	50.263	32.99	7.88	8.07	9.8	3.051	99.2
684	8/6/2009 12:31	16.52	50.181	32.92	8.05	8.08	8.8	3.121	100.6
685	8/6/2009 12:46	16.13	50.093	32.85	8.19	7.92	8.8	3.189	101.6
686	8/6/2009 13:01	15.69	50.101	32.85	8.43	8.08	9.2	3.248	103.7
687	8/6/2009 13:16	15.44	50.142	32.88	8.57	8.09	6.6	3.294	104.9
688	8/6/2009 13:31	15.29	50.042	32.8	8.63	7.94	5.4	3.341	105.3
689	8/6/2009 13:46	15.2	50.024	32.78	8.6	7.94	3.8	3.356	104.6
690	8/6/2009 14:01	15.64	50.174	32.9	8.51	8.09	4.3	3.377	104.6
691	8/6/2009 14:16	15.36	50.041	32.8	8.57	8.09	4	3.38	104.7
692	8/6/2009 14:31	15.21	50.024	32.78	8.63	7.94	5.2	3.336	105.1
693	8/6/2009 14:46	15.33	50.084	32.83	8.51	7.93	6.7	3.289	103.9
694	8/6/2009 15:01	15.69	50.082	32.84	8.41	7.93	7.1	3.228	103.5
695	8/6/2009 15:16	16.27	50.169	32.91	8.34	8.09	8.3	3.16	103.7
696	8/6/2009 15:31	16.73	50.117	32.88	8.21	8.09	9.6	3.079	103.1
697	8/6/2009 15:46	17.03	50.262	32.99	8.2	8.09	8.9	2.974	103.6
698	8/6/2009 16:01	17.14	50.197	32.94	8.18	8.09	7.9	2.901	103.6
699	8/6/2009 16:16	17.24	50.221	32.96	8.4	8.1	7	2.822	106.5
700	8/6/2009 16:31	17.44	50.202	32.95	8.42	8.11	6.5	2.734	107.2
701	8/6/2009 16:46	17.48	50.209	32.96	8.55	8.12	6.3	2.66	108.9
702	8/6/2009 17:01	17.8	50.221	32.97	8.43	7.96	6.7	2.587	108
703	8/6/2009 17:16	17.78	50.286	33.01	8.45	7.96	6.3	2.529	108.4
704	8/6/2009 17:31	17.86	50.362	33.07	8.48	8.11	5.9	2.464	108.9
705	8/6/2009 17:46	17.91	50.288	33.02	8.41	8.11	5.8	2.4	108
706	8/6/2009 18:01	17.91	50.258	32.99	8.43	7.96	5.4	2.35	108.4
707	8/6/2009 18:16	18.11	50.284	33.01	8.37	7.96	5.1	2.318	108
708	8/6/2009 18:31	18.18	50.34	33.06	8.36	7.96	4.6	2.283	108.1
709	8/6/2009 18:46	18.36	50.42	33.12	8.26	8.11	4.7	2.255	107.1
710	8/6/2009 19:01	18.55	50.218	32.97	8.11	7.96	4.4	2.271	105.4
711	8/6/2009 19:16	18.56	50.219	32.97	8.15	7.97	4.1	2.284	106
712	8/6/2009 19:31	18.72	50.274	33.01	8.15	7.97	4.3	2.312	106.4
713	8/6/2009 19:46	18.66	50.175	32.94	8.03	7.96	4.5	2.347	104.5
714	8/6/2009 20:01	18.65	50.379	33.09	8.01	7.96	4.8	2.402	104.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
715	8/6/2009 20:16	18.57	50.333	33.05	7.95	7.95	5.7	2.468	103.4
716	8/6/2009 20:31	18.62	50.454	33.14	7.77	8.09	7	2.54	101.2
717	8/6/2009 20:46	18.64	50.378	33.09	7.67	8.07	7.7	2.603	99.9
718	8/6/2009 21:01	18.35	50.411	33.11	7.7	8.07	6.8	2.675	99.9
719	8/6/2009 21:16	18.1	50.369	33.08	7.76	8.07	6.7	2.763	100.1
720	8/6/2009 21:31	17.82	50.218	32.97	7.74	7.92	6.7	2.816	99.2
721	8/6/2009 21:46	17.47	50.077	32.86	7.77	7.91	6.7	2.9	98.9
722	8/6/2009 22:01	17.15	50.289	33.01	7.8	7.91	6.8	2.979	98.7
723	8/6/2009 22:16	16.99	50.203	32.95	7.79	7.91	7.6	3.044	98.4
724	8/6/2009 22:31	16.72	50.237	32.97	7.89	8.06	6.8	3.128	99.1
725	8/6/2009 22:46	16.43	50.151	32.9	7.99	7.91	6.6	3.195	99.7
726	8/6/2009 23:01	16.11	50.219	32.95	8.16	8.07	6.8	3.281	101.2
727	8/6/2009 23:16	15.77	50.207	32.93	8.27	8.07	7.4	3.357	101.9
728	8/6/2009 23:31	15.37	49.895	32.69	8.5	7.93	7.4	3.42	103.7
729	8/6/2009 23:46	14.92	50.062	32.81	8.84	7.94	6.6	3.495	107
730	8/7/2009 00:01	14.66	50.157	32.87	9	8.09	7.4	3.561	108.5
731	8/7/2009 00:16	14.41	50.145	32.85	9.13	8.1	5	3.615	109.5
732	8/7/2009 00:31	14.31	50.066	32.79	9.06	7.96	4.3	3.65	108.3
733	8/7/2009 00:46	14.18	49.961	32.71	9.16	7.96	4.1	3.687	109.2
734	8/7/2009 01:01	14.12	49.966	32.71	9.13	7.96	2.6	3.706	108.7
735	8/7/2009 01:16	14.47	49.974	32.73	8.98	7.95	3.5	3.696	107.7
736	8/7/2009 01:31	14.21	50.058	32.78	9.07	8.09	3.6	3.67	108.2
737	8/7/2009 01:46	14.27	50.132	32.84	9	8.02	4.5	3.621	107.6
738	8/7/2009 02:01	14.57	50.055	32.79	8.86	8.08	7	3.555	106.5
739	8/7/2009 02:16	15.89	50.219	32.94	8	8.06	7.7	3.478	98.8
740	8/7/2009 02:31	15.9	50.221	32.94	8.06	8.06	9.4	3.373	99.5
741	8/7/2009 02:46	15.97	50.034	32.81	8.06	7.91	14	3.275	99.7
742	8/7/2009 03:01	16.04	50.135	32.88	8	8.06	8.2	3.174	99.1
743	8/7/2009 03:16	16.38	50.248	32.97	7.74	8.04	8.5	3.069	96.6
744	8/7/2009 03:31	16.9	50.236	32.97	7.39	8.03	8.7	2.961	93.2
745	8/7/2009 03:46	17.33	50.244	32.98	7.17	8.02	7.6	2.851	91.1
746	8/7/2009 04:01	17.62	50.386	33.09	6.95	8.01	9	2.734	88.9
747	8/7/2009 04:16	17.78	50.23	32.97	6.89	8.01	9.4	2.623	88.3
748	8/7/2009 04:31	17.53	50.276	33.01	7.03	7.87	9.2	2.5	89.6
749	8/7/2009 04:46	17.36	50.359	33.06	7.18	8.03	10	2.37	91.3
750	8/7/2009 05:01	17.23	50.317	33.03	7.2	8.02	8.7	2.256	91.4
751	8/7/2009 05:16	17.07	50.204	32.95	7.21	7.87	8.7	2.13	91.2
752	8/7/2009 05:31	17.18	50.39	33.09	7.14	8.02	8.4	2.003	90.5
753	8/7/2009 05:46	17.24	50.365	33.07	7.07	8.02	8	1.885	89.7
754	8/7/2009 06:01	17.35	50.338	33.05	6.96	8.01	7.8	1.764	88.5
755	8/7/2009 06:16	17.52	50.21	32.96	6.85	7.86	7.4	1.665	87.3
756	8/7/2009 06:31	17.78	50.38	33.08	6.79	7.87	8.2	1.578	87.1
757	8/7/2009 06:46	17.88	50.434	33.12	6.77	8.01	7.1	1.508	87
758	8/7/2009 07:01	18.16	50.456	33.14	6.72	8.02	7.1	1.451	86.9
759	8/7/2009 07:16	18.18	50.293	33.02	6.71	7.87	6.7	1.431	86.6
760	8/7/2009 07:31	18.04	50.462	33.15	6.55	7.86	6.4	1.446	84.4
761	8/7/2009 07:46	18.14	50.398	33.1	6.69	7.87	5.8	1.455	86.4
762	8/7/2009 08:01	18.37	50.528	33.2	6.7	8.02	5.1	1.519	86.9
763	8/7/2009 08:16	18.23	50.485	33.16	6.75	8.02	5.1	1.58	87.3
764	8/7/2009 08:31	18.4	50.404	33.1	6.76	7.89	5	1.648	87.7
765	8/7/2009 08:46	18.37	50.496	33.17	6.8	8.03	5.2	1.739	88.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity + NTU	Depth meters	DO%
766	8/7/2009 09:01	18.43	50.476	33.16	6.68	8.01	6.8	1.81	86.7
767	8/7/2009 09:16	18.44	50.488	33.17	6.61	8.01	7.2	1.907	85.9
768	8/7/2009 09:31	18.34	50.473	33.15	6.67	8.01	6.6	1.978	86.5
769	8/7/2009 09:46	18.2	50.42	33.12	6.72	8.01	6.6	2.068	86.9
770	8/7/2009 10:01	18.13	50.431	33.12	6.73	8.01	6.7	2.158	86.9
771	8/7/2009 10:16	18.1	50.455	33.14	6.73	8.01	6	2.243	86.9
772	8/7/2009 10:31	18.02	50.436	33.13	6.79	8.02	5.7	2.345	87.5
773	8/7/2009 10:46	17.96	50.413	33.11	6.84	8.02	6.2	2.439	88
774	8/7/2009 11:01	17.92	50.398	33.1	6.86	8.02	7.2	2.536	88.2
775	8/7/2009 11:16	17.85	50.316	33.04	6.9	7.87	7.1	2.624	88.6
776	8/7/2009 11:31	17.72	50.254	32.99	6.99	7.87	7.4	2.711	89.5
777	8/7/2009 11:46	17.57	50.257	32.99	7.09	8.02	8.4	2.805	90.5
778	8/7/2009 12:01	17.33	50.331	33.04	7.19	8.02	8.9	2.879	91.4
779	8/7/2009 12:16	17.18	50.301	33.02	7.28	8.02	8.3	2.958	92.3
780	8/7/2009 12:31	16.88	50.199	32.94	7.53	8.03	9.3	3.047	94.8
781	8/7/2009 12:46	16.59	50.15	32.9	7.79	8.04	9.8	3.118	97.6
782	8/7/2009 13:01	16.17	50.122	32.88	8.03	8.05	8.4	3.185	99.7
783	8/7/2009 13:16	15.76	50.08	32.84	8.34	8.06	7.8	3.244	102.7
784	8/7/2009 13:31	15.48	49.956	32.74	8.56	7.93	7	3.313	104.7
785	8/7/2009 13:46	15.3	50.004	32.77	8.75	7.94	5.5	3.364	106.7
786	8/7/2009 14:01	15.18	50.062	32.81	8.79	8.08	4.8	3.391	107
787	8/7/2009 14:16	15.13	50.112	32.85	8.73	7.94	3.5	3.421	106.2
788	8/7/2009 14:31	15.39	49.966	32.75	8.74	8.08	4.2	3.428	106.7
Mean		17.10	50.17	32.92	8.61	8.04	6.66	2.70	108.61
Minimum		13.53	49.663	32.48	6.55	7.86	2	1.367	84.4
Maximum		20.07	50.528	33.2	11.81	8.27	14	3.782	139.4

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

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	8/7/2009 14:46	15.14	50.73	33.30	9.08	8.00		3.37	110.8
1	8/7/2009 15:01	15.12	50.97	33.48	9.06	8.02	5.7	3.32	110.6
2	8/7/2009 15:16	15.27	50.84	33.39	8.98	8.03	6.7	3.26	109.8
3	8/7/2009 15:31	16.20	50.61	33.23	8.82	8.05	7.8	3.21	109.8
4	8/7/2009 15:46	16.62	50.99	33.52	8.78	8.07	7.9	3.12	110.4
5	8/7/2009 16:01	17.19	51.20	33.68	8.80	8.09	9.2	3.03	112.0
6	8/7/2009 16:16	17.14	50.54	33.19	8.76	8.10	9.3	2.93	111.1
7	8/7/2009 16:31	17.31	50.64	33.27	8.84	8.10	8.1	2.86	112.5
8	8/7/2009 16:46	17.29	50.69	33.31	9.17	8.13	6.5	2.77	116.6
9	8/7/2009 17:01	17.44	50.91	33.47	9.22	8.13	7.3	2.67	117.7
10	8/7/2009 17:16	17.60	50.70	33.31	9.11	8.13	7.2	2.60	116.6
11	8/7/2009 17:31	17.80	51.10	33.61	9.25	8.15	7.2	2.52	119.0
12	8/7/2009 17:46	18.09	50.69	33.31	9.17	8.15	7.4	2.45	118.5
13	8/7/2009 18:01	18.19	50.74	33.35	9.19	8.15	7.9	2.38	118.9
14	8/7/2009 18:16	18.30	50.71	33.33	9.17	8.16	7.4	2.31	118.9
15	8/7/2009 18:31	18.34	50.76	33.37	9.25	8.16	7.3	2.25	120.1
16	8/7/2009 18:46	18.56	51.25	33.72	9.14	8.16	7.9	2.20	119.4
17	8/7/2009 19:01	18.70	50.85	33.43	9.12	8.16	6.7	2.17	119.2
18	8/7/2009 19:16	18.77	51.67	34.04	9.11	8.17		2.13	119.7
19	8/7/2009 19:31	18.89	50.75	33.36	8.98	8.17	5.2	2.14	117.8
20	8/7/2009 19:46	18.59	50.79	33.39	9.17	8.16	5.0	2.15	119.7
21	8/7/2009 20:01	19.18	50.99	33.54	8.99	8.16	4.6	2.15	118.7
22	8/7/2009 20:16	19.08	51.03	33.57	9.03	8.16	4.8	2.19	119.0
23	8/7/2009 20:31	19.46	51.04	33.57	9.14	8.18	4.7	2.24	121.3
24	8/7/2009 20:46	19.52	51.04	33.57	9.13	8.17	5.4	2.31	121.3
25	8/7/2009 21:01	19.39	51.08	33.60	9.01	8.16	6.6	2.37	119.5
26	8/7/2009 21:16	19.62	50.99	33.53	8.54	8.13	7.7	2.44	113.7
27	8/7/2009 21:31	19.62	51.37	33.82	8.40	8.11	8.9	2.52	111.9
28	8/7/2009 21:46	19.20	51.05	33.58	8.48	8.10	7.6	2.59	112.1
29	8/7/2009 22:01	18.97	50.85	33.43	8.43	8.10	6.7	2.66	110.8
30	8/7/2009 22:16	18.77	50.92	33.48	8.39	8.09	6.9	2.73	109.9
31	8/7/2009 22:31	17.98	51.29	33.76	8.20	8.06	6.2	2.80	106.0
32	8/7/2009 22:46	17.66	50.79	33.39	8.15	8.05	5.8	2.88	104.4
33	8/7/2009 23:01	17.39	50.79	33.38	8.12	8.04	5.9	2.95	103.6
34	8/7/2009 23:16	17.23	50.79	33.38	8.15	8.04	5.2	3.03	103.6
35	8/7/2009 23:31	17.11	50.77	33.37	8.20	8.04	6.2	3.10	103.9
36	8/7/2009 23:46	16.57	50.79	33.37	8.46	8.05	6.6	3.18	106.2
37	8/8/2009 0:01	16.34	50.78	33.36	8.62	8.04	6.5	3.24	107.7
38	8/8/2009 0:16	16.04	50.77	33.35	8.88	8.06	8.2	3.31	110.3
39	8/8/2009 0:31	15.60	50.69	33.28	9.31	8.07	6.2	3.38	114.5
40	8/8/2009 0:46	15.16	50.72	33.30	9.57	8.08	5.6	3.44	116.8
41	8/8/2009 1:01	15.13	50.84	33.38	9.51	8.09	4.2	3.49	116.1
42	8/8/2009 1:16	14.94	50.81	33.35	9.72	8.09	2.4	3.53	118.2
43	8/8/2009 1:31	14.83	50.76	33.31	9.66	8.09	2.5	3.55	117.2
44	8/8/2009 1:46	15.23	50.69	33.27	9.38	8.09	3.6	3.56	114.6
45	8/8/2009 2:01	14.93	50.77	33.32	9.54	8.09	3.1	3.54	115.9
46	8/8/2009 2:16	14.79	50.73	33.29	9.72	8.09	3.4	3.52	117.7
47	8/8/2009 2:31	15.01	50.74	33.31	9.43	8.09	4.6	3.46	114.7
48	8/8/2009 2:46	16.03	50.87	33.42	8.66	8.06	7.5	3.38	107.6
49	8/8/2009 3:01	16.42	50.92	33.46	8.26	8.05	9.5	3.30	103.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
50	8/8/2009 3:16	16.80	50.94	33.48	8.04	8.05	8.9	3.21	101.5
51	8/8/2009 3:31	16.81	50.92	33.47	8.14	8.06	8.5	3.10	102.8
52	8/8/2009 3:46	16.97	50.96	33.50	7.95	8.05	7.7	2.99	100.6
53	8/8/2009 4:01	17.67	51.12	33.63	7.49	8.04	7.8	2.89	96.2
54	8/8/2009 4:16	17.89	50.96	33.51	7.38	8.04	7.9	2.79	95.0
55	8/8/2009 4:31	18.10	51.05	33.58	7.31	8.04	7.5	2.68	94.5
56	8/8/2009 4:46	18.18	51.04	33.57	7.28	8.05	9.0	2.57	94.3
57	8/8/2009 5:01	18.14	51.08	33.60	7.39	8.05	8.7	2.45	95.8
58	8/8/2009 5:16	18.05	51.01	33.55	7.50	8.05	8.9	2.34	96.9
59	8/8/2009 5:31	17.87	51.06	33.58	7.48	8.04	8.2	2.22	96.3
60	8/8/2009 5:46	17.76	50.98	33.52	7.46	8.04	8.4	2.11	95.9
61	8/8/2009 6:01	17.89	51.02	33.55	7.38	8.03	9.5	1.99	95.2
62	8/8/2009 6:16	17.93	51.04	33.57	7.33	8.03	8.6	1.87	94.6
63	8/8/2009 6:31	18.03	51.10	33.61	7.22	8.03	7.4	1.76	93.3
64	8/8/2009 6:46	18.24	51.02	33.56	7.23	8.03	7.0	1.66	93.7
65	8/8/2009 7:01	18.37	51.12	33.63	7.13	8.03	7.9	1.59	92.8
66	8/8/2009 7:16	18.53	51.06	33.59	7.13	8.03	6.5	1.52	93.1
67	8/8/2009 7:31	18.61	51.15	33.65	7.10	8.03	6.0	1.47	92.9
68	8/8/2009 7:46	18.67	51.14	33.65	7.05	8.04	5.2	1.46	92.3
69	8/8/2009 8:01	18.52	51.16	33.66	7.03	8.02	5.2	1.47	91.7
70	8/8/2009 8:16	18.78	51.11	33.62	7.08	8.05	4.9	1.48	92.8
71	8/8/2009 8:31	18.78	51.11	33.63	7.13	8.05	4.6	1.53	93.5
72	8/8/2009 8:46	18.82	51.12	33.63	7.14	8.05	5.1	1.60	93.7
73	8/8/2009 9:01	18.90	51.13	33.64	7.19	8.05	4.8	1.67	94.5
74	8/8/2009 9:16	18.90	51.16	33.66	7.20	8.06	5.5	1.74	94.6
75	8/8/2009 9:31	19.04	51.12	33.64	6.99	8.03	7.2	1.83	92.1
76	8/8/2009 9:46	19.11	51.11	33.62	6.83	8.02	8.2	1.90	90.1
77	8/8/2009 10:01	18.89	51.10	33.62	6.98	8.02	7.0	2.01	91.7
78	8/8/2009 10:16	18.77	51.13	33.64	7.01	8.02	6.5	2.08	91.9
79	8/8/2009 10:31	18.70	51.09	33.61	7.03	8.02	6.0	2.17	92.1
80	8/8/2009 10:46	18.66	51.05	33.58	7.07	8.03	6.0	2.27	92.5
81	8/8/2009 11:01	18.44	51.03	33.57	7.17	8.02	6.2	2.36	93.3
82	8/8/2009 11:16	18.37	51.08	33.60	7.23	8.02	6.7	2.45	94.1
83	8/8/2009 11:31	18.28	51.05	33.58	7.26	8.01	6.8	2.53	94.2
84	8/8/2009 11:46	18.17	51.01	33.55	7.35	8.01	7.1	2.63	95.3
85	8/8/2009 12:01	17.95	51.00	33.54	7.48	8.01	8.2	2.71	96.4
86	8/8/2009 12:16	17.74	50.95	33.50	7.60	8.01	8.4	2.79	97.6
87	8/8/2009 12:31	17.58	50.96	33.51	7.71	8.01	7.5	2.88	98.8
88	8/8/2009 12:46	17.38	50.87	33.44	7.89	8.02	9.0	2.96	100.6
89	8/8/2009 13:01	16.97	50.86	33.43	8.30	8.03	8.5	3.04	105.0
90	8/8/2009 13:16	16.62	50.78	33.37	8.57	8.04	9.3	3.11	107.6
91	8/8/2009 13:31	16.01	50.80	33.37	9.03	8.05	9.2	3.19	112.1
92	8/8/2009 13:46	15.65	50.79	33.36	9.40	8.06	8.1	3.25	115.8
93	8/8/2009 14:01	15.41	50.77	33.34	9.69	8.07	7.0	3.31	118.8
94	8/8/2009 14:16	15.28	50.81	33.36	9.88	8.09	6.0	3.36	120.9
95	8/8/2009 14:31	15.19	50.77	33.33	9.95	8.09	3.1	3.39	121.5
96	8/8/2009 14:46	15.72	50.89	33.43	9.71	8.09	3.1	3.41	119.9
97	8/8/2009 15:01	15.40	50.71	33.29	9.83	8.09	4.8	3.41	120.6
98	8/8/2009 15:16	15.21	50.74	33.31	9.97	8.09	5.3	3.38	121.8
99	8/8/2009 15:31	15.26	50.78	33.34	9.88	8.09	5.4	3.33	120.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
100	8/8/2009 15:46	15.92	50.76	33.34	9.71	8.09	7.9	3.27	120.3
101	8/8/2009 16:01	16.04	50.86	33.41	9.77	8.10	7.6	3.19	121.4
102	8/8/2009 16:16	16.45	50.82	33.39	9.53	8.10	11.5	3.10	119.3
103	8/8/2009 16:31	16.70	51.33	33.77	9.45	8.11	14.3	3.02	119.2
104	8/8/2009 16:46	16.66	50.81	33.39	9.75	8.13	16.4	2.91	122.6
105	8/8/2009 17:01	16.77	50.76	33.35	9.75	8.14	15.5	2.83	122.8
106	8/8/2009 17:16	17.13	50.86	33.43	9.48	8.14	17.4	2.74	120.3
107	8/8/2009 17:31	17.50	50.82	33.40	9.18	8.13	16.7	2.65	117.3
108	8/8/2009 17:46	17.92	51.66	34.03	8.86	8.11	17.2	2.57	114.6
109	8/8/2009 18:01	18.22	50.87	33.44	8.77	8.11	19.6	2.48	113.6
110	8/8/2009 18:16	18.31	50.90	33.47	8.79	8.12	16.0	2.41	114.1
111	8/8/2009 18:31	18.42	50.97	33.52	8.73	8.11	15.2	2.33	113.7
112	8/8/2009 18:46	18.55	50.86	33.44	8.66	8.11	13.9	2.26	112.9
113	8/8/2009 19:01	18.54	50.95	33.50	8.62	8.11	13.2	2.19	112.4
114	8/8/2009 19:16	18.57	50.95	33.50	8.64	8.11	13.1	2.12	112.8
115	8/8/2009 19:31	18.73	50.95	33.51	8.67	8.12	11.0	2.07	113.5
116	8/8/2009 19:46	18.82	51.02	33.56	8.64	8.12	11.1	2.05	113.3
117	8/8/2009 20:01	19.12	50.98	33.53	8.60	8.12	10.1	2.01	113.4
118	8/8/2009 20:16	19.31	51.05	33.58	8.54	8.12	9.2	2.00	113.0
119	8/8/2009 20:31	19.48	51.11	33.63	8.26	8.11	8.9	2.02	109.8
120	8/8/2009 20:46	19.65	51.14	33.64	8.63	8.13	8.8	2.04	115.0
121	8/8/2009 21:01	19.47	51.08	33.60	8.60	8.12	9.1	2.08	114.1
122	8/8/2009 21:16	19.62	51.07	33.59	8.63	8.13	10.3	2.14	114.9
123	8/8/2009 21:31	19.69	51.12	33.63	8.70	8.14	10.6	2.22	116.1
124	8/8/2009 21:46	19.88	51.05	33.58	8.37	8.10	11.0	2.29	112.0
125	8/8/2009 22:01	19.99	51.08	33.60	8.10	8.09	11.2	2.36	108.6
126	8/8/2009 22:16	19.66	51.07	33.60	8.30	8.09	11.9	2.44	110.5
127	8/8/2009 22:31	19.42	51.05	33.58	8.26	8.08	9.8	2.51	109.6
128	8/8/2009 22:46	19.26	51.77	34.11	8.25	8.08	9.7	2.58	109.4
129	8/8/2009 23:01	18.93	50.98	33.53	8.35	8.07	9.6	2.65	109.8
130	8/8/2009 23:16	18.38	50.90	33.47	8.36	8.05	8.9	2.72	108.6
131	8/8/2009 23:31	18.26	50.88	33.45	8.32	8.05	8.3	2.80	107.9
132	8/8/2009 23:46	17.94	50.87	33.45	8.35	8.04	7.7	2.86	107.7
133	8/9/2009 0:01	17.75	50.90	33.47	8.40	8.04	6.9	2.93	107.9
134	8/9/2009 0:16	17.51	50.82	33.41	8.55	8.05	7.6	3.01	109.3
135	8/9/2009 0:31	17.22	50.86	33.43	8.69	8.05	6.7	3.08	110.5
136	8/9/2009 0:46	17.09	50.78	33.37	8.79	8.05	6.4	3.14	111.4
137	8/9/2009 1:01	16.90	50.80	33.39	8.86	8.05	6.2	3.21	112.0
138	8/9/2009 1:16	16.34	50.80	33.37	9.24	8.07	7.2	3.28	115.5
139	8/9/2009 1:31	15.91	50.82	33.38	9.52	8.07	4.5	3.33	118.0
140	8/9/2009 1:46	15.78	50.82	33.38	9.55	8.07	3.7	3.36	118.0
141	8/9/2009 2:01	15.68	50.79	33.36	9.54	8.07	2.6	3.40	117.7
142	8/9/2009 2:16	15.64	50.74	33.32	9.38	8.06	2.3	3.42	115.5
143	8/9/2009 2:31	15.94	50.73	33.32	9.31	8.07	3.2	3.42	115.4
144	8/9/2009 2:46	15.50	50.79	33.35	9.54	8.07	3.1	3.40	117.2
145	8/9/2009 3:01	15.58	50.77	33.34	9.54	8.07	4.2	3.36	117.4
146	8/9/2009 3:16	15.92	50.93	33.46	9.21	8.06	4.9	3.31	114.2
147	8/9/2009 3:31	16.58	50.80	33.38	8.69	8.05	8.5	3.24	109.1
148	8/9/2009 3:46	17.01	50.90	33.46	8.23	8.03	9.9	3.15	104.2
149	8/9/2009 4:01	17.06	50.88	33.44	8.17	8.03	9.1	3.07	103.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
150	8/9/2009 4:16	17.23	50.88	33.45	8.15	8.03	8.9	2.97	103.7
151	8/9/2009 4:31	17.46	50.96	33.51	7.85	8.02	8.5	2.87	100.3
152	8/9/2009 4:46	17.55	50.99	33.53	7.72	8.02	8.2	2.77	98.8
153	8/9/2009 5:01	18.05	51.00	33.54	7.25	8.00	9.7	2.68	93.7
154	8/9/2009 5:16	17.83	51.03	33.56	7.35	8.00	9.2	2.57	94.7
155	8/9/2009 5:31	18.09	50.96	33.51	7.52	8.02	10.4	2.46	97.2
156	8/9/2009 5:46	17.75	50.97	33.51	7.69	8.02	9.3	2.36	98.8
157	8/9/2009 6:01	17.93	50.96	33.51	7.62	8.02	11.4	2.25	98.2
158	8/9/2009 6:16	17.76	50.96	33.51	7.60	8.01	9.5	2.13	97.7
159	8/9/2009 6:31	17.88	51.04	33.57	7.48	8.01	8.9	2.03	96.4
160	8/9/2009 6:46	18.12	50.99	33.54	7.36	8.01	8.3	1.93	95.2
161	8/9/2009 7:01	18.34	51.01	33.55	7.25	8.01	7.4	1.85	94.2
162	8/9/2009 7:16	18.36	51.04	33.57	7.18	8.00	6.7	1.75	93.4
163	8/9/2009 7:31	18.59	51.08	33.60	7.10	8.01	6.4	1.68	92.7
164	8/9/2009 7:46	18.86	51.03	33.57	6.98	8.01	6.5	1.65	91.7
165	8/9/2009 8:01	18.87	51.11	33.63	6.96	8.01	6.0	1.61	91.4
166	8/9/2009 8:16	18.97	51.11	33.62	6.91	8.01	6.3	1.59	90.9
167	8/9/2009 8:31	19.12	51.13	33.64	6.71	8.00	5.1	1.59	88.5
168	8/9/2009 8:46	19.01	51.16	33.66	6.91	8.01	5.6	1.63	91.0
169	8/9/2009 9:01	19.05	51.10	33.62	6.98	8.01	5.0	1.66	91.9
170	8/9/2009 9:16	19.06	51.13	33.64	6.91	8.01	5.4	1.71	91.1
171	8/9/2009 9:31	19.13	51.16	33.67	6.95	8.02	5.5	1.77	91.8
172	8/9/2009 9:46	19.10	51.14	33.64	6.96	8.01	6.6	1.87	91.8
173	8/9/2009 10:01	19.20	51.06	33.59	6.81	7.99	7.6	1.94	89.9
174	8/9/2009 10:16	19.22	51.07	33.60	6.69	7.98	8.5	2.02	88.4
175	8/9/2009 10:31	19.03	51.12	33.63	6.82	8.00	7.6	2.11	89.9
176	8/9/2009 10:46	18.91	51.07	33.60	6.93	7.99	7.1	2.19	91.1
177	8/9/2009 11:01	18.84	51.05	33.58	6.98	8.00	6.5	2.29	91.6
178	8/9/2009 11:16	18.75	51.05	33.58	6.98	8.00	7.1	2.37	91.5
179	8/9/2009 11:31	18.58	51.01	33.55	7.12	8.00	7.6	2.45	93.0
180	8/9/2009 11:46	18.39	51.02	33.55	7.35	8.00	7.8	2.54	95.7
181	8/9/2009 12:01	18.29	51.02	33.55	7.47	8.00	7.5	2.63	97.0
182	8/9/2009 12:16	18.19	50.93	33.49	7.60	8.00	9.8	2.71	98.4
183	8/9/2009 12:31	17.98	50.94	33.49	7.78	8.01	9.4	2.79	100.4
184	8/9/2009 12:46	17.65	50.89	33.45	8.02	8.01	10.3	2.88	102.8
185	8/9/2009 13:01	17.53	50.88	33.44	8.14	8.02	10.2	2.96	104.1
186	8/9/2009 13:16	17.15	51.12	33.62	8.43	8.03	10.4	3.04	107.2
187	8/9/2009 13:31	16.84	50.81	33.39	8.76	8.04	11.5	3.11	110.6
188	8/9/2009 13:46	16.41	50.96	33.49	9.23	8.05	10.6	3.19	115.5
189	8/9/2009 14:01	15.86	51.07	33.56	9.62	8.06	9.2	3.26	119.2
190	8/9/2009 14:16	15.60	50.71	33.29	9.90	8.07	7.8	3.33	121.8
191	8/9/2009 14:31	15.36	50.68	33.27	10.21	8.08	5.9	3.39	125.0
192	8/9/2009 14:46	15.23	50.71	33.29	10.38	8.10	4.9	3.43	126.8
193	8/9/2009 15:01	15.20	50.69	33.27	10.34	8.10	2.3	3.46	126.3
194	8/9/2009 15:16	15.57	50.67	33.26	10.16	8.09	4.2	3.48	124.9
195	8/9/2009 15:31	15.39	50.67	33.26	10.26	8.10	3.9	3.47	125.8
196	8/9/2009 15:46	15.14	50.68	33.26	10.41	8.10	4.1	3.43	126.9
197	8/9/2009 16:01	15.21	50.70	33.28	10.34	8.10	7.3	3.38	126.3
198	8/9/2009 16:16	15.67	50.71	33.29	10.16	8.10	8.1	3.32	125.3
199	8/9/2009 16:31	16.00	50.75	33.33	10.11	8.11	8.2	3.24	125.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
200	8/9/2009 16:46	16.39	50.74	33.33	9.84	8.10	11.8	3.14	123.0
201	8/9/2009 17:01	16.90	50.81	33.39	9.63	8.11	12.1	3.04	121.7
202	8/9/2009 17:16	17.09	50.82	33.40	9.68	8.12	12.3	2.96	122.7
203	8/9/2009 17:31	17.32	50.69	33.31	9.83	8.13	9.3	2.87	125.1
204	8/9/2009 17:46	17.07	50.74	33.34	10.06	8.15	9.8	2.77	127.4
205	8/9/2009 18:01	17.43	50.82	33.40	9.74	8.14	13.0	2.68	124.3
206	8/9/2009 18:16	17.48	50.83	33.41	9.83	8.15	10.2	2.61	125.6
207	8/9/2009 18:31	17.80	50.84	33.42	9.60	8.15	11.0	2.52	123.4
208	8/9/2009 18:46	17.95	50.77	33.37	9.51	8.15	9.6	2.42	122.5
209	8/9/2009 19:01	18.21	50.97	33.52	9.36	8.14	10.3	2.34	121.3
210	8/9/2009 19:16	18.40	50.93	33.49	9.23	8.13	9.8	2.26	120.0
211	8/9/2009 19:31	18.40	50.95	33.51	9.27	8.14	8.6	2.19	120.5
212	8/9/2009 19:46	18.43	50.89	33.46	9.16	8.14	8.3	2.11	119.2
213	8/9/2009 20:01	18.58	50.97	33.52	9.04	8.13	7.7	2.04	118.0
214	8/9/2009 20:16	18.84	51.01	33.55	8.85	8.13	7.6	2.01	116.1
215	8/9/2009 20:31	19.11	51.05	33.58	8.73	8.12	7.8	1.97	115.1
216	8/9/2009 20:46	19.25	51.04	33.57	8.63	8.12	7.5	1.95	114.1
217	8/9/2009 21:01	19.57	51.12	33.63	8.53	8.12	6.3	1.95	113.4
218	8/9/2009 21:16	19.53	51.12	33.64	8.42	8.10	6.3	1.97	112.0
219	8/9/2009 21:31	19.56	51.40	33.84	8.52	8.11	7.0	2.00	113.5
220	8/9/2009 21:46	19.41	51.09	33.61	8.51	8.10	6.8	2.05	112.9
221	8/9/2009 22:01	19.60	51.06	33.58	8.52	8.11	7.0	2.10	113.3
222	8/9/2009 22:16	19.51	51.10	33.62	8.53	8.10	7.7	2.17	113.4
223	8/9/2009 22:31	19.65	51.10	33.61	8.24	8.08	8.4	2.25	109.7
224	8/9/2009 22:46	19.87	51.17	33.67	7.93	8.06	10.1	2.32	106.2
225	8/9/2009 23:01	19.71	51.13	33.64	8.02	8.07	9.8	2.38	107.0
226	8/9/2009 23:16	19.43	51.04	33.57	8.20	8.07	8.5	2.45	108.8
227	8/9/2009 23:31	19.29	51.04	33.57	8.22	8.06	8.3	2.52	108.8
228	8/9/2009 23:46	19.16	51.01	33.55	8.23	8.06	8.1	2.59	108.6
229	8/10/2009 0:01	18.53	50.99	33.54	8.37	8.05	6.7	2.65	109.2
230	8/10/2009 0:16	18.33	50.94	33.49	8.41	8.05	6.0	2.72	109.2
231	8/10/2009 0:31	18.10	50.90	33.46	8.47	8.05	5.9	2.79	109.5
232	8/10/2009 0:46	17.87	50.86	33.44	8.52	8.04	5.3	2.85	109.7
233	8/10/2009 1:01	17.75	50.89	33.45	8.53	8.04	4.9	2.91	109.6
234	8/10/2009 1:16	17.51	50.82	33.40	8.66	8.05	5.2	2.98	110.7
235	8/10/2009 1:31	17.24	50.77	33.37	8.79	8.04	5.2	3.04	111.8
236	8/10/2009 1:46	17.09	50.80	33.38	8.84	8.04	4.7	3.09	112.1
237	8/10/2009 2:01	16.91	50.80	33.38	8.93	8.04	4.8	3.15	112.8
238	8/10/2009 2:16	16.72	50.78	33.37	9.00	8.05	4.6	3.20	113.3
239	8/10/2009 2:31	16.47	50.75	33.34	9.06	8.05	3.1	3.23	113.5
240	8/10/2009 2:46	16.25	50.77	33.35	9.11	8.05	2.4	3.27	113.6
241	8/10/2009 3:01	16.02	50.78	33.36	9.03	8.04	2.0	3.27	112.1
242	8/10/2009 3:16	16.26	50.80	33.37	9.01	8.04	3.4	3.27	112.3
243	8/10/2009 3:31	16.12	50.73	33.32	8.98	8.04	3.7	3.26	111.7
244	8/10/2009 3:46	16.35	50.81	33.39	8.79	8.03	4.0	3.22	109.9
245	8/10/2009 4:01	16.82	50.84	33.41	8.33	8.02	6.0	3.17	105.1
246	8/10/2009 4:16	17.18	50.93	33.48	8.09	8.02	8.3	3.09	102.8
247	8/10/2009 4:31	17.24	50.96	33.51	7.93	8.00	8.7	3.01	100.9
248	8/10/2009 4:46	17.20	50.88	33.45	8.06	8.02	8.2	2.94	102.4
249	8/10/2009 5:01	17.18	50.88	33.45	8.15	8.01	7.0	2.84	103.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
250	8/10/2009 5:16	17.14	50.87	33.44	8.17	8.01	6.7	2.75	103.7
251	8/10/2009 5:31	17.24	50.95	33.49	8.07	8.01	6.7	2.65	102.6
252	8/10/2009 5:46	17.48	50.98	33.52	7.71	8.01	6.9	2.57	98.5
253	8/10/2009 6:01	17.82	50.97	33.52	7.51	8.01	6.8	2.48	96.6
254	8/10/2009 6:16	17.71	50.99	33.53	7.60	8.00	7.1	2.39	97.7
255	8/10/2009 6:31	17.79	50.95	33.51	7.56	8.00	8.1	2.29	97.3
256	8/10/2009 6:46	17.67	51.00	33.53	7.54	8.00	7.1	2.20	96.7
257	8/10/2009 7:01	17.83	51.03	33.56	7.44	8.00	7.0	2.12	95.7
258	8/10/2009 7:16	17.95	51.09	33.60	7.35	8.00	6.3	2.02	94.8
259	8/10/2009 7:31	18.01	51.01	33.55	7.27	7.99	6.3	1.94	94.0
260	8/10/2009 7:46	18.23	51.04	33.57	7.18	7.99	5.9	1.89	93.2
261	8/10/2009 8:01	18.34	51.06	33.59	7.16	8.00	5.3	1.83	93.0
262	8/10/2009 8:16	18.46	51.03	33.56	7.12	8.00	5.6	1.77	92.7
263	8/10/2009 8:31	18.58	51.14	33.65	7.01	8.00	5.6	1.75	91.6
264	8/10/2009 8:46	18.77	51.11	33.62	6.97	8.00	4.3	1.73	91.3
265	8/10/2009 9:01	18.72	51.13	33.64	6.94	7.99	4.3	1.73	90.9
266	8/10/2009 9:16	18.73	51.13	33.64	6.98	8.00	4.5	1.76	91.5
267	8/10/2009 9:31	18.72	51.11	33.63	7.08	8.00	4.8	1.79	92.7
268	8/10/2009 9:46	18.74	51.13	33.64	7.08	8.00	5.3	1.85	92.8
269	8/10/2009 10:01	18.81	51.14	33.64	7.01	8.00	5.6	1.90	91.9
270	8/10/2009 10:16	18.85	51.12	33.63	7.02	8.00	5.7	1.98	92.2
271	8/10/2009 10:31	18.80	51.09	33.61	7.04	8.00	6.7	2.07	92.3
272	8/10/2009 10:46	18.83	51.12	33.63	7.06	8.00	6.0	2.14	92.7
273	8/10/2009 11:01	18.75	51.07	33.59	7.10	8.00	6.0	2.21	93.1
274	8/10/2009 11:16	18.68	51.10	33.62	7.19	8.00	5.7	2.31	94.1
275	8/10/2009 11:31	18.62	51.07	33.60	7.27	8.00	5.6	2.38	95.1
276	8/10/2009 11:46	18.55	51.55	33.95	7.26	8.00	5.7	2.45	95.0
277	8/10/2009 12:01	18.41	50.99	33.54	7.39	8.00	5.8	2.54	96.2
278	8/10/2009 12:16	18.30	50.94	33.50	7.59	8.01	6.3	2.62	98.6
279	8/10/2009 12:31	18.24	50.93	33.49	7.72	8.01	7.1	2.71	100.1
280	8/10/2009 12:46	18.10	51.00	33.54	7.96	8.02	7.0	2.78	103.0
281	8/10/2009 13:01	17.99	50.86	33.44	8.13	8.02	7.1	2.85	104.9
282	8/10/2009 13:16	17.72	50.88	33.45	8.31	8.02	8.7	2.95	106.6
283	8/10/2009 13:31	17.55	50.88	33.45	8.39	8.02	9.9	3.02	107.3
284	8/10/2009 13:46	17.20	50.77	33.36	8.73	8.03	10.0	3.09	110.8
285	8/10/2009 14:01	16.75	50.78	33.36	9.22	8.05	7.6	3.18	116.1
286	8/10/2009 14:16	16.41	50.70	33.30	9.46	8.06	8.3	3.25	118.3
287	8/10/2009 14:31	16.00	50.86	33.41	9.64	8.06	7.6	3.32	119.6
288	8/10/2009 14:46	15.77	50.79	33.35	9.83	8.07	6.8	3.38	121.5
289	8/10/2009 15:01	15.51	50.72	33.30	10.03	8.09	6.3	3.44	123.3
290	8/10/2009 15:16	15.44	50.65	33.25	10.12	8.09	4.9	3.49	124.1
291	8/10/2009 15:31	15.35	51.08	33.56	10.06	8.09	3.1	3.51	123.4
292	8/10/2009 15:46	15.84	50.74	33.33	9.96	8.09	4.0	3.51	123.2
293	8/10/2009 16:01	15.53	50.68	33.27	9.94	8.09	4.2	3.50	122.2
294	8/10/2009 16:16	15.43	50.67	33.26	10.04	8.09	4.5	3.48	123.1
295	8/10/2009 16:31	15.44	50.65	33.25	9.97	8.09	6.7	3.41	122.3
296	8/10/2009 16:46	16.30	50.67	33.28	9.79	8.09	9.0	3.33	122.2
297	8/10/2009 17:01	16.75	50.68	33.29	9.94	8.10	8.1	3.27	125.2
298	8/10/2009 17:16	17.43	50.79	33.38	9.94	8.11	9.6	3.17	126.8
299	8/10/2009 17:31	18.27	50.75	33.36	9.83	8.13	10.7	3.08	127.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
300	8/10/2009 17:46	18.18	50.88	33.45	9.86	8.13	11.3	2.98	127.7
301	8/10/2009 18:01	18.29	50.87	33.45	9.72	8.13	8.7	2.89	126.1
302	8/10/2009 18:16	18.68	50.87	33.44	9.62	8.13	8.7	2.81	125.7
303	8/10/2009 18:31	19.06	50.90	33.47	9.58	8.13	8.7	2.71	126.1
304	8/10/2009 18:46	19.28	51.37	33.82	9.66	8.14	9.5	2.61	127.9
305	8/10/2009 19:01	19.29	50.97	33.52	9.66	8.13	8.4	2.53	127.8
306	8/10/2009 19:16	19.15	50.97	33.52	9.83	8.15	8.1	2.42	129.7
307	8/10/2009 19:31	18.66	51.21	33.70	9.90	8.14	7.1	2.34	129.6
308	8/10/2009 19:46	18.77	50.96	33.51	9.80	8.14	6.8	2.25	128.3
309	8/10/2009 20:01	18.67	50.95	33.51	9.73	8.13	6.6	2.16	127.2
310	8/10/2009 20:16	18.68	50.96	33.51	9.65	8.13	5.2	2.09	126.2
311	8/10/2009 20:31	18.98	51.03	33.57	9.47	8.13	5.2	2.01	124.6
312	8/10/2009 20:46	19.06	51.03	33.56	9.33	8.12	5.6	1.94	123.0
313	8/10/2009 21:01	19.32	51.06	33.59	9.19	8.12	4.8	1.90	121.7
314	8/10/2009 21:16	19.51	51.07	33.60	9.12	8.12	4.5	1.88	121.2
315	8/10/2009 21:31	20.11	51.15	33.65	9.09	8.13	4.2	1.85	122.1
316	8/10/2009 21:46	20.18	51.21	33.70	9.03	8.13	3.7	1.85	121.6
317	8/10/2009 22:01	20.17	51.15	33.65	8.98	8.13	4.0	1.88	120.8
318	8/10/2009 22:16	20.14	51.16	33.66	9.13	8.13	3.9	1.91	122.8
319	8/10/2009 22:31	20.04	51.11	33.62	9.13	8.12	4.2	1.95	122.5
320	8/10/2009 22:46	20.14	51.13	33.63	9.14	8.13	4.9	2.01	122.9
321	8/10/2009 23:01	20.06	51.14	33.64	9.12	8.12	6.2	2.07	122.5
322	8/10/2009 23:16	20.31	51.09	33.61	8.68	8.09	7.1	2.14	117.0
323	8/10/2009 23:31	20.46	51.10	33.61	8.42	8.08	8.5	2.20	113.8
324	8/10/2009 23:46	20.21	51.09	33.61	8.62	8.09	7.0	2.27	116.1
325	8/11/2009 0:01	20.00	51.06	33.59	8.69	8.08	7.4	2.34	116.5
326	8/11/2009 0:16	19.82	51.05	33.58	8.74	8.09	6.7	2.39	116.7
327	8/11/2009 0:31	19.68	51.03	33.56	8.77	8.08	6.4	2.46	116.9
328	8/11/2009 0:46	19.51	50.99	33.54	8.69	8.07	6.0	2.52	115.5
329	8/11/2009 1:01	19.14	50.97	33.52	8.55	8.05	6.1	2.58	112.8
330	8/11/2009 1:16	18.92	50.93	33.49	8.46	8.05	5.6	2.64	111.1
331	8/11/2009 1:31	18.75	50.96	33.51	8.41	8.04	5.7	2.69	110.2
332	8/11/2009 1:46	18.57	50.89	33.46	8.47	8.03	6.3	2.76	110.4
333	8/11/2009 2:01	18.44	50.84	33.43	8.51	8.03	4.8	2.82	110.7
334	8/11/2009 2:16	18.32	50.84	33.42	8.51	8.03	4.6	2.86	110.5
335	8/11/2009 2:31	18.11	50.84	33.43	8.58	8.03	4.6	2.91	110.9
336	8/11/2009 2:46	17.86	50.81	33.40	8.69	8.03	3.9	2.96	111.9
337	8/11/2009 3:01	17.73	50.80	33.39	8.70	8.03	3.8	3.01	111.7
338	8/11/2009 3:16	17.62	50.80	33.39	8.65	8.03	3.5	3.04	110.8
339	8/11/2009 3:31	17.51	50.75	33.35	8.62	8.02	3.0	3.06	110.1
340	8/11/2009 3:46	17.44	50.73	33.34	8.56	8.02	2.6	3.09	109.2
341	8/11/2009 4:01	17.23	50.74	33.34	8.44	8.01	2.6	3.10	107.2
342	8/11/2009 4:16	17.35	50.76	33.36	8.49	8.02	3.6	3.08	108.1
343	8/11/2009 4:31	17.24	50.77	33.36	8.60	8.02	3.2	3.05	109.4
344	8/11/2009 4:46	17.47	50.78	33.38	8.35	8.01	4.0	3.02	106.7
345	8/11/2009 5:01	18.05	50.90	33.47	7.61	7.98	7.0	2.97	98.3
346	8/11/2009 5:16	18.12	50.91	33.48	7.83	7.99	7.6	2.89	101.3
347	8/11/2009 5:31	18.36	50.96	33.52	7.70	7.99	7.8	2.82	100.1
348	8/11/2009 5:46	18.37	50.97	33.52	7.76	7.99	6.9	2.74	100.8
349	8/11/2009 6:01	18.31	50.90	33.47	7.76	7.99	6.5	2.66	100.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
350	8/11/2009 6:16	18.46	50.92	33.49	7.63	7.99	7.0	2.58	99.4
351	8/11/2009 6:31	18.55	51.01	33.55	7.49	7.98	6.8	2.50	97.7
352	8/11/2009 6:46	18.70	50.96	33.51	7.45	7.98	6.7	2.42	97.4
353	8/11/2009 7:01	18.64	50.98	33.53	7.48	7.98	6.7	2.34	97.8
354	8/11/2009 7:16	18.78	50.99	33.54	7.47	7.98	6.4	2.27	97.9
355	8/11/2009 7:31	18.72	51.09	33.61	7.53	7.99	5.9	2.20	98.6
356	8/11/2009 7:46	18.79	51.06	33.59	7.47	7.98	5.6	2.11	98.0
357	8/11/2009 8:01	19.00	51.01	33.55	7.40	7.99	6.0	2.05	97.4
358	8/11/2009 8:16	19.12	51.08	33.60	7.46	8.00	5.5	2.00	98.4
359	8/11/2009 8:31	19.17	51.48	33.90	7.37	7.99	4.8	1.96	97.5
360	8/11/2009 8:46	19.35	51.08	33.60	7.46	8.00	4.2	1.92	98.8
361	8/11/2009 9:01	19.46	51.07	33.60	7.36	8.00	4.2	1.90	97.8
362	8/11/2009 9:16	19.53	51.13	33.64	7.39	8.01	3.4	1.90	98.2
363	8/11/2009 9:31	19.48	51.11	33.62	7.22	8.01	3.5	1.89	95.9
364	8/11/2009 9:46	19.55	51.18	33.68	7.38	8.02	3.4	1.92	98.2
365	8/11/2009 10:01	19.50	51.13	33.64	7.46	8.01	3.7	1.94	99.1
366	8/11/2009 10:16	19.53	51.16	33.66	7.37	8.01	4.0	2.00	98.1
367	8/11/2009 10:31	19.54	51.11	33.62	7.43	8.01	4.8	2.06	98.8
368	8/11/2009 10:46	19.47	51.09	33.61	7.36	8.00	6.2	2.11	97.7
369	8/11/2009 11:01	19.42	51.10	33.62	7.36	8.00	6.0	2.19	97.7
370	8/11/2009 11:16	19.50	51.09	33.61	7.36	8.00	6.5	2.26	97.8
371	8/11/2009 11:31	19.39	51.08	33.60	7.45	7.99	5.4	2.33	98.7
372	8/11/2009 11:46	19.34	51.07	33.60	7.47	7.99	5.9	2.39	98.9
373	8/11/2009 12:01	19.20	51.05	33.58	7.52	7.99	4.9	2.47	99.4
374	8/11/2009 12:16	18.97	51.00	33.55	7.55	7.98	5.6	2.55	99.3
375	8/11/2009 12:31	18.80	50.96	33.51	7.71	7.99	6.3	2.62	101.1
376	8/11/2009 12:46	18.66	50.93	33.49	7.94	7.99	6.2	2.70	103.8
377	8/11/2009 13:01	18.63	50.88	33.46	8.11	8.00	7.0	2.77	105.9
378	8/11/2009 13:16	18.42	50.93	33.49	8.25	8.02	6.7	2.85	107.3
379	8/11/2009 13:31	18.28	50.89	33.46	8.36	8.02	8.0	2.93	108.4
380	8/11/2009 13:46	17.91	50.81	33.40	8.50	7.99	8.2	3.01	109.5
381	8/11/2009 14:01	17.67	50.77	33.37	8.63	7.99	8.6	3.08	110.6
382	8/11/2009 14:16	17.22	50.76	33.36	8.87	8.03	9.0	3.16	112.8
383	8/11/2009 14:31	17.02	50.70	33.31	9.02	8.04	8.8	3.24	114.1
384	8/11/2009 14:46	16.63	50.68	33.29	9.22	8.04	7.4	3.32	115.8
385	8/11/2009 15:01	16.17	50.65	33.26	9.36	8.04	6.7	3.38	116.4
386	8/11/2009 15:16	15.82	50.68	33.28	9.39	8.04	5.2	3.44	116.1
387	8/11/2009 15:31	15.54	50.65	33.25	9.40	8.04	4.8	3.49	115.6
388	8/11/2009 15:46	15.37	50.58	33.20	9.39	8.04	4.0	3.53	115.0
389	8/11/2009 16:01	15.21	50.57	33.19	9.40	8.04	2.4	3.55	114.8
390	8/11/2009 16:16	15.71	50.63	33.24	9.38	7.99	3.4	3.56	115.7
391	8/11/2009 16:31	15.35	50.64	33.24	9.32	8.04	3.2	3.55	114.1
392	8/11/2009 16:46	15.30	50.68	33.27	9.34	8.04	4.0	3.52	114.2
393	8/11/2009 17:01	15.47	50.64	33.24	9.20	8.04	4.3	3.47	112.9
394	8/11/2009 17:16	16.57	50.69	33.30	9.27	8.06	5.4	3.40	116.3
395	8/11/2009 17:31	17.00	50.63	33.26	9.39	8.07	7.3	3.33	118.7
396	8/11/2009 17:46	17.84	50.74	33.34	9.51	8.09	9.7	3.25	122.3
397	8/11/2009 18:01	18.34	50.81	33.40	9.54	8.10	11.2	3.16	123.9
398	8/11/2009 18:16	18.31	50.81	33.40	9.52	8.09	8.8	3.06	123.5
399	8/11/2009 18:31	18.58	51.03	33.56	9.53	8.07	8.8	2.97	124.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
400	8/11/2009 18:46	18.91	50.91	33.48	9.54	8.08	7.8	2.90	125.3
401	8/11/2009 19:01	19.22	50.96	33.52	9.60	8.11	7.7	2.79	126.8
402	8/11/2009 19:16	19.44	50.98	33.53	9.58	8.11	8.5	2.69	127.0
403	8/11/2009 19:31	19.47	50.98	33.53	9.67	8.10	7.5	2.62	128.3
404	8/11/2009 19:46	19.38	50.96	33.52	9.58	8.10	7.0	2.53	126.9
405	8/11/2009 20:01	19.25	50.98	33.53	9.53	8.10	6.7	2.43	126.0
406	8/11/2009 20:16	19.12	50.97	33.53	9.44	8.09	7.1	2.33	124.4
407	8/11/2009 20:31	19.15	50.93	33.50	9.33	8.09	6.2	2.25	123.1
408	8/11/2009 20:46	19.19	50.97	33.52	9.20	8.08	6.0	2.15	121.4
409	8/11/2009 21:01	19.40	50.96	33.52	9.01	8.08	5.8	2.07	119.5
410	8/11/2009 21:16	19.63	50.98	33.53	8.92	8.08	5.8	1.99	118.8
411	8/11/2009 21:31	19.64	51.00	33.54	8.82	8.08	5.4	1.92	117.5
412	8/11/2009 21:46	19.94	51.15	33.65	8.76	8.08	4.9	1.89	117.3
413	8/11/2009 22:01	20.14	51.08	33.60	8.69	8.08	4.2	1.84	116.8
414	8/11/2009 22:16	20.35	51.08	33.60	8.65	8.08	4.2	1.81	116.7
415	8/11/2009 22:31	20.53	51.13	33.64	8.56	8.08	3.8	1.82	115.9
416	8/11/2009 22:46	20.39	51.21	33.70	8.40	8.07	3.9	1.82	113.5
417	8/11/2009 23:01	20.58	51.15	33.65	8.70	8.09	3.5	1.85	117.9
418	8/11/2009 23:16	20.49	51.16	33.66	8.64	8.08	4.6	1.88	117.0
419	8/11/2009 23:31	20.48	51.13	33.63	8.74	8.08	4.4	1.93	118.3
420	8/11/2009 23:46	20.48	51.14	33.64	8.72	8.08	5.8	1.99	118.0
421	8/12/2009 0:01	20.42	51.09	33.61	8.66	8.07	7.0	2.04	117.0
422	8/12/2009 0:16	20.89	51.13	33.63	8.17	8.04	7.3	2.10	111.4
423	8/12/2009 0:31	20.87	51.09	33.60	8.13	8.03	7.9	2.17	110.7
424	8/12/2009 0:46	20.80	51.15	33.65	8.14	8.03	7.6	2.22	110.7
425	8/12/2009 1:01	20.54	51.11	33.62	8.32	8.04	6.5	2.27	112.6
426	8/12/2009 1:16	20.30	51.07	33.59	8.45	8.04	5.7	2.35	114.0
427	8/12/2009 1:31	20.20	51.03	33.56	8.49	8.04	5.8	2.39	114.2
428	8/12/2009 1:46	20.11	50.99	33.54	8.48	8.04	6.3	2.44	113.9
429	8/12/2009 2:01	19.92	50.97	33.52	8.41	8.03	6.4	2.50	112.5
430	8/12/2009 2:16	19.63	50.93	33.49	8.37	8.02	5.7	2.56	111.4
431	8/12/2009 2:31	19.36	50.91	33.48	8.28	8.01	5.6	2.62	109.7
432	8/12/2009 2:46	19.30	50.95	33.51	8.23	7.99	5.1	2.66	108.9
433	8/12/2009 3:01	19.10	50.90	33.47	8.28	7.99	4.5	2.71	109.1
434	8/12/2009 3:16	18.95	50.91	33.47	8.32	7.99	5.1	2.77	109.4
435	8/12/2009 3:31	18.92	50.88	33.46	8.29	8.01	5.5	2.81	108.9
436	8/12/2009 3:46	18.74	50.80	33.40	8.34	7.98	4.4	2.85	109.0
437	8/12/2009 4:01	18.53	50.87	33.45	8.35	7.98	4.2	2.89	108.9
438	8/12/2009 4:16	18.38	50.80	33.39	8.37	7.98	4.0	2.92	108.8
439	8/12/2009 4:31	18.28	50.79	33.39	8.30	7.98	3.4	2.93	107.7
440	8/12/2009 4:46	18.26	50.81	33.40	8.06	7.97	2.9	2.96	104.5
441	8/12/2009 5:01	18.15	50.79	33.39	7.81	7.98	2.8	2.97	101.1
442	8/12/2009 5:16	18.19	50.81	33.40	8.07	7.99	3.4	2.95	104.5
443	8/12/2009 5:31	18.15	50.80	33.39	8.10	8.00	3.5	2.94	104.9
444	8/12/2009 5:46	18.18	50.78	33.38	8.12	8.00	4.3	2.89	105.1
445	8/12/2009 6:01	18.42	50.79	33.39	8.06	8.00	4.9	2.85	104.8
446	8/12/2009 6:16	18.67	50.80	33.40	7.96	8.00	5.4	2.80	104.0
447	8/12/2009 6:31	19.01	50.97	33.52	7.18	7.93	9.2	2.73	94.4
448	8/12/2009 6:46	18.96	51.07	33.59	6.93	7.92	8.7	2.66	91.1
449	8/12/2009 7:01	18.94	51.01	33.55	7.09	7.94	7.0	2.61	93.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
450	8/12/2009 7:16	18.97	51.01	33.55	7.27	7.95	6.5	2.53	95.6
451	8/12/2009 7:31	19.09	51.02	33.56	7.34	7.96	6.0	2.47	96.7
452	8/12/2009 7:46	19.18	51.00	33.55	7.28	7.96	5.5	2.40	96.1
453	8/12/2009 8:01	19.37	51.00	33.54	7.30	7.96	5.2	2.35	96.7
454	8/12/2009 8:16	19.38	51.09	33.61	7.35	7.97	4.8	2.30	97.5
455	8/12/2009 8:31	19.52	51.05	33.58	7.37	7.97	4.6	2.23	98.0
456	8/12/2009 8:46	19.66	51.04	33.57	7.42	7.97	4.4	2.19	98.8
457	8/12/2009 9:01	19.81	51.61	33.99	7.33	7.97	4.2	2.16	98.2
458	8/12/2009 9:16	19.98	51.08	33.60	7.40	7.98	4.2	2.14	99.2
459	8/12/2009 9:31	20.03	51.09	33.61	7.36	7.98	4.0	2.12	98.8
460	8/12/2009 9:46	20.12	51.11	33.62	7.31	7.98	2.8	2.11	98.2
461	8/12/2009 10:01	20.08	51.08	33.60	7.21	7.98	3.7	2.12	96.9
462	8/12/2009 10:16	20.11	51.08	33.60	7.41	7.98	3.7	2.14	99.6
463	8/12/2009 10:31	20.03	51.09	33.61	7.36	7.98	4.2	2.16	98.8
464	8/12/2009 10:46	19.96	51.29	33.75	7.34	7.97	4.9	2.18	98.5
465	8/12/2009 11:01	19.91	51.10	33.61	7.34	7.97	5.5	2.23	98.2
466	8/12/2009 11:16	19.86	51.06	33.58	7.27	7.97	6.8	2.29	97.2
467	8/12/2009 11:31	19.82	51.02	33.56	7.33	7.97	6.2	2.33	97.9
468	8/12/2009 11:46	19.86	51.04	33.57	7.41	7.97	5.9	2.39	99.1
469	8/12/2009 12:01	19.76	51.04	33.57	7.51	7.97	5.7	2.46	100.3
470	8/12/2009 12:16	19.65	50.98	33.53	7.48	7.97	5.4	2.52	99.6
471	8/12/2009 12:31	19.50	50.98	33.53	7.63	7.95	5.2	2.59	101.3
472	8/12/2009 12:46	19.26	50.92	33.49	7.79	7.95	5.1	2.64	102.9
473	8/12/2009 13:01	19.05	50.93	33.49	7.88	7.95	5.7	2.71	103.8
474	8/12/2009 13:16	18.87	50.88	33.45	8.08	7.96	6.0	2.79	106.1
475	8/12/2009 13:31	18.66	50.80	33.40	8.27	8.00	6.4	2.85	108.1
476	8/12/2009 13:46	18.47	50.80	33.39	8.30	8.00	6.3	2.92	108.0
477	8/12/2009 14:01	18.22	50.76	33.37	8.36	8.00	7.9	2.99	108.3
478	8/12/2009 14:16	17.82	50.75	33.35	8.47	8.00	7.3	3.07	108.9
479	8/12/2009 14:31	17.78	50.73	33.34	8.66	8.00	6.2	3.14	111.2
480	8/12/2009 14:46	17.48	50.70	33.32	8.82	8.01	7.3	3.22	112.6
481	8/12/2009 15:01	17.00	50.63	33.26	8.96	7.96	6.7	3.29	113.3
482	8/12/2009 15:16	16.69	50.91	33.46	8.97	8.00	6.5	3.36	112.9
483	8/12/2009 15:31	16.47	50.64	33.26	9.05	8.00	4.7	3.43	113.3
484	8/12/2009 15:46	16.21	50.56	33.20	9.05	8.00	4.6	3.49	112.7
485	8/12/2009 16:01	15.77	51.07	33.56	9.07	7.97	4.2	3.54	112.2
486	8/12/2009 16:16	15.50	50.68	33.27	9.09	7.99	3.9	3.58	111.6
487	8/12/2009 16:31	15.21	50.65	33.24	9.00	7.98	2.6	3.61	109.9
488	8/12/2009 16:46	15.14	50.63	33.23	8.76	7.97	2.0	3.62	106.8
489	8/12/2009 17:01	15.38	50.66	33.26	8.97	7.98	3.4	3.61	109.9
490	8/12/2009 17:16	15.32	50.63	33.23	8.87	7.97	5.4	3.60	108.6
491	8/12/2009 17:31	15.41	50.97	33.49	8.81	7.95	2.3	3.56	108.2
492	8/12/2009 17:46	16.57	50.74	33.33	8.90	8.01	5.6	3.50	111.7
493	8/12/2009 18:01	16.96	50.67	33.29	9.08	8.03	6.0	3.44	114.8
494	8/12/2009 18:16	17.85	50.67	33.30	9.21	8.05	6.2	3.36	118.5
495	8/12/2009 18:31	18.70	50.83	33.42	9.50	8.05	9.8	3.27	124.2
496	8/12/2009 18:46	19.03	50.77	33.38	9.53	8.09	8.1	3.19	125.3
497	8/12/2009 19:01	18.85	50.80	33.39	9.50	8.05	7.0	3.10	124.5
498	8/12/2009 19:16	18.98	50.74	33.35	9.45	8.09	7.6	3.02	124.2
499	8/12/2009 19:31	19.34	50.81	33.41	9.50	8.09	6.5	2.92	125.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
500	8/12/2009 19:46	19.53	50.84	33.43	9.50	8.09	8.5	2.83	126.2
501	8/12/2009 20:01	19.69	50.87	33.45	9.46	8.09	6.9	2.75	126.0
502	8/12/2009 20:16	19.66	50.89	33.46	9.61	8.10	6.7	2.66	127.9
503	8/12/2009 20:31	19.61	50.84	33.43	9.45	8.09	6.7	2.56	125.7
504	8/12/2009 20:46	19.70	50.92	33.48	9.27	8.05	6.8	2.47	123.5
505	8/12/2009 21:01	19.84	50.95	33.51	9.21	8.08	6.5	2.38	123.1
506	8/12/2009 21:16	19.88	51.00	33.54	9.14	8.05	6.8	2.28	122.3
507	8/12/2009 21:31	19.80	50.98	33.53	9.01	8.07	6.5	2.19	120.4
508	8/12/2009 21:46	19.97	51.31	33.77	8.86	8.07	6.3	2.11	118.8
509	8/12/2009 22:01	20.22	51.03	33.56	8.72	8.07	5.7	2.01	117.3
510	8/12/2009 22:16	20.34	51.35	33.80	8.66	8.07	5.2	1.95	116.9
511	8/12/2009 22:31	20.66	51.39	33.83	8.62	8.07	5.0	1.89	117.1
512	8/12/2009 22:46	20.98	51.10	33.61	8.66	8.07	4.7	1.83	118.2
513	8/12/2009 23:01	21.06	51.08	33.59	8.59	8.07	4.3	1.80	117.4
514	8/12/2009 23:16	21.08	51.10	33.61	8.50	8.06	3.7	1.78	116.3
515	8/12/2009 23:31	21.22	51.12	33.62	8.54	8.07	3.7	1.76	117.0
516	8/12/2009 23:46	21.21	51.11	33.61	8.42	8.07	3.7	1.79	115.4
517	8/13/2009 0:01	21.30	51.18	33.66	8.68	8.08	3.4	1.80	119.2
518	8/13/2009 0:16	21.26	51.18	33.67	8.57	8.07	3.8	1.82	117.5
519	8/13/2009 0:31	21.13	51.13	33.63	8.60	8.07	3.7	1.87	117.8
520	8/13/2009 0:46	21.11	51.16	33.65	8.65	8.07	4.2	1.91	118.3
521	8/13/2009 1:01	21.07	51.10	33.61	8.62	8.06	4.4	1.96	117.8
522	8/13/2009 1:16	21.21	51.02	33.55	8.41	8.05	5.7	2.01	115.3
523	8/13/2009 1:31	21.34	51.14	33.64	8.21	8.04	6.4	2.06	112.8
524	8/13/2009 1:46	21.30	51.03	33.55	8.27	8.03	6.4	2.11	113.6
525	8/13/2009 2:01	21.23	51.12	33.62	8.16	8.03	7.6	2.17	112.0
526	8/13/2009 2:16	21.20	51.12	33.62	8.22	8.03	7.0	2.21	112.7
527	8/13/2009 2:31	21.01	51.05	33.57	8.34	8.04	5.7	2.28	113.9
528	8/13/2009 2:46	20.89	51.00	33.53	8.36	8.04	6.0	2.34	113.9
529	8/13/2009 3:01	20.63	50.98	33.53	8.38	8.03	5.8	2.38	113.6
530	8/13/2009 3:16	20.47	50.92	33.48	8.29	8.02	6.2	2.44	112.1
531	8/13/2009 3:31	20.23	50.97	33.52	8.19	8.01	6.5	2.51	110.2
532	8/13/2009 3:46	20.10	50.92	33.49	8.15	7.98	5.4	2.55	109.4
533	8/13/2009 4:01	19.80	50.89	33.46	8.10	8.00	5.5	2.60	108.2
534	8/13/2009 4:16	19.58	50.87	33.45	8.15	7.96	4.6	2.66	108.3
535	8/13/2009 4:31	19.50	50.88	33.45	8.13	8.00	4.5	2.69	107.9
536	8/13/2009 4:46	19.41	50.87	33.44	8.11	8.00	4.1	2.73	107.5
537	8/13/2009 5:01	19.35	50.92	33.49	8.12	7.96	4.0	2.77	107.5
538	8/13/2009 5:16	19.27	50.84	33.43	8.12	8.00	4.3	2.80	107.3
539	8/13/2009 5:31	19.17	50.83	33.42	8.07	7.99	3.7	2.82	106.4
540	8/13/2009 5:46	18.97	50.84	33.43	7.96	7.99	3.4	2.83	104.6
541	8/13/2009 6:01	18.88	50.85	33.43	7.75	7.98	2.9	2.85	101.7
542	8/13/2009 6:16	19.11	50.82	33.41	7.89	7.98	4.1	2.85	104.0
543	8/13/2009 6:31	18.89	50.87	33.45	7.80	7.98	3.8	2.84	102.4
544	8/13/2009 6:46	18.84	50.80	33.40	7.85	7.98	3.9	2.81	102.9
545	8/13/2009 7:01	18.96	50.83	33.42	7.85	7.94	4.4	2.79	103.2
546	8/13/2009 7:16	19.13	51.07	33.60	7.82	7.98	5.2	2.75	103.1
547	8/13/2009 7:31	19.44	50.93	33.50	7.60	7.94	6.7	2.70	100.8
548	8/13/2009 7:46	19.60	51.01	33.55	6.94	7.93	8.2	2.65	92.3
549	8/13/2009 8:01	19.52	51.05	33.58	6.96	7.92	7.9	2.59	92.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
550	8/13/2009 8:16	19.59	51.02	33.56	7.03	7.89	7.0	2.55	93.5
551	8/13/2009 8:31	19.72	51.01	33.55	7.15	7.90	6.2	2.49	95.4
552	8/13/2009 8:46	19.79	51.05	33.58	7.27	7.95	5.6	2.43	97.1
553	8/13/2009 9:01	20.04	51.04	33.57	7.36	7.96	5.4	2.41	98.8
554	8/13/2009 9:16	20.21	51.08	33.60	7.42	7.97	5.4	2.36	99.9
555	8/13/2009 9:31	20.33	51.05	33.58	7.45	7.97	5.3	2.31	100.5
556	8/13/2009 9:46	20.48	51.12	33.63	7.42	7.95	5.0	2.30	100.3
557	8/13/2009 10:01	20.63	51.06	33.58	7.48	7.98	4.6	2.29	101.4
558	8/13/2009 10:16	20.66	51.12	33.62	7.38	7.98	3.8	2.28	100.1
559	8/13/2009 10:31	20.68	51.07	33.59	7.24	7.98	3.6	2.27	98.2
560	8/13/2009 10:46	20.65	51.10	33.62	7.51	7.98	3.9	2.29	101.9
561	8/13/2009 11:01	20.44	51.07	33.59	7.35	7.97	4.4	2.30	99.3
562	8/13/2009 11:16	20.46	51.08	33.60	7.41	7.97	4.4	2.33	100.2
563	8/13/2009 11:31	20.41	51.08	33.60	7.32	7.97	4.5	2.35	98.8
564	8/13/2009 11:46	20.31	51.05	33.58	7.37	7.97	4.9	2.40	99.4
565	8/13/2009 12:01	20.24	51.01	33.55	7.44	7.97	6.3	2.44	100.2
566	8/13/2009 12:16	20.08	50.98	33.53	7.50	7.97	5.8	2.47	100.7
567	8/13/2009 12:31	20.05	50.99	33.53	7.63	7.97	5.4	2.52	102.3
568	8/13/2009 12:46	19.95	50.99	33.54	7.72	7.98	5.1	2.57	103.4
569	8/13/2009 13:01	19.83	50.96	33.52	7.70	7.97	4.8	2.63	102.9
570	8/13/2009 13:16	19.76	50.94	33.50	7.72	7.98	4.8	2.67	103.0
571	8/13/2009 13:31	19.61	50.93	33.49	7.82	7.98	4.6	2.74	104.0
572	8/13/2009 13:46	19.41	50.88	33.45	7.90	7.98	5.2	2.80	104.6
573	8/13/2009 14:01	19.02	50.85	33.44	8.03	7.98	5.0	2.85	105.7
574	8/13/2009 14:16	18.68	50.80	33.39	8.15	7.98	4.8	2.92	106.5
575	8/13/2009 14:31	18.07	50.73	33.34	8.29	7.97	4.8	2.99	107.0
576	8/13/2009 14:46	17.76	50.71	33.33	8.35	7.97	5.1	3.06	107.2
577	8/13/2009 15:01	17.54	50.66	33.29	8.36	7.97	5.3	3.12	106.9
578	8/13/2009 15:16	17.31	50.63	33.26	8.45	7.97	4.7	3.20	107.5
579	8/13/2009 15:31	17.22	50.68	33.30	8.53	7.93	5.1	3.27	108.3
580	8/13/2009 15:46	17.05	50.65	33.27	8.75	7.99	5.9	3.33	110.8
581	8/13/2009 16:01	16.77	50.67	33.29	9.02	7.95	4.9	3.39	113.5
582	8/13/2009 16:16	16.45	50.62	33.25	9.27	8.00	4.3	3.46	116.0
583	8/13/2009 16:31	16.26	50.61	33.23	9.43	8.01	3.9	3.51	117.5
584	8/13/2009 16:46	15.97	50.64	33.25	9.60	8.02	3.4	3.55	118.9
585	8/13/2009 17:01	15.81	50.59	33.21	9.82	8.03	3.1	3.60	121.3
586	8/13/2009 17:16	15.74	50.61	33.22	9.86	8.03	2.6	3.63	121.6
587	8/13/2009 17:31	15.72	50.60	33.22	9.63	8.02	1.8	3.64	118.8
588	8/13/2009 17:46	15.71	51.12	33.60	9.73	8.02	3.5	3.63	120.2
589	8/13/2009 18:01	15.82	50.58	33.21	9.74	8.02	3.2	3.62	120.3
590	8/13/2009 18:16	15.98	50.64	33.25	9.57	8.02	4.7	3.59	118.6
591	8/13/2009 18:31	16.82	50.83	33.40	9.19	8.03	5.9	3.53	116.0
592	8/13/2009 18:46	17.40	51.32	33.77	8.91	7.83	8.0	3.47	114.0
593	8/13/2009 19:01	17.56	50.70	33.32	8.86	8.03	8.4	3.41	113.3
594	8/13/2009 19:16	18.30	50.75	33.36	8.72	8.01	9.9	3.32	113.1
595	8/13/2009 19:31	18.42	50.86	33.44	8.73	8.01	10.0	3.24	113.6
596	8/13/2009 19:46	18.75	50.82	33.41	8.64	8.01	11.6	3.15	113.0
597	8/13/2009 20:01	18.98	50.89	33.46	8.60	8.02	11.0	3.08	113.1
598	8/13/2009 20:16	19.25	50.84	33.42	8.52	8.06	10.3	2.99	112.6
599	8/13/2009 20:31	19.58	50.91	33.48	8.52	8.03	10.8	2.89	113.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
600	8/13/2009 20:46	19.80	51.44	33.87	8.31	8.05	11.6	2.81	111.3
601	8/13/2009 21:01	19.39	50.88	33.46	8.24	8.05	11.5	2.72	109.2
602	8/13/2009 21:16	18.60	50.84	33.43	8.31	8.03	9.3	2.63	108.5
603	8/13/2009 21:31	18.79	50.93	33.49	8.30	8.04	9.3	2.52	108.8
604	8/13/2009 21:46	19.04	51.24	33.72	8.18	8.04	9.3	2.43	107.8
605	8/13/2009 22:01	19.25	51.00	33.54	8.12	8.05	11.0	2.34	107.3
606	8/13/2009 22:16	19.36	50.90	33.47	7.99	8.04	9.9	2.23	105.8
607	8/13/2009 22:31	19.26	50.89	33.46	7.88	8.03	9.9	2.13	104.1
608	8/13/2009 22:46	19.69	51.09	33.61	7.77	8.04	9.8	2.04	103.6
609	8/13/2009 23:01	19.84	51.08	33.60	7.75	8.01	9.0	1.94	103.6
610	8/13/2009 23:16	20.07	51.15	33.65	7.64	8.04	8.5	1.87	102.6
611	8/13/2009 23:31	20.41	51.14	33.64	7.61	8.05	8.5	1.79	102.9
612	8/13/2009 23:46	20.62	51.21	33.69	7.58	8.06	8.1	1.74	102.8
613	8/14/2009 0:01	20.76	51.21	33.69	7.52	8.03	7.9	1.71	102.2
614	8/14/2009 0:16	20.84	51.17	33.66	7.46	8.06	8.1	1.66	101.5
615	8/14/2009 0:31	20.97	51.17	33.66	7.40	8.06	7.1	1.65	101.1
616	8/14/2009 0:46	20.97	51.20	33.68	7.27	8.06	6.4	1.66	99.3
617	8/14/2009 1:01	20.92	51.25	33.72	7.39	8.06	6.8	1.68	100.8
618	8/14/2009 1:16	20.91	51.25	33.72	7.45	8.06	6.7	1.69	101.6
619	8/14/2009 1:31	20.81	51.23	33.71	7.46	8.02	6.4	1.73	101.5
620	8/14/2009 1:46	20.89	51.19	33.67	7.54	8.03	7.3	1.77	102.7
621	8/14/2009 2:01	20.88	51.23	33.71	7.53	8.03	6.8	1.81	102.7
622	8/14/2009 2:16	20.84	51.22	33.70	7.48	8.03	7.3	1.86	101.9
623	8/14/2009 2:31	20.81	51.20	33.68	7.48	8.02	7.9	1.92	101.8
624	8/14/2009 2:46	20.96	51.32	33.77	7.33	8.01	8.2	1.96	100.1
625	8/14/2009 3:01	21.08	51.34	33.79	7.20	8.05	9.3	2.02	98.5
626	8/14/2009 3:16	21.10	51.29	33.75	7.12	7.99	10.1	2.07	97.4
627	8/14/2009 3:31	20.87	51.27	33.73	7.30	8.03	9.0	2.13	99.6
628	8/14/2009 3:46	20.75	51.37	33.81	7.32	8.03	8.1	2.20	99.7
629	8/14/2009 4:01	20.70	51.38	33.82	7.27	8.03	8.3	2.25	98.8
630	8/14/2009 4:16	20.66	51.17	33.67	7.29	8.03	8.5	2.31	99.0
631	8/14/2009 4:31	20.62	51.22	33.70	7.24	8.01	8.6	2.36	98.3
632	8/14/2009 4:46	20.36	51.10	33.61	7.42	8.02	8.4	2.43	100.2
633	8/14/2009 5:01	19.86	50.98	33.53	7.61	8.01	6.8	2.48	101.7
634	8/14/2009 5:16	19.66	51.00	33.54	7.66	7.96	6.0	2.53	102.0
635	8/14/2009 5:31	19.59	51.03	33.57	7.63	8.00	5.6	2.57	101.5
636	8/14/2009 5:46	19.53	51.00	33.54	7.62	8.00	5.7	2.61	101.3
637	8/14/2009 6:01	19.49	51.36	33.81	7.62	7.99	5.4	2.65	101.4
638	8/14/2009 6:16	19.45	50.92	33.48	7.61	8.00	5.3	2.68	100.9
639	8/14/2009 6:31	19.38	50.93	33.49	7.65	8.00	4.8	2.71	101.4
640	8/14/2009 6:46	19.33	50.97	33.52	7.63	8.00	4.8	2.75	101.0
641	8/14/2009 7:01	19.31	50.95	33.51	7.52	8.00	5.0	2.77	99.5
642	8/14/2009 7:16	19.17	50.93	33.49	7.40	7.99	4.6	2.79	97.6
643	8/14/2009 7:31	19.46	50.95	33.51	6.97	7.99	5.6	2.80	92.5
644	8/14/2009 7:46	19.35	51.02	33.56	7.29	7.99	5.9	2.80	96.5
645	8/14/2009 8:01	19.19	50.95	33.50	7.32	7.98	5.4	2.80	96.6
646	8/14/2009 8:16	19.13	50.93	33.49	7.38	7.98	6.3	2.77	97.3
647	8/14/2009 8:31	19.19	50.90	33.47	7.33	7.94	5.4	2.76	96.8
648	8/14/2009 8:46	19.37	50.96	33.52	7.22	7.99	6.5	2.73	95.6
649	8/14/2009 9:01	19.46	50.97	33.52	7.33	7.99	6.6	2.69	97.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
650	8/14/2009 9:16	19.48	51.69	34.05	7.34	7.99	6.3	2.64	97.8
651	8/14/2009 9:31	19.59	51.03	33.57	7.31	8.00	7.1	2.61	97.2
652	8/14/2009 9:46	19.67	51.03	33.57	7.21	7.99	7.1	2.57	96.0
653	8/14/2009 10:01	19.71	51.03	33.57	7.23	7.98	6.4	2.53	96.5
654	8/14/2009 10:16	19.83	51.36	33.80	7.23	7.98	6.2	2.50	96.8
655	8/14/2009 10:31	19.89	51.07	33.60	7.22	7.99	5.8	2.47	96.6
656	8/14/2009 10:46	20.04	51.08	33.60	7.30	8.00	6.0	2.45	97.9
657	8/14/2009 11:01	20.11	51.25	33.73	7.24	8.00	5.9	2.42	97.4
658	8/14/2009 11:16	20.16	51.09	33.61	7.25	8.00	5.4	2.41	97.5
659	8/14/2009 11:31	20.21	51.11	33.62	7.14	8.00	5.4	2.41	96.1
660	8/14/2009 11:46	20.20	51.14	33.65	7.41	7.97	5.4	2.42	99.8
661	8/14/2009 12:01	20.10	51.55	33.95	7.32	8.00	5.2	2.41	98.5
662	8/14/2009 12:16	20.05	51.04	33.57	7.24	7.99	5.4	2.43	97.1
663	8/14/2009 12:31	19.97	51.07	33.60	7.25	8.00	5.6	2.46	97.2
664	8/14/2009 12:46	19.89	51.05	33.58	7.40	7.96	4.9	2.49	99.0
665	8/14/2009 13:01	19.82	51.00	33.54	7.52	8.01	5.3	2.52	100.5
666	8/14/2009 13:16	19.76	50.99	33.53	7.50	8.00	5.1	2.57	100.1
667	8/14/2009 13:31	19.65	51.01	33.55	7.45	8.00	5.1	2.62	99.2
668	8/14/2009 13:46	19.55	50.99	33.54	7.58	8.00	4.6	2.67	100.8
669	8/14/2009 14:01	19.45	50.98	33.53	7.54	8.00	4.8	2.71	100.0
670	8/14/2009 14:16	19.19	50.91	33.48	7.58	7.99	5.1	2.77	100.0
671	8/14/2009 14:31	18.84	51.13	33.64	7.70	7.98	5.7	2.83	101.1
672	8/14/2009 14:46	18.57	50.81	33.40	7.86	7.99	5.2	2.88	102.5
673	8/14/2009 15:01	18.42	50.76	33.37	7.98	7.99	5.0	2.94	103.8
674	8/14/2009 15:16	18.17	50.77	33.37	8.17	8.00	4.6	3.00	105.8
675	8/14/2009 15:31	17.73	50.72	33.33	8.37	8.00	5.1	3.07	107.3
676	8/14/2009 15:46	17.29	50.71	33.32	8.61	8.00	4.9	3.13	109.6
677	8/14/2009 16:01	17.07	50.70	33.31	8.70	8.00	4.5	3.19	110.2
678	8/14/2009 16:16	16.78	50.70	33.30	8.79	8.00	4.4	3.26	110.7
679	8/14/2009 16:31	16.51	50.70	33.30	8.90	8.00	4.5	3.32	111.5
680	8/14/2009 16:46	16.31	50.65	33.27	9.05	8.01	4.2	3.38	113.0
681	8/14/2009 17:01	16.07	50.65	33.26	9.19	8.01	4.0	3.43	114.1
682	8/14/2009 17:16	15.77	51.01	33.52	9.28	8.01	3.4	3.49	114.7
683	8/14/2009 17:31	15.58	50.59	33.21	9.51	8.02	3.6	3.54	117.0
684	8/14/2009 17:46	15.48	50.60	33.21	9.70	8.01	2.9	3.56	119.0
685	8/14/2009 18:01	15.43	50.62	33.23	9.64	8.04	2.3	3.60	118.2
686	8/14/2009 18:16	15.30	50.61	33.21	9.71	8.05	1.6	3.62	118.8
687	8/14/2009 18:31	15.50	50.54	33.17	9.51	8.04	2.0	3.63	116.8
688	8/14/2009 18:46	15.47	50.59	33.20	9.45	8.01	4.3	3.61	115.9
689	8/14/2009 19:01	15.47	51.07	33.56	9.44	8.04	2.8	3.60	116.1
690	8/14/2009 19:16	15.76	51.12	33.60	9.17	8.04	3.5	3.56	113.4
691	8/14/2009 19:31	16.08	50.61	33.23	9.23	8.05	3.9	3.51	114.6
692	8/14/2009 19:46	16.76	50.64	33.26	9.09	8.03	6.1	3.45	114.5
693	8/14/2009 20:01	17.23	51.16	33.65	8.85	8.05	7.3	3.39	112.7
694	8/14/2009 20:16	17.96	51.11	33.62	8.52	8.06	9.6	3.31	110.0
695	8/14/2009 20:31	17.69	51.01	33.54	8.38	8.05	9.5	3.24	107.6
696	8/14/2009 20:46	17.70	51.38	33.82	8.40	8.05	9.8	3.15	108.0
697	8/14/2009 21:01	17.59	50.76	33.36	8.39	8.05	10.0	3.05	107.4
698	8/14/2009 21:16	17.50	51.26	33.73	8.34	8.05	9.3	2.98	106.8
699	8/14/2009 21:31	17.90	51.32	33.78	8.22	8.04	9.2	2.89	106.0

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
700	8/14/2009 21:46	17.64	50.97	33.52	8.24	8.04	8.5	2.80	105.6
701	8/14/2009 22:01	17.92	50.85	33.43	8.07	8.05	9.6	2.70	104.0
702	8/14/2009 22:16	18.68	50.75	33.36	7.85	8.00	10.1	2.60	102.5
703	8/14/2009 22:31	18.22	51.05	33.58	7.86	8.00	10.6	2.51	101.9
704	8/14/2009 22:46	18.60	51.49	33.90	7.69	8.04	11.0	2.40	100.6
705	8/14/2009 23:01	18.64	51.15	33.65	7.61	8.04	10.7	2.30	99.5
706	8/14/2009 23:16	18.53	50.86	33.44	7.53	8.04	11.7	2.20	98.2
707	8/14/2009 23:31	18.73	50.95	33.51	7.41	8.03	12.0	2.10	96.9
708	8/14/2009 23:46	18.82	50.99	33.54	7.29	7.98	12.4	1.99	95.6
709	8/15/2009 0:01	19.13	51.06	33.59		7.98	13.4	1.88	
710	8/15/2009 0:16	19.20	51.69	34.05		8.02	13.1	1.79	
711	8/15/2009 0:31	19.29	51.10	33.61		8.00	13.2	1.70	
712	8/15/2009 0:46	19.55	51.12	33.63		8.02	13.8	1.62	
713	8/15/2009 1:01	19.70	51.13	33.64		8.02	13.5	1.56	
714	8/15/2009 1:16	19.77	51.15	33.65		8.01	12.8	1.51	
715	8/15/2009 1:31	19.90	51.14	33.65		7.98	12.5	1.48	
716	8/15/2009 1:46	19.96	51.18	33.68		8.02	11.3	1.45	
717	8/15/2009 2:01	19.94	51.16	33.66		8.01	10.6	1.45	
718	8/15/2009 2:16	20.06	51.77	34.11		8.02	11.5	1.48	
719	8/15/2009 2:31	20.17	51.27	33.74		8.04	12.3	1.49	
720	8/15/2009 2:46	20.00	51.24	33.72		8.02	11.3	1.52	
721	8/15/2009 3:01	20.02	51.18	33.68		8.02	11.8	1.58	
722	8/15/2009 3:16	20.10	51.20	33.69		8.03	12.1	1.64	
723	8/15/2009 3:31	20.05	51.22	33.70		7.99	12.0	1.68	
724	8/15/2009 3:46	19.99	51.20	33.69		8.03	11.4	1.74	
725	8/15/2009 4:01	19.95	51.16	33.66		7.98	11.3	1.82	
726	8/15/2009 4:16	19.89	51.18	33.67		8.02	11.4	1.88	
727	8/15/2009 4:31	19.80	51.12	33.63		8.02	10.4	1.93	
728	8/15/2009 4:46	19.70	51.78	34.12		8.00	9.8	2.00	
729	8/15/2009 5:01	19.69	51.11	33.62		8.02	9.8	2.08	
730	8/15/2009 5:16	19.71	51.16	33.66		7.98	9.2	2.13	
731	8/15/2009 5:31	19.71	51.20	33.69		8.02	9.2	2.19	
732	8/15/2009 5:46	19.67	51.10	33.62		8.02	9.3	2.27	
733	8/15/2009 6:01	19.63	51.14	33.65		8.02	9.6	2.33	
734	8/15/2009 6:16	19.60	51.08	33.60		8.02	9.5	2.39	
735	8/15/2009 6:31	19.47	51.10	33.62		8.01	9.2	2.45	
736	8/15/2009 6:46	19.18	51.00	33.55		8.01	8.4	2.50	
737	8/15/2009 7:01	19.04	50.97	33.53		8.00	7.4	2.55	
738	8/15/2009 7:16	19.03	50.96	33.52		8.00	7.1	2.61	
739	8/15/2009 7:31	18.99	50.98	33.53		8.00	7.2	2.65	
740	8/15/2009 7:46	18.87	50.97	33.52		8.01	6.4	2.69	
741	8/15/2009 8:01	18.78	50.93	33.49		8.00	6.2	2.73	
742	8/15/2009 8:16	18.66	50.87	33.45		8.00	6.0	2.76	
743	8/15/2009 8:31	18.60	50.91	33.48		8.00	5.6	2.78	
744	8/15/2009 8:46	18.71	50.93	33.49		8.00	5.9	2.79	
745	8/15/2009 9:01	18.82	50.98	33.53		8.00	5.6	2.80	
746	8/15/2009 9:16	18.62	51.28	33.75		7.99	5.2	2.81	
747	8/15/2009 9:31	18.70	51.47	33.89		7.98	5.5	2.80	
748	8/15/2009 9:46	18.57	51.22	33.71		7.98	5.4	2.79	
749	8/15/2009 10:01	18.55	51.24	33.72		7.98	5.7	2.76	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
750	8/15/2009 10:16	18.66	51.16	33.66		8.00	6.4	2.74	
751	8/15/2009 10:31	18.82	50.97	33.53		8.00	7.0	2.71	
752	8/15/2009 10:46	19.00	51.83	34.16		8.00	7.6	2.66	
753	8/15/2009 11:01	19.21	51.18	33.67		8.16	7.6	2.62	
754	8/15/2009 11:16	19.28	51.07	33.60		8.00	7.4	2.59	
755	8/15/2009 11:31	19.28	51.28	33.75		8.01	6.8	2.56	
756	8/15/2009 11:46	19.32	51.38	33.83		7.99	7.0	2.51	
757	8/15/2009 12:01	19.35	51.06	33.59		8.01	7.0	2.48	
758	8/15/2009 12:16	19.40	51.04	33.58		8.01	6.4	2.47	
759	8/15/2009 12:31	19.47	51.05	33.58		7.97	6.2	2.45	
760	8/15/2009 12:46	19.63	51.06	33.58		8.03	5.7	2.44	
761	8/15/2009 13:01	19.67	51.56	33.95		8.04	7.2	2.44	
762	8/15/2009 13:16	19.56	51.69	34.05		8.02	6.8	2.45	
763	8/15/2009 13:31	19.49	51.05	33.58		8.02	6.2	2.46	
764	8/15/2009 13:46	19.47	51.08	33.60		8.02	6.5	2.48	
765	8/15/2009 14:01	19.43	51.70	34.06		8.00	6.1	2.50	
766	8/15/2009 14:16	19.48	51.00	33.54		8.02	6.7	2.55	
767	8/15/2009 14:31	19.49	51.00	33.54		8.03	7.3	2.59	
768	8/15/2009 14:46	19.31	50.94	33.50		8.02	7.4	2.64	
769	8/15/2009 15:01	19.22	50.95	33.51		7.97	6.5	2.69	
770	8/15/2009 15:16	19.11	50.94	33.50		8.02	5.6	2.75	
771	8/15/2009 15:31	18.91	51.27	33.74		8.00	5.4	2.80	
772	8/15/2009 15:46	18.44	50.83	33.42		8.00	5.9	2.85	
773	8/15/2009 16:01	18.08	50.74	33.35		8.00	5.9	2.91	
774	8/15/2009 16:16	17.65	51.29	33.75		8.00	5.9	2.97	
775	8/15/2009 16:31	17.33	51.05	33.57		8.01	5.7	3.03	
776	8/15/2009 16:46	17.09	50.64	33.26		8.01	5.8	3.09	
777	8/15/2009 17:01	16.93	50.61	33.24		8.02	5.3	3.16	
778	8/15/2009 17:16	16.76	50.62	33.25		8.02	4.8	3.23	
779	8/15/2009 17:31	16.64	51.22	33.68		8.04	5.4	3.29	
780	8/15/2009 17:46	16.45	50.59	33.22		8.03	4.6	3.35	
781	8/15/2009 18:01	16.26	50.59	33.22		8.03	4.9	3.42	
782	8/15/2009 18:16	16.00	51.20	33.67		8.03	5.7	3.47	
783	8/15/2009 18:31	15.80	50.52	33.16		8.03	4.4	3.52	
784	8/15/2009 18:46	15.64	50.51	33.15		8.04	3.8	3.56	
785	8/15/2009 19:01	15.41	51.17	33.63		8.04	4.6	3.60	
786	8/15/2009 19:16	15.29	50.59	33.20		8.05	3.0	3.63	
787	8/15/2009 19:31	15.22	51.02	33.51		8.06	2.1	3.65	
788	8/15/2009 19:46	15.45	51.06	33.55		8.05	3.0	3.65	
789	8/15/2009 20:01	15.38	50.93	33.45		8.04	4.2	3.63	
790	8/15/2009 20:16	15.31	50.53	33.16		8.04	3.2	3.61	
791	8/15/2009 20:31	15.36	50.54	33.16		8.03	3.8	3.57	
792	8/15/2009 20:46	16.30	51.07	33.57		8.04	5.5	3.52	
793	8/15/2009 21:01	16.77	50.70	33.31		8.04	7.2	3.45	
794	8/15/2009 21:16	16.91	50.71	33.32		8.03	8.1	3.37	
795	8/15/2009 21:31	16.76	50.71	33.32		8.03	6.5	3.29	
796	8/15/2009 21:46	17.40	50.70	33.31		8.03	7.6	3.20	
797	8/15/2009 22:01	17.93	51.13	33.64		8.05	10.0	3.11	
798	8/15/2009 22:16	18.21	51.22	33.70		8.05	10.1	3.01	
799	8/15/2009 22:31	18.53	50.92	33.48		8.05	11.2	2.92	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
800	8/15/2009 22:46	18.83	50.93	33.49		8.05	11.7	2.82	
801	8/15/2009 23:01	18.87	50.91	33.48		8.01	11.3	2.72	
802	8/15/2009 23:16	18.79	51.32	33.78		8.04	10.9	2.62	
803	8/15/2009 23:31	18.28	50.90	33.47		8.04	10.3	2.51	
804	8/15/2009 23:46	18.40	50.96	33.51		8.04	11.7	2.39	
805	8/16/2009 0:01	18.64	50.98	33.53		8.01	11.4	2.28	
806	8/16/2009 0:16	18.25	50.90	33.46		8.03	10.7	2.15	
807	8/16/2009 0:31	18.41	50.93	33.49		8.03	11.6	2.04	
808	8/16/2009 0:46	18.60	50.96	33.51		8.02	11.3	1.91	
809	8/16/2009 1:01	18.58	51.06	33.59		8.01	10.6	1.78	
810	8/16/2009 1:16	18.65	51.07	33.59		8.01	10.2	1.68	
811	8/16/2009 1:31	18.92	51.09	33.61		8.01	9.8	1.58	
812	8/16/2009 1:46	19.18	51.17	33.67		8.02	9.6	1.48	
813	8/16/2009 2:01	19.28	51.17	33.67		8.02	8.8	1.39	
814	8/16/2009 2:16	19.44	51.26	33.73		8.03	8.2	1.34	
815	8/16/2009 2:31	19.50	51.22	33.70		8.03	7.8	1.29	
816	8/16/2009 2:46	19.46	51.19	33.68		8.02	6.9	1.26	
817	8/16/2009 3:01	19.38	51.27	33.74		8.02	7.1	1.27	
818	8/16/2009 3:16	19.47	51.23	33.71		7.99	7.4	1.30	
819	8/16/2009 3:31	19.67	51.28	33.75		8.04	7.4	1.32	
820	8/16/2009 3:46	19.59	51.25	33.73		8.04	7.4	1.36	
821	8/16/2009 4:01	19.58	51.24	33.72		8.04	7.3	1.44	
822	8/16/2009 4:16	19.71	51.55	33.95		8.05	7.3	1.49	
823	8/16/2009 4:31	19.67	51.27	33.74		8.05	7.8	1.53	
824	8/16/2009 4:46	19.64	51.25	33.73		8.04	7.7	1.59	
825	8/16/2009 5:01	19.63	51.52	33.93		8.04	7.8	1.66	
826	8/16/2009 5:16	19.81	51.33	33.78		8.02	9.5	1.73	
827	8/16/2009 5:31	19.76	51.30	33.77		8.02	9.9	1.79	
828	8/16/2009 5:46	19.69	51.30	33.76		7.98	9.2	1.87	
829	8/16/2009 6:01	19.64	51.41	33.84		8.02	9.2	1.95	
830	8/16/2009 6:16	19.59	51.23	33.71		8.02	8.7	2.03	
831	8/16/2009 6:31	19.58	51.23	33.71		8.02	9.0	2.11	
832	8/16/2009 6:46	19.55	51.24	33.72		8.02	9.2	2.19	
833	8/16/2009 7:01	19.36	51.14	33.65		8.01	10.2	2.27	
834	8/16/2009 7:16	19.15	51.03	33.57		8.00	9.9	2.35	
835	8/16/2009 7:31	18.94	51.00	33.55		8.00	9.3	2.42	
836	8/16/2009 7:46	18.69	50.98	33.53		7.99	8.5	2.48	
837	8/16/2009 8:01	18.57	50.91	33.48		7.99	7.6	2.56	
838	8/16/2009 8:16	18.43	50.92	33.48		7.99	7.7	2.62	
839	8/16/2009 8:31	18.45	50.84	33.42		7.99	8.2	2.67	
840	8/16/2009 8:46	18.22	50.89	33.46		7.98	7.0	2.72	
841	8/16/2009 9:01	18.15	50.85	33.43		7.99	6.8	2.77	
842	8/16/2009 9:16	17.85	50.82	33.41		7.99	5.9	2.82	
843	8/16/2009 9:31	17.73	50.79	33.38		7.99	5.7	2.85	
844	8/16/2009 9:46	17.68	50.75	33.35		8.00	4.4	2.88	
845	8/16/2009 10:01	17.56	50.75	33.35		8.00	5.2	2.91	
846	8/16/2009 10:16	17.42	50.78	33.37		7.99	3.7	2.92	
847	8/16/2009 10:31	17.53	50.89	33.45		7.97	4.5	2.91	
848	8/16/2009 10:46	17.42	50.69	33.31		7.99	4.5	2.91	
849	8/16/2009 11:01	17.44	50.72	33.33		7.99	5.1	2.88	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
850	8/16/2009 11:16	17.56	50.76	33.36		7.99	5.1	2.86	
851	8/16/2009 11:31	17.73	50.75	33.35		8.00	5.4	2.81	
852	8/16/2009 11:46	18.05	51.23	33.71		8.00	5.7	2.76	
853	8/16/2009 12:01	18.31	50.87	33.44		8.01	5.7	2.72	
854	8/16/2009 12:16	18.45	51.02	33.56		8.01	6.3	2.67	
855	8/16/2009 12:31	18.57	50.92	33.48		8.02	5.4	2.63	
856	8/16/2009 12:46	18.60	50.93	33.49		8.01	5.9	2.57	
857	8/16/2009 13:01	18.71	50.93	33.49		8.01	5.8	2.53	
858	8/16/2009 13:16	18.84	51.43	33.86		8.01	5.3	2.51	
859	8/16/2009 13:31	18.95	51.00	33.54		8.02	5.2	2.47	
860	8/16/2009 13:46	19.15	50.96	33.52		8.03	5.4	2.44	
861	8/16/2009 14:01	19.35	50.99	33.53		8.05	4.0	2.44	
862	8/16/2009 14:16	19.42	50.95	33.51		8.06	5.7	2.43	
863	8/16/2009 14:31	19.43	50.97	33.52		8.05	4.9	2.43	
864	8/16/2009 14:46	19.26	50.98	33.53		8.04	4.7	2.45	
865	8/16/2009 15:01	19.31	51.46	33.88		8.03	4.8	2.47	
866	8/16/2009 15:16	19.22	51.03	33.57		8.03	5.1	2.50	
867	8/16/2009 15:31	19.24	50.93	33.49		8.03	5.2	2.53	
868	8/16/2009 15:46	19.10	50.95	33.51		8.02	5.3	2.58	
869	8/16/2009 16:01	19.07	50.90	33.47		8.03	5.4	2.63	
870	8/16/2009 16:16	18.92	50.86	33.44		8.02	5.2	2.69	
871	8/16/2009 16:31	18.62	51.24	33.72		8.00	5.7	2.74	
872	8/16/2009 16:46	18.19	50.83	33.42		7.99	5.9	2.80	
873	8/16/2009 17:01	17.84	50.72	33.34		7.99	5.7	2.86	
874	8/16/2009 17:16	17.45	50.70	33.32		7.99	5.9	2.93	
875	8/16/2009 17:31	17.05	50.80	33.39		8.00	6.1	3.00	
876	8/16/2009 17:46	16.84	51.03	33.55		8.02	5.9	3.05	
877	8/16/2009 18:01	16.69	50.62	33.25		8.02	6.0	3.13	
878	8/16/2009 18:16	16.44	50.77	33.35		8.02	5.9	3.21	
879	8/16/2009 18:31	16.12	50.77	33.35		8.02	5.9	3.28	
880	8/16/2009 18:46	15.61	50.56	33.19		8.01	6.4	3.35	
881	8/16/2009 19:01	15.25	50.55	33.17		8.00	6.8	3.42	
882	8/16/2009 19:16	14.86	50.50	33.13		8.02	6.5	3.49	
883	8/16/2009 19:31	14.64	50.48	33.11		8.03	6.2	3.56	
884	8/16/2009 19:46	14.53	50.46	33.09		8.03	6.0	3.62	
885	8/16/2009 20:01	14.42	50.49	33.11		8.03	5.4	3.67	
886	8/16/2009 20:16	14.28	50.51	33.11		8.03	4.2	3.71	
887	8/16/2009 20:31	14.09	50.56	33.15		8.04	3.4	3.75	
888	8/16/2009 20:46	14.05	50.50	33.10		8.03	2.0	3.76	
889	8/16/2009 21:01	14.12	50.81	33.33		8.03	2.6	3.77	
890	8/16/2009 21:16	14.10	50.50	33.10		8.03	3.4	3.75	
891	8/16/2009 21:31	13.94	50.49	33.09		8.04	2.9	3.72	
892	8/16/2009 21:46	14.26	50.47	33.09		8.04	4.2	3.66	
893	8/16/2009 22:01	15.38	50.60	33.21		8.02	5.9	3.59	
894	8/16/2009 22:16	15.49	50.61	33.22		8.01	6.5	3.52	
895	8/16/2009 22:31	16.64	50.88	33.44		8.06	7.6	3.42	
896	8/16/2009 22:46	16.54	50.75	33.34		8.05	7.4	3.32	
897	8/16/2009 23:01	16.56	50.79	33.37		8.05	6.8	3.21	
898	8/16/2009 23:16	16.77	50.72	33.32		8.05	6.3	3.10	
899	8/16/2009 23:31	17.17	50.74	33.34		8.05	6.0	3.00	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
900	8/16/2009 23:46	17.43	50.76	33.36		8.05	6.9	2.90	
901	8/17/2009 0:01	17.95	50.91	33.47		8.04	7.5	2.77	
902	8/17/2009 0:16	18.24	50.94	33.50		8.04	8.7	2.65	
903	8/17/2009 0:31	18.23	50.95	33.50		8.06	8.7	2.54	
904	8/17/2009 0:46	18.37	50.97	33.52		8.05	9.5	2.41	
905	8/17/2009 1:01	18.17	50.87	33.44		8.05	9.4	2.27	
906	8/17/2009 1:16	17.94	50.88	33.45		8.04	9.9	2.14	
907	8/17/2009 1:31	17.89	50.87	33.45		8.03	10.6	2.02	
908	8/17/2009 1:46	17.99	50.88	33.46		8.03	11.0	1.87	
909	8/17/2009 2:01	18.17	51.28	33.75		8.02	10.1	1.73	
910	8/17/2009 2:16	18.47	51.03	33.57		8.03	10.9	1.60	
911	8/17/2009 2:31	18.68	51.06	33.58		8.03	9.8	1.47	
912	8/17/2009 2:46	18.98	51.12	33.63		8.05	9.7	1.36	
913	8/17/2009 3:01	19.07	51.43	33.86		8.04	10.1	1.27	
914	8/17/2009 3:16	19.11	51.15	33.65		8.03	8.9	1.19	
915	8/17/2009 3:31	19.23	51.50	33.91		8.04	9.0	1.15	
916	8/17/2009 3:46	19.29	51.26	33.74		8.05	7.8	1.11	
917	8/17/2009 4:01	19.11	51.77	34.11		8.02	7.8	1.12	
918	8/17/2009 4:16	19.19	51.37	33.81		8.03	6.7	1.16	
919	8/17/2009 4:31	19.29	51.28	33.75		8.05	6.3	1.18	
920	8/17/2009 4:46	19.43	51.31	33.77		8.06	6.3	1.26	
921	8/17/2009 5:01	19.58	51.78	34.12		8.07	6.2	1.32	
922	8/17/2009 5:16	19.64	51.34	33.79		8.08	6.0	1.37	
923	8/17/2009 5:31	19.59	51.30	33.77		8.08	6.2	1.45	
924	8/17/2009 5:46	19.92	51.34	33.79		8.03	9.0	1.53	
925	8/17/2009 6:01	19.95	51.34	33.79		8.02	10.1	1.59	
926	8/17/2009 6:16	19.82	51.33	33.79		8.03	9.8	1.67	
927	8/17/2009 6:31	19.65	51.24	33.72		8.00	9.3	1.77	
928	8/17/2009 6:46	19.50	51.24	33.72		8.03	8.6	1.84	
929	8/17/2009 7:01	19.40	51.21	33.70		8.03	9.2	1.93	
930	8/17/2009 7:16	19.33	51.17	33.67		8.03	8.7	2.04	
931	8/17/2009 7:31	19.06	51.46	33.89		8.02	10.0	2.13	
932	8/17/2009 7:46	18.84	51.09	33.61		8.01	9.3	2.22	
933	8/17/2009 8:01	18.76	51.04	33.57		8.00	9.6	2.32	
934	8/17/2009 8:16	18.67	51.00	33.54		8.00	9.3	2.41	
935	8/17/2009 8:31	18.49	50.97	33.52		7.99	9.8	2.49	
936	8/17/2009 8:46	18.37	50.91	33.47		8.00	9.2	2.57	
937	8/17/2009 9:01	18.16	50.89	33.46		7.99	8.9	2.64	
938	8/17/2009 9:16	17.97	50.90	33.46		7.99	8.7	2.72	
939	8/17/2009 9:31	17.60	50.81	33.40		7.99	10.3	2.79	
940	8/17/2009 9:46	17.33	50.80	33.39		7.99	9.8	2.86	
941	8/17/2009 10:01	17.02	50.77	33.36		7.98	8.2	2.91	
942	8/17/2009 10:16	16.60	50.92	33.47		7.98	7.5	2.97	
943	8/17/2009 10:31	16.05	50.68	33.28		7.98	6.7	3.02	
944	8/17/2009 10:46	15.78	50.66	33.27		7.99	6.3	3.04	
945	8/17/2009 11:01	15.62	50.67	33.27		7.99	3.7	3.07	
946	8/17/2009 11:16	15.49	50.68	33.27		7.99	3.4	3.09	
947	8/17/2009 11:31	15.84	50.64	33.25		7.99	3.8	3.10	
948	8/17/2009 11:46	15.62	50.67	33.27		7.99	4.0	3.07	
949	8/17/2009 12:01	15.74	50.61	33.22		7.99	6.5	3.03	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
950	8/17/2009 12:16	16.03	51.12	33.61		7.99	6.9	2.99	
951	8/17/2009 12:31	16.52	50.71	33.32		8.00	7.6	2.93	
952	8/17/2009 12:46	17.00	51.08	33.59		8.00	7.3	2.85	
953	8/17/2009 13:01	17.47	50.83	33.41		8.01	6.9	2.78	
954	8/17/2009 13:16	17.80	51.27	33.74		8.01	7.5	2.71	
955	8/17/2009 13:31	18.04	51.26	33.73		8.01	6.3	2.64	
956	8/17/2009 13:46	18.28	50.90	33.47		8.02	5.9	2.59	
957	8/17/2009 14:01	18.55	50.94	33.50		8.03	6.0	2.52	
958	8/17/2009 14:16	18.75	51.26	33.73		8.03	5.2	2.47	
959	8/17/2009 14:31	18.92	50.98	33.53		8.04	5.6	2.43	
960	8/17/2009 14:46	19.02	51.28	33.75		8.01	5.4	2.40	
961	8/17/2009 15:01	19.07	51.05	33.58		8.04	4.9	2.35	
962	8/17/2009 15:16	19.15	51.38	33.82		8.04	4.7	2.34	
963	8/17/2009 15:31	19.18	51.12	33.63		8.06	4.6	2.33	
964	8/17/2009 15:46	19.19	50.97	33.53		8.06	4.3	2.32	
965	8/17/2009 16:01	19.19	51.02	33.56		8.05	4.7	2.34	
966	8/17/2009 16:16	19.23	51.03	33.56		8.02	4.7	2.37	
967	8/17/2009 16:31	19.28	51.40	33.84		8.04	4.6	2.41	
968	8/17/2009 16:46	19.37	51.06	33.59		8.05	4.9	2.46	
969	8/17/2009 17:01	19.18	51.00	33.54		8.04	5.2	2.51	
970	8/17/2009 17:16	19.22	51.20	33.69		8.04	7.3	2.58	
971	8/17/2009 17:31	18.86	50.95	33.51		8.03	6.4	2.65	
972	8/17/2009 17:46	18.59	51.30	33.76		8.02	6.2	2.72	
973	8/17/2009 18:01	18.33	50.97	33.52		8.02	6.2	2.78	
974	8/17/2009 18:16	17.90	50.87	33.44		8.01	6.2	2.86	
975	8/17/2009 18:31	17.06	50.74	33.34		8.00	6.8	2.94	
976	8/17/2009 18:46	16.56	50.71	33.31		8.00	6.8	3.01	
977	8/17/2009 19:01	16.43	50.61	33.24		8.00	6.7	3.10	
978	8/17/2009 19:16	15.89	50.99	33.50		8.00	7.9	3.18	
979	8/17/2009 19:31	15.35	50.68	33.27		8.00	9.8	3.27	
980	8/17/2009 19:46	14.83	50.66	33.24		8.00	10.9	3.36	
981	8/17/2009 20:01	14.50	50.57	33.17		8.00	11.3	3.44	
982	8/17/2009 20:16	13.99	50.99	33.46		8.00	10.2	3.53	
983	8/17/2009 20:31	13.78	50.52	33.11		7.99	9.2	3.61	
984	8/17/2009 20:46	13.39	50.86	33.34		7.98	6.2	3.69	
985	8/17/2009 21:01	13.15	50.53	33.10		7.99	5.7	3.75	
986	8/17/2009 21:16	13.11	50.59	33.14		7.99	4.8	3.80	
987	8/17/2009 21:31	13.05	50.58	33.13		8.01	3.5	3.85	
988	8/17/2009 21:46	12.99	50.96	33.40		8.02	2.6	3.89	
989	8/17/2009 22:01	12.97	50.51	33.07		8.02	2.0	3.90	
990	8/17/2009 22:16	13.31	50.51	33.08		8.00	3.8	3.88	
991	8/17/2009 22:31	13.13	50.51	33.08		8.01	4.5	3.86	
992	8/17/2009 22:46	13.12	50.59	33.13		8.01	4.8	3.81	
993	8/17/2009 23:01	13.56	50.89	33.37		8.00	7.5	3.73	
994	8/17/2009 23:16	14.26	50.66	33.22		8.00	7.1	3.63	
995	8/17/2009 23:31	15.10	51.19	33.64		8.01	7.3	3.53	
996	8/17/2009 23:46	15.18	50.69	33.27		8.01	7.8	3.43	
997	8/18/2009 0:01	15.24	50.73	33.30		8.02	8.2	3.31	
998	8/18/2009 0:16	15.21	50.73	33.30		8.02	7.2	3.18	
999	8/18/2009 0:31	15.32	50.67	33.26		8.01	6.5	3.06	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1000	8/18/2009 0:46	16.41	50.94	33.48		8.01	9.3	2.94	
1001	8/18/2009 1:01	16.81	50.83	33.40		8.01	8.9	2.81	
1002	8/18/2009 1:16	17.23	51.01	33.54		8.01	9.8	2.67	
1003	8/18/2009 1:31	17.80	50.95	33.50		8.01	9.5	2.54	
1004	8/18/2009 1:46	18.04	50.95	33.50		8.02	9.2	2.42	
1005	8/18/2009 2:01	17.81	50.83	33.41		8.01	10.1	2.26	
1006	8/18/2009 2:16	17.39	50.84	33.41		8.01	10.5	2.11	
1007	8/18/2009 2:31	17.51	50.91	33.47		8.01	11.5	1.97	
1008	8/18/2009 2:46	17.57	50.87	33.44		8.00	11.8	1.81	
1009	8/18/2009 3:01	17.97	50.93	33.48		8.02	11.5	1.68	
1010	8/18/2009 3:16	18.11	50.98	33.53		8.01	11.0	1.52	
1011	8/18/2009 3:31	18.41	51.04	33.57		8.01	10.4	1.39	
1012	8/18/2009 3:46	18.55	51.38	33.82		8.00	8.3	1.27	
1013	8/18/2009 4:01	18.75	51.18	33.68		8.00	7.9	1.16	
1014	8/18/2009 4:16	19.01	51.14	33.64		8.02	7.6	1.09	
1015	8/18/2009 4:31	19.27	51.25	33.73		8.00	7.7	1.02	
1016	8/18/2009 4:46	19.22	51.66	34.03		8.02	6.8	0.99	
1017	8/18/2009 5:01	19.12	51.23	33.72		8.02	7.8	1.03	
1018	8/18/2009 5:16	19.36	51.65	34.02		8.04	6.4	1.06	
1019	8/18/2009 5:31	19.44	51.35	33.80		8.05	6.5	1.15	
1020	8/18/2009 5:46	19.53	51.49	33.91		8.06	6.5	1.21	
1021	8/18/2009 6:01	19.55	51.36	33.81		8.06	6.3	1.30	
1022	8/18/2009 6:16	19.48	51.28	33.75		8.06	6.4	1.38	
1023	8/18/2009 6:31	19.77	51.48	33.90		8.02	9.1	1.44	
1024	8/18/2009 6:46	19.80	51.61	33.99		8.01	9.7	1.54	
1025	8/18/2009 7:01	19.71	51.30	33.77		8.01	10.3	1.62	
1026	8/18/2009 7:16	19.45	51.26	33.73		7.99	8.5	1.71	
1027	8/18/2009 7:31	19.29	51.16	33.66		8.01	8.6	1.81	
1028	8/18/2009 7:46	19.19	51.15	33.65		8.01	8.8	1.91	
1029	8/18/2009 8:01	18.97	51.61	33.99		8.01	8.8	2.02	
1030	8/18/2009 8:16	18.72	51.55	33.95		8.00	8.7	2.13	
1031	8/18/2009 8:31	18.57	51.49	33.90		7.99	9.6	2.24	
1032	8/18/2009 8:46	18.44	51.01	33.55		7.98	9.3	2.34	
1033	8/18/2009 9:01	18.25	51.00	33.54		7.97	10.3	2.45	
1034	8/18/2009 9:16	18.06	51.02	33.56		7.97	11.2	2.55	
1035	8/18/2009 9:31	17.85	50.96	33.51		7.96	11.4	2.63	
1036	8/18/2009 9:46	17.56	50.88	33.45		7.96	10.0	2.72	
1037	8/18/2009 10:01	17.04	50.86	33.43		7.96	12.5	2.81	
1038	8/18/2009 10:16	16.58	50.77	33.36		7.95	11.4	2.89	
1039	8/18/2009 10:31	15.78	50.72	33.31		7.95	13.0	2.96	
1040	8/18/2009 10:46	15.38	51.03	33.53		7.95	10.4	3.03	
1041	8/18/2009 11:01	14.96	50.58	33.18		7.95	11.5	3.10	
1042	8/18/2009 11:16	14.79	50.53	33.15		7.95	9.7	3.17	
1043	8/18/2009 11:31	14.62	50.73	33.29		7.95	6.7	3.21	
1044	8/18/2009 11:46	14.43	50.64	33.22		7.96	4.9	3.26	
1045	8/18/2009 12:01	14.37	50.68	33.24		7.96	3.1	3.29	
1046	8/18/2009 12:16	14.80	50.60	33.20		7.96	4.9	3.29	
1047	8/18/2009 12:31	14.57	50.62	33.21		7.96	5.0	3.27	
1048	8/18/2009 12:46	14.51	50.60	33.19		7.96	6.3	3.23	
1049	8/18/2009 13:01	14.70	50.61	33.20		7.96	9.2	3.16	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1050	8/18/2009 13:16	15.29	50.58	33.19		7.99	10.6	3.09	
1051	8/18/2009 13:31	15.84	50.60	33.22		8.01	12.1	3.00	
1052	8/18/2009 13:46	16.72	51.59	33.96		8.03	11.5	2.91	
1053	8/18/2009 14:01	17.02	50.76	33.35		8.03	10.5	2.83	
1054	8/18/2009 14:16	17.09	50.83	33.41		8.05	7.1	2.75	
1055	8/18/2009 14:31	17.14	50.82	33.40		8.05	6.2	2.65	
1056	8/18/2009 14:46	17.68	51.17	33.67		8.06	6.0	2.60	
1057	8/18/2009 15:01	17.83	51.18	33.67		8.07	6.3	2.53	
1058	8/18/2009 15:16	18.28	50.96	33.51		8.07	6.7	2.45	
1059	8/18/2009 15:31	18.31	51.35	33.80		8.08	5.7	2.40	
1060	8/18/2009 15:46	18.58	50.91	33.47		8.09	5.8	2.34	
1061	8/18/2009 16:01	18.73	50.92	33.48		8.09	5.3	2.29	
1062	8/18/2009 16:16	18.96	51.02	33.56		8.09	4.4	2.26	
1063	8/18/2009 16:31	19.19	51.02	33.56		8.08	4.3	2.23	
1064	8/18/2009 16:46	19.45	50.97	33.52		8.11	4.0	2.22	
1065	8/18/2009 17:01	19.52	51.26	33.73		8.12	4.1	2.23	
1066	8/18/2009 17:16	19.45	51.34	33.79		8.11	4.3	2.26	
1067	8/18/2009 17:31	19.36	51.20	33.69		8.10	5.0	2.30	
1068	8/18/2009 17:46	19.42	51.51	33.92		8.09	6.2	2.35	
1069	8/18/2009 18:01	19.29	51.26	33.73		8.08	6.7	2.41	
1070	8/18/2009 18:16	19.55	51.08	33.61		8.05	11.0	2.49	
1071	8/18/2009 18:31	19.14	50.96	33.52		8.05	9.3	2.57	
1072	8/18/2009 18:46	18.82	50.96	33.51		8.04	8.0	2.63	
1073	8/18/2009 19:01	18.31	50.79	33.39		8.02	8.0	2.73	
1074	8/18/2009 19:16	17.72	50.92	33.48		8.00	9.2	2.81	
1075	8/18/2009 19:31	17.04	50.75	33.35		7.98	7.8	2.89	
1076	8/18/2009 19:46	16.60	51.09	33.59		7.98	8.2	2.99	
1077	8/18/2009 20:01	16.40	51.00	33.52		7.98	9.9	3.08	
1078	8/18/2009 20:16	15.55	50.86	33.40		7.98	9.9	3.17	
1079	8/18/2009 20:31	14.97	51.35	33.75		8.00	10.8	3.27	
1080	8/18/2009 20:46	14.24	50.58	33.16		7.99	15.0	3.37	
1081	8/18/2009 21:01	13.84	50.48	33.08		7.97	10.9	3.47	
1082	8/18/2009 21:16	13.35	50.50	33.08		7.97	11.8	3.57	
1083	8/18/2009 21:31	13.18	50.64	33.18		7.98	10.4	3.66	
1084	8/18/2009 21:46	12.93	50.58	33.12		7.99	8.4	3.74	
1085	8/18/2009 22:01	12.81	50.57	33.10		7.99	6.3	3.82	
1086	8/18/2009 22:16	12.78	50.85	33.31		8.00	5.2	3.88	
1087	8/18/2009 22:31	12.73	50.55	33.09		8.00	3.5	3.94	
1088	8/18/2009 22:46	12.82	50.94	33.38		8.00	2.0	3.96	
1089	8/18/2009 23:01	13.20	50.53	33.09		8.00	2.9	3.98	
1090	8/18/2009 23:16	13.16	50.56	33.11		7.99	4.0	3.99	
1091	8/18/2009 23:31	12.91	50.59	33.12		8.00	3.1	3.95	
1092	8/18/2009 23:46	13.21	50.92	33.38		7.97	7.0	3.89	
1093	8/19/2009 0:01	13.03	50.59	33.13		7.98	6.5	3.83	
1094	8/19/2009 0:16	13.59	50.91	33.39		7.98	6.8	3.73	
1095	8/19/2009 0:31	14.18	50.63	33.20		7.98	8.3	3.62	
1096	8/19/2009 0:46	14.33	50.86	33.37		8.01	9.6	3.50	
1097	8/19/2009 1:01	14.17	51.45	33.80		8.02	10.1	3.37	
1098	8/19/2009 1:16	14.36	51.41	33.78		8.02	8.1	3.24	
1099	8/19/2009 1:31	14.94	51.27	33.69		8.01	9.2	3.10	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1100	8/19/2009 1:46	15.38	51.47	33.85		8.01	8.6	2.96	
1101	8/19/2009 2:01	16.25	51.60	33.96		8.01	10.1	2.81	
1102	8/19/2009 2:16	16.69	51.70	34.04		8.01	11.6	2.67	
1103	8/19/2009 2:31	17.09	51.71	34.05		8.01	10.1	2.54	
1104	8/19/2009 2:46	17.37	51.73	34.07		8.01	9.8	2.38	
1105	8/19/2009 3:01	17.09	51.74	34.08		8.01	9.3	2.22	
1106	8/19/2009 3:16	16.87	51.70	34.05		8.01	10.7	2.07	
1107	8/19/2009 3:31	16.89	51.69	34.03		8.00	12.0	1.90	
1108	8/19/2009 3:46	17.38	51.76	34.10		8.00	13.9	1.76	
1109	8/19/2009 4:01	17.73	51.82	34.14		8.00	11.9	1.60	
1110	8/19/2009 4:16	18.03	51.86	34.17		8.01	11.7	1.43	
1111	8/19/2009 4:31	18.41	51.90	34.21		8.02	10.5	1.30	
1112	8/19/2009 4:46	18.48	51.91	34.21		8.01	10.0	1.16	
1113	8/19/2009 5:01	18.75	51.96	34.25		8.01	14.0	1.06	
1114	8/19/2009 5:16	18.98	52.03	34.30		8.02	10.4	0.99	
1115	8/19/2009 5:31	19.17	52.07	34.33		8.03	7.8	0.96	
1116	8/19/2009 5:46	19.15	52.09	34.35		8.03	7.5	0.96	
1117	8/19/2009 6:01	19.27	51.45	33.88		8.04	7.0	1.00	
1118	8/19/2009 6:16	19.49	52.15	34.39		8.05	6.7	1.09	
1119	8/19/2009 6:31	19.43	52.13	34.38		8.06	6.5	1.17	
1120	8/19/2009 6:46	19.54	52.15	34.39		8.07	6.7	1.26	
1121	8/19/2009 7:01	19.35	51.69	34.05		8.06	6.8	1.36	
1122	8/19/2009 7:16	19.51	52.04	34.31		8.01	9.4	1.45	
1123	8/19/2009 7:31	19.61	52.08	34.34		8.00	10.6	1.54	
1124	8/19/2009 7:46	19.38	51.42	33.85		8.03	9.3	1.63	
1125	8/19/2009 8:01	19.12	51.98	34.26		8.03	8.1	1.74	
1126	8/19/2009 8:16	19.04	52.00	34.28		8.02	9.5	1.85	
1127	8/19/2009 8:31	18.95	51.98	34.26		8.04	9.0	1.95	
1128	8/19/2009 8:46	18.59	51.91	34.21		8.01	8.5	2.07	
1129	8/19/2009 9:01	18.34	51.86	34.18		8.00	9.3	2.19	
1130	8/19/2009 9:16	18.24	51.14	33.64		7.99	10.4	2.31	
1131	8/19/2009 9:31	17.98	51.80	34.13		7.97	11.8	2.42	
1132	8/19/2009 9:46	17.75	51.77	34.11		7.97	11.7	2.53	
1133	8/19/2009 10:01	17.52	51.06	33.58		7.97	11.6	2.64	
1134	8/19/2009 10:16	17.36	51.65	34.01		7.97	12.8	2.73	
1135	8/19/2009 10:31	16.71	50.95	33.49		7.97	13.6	2.84	
1136	8/19/2009 10:46	15.99	51.52	33.90		7.96	15.8	2.93	
1137	8/19/2009 11:01	15.42	51.49	33.86		7.96	17.3	3.03	
1138	8/19/2009 11:16	14.80	51.41	33.79		7.99	17.0	3.12	
1139	8/19/2009 11:31	14.45	51.42	33.78		7.97	14.0	3.20	
1140	8/19/2009 11:46	14.34	51.39	33.76		7.98	12.3	3.28	
1141	8/19/2009 12:01	14.13	51.35	33.73		7.98	11.5	3.35	
1142	8/19/2009 12:16	13.78	51.35	33.72		8.02	10.6	3.41	
1143	8/19/2009 12:31	13.66	51.35	33.71		8.04	5.3	3.45	
1144	8/19/2009 12:46	13.76	51.26	33.64		8.04	3.1	3.47	
1145	8/19/2009 13:01	14.09	51.39	33.76		8.02	5.2	3.46	
1146	8/19/2009 13:16	13.77	51.34	33.71		8.03	6.8	3.43	
1147	8/19/2009 13:31	13.84	51.34	33.71		8.03	9.4	3.37	
1148	8/19/2009 13:46	14.11	51.37	33.74		8.03	12.1	3.29	
1149	8/19/2009 14:01	15.00	51.43	33.81		8.21	16.5	3.20	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1150	8/19/2009 14:16	15.69	51.48	33.87		8.04	16.5	3.10	
1151	8/19/2009 14:31	16.33	51.56	33.93		8.05	13.7	2.99	
1152	8/19/2009 14:46	16.77	50.93	33.48		8.10	14.6	2.89	
1153	8/19/2009 15:01	17.36	51.64	34.00		8.06	10.7	2.79	
1154	8/19/2009 15:16	17.87	51.69	34.05		8.08	11.5	2.70	
1155	8/19/2009 15:31	18.23	51.74	34.08		8.09	11.1	2.61	
1156	8/19/2009 15:46	18.34	51.72	34.07		8.10	9.5	2.51	
1157	8/19/2009 16:01	18.29	51.71	34.06		8.11	8.6	2.43	
1158	8/19/2009 16:16	18.26	51.69	34.05		8.12	7.5	2.34	
1159	8/19/2009 16:31	17.96	51.64	34.01		8.13	7.4	2.27	
1160	8/19/2009 16:46	18.28	51.01	33.55		8.13	6.7	2.18	
1161	8/19/2009 17:01	18.36	51.70	34.06		8.15	5.6	2.13	
1162	8/19/2009 17:16	18.63	51.73	34.08		8.15	5.7	2.09	
1163	8/19/2009 17:31	19.13	51.85	34.17		8.16	5.2	2.04	
1164	8/19/2009 17:46	19.34	51.88	34.19		8.14	4.9	2.04	
1165	8/19/2009 18:01	19.05	51.95	34.24		8.14	5.6	2.06	
1166	8/19/2009 18:16	19.53	51.94	34.24		8.14	4.9	2.10	
1167	8/19/2009 18:31	19.32	51.90	34.21		8.12	5.9	2.14	
1168	8/19/2009 18:46	19.32	51.88	34.19		8.11	6.8	2.20	
1169	8/19/2009 19:01	19.21	51.18	33.67		8.10	7.9	2.29	
1170	8/19/2009 19:16	19.54	51.82	34.15		8.06	12.8	2.37	
1171	8/19/2009 19:31	19.18	51.79	34.13		8.06	10.1	2.46	
1172	8/19/2009 19:46	18.73	51.74	34.09		8.06	8.4	2.55	
1173	8/19/2009 20:01	18.38	51.53	33.93		8.05	9.0	2.65	
1174	8/19/2009 20:16	17.53	51.59	33.97		8.01	9.2	2.74	
1175	8/19/2009 20:31	17.21	50.92	33.47		8.00	10.1	2.83	
1176	8/19/2009 20:46	16.89	51.55	33.93		8.00	9.3	2.93	
1177	8/19/2009 21:01	16.52	51.48	33.88		8.01	10.8	3.02	
1178	8/19/2009 21:16	15.95	51.45	33.85		8.02	11.4	3.12	
1179	8/19/2009 21:31	15.64	51.44	33.83		8.03	11.4	3.23	
1180	8/19/2009 21:46	14.89	51.36	33.75		8.06	13.1	3.33	
1181	8/19/2009 22:01	14.21	51.29	33.69		8.08	11.7	3.44	
1182	8/19/2009 22:16	14.07	51.28	33.67		8.09	9.1	3.54	
1183	8/19/2009 22:31	13.73	51.29	33.67		8.13	8.2	3.64	
1184	8/19/2009 22:46	13.61	51.26	33.64		8.14	7.8	3.72	
1185	8/19/2009 23:01	13.54	51.22	33.61		8.15	7.8	3.81	
1186	8/19/2009 23:16	13.50	51.26	33.64		8.15	4.5	3.87	
1187	8/19/2009 23:31	13.51	51.25	33.63		8.16	3.2	3.93	
1188	8/19/2009 23:46	13.43	50.61	33.16		8.16	2.6	3.97	
1189	8/20/2009 0:01	13.87	51.23	33.63		8.14	3.7	3.99	
1190	8/20/2009 0:16	13.81	51.27	33.66		8.14	3.8	3.99	
1191	8/20/2009 0:31	13.90	51.23	33.63		8.11	6.6	3.95	
1192	8/20/2009 0:46	13.73	51.19	33.60		8.12	6.3	3.89	
1193	8/20/2009 1:01	13.77	51.28	33.67		8.12	6.7	3.81	
1194	8/20/2009 1:16	14.01	51.32	33.70		8.12	9.9	3.70	
1195	8/20/2009 1:31	14.53	51.37	33.75		8.10	10.4	3.58	
1196	8/20/2009 1:46	14.66	51.33	33.73		8.11	11.2	3.46	
1197	8/20/2009 2:01	14.55	51.39	33.77		8.12	12.3	3.31	
1198	8/20/2009 2:16	14.76	51.44	33.81		8.11	12.3	3.19	
1199	8/20/2009 2:31	15.22	51.42	33.81		8.09	10.1	3.05	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1200	8/20/2009 2:46	15.88	51.52	33.89		8.05	11.8	2.90	
1201	8/20/2009 3:01	16.42	51.58	33.95		8.03	12.1	2.76	
1202	8/20/2009 3:16	16.84	51.63	33.99		8.03	12.0	2.60	
1203	8/20/2009 3:31	17.08	51.66	34.02		8.02	13.0	2.45	
1204	8/20/2009 3:46	17.06	51.67	34.02		8.02	10.6	2.30	
1205	8/20/2009 4:01	16.67	51.55	33.93		8.02	9.0	2.14	
1206	8/20/2009 4:16	16.77	51.61	33.98		8.03	10.9	1.98	
1207	8/20/2009 4:31	17.05	51.64	34.00		8.02	11.5	1.83	
1208	8/20/2009 4:46	17.34	51.66	34.02		8.02	11.7	1.67	
1209	8/20/2009 5:01	17.58	51.66	34.02		8.01	11.7	1.50	
1210	8/20/2009 5:16	17.78	51.74	34.08		8.01	11.8	1.35	
1211	8/20/2009 5:31	18.17	51.81	34.14		8.01	11.3	1.22	
1212	8/20/2009 5:46	18.41	51.85	34.17		8.01	12.0	1.12	
1213	8/20/2009 6:01	18.57	51.84	34.16		8.01	9.9	1.04	
1214	8/20/2009 6:16	18.64	51.38	33.82		8.01	8.2	1.00	
1215	8/20/2009 6:31	18.44	51.31	33.77		8.00	8.5	0.99	
1216	8/20/2009 6:46	18.55	51.85	34.17		8.03	7.6	1.04	
1217	8/20/2009 7:01	19.03	51.99	34.27		8.02	7.3	1.11	
1218	8/20/2009 7:16	18.94	51.94	34.23		8.03	7.3	1.22	
1219	8/20/2009 7:31	19.07	51.58	33.97		8.06	7.4	1.32	
1220	8/20/2009 7:46	18.96	51.88	34.20		8.04	7.6	1.41	
1221	8/20/2009 8:01	19.07	51.88	34.19		8.00	9.3	1.52	
1222	8/20/2009 8:16	19.12	51.30	33.76		7.99	11.4	1.61	
1223	8/20/2009 8:31	18.85	51.81	34.14		8.00	10.6	1.72	
1224	8/20/2009 8:46	18.62	51.77	34.11		8.02	9.2	1.84	
1225	8/20/2009 9:01	18.53	51.77	34.11		8.00	9.2	1.94	
1226	8/20/2009 9:16	18.34	51.73	34.08		8.00	8.5	2.07	
1227	8/20/2009 9:31	18.11	51.68	34.04		8.00	9.8	2.19	
1228	8/20/2009 9:46	17.93	51.61	33.99		7.98	11.3	2.31	
1229	8/20/2009 10:01	17.78	51.10	33.61		7.97	12.3	2.43	
1230	8/20/2009 10:16	17.48	51.55	33.94		7.97	14.6	2.55	
1231	8/20/2009 10:31	17.33	51.54	33.93		7.98	13.0	2.65	
1232	8/20/2009 10:46	17.17	51.47	33.88		7.98	15.1	2.76	
1233	8/20/2009 11:01	16.82	51.49	33.89		7.99	15.6	2.87	
1234	8/20/2009 11:16	16.05	51.36	33.78		8.02	14.6	2.97	
1235	8/20/2009 11:31	15.48	51.22	33.67		8.04	15.3	3.07	
1236	8/20/2009 11:46	15.16	51.31	33.73		8.06	13.2	3.17	
1237	8/20/2009 12:01	14.81	51.29	33.70		8.09	12.8	3.26	
1238	8/20/2009 12:16	14.69	51.26	33.68		8.10	10.7	3.35	
1239	8/20/2009 12:31	14.29	51.18	33.61		8.12	10.4	3.44	
1240	8/20/2009 12:46	13.99	51.16	33.58		8.14	8.4	3.51	
1241	8/20/2009 13:01	13.82	51.22	33.62		8.16	6.0	3.56	
1242	8/20/2009 13:16	13.80	51.08	33.52		8.16	3.4	3.59	
1243	8/20/2009 13:31	14.37	51.18	33.61		8.15	4.6	3.60	
1244	8/20/2009 13:46	13.84	51.10	33.53		8.16	4.4	3.58	
1245	8/20/2009 14:01	13.90	51.15	33.57		8.15	7.5	3.52	
1246	8/20/2009 14:16	14.08	51.13	33.56		8.16	8.5	3.44	
1247	8/20/2009 14:31	15.11	51.30	33.72		8.15	13.9	3.35	
1248	8/20/2009 14:46	15.82	51.32	33.75		8.14	14.5	3.23	
1249	8/20/2009 15:01	15.82	51.39	33.80		8.13	13.9	3.11	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1250	8/20/2009 15:16	16.04	51.35	33.78		8.11	13.7	3.00	
1251	8/20/2009 15:31	16.73	51.36	33.79		8.11	10.4	2.89	
1252	8/20/2009 15:46	17.41	51.50	33.90		8.10	11.9	2.77	
1253	8/20/2009 16:01	17.83	51.49	33.90		8.10	12.0	2.67	
1254	8/20/2009 16:16	18.08	51.58	33.97		8.10	10.4	2.56	
1255	8/20/2009 16:31	18.20	51.62	34.00		8.10	10.6	2.46	
1256	8/20/2009 16:46	18.30	51.62	33.99		8.11	10.7	2.36	
1257	8/20/2009 17:01	18.29	51.60	33.98		8.14	9.3	2.24	
1258	8/20/2009 17:16	18.14	51.58	33.97		8.15	7.9	2.16	
1259	8/20/2009 17:31	17.96	51.46	33.88		8.15	7.2	2.08	
1260	8/20/2009 17:46	18.03	51.53	33.93		8.16	6.7	1.98	
1261	8/20/2009 18:01	18.07	51.54	33.94		8.17	7.1	1.91	
1262	8/20/2009 18:16	18.40	51.59	33.98		8.16	5.9	1.88	
1263	8/20/2009 18:31	18.51	51.59	33.98		8.17	5.0	1.86	
1264	8/20/2009 18:46	18.17	51.62	34.00		8.18	5.5	1.85	
1265	8/20/2009 19:01	18.32	51.62	34.00		8.16	5.7	1.86	
1266	8/20/2009 19:16	19.07	51.65	34.02		8.15	5.1	1.92	
1267	8/20/2009 19:31	19.07	51.74	34.09		8.13	5.6	1.99	
1268	8/20/2009 19:46	19.17	51.77	34.11		8.12	7.0	2.06	
1269	8/20/2009 20:01	19.23	51.73	34.08		8.09	9.9	2.16	
1270	8/20/2009 20:16	19.54	51.74	34.09		8.07	11.5	2.27	
1271	8/20/2009 20:31	18.95	51.65	34.02		8.07	11.0	2.37	
1272	8/20/2009 20:46	18.76	51.61	33.99		8.07	9.1	2.47	
1273	8/20/2009 21:01	18.46	51.57	33.96		8.06	10.6	2.57	
1274	8/20/2009 21:16	17.77	51.50	33.91		8.04	9.0	2.66	
1275	8/20/2009 21:31	17.56	51.47	33.89		8.03	9.6	2.76	
1276	8/20/2009 21:46	17.22	51.45	33.86		8.03	11.5	2.86	
1277	8/20/2009 22:01	16.80	51.38	33.81		8.05	11.7	2.96	
1278	8/20/2009 22:16	16.49	51.37	33.79		8.06	12.6	3.06	
1279	8/20/2009 22:31	16.22	51.34	33.77		8.08	14.0	3.17	
1280	8/20/2009 22:46	15.51	51.24	33.68		8.11	11.4	3.27	
1281	8/20/2009 23:01	15.16	51.16	33.62		8.12	15.7	3.38	
1282	8/20/2009 23:16	14.54	51.14	33.59		8.14	11.3	3.48	
1283	8/20/2009 23:31	14.39	51.10	33.55		8.15	9.4	3.58	
1284	8/20/2009 23:46	14.19	51.10	33.55		8.17	8.7	3.68	
1285	8/21/2009 0:01	14.00	51.11	33.55		8.17	10.3	3.76	
1286	8/21/2009 0:16	13.78	51.03	33.48		8.18	7.9	3.84	
1287	8/21/2009 0:31	13.70	51.02	33.47		8.18	4.3	3.89	
1288	8/21/2009 0:46	13.55	50.95	33.42		8.18	3.2	3.93	
1289	8/21/2009 1:01	14.03	51.07	33.52		8.17	3.4	3.94	
1290	8/21/2009 1:16	13.93	51.12	33.55		8.16	4.3	3.92	
1291	8/21/2009 1:31	14.08	50.98	33.45		8.16	5.6	3.88	
1292	8/21/2009 1:46	14.09	51.15	33.58		8.16	8.4	3.79	
1293	8/21/2009 2:01	14.71	51.18	33.62		8.14	10.1	3.69	
1294	8/21/2009 2:16	14.80	51.23	33.65		8.13	10.6	3.58	
1295	8/21/2009 2:31	15.11	51.31	33.73		8.32	11.8	3.46	
1296	8/21/2009 2:46	14.88	51.26	33.68		8.33	9.5	3.32	
1297	8/21/2009 3:01	15.07	51.21	33.65		8.14	10.5	3.18	
1298	8/21/2009 3:16	15.41	51.28	33.71		8.12	10.7	3.05	
1299	8/21/2009 3:31	16.25	51.14	33.63		8.07	10.4	2.91	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1300	8/21/2009 3:46	16.70	51.42	33.84		8.05	10.4	2.76	
1301	8/21/2009 4:01	16.96	51.46	33.87		8.04	10.5	2.62	
1302	8/21/2009 4:16	16.99	51.43	33.85		8.04	10.9	2.47	
1303	8/21/2009 4:31	16.75	51.03	33.55		8.04	9.8	2.32	
1304	8/21/2009 4:46	16.52	51.43	33.84		8.05	10.2	2.16	
1305	8/21/2009 5:01	16.36	51.40	33.82		8.06	8.9	2.00	
1306	8/21/2009 5:16	16.50	51.44	33.85		8.04	11.1	1.85	
1307	8/21/2009 5:31	16.94	51.48	33.88		8.03	10.8	1.69	
1308	8/21/2009 5:46	17.17	51.52	33.91		8.02	10.1	1.54	
1309	8/21/2009 6:01	17.41	51.65	34.01		8.02	8.7	1.39	
1310	8/21/2009 6:16	17.60	51.64	34.01		8.01	8.4	1.27	
1311	8/21/2009 6:31	17.86	51.68	34.04		8.00	10.0	1.17	
1312	8/21/2009 6:46	18.00	51.71	34.06		8.00	11.7	1.10	
1313	8/21/2009 7:01	18.18	51.72	34.07		8.00	6.9	1.07	
1314	8/21/2009 7:16	17.90	51.69	34.05		7.99	8.0	1.07	
1315	8/21/2009 7:31	17.97	51.71	34.07		8.00	7.1	1.14	
1316	8/21/2009 7:46	18.60	51.78	34.12		8.02	6.4	1.22	
1317	8/21/2009 8:01	18.57	51.78	34.12		8.02	6.9	1.32	
1318	8/21/2009 8:16	18.70	51.88	34.19		8.03	7.1	1.43	
1319	8/21/2009 8:31	18.57	51.85	34.17		8.02	8.7	1.53	
1320	8/21/2009 8:46	18.60	51.83	34.15		8.02	8.2	1.62	
1321	8/21/2009 9:01	18.62	51.81	34.14		8.00	9.7	1.73	
1322	8/21/2009 9:16	18.29	51.75	34.10		8.01	9.5	1.84	
1323	8/21/2009 9:31	18.22	51.21	33.70		8.01	9.1	1.96	
1324	8/21/2009 9:46	18.07	51.72	34.07		8.01	9.0	2.08	
1325	8/21/2009 10:01	18.08	51.69	34.05		8.01	9.5	2.19	
1326	8/21/2009 10:16	17.95	51.69	34.05		8.00	10.4	2.32	
1327	8/21/2009 10:31	17.74	51.62	34.00		7.99	10.9	2.44	
1328	8/21/2009 10:46	17.57	51.59	33.97		7.99	12.2	2.55	
1329	8/21/2009 11:01	17.38	51.55	33.94		8.00	13.1	2.66	
1330	8/21/2009 11:16	17.22	51.25	33.72		8.05	15.1	2.77	
1331	8/21/2009 11:31	16.98	51.42	33.84		8.01	17.6	2.88	
1332	8/21/2009 11:46	16.21	51.35	33.78		8.03	15.9	2.99	
1333	8/21/2009 12:01	15.52	51.23	33.67		8.05	14.6	3.09	
1334	8/21/2009 12:16	14.98	51.20	33.64		8.07	13.3	3.19	
1335	8/21/2009 12:31	14.57	51.18	33.61		8.07	11.0	3.29	
1336	8/21/2009 12:46	14.29	51.11	33.55		8.08	12.8	3.39	
1337	8/21/2009 13:01	13.81	51.13	33.56		8.08	10.1	3.47	
1338	8/21/2009 13:16	13.38	51.05	33.48		8.08	7.3	3.56	
Mean		17.90	51.06	33.58	8.34	8.04	7.4	2.60	108.3
Minimum		12.73	50.46	33.07	6.69	7.83	1.6	0.96	88.4
Maximum		21.34	52.15	34.39	10.41	8.33	19.6	3.99	129.7

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	8/21/2009 14:01	13.03	46.94	30.48	10.12	8.07	2.3	3.72	116.2
1	8/21/2009 14:16	13.59	47.12	30.63	9.87	8.15	3.5	3.72	114.8
2	8/21/2009 14:31	13.10	47.23	30.70	9.76	8.15	3.6	3.68	112.4
3	8/21/2009 14:46	13.19	47.23	30.70	9.66	8.16	5.2	3.62	111.5
4	8/21/2009 15:01	13.46	47.31	30.76	9.77	8.17	7.6	3.53	113.4
5	8/21/2009 15:16	15.10	47.32	30.82	9.89	8.20	13.6	3.41	118.7
6	8/21/2009 15:31	15.35	47.39	30.87	9.95	8.10	14.3	3.29	120.1
7	8/21/2009 15:46	15.59	47.41	30.89	9.77	8.20	14.9	3.17	118.5
8	8/21/2009 16:01	16.01	47.42	30.91	9.72	8.11	12.2	3.05	118.9
9	8/21/2009 16:16	16.86	47.59	31.04	9.63	8.12	11.8	2.93	119.8
10	8/21/2009 16:31	17.51	47.55	31.01	9.53	8.12	12.6	2.80	120.1
11	8/21/2009 16:46	17.96	47.64	31.09	9.46	8.13	12.2	2.68	120.3
12	8/21/2009 17:01	17.95	47.67	31.10	9.46	8.12	11.5	2.56	120.3
13	8/21/2009 17:16	18.20	47.80	31.20	9.56	8.20	10.9	2.44	122.2
14	8/21/2009 17:31	18.16	47.77	31.18	9.73	8.21	10.5	2.32	124.3
15	8/21/2009 17:46	17.93	47.68	31.11	10.08	8.16	8.0	2.21	128.1
16	8/21/2009 18:01	17.86	47.63	31.07	10.04	8.16	8.7	2.09	127.5
17	8/21/2009 18:16	17.75	47.73	31.14	10.10	8.16	8.7	1.98	128.0
18	8/21/2009 18:31	17.93	47.65	31.09	9.99	8.23	7.6	1.88	126.9
19	8/21/2009 18:46	18.02	47.77	31.18	9.95	8.16	8.1	1.79	126.7
20	8/21/2009 19:01	18.41	47.89	31.26	9.75	8.22	7.3	1.73	125.2
21	8/21/2009 19:16	18.78	47.90	31.27	9.70	8.21	6.8	1.69	125.5
22	8/21/2009 19:31	18.94	47.89	31.27	9.67	8.21	6.2	1.68	125.3
23	8/21/2009 19:46	18.01	47.65	31.09	9.90	8.16	6.7	1.71	126.0
24	8/21/2009 20:01	19.28	48.04	31.37	9.48	8.21	5.4	1.74	123.7
25	8/21/2009 20:16	19.14	47.95	31.31	9.43	8.20	5.7	1.82	122.7
26	8/21/2009 20:31	19.38	48.02	31.36	9.20	8.19	7.2	1.91	120.3
27	8/21/2009 20:46	19.32	48.02	31.36	9.02	8.17	8.7	2.01	117.9
28	8/21/2009 21:01	19.75	48.03	31.37	8.34	8.12	12.3	2.11	109.8
29	8/21/2009 21:16	19.32	48.03	31.37	8.58	8.14	11.7	2.22	112.1
30	8/21/2009 21:31	18.99	47.81	31.21	8.80	8.14	9.3	2.32	114.1
31	8/21/2009 21:46	18.88	47.85	31.23	8.79	8.15	8.4	2.43	113.9
32	8/21/2009 22:01	18.29	47.79	31.19	8.71	8.08	9.4	2.52	111.5
33	8/21/2009 22:16	18.12	47.91	31.28	8.56	8.06	8.8	2.61	109.3
34	8/21/2009 22:31	17.77	47.75	31.16	8.57	8.14	9.6	2.71	108.6
35	8/21/2009 22:46	17.45	47.77	31.17	8.66	8.05	10.3	2.81	109.1
36	8/21/2009 23:01	16.96	47.76	31.16	8.79	8.05	11.2	2.90	109.7
37	8/21/2009 23:16	16.76	47.64	31.07	8.86	8.05	10.3	3.00	110.1
38	8/21/2009 23:31	16.48	47.58	31.03	8.96	8.06	12.7	3.10	110.7
39	8/21/2009 23:46	15.84	47.61	31.04	9.13	8.05	12.1	3.21	111.4
40	8/22/2009 0:01	15.04	47.44	30.90	9.35	8.05	9.9	3.30	112.2
41	8/22/2009 0:16	14.75	47.60	31.01	9.40	8.18	9.2	3.40	112.2
42	8/22/2009 0:31	14.29	47.49	30.92	9.59	8.06	8.4	3.50	113.3
43	8/22/2009 0:46	14.17	47.48	30.91	9.64	8.19	7.8	3.59	113.7
44	8/22/2009 1:01	13.77	47.30	30.77	9.68	8.06	6.5	3.66	113.1
45	8/22/2009 1:16	13.71	47.39	30.83	9.61	8.05	5.5	3.73	112.1
46	8/22/2009 1:31	13.55	47.40	30.83	9.47	8.18	3.4	3.78	110.2
47	8/22/2009 1:46	13.29	47.55	30.93	9.42	8.18	2.0	3.81	109.1
48	8/22/2009 2:01	13.76	47.55	30.95	9.40	8.17	3.2	3.81	109.9
49	8/22/2009 2:16	13.44	47.57	30.95	9.27	8.17	3.5	3.78	107.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
50	8/22/2009 2:31	13.58	47.40	30.83	9.24	8.04	4.0	3.73	107.6
51	8/22/2009 2:46	14.08	47.32	30.79	9.33	8.05	9.2	3.64	109.7
52	8/22/2009 3:01	14.99	47.39	30.86	8.95	8.05	8.9	3.54	107.3
53	8/22/2009 3:16	15.40	47.66	31.07	8.77	8.15	7.7	3.43	106.1
54	8/22/2009 3:31	15.04	47.59	31.01	8.94	8.04	8.1	3.30	107.4
55	8/22/2009 3:46	15.33	47.62	31.03	8.85	8.03	7.7	3.16	106.8
56	8/22/2009 4:01	15.42	47.63	31.05	8.81	8.04	7.9	3.04	106.6
57	8/22/2009 4:16	16.01	47.76	31.15	8.48	8.13	8.1	2.92	103.9
58	8/22/2009 4:31	16.67	47.88	31.24	8.08	8.10	7.6	2.78	100.2
59	8/22/2009 4:46	17.17	47.75	31.16	7.78	8.09	7.7	2.66	97.5
60	8/22/2009 5:01	17.20	47.74	31.15	7.87	8.02	8.1	2.52	98.7
61	8/22/2009 5:16	17.55	47.84	31.23	7.52	8.00	8.5	2.37	95.0
62	8/22/2009 5:31	17.25	47.93	31.29	7.82	8.11	9.8	2.23	98.3
63	8/22/2009 5:46	16.87	47.79	31.18	7.80	8.10	8.2	2.08	97.2
64	8/22/2009 6:01	16.72	47.80	31.19	7.85	8.10	8.5	1.95	97.5
65	8/22/2009 6:16	16.90	47.87	31.24	7.80	8.10	8.4	1.81	97.2
66	8/22/2009 6:31	17.11	47.95	31.30	7.70	8.09	9.6	1.67	96.4
67	8/22/2009 6:46	17.43	47.91	31.27	7.59	8.09	9.5	1.55	95.7
68	8/22/2009 7:01	17.71	47.89	31.26	7.50	8.01	9.2	1.45	95.0
69	8/22/2009 7:16	17.85	47.91	31.28	7.41	8.00	8.2	1.36	94.2
70	8/22/2009 7:31	17.91	47.96	31.31	7.33	8.00	6.8	1.32	93.2
71	8/22/2009 7:46	18.16	48.05	31.38	7.33	8.00	6.1	1.28	93.7
72	8/22/2009 8:01	17.81	48.11	31.43	7.25	8.07	5.9	1.30	92.2
73	8/22/2009 8:16	18.30	48.05	31.38	7.35	8.01	5.7	1.34	94.2
74	8/22/2009 8:31	18.09	47.97	31.32	7.40	8.00	5.5	1.40	94.4
75	8/22/2009 8:46	18.63	48.03	31.37	7.39	8.08	6.1	1.49	95.4
76	8/22/2009 9:01	18.53	48.07	31.40	7.46	8.02	6.7	1.59	96.1
77	8/22/2009 9:16	18.45	48.01	31.35	7.43	8.02	8.1	1.70	95.5
78	8/22/2009 9:31	18.42	48.04	31.37	7.38	8.01	8.8	1.81	94.8
79	8/22/2009 9:46	18.12	48.06	31.39	7.43	8.09	8.5	1.92	94.9
80	8/22/2009 10:01	17.95	48.08	31.40	7.40	8.08	8.9	2.04	94.2
81	8/22/2009 10:16	17.93	48.01	31.35	7.41	8.08	8.3	2.15	94.3
82	8/22/2009 10:31	17.97	48.08	31.40	7.42	8.00	8.5	2.27	94.5
83	8/22/2009 10:46	17.90	47.99	31.33	7.47	8.00	10.6	2.39	95.1
84	8/22/2009 11:01	17.64	47.99	31.34	7.58	8.00	10.1	2.50	96.0
85	8/22/2009 11:16	17.46	47.78	31.18	7.68	8.00	10.8	2.60	96.8
86	8/22/2009 11:31	17.07	47.95	31.30	7.83	8.10	10.9	2.71	98.0
87	8/22/2009 11:46	16.93	47.79	31.19	7.93	8.10	12.7	2.83	98.9
88	8/22/2009 12:01	16.59	47.70	31.11	8.06	8.00	14.9	2.93	99.8
89	8/22/2009 12:16	16.04	47.58	31.02	8.30	8.00	14.4	3.04	101.6
90	8/22/2009 12:31	15.16	47.63	31.04	8.58	8.00	11.3	3.15	103.2
91	8/22/2009 12:46	14.59	47.68	31.06	8.71	8.13	12.5	3.26	103.6
92	8/22/2009 13:01	14.39	47.63	31.02	8.74	8.13	13.7	3.37	103.5
93	8/22/2009 13:16	13.88	47.55	30.95	8.69	7.98	12.0	3.46	101.8
94	8/22/2009 13:31	13.40	47.64	31.00	8.59	8.10	11.4	3.56	99.7
95	8/22/2009 13:46	13.01	47.66	31.00	8.58	8.10	8.8	3.65	98.8
96	8/22/2009 14:01	12.91	47.53	30.90	8.52	7.96	6.5	3.71	97.9
97	8/22/2009 14:16	12.75	47.57	30.93	8.59	8.10	4.2	3.76	98.4
98	8/22/2009 14:31	12.71	47.68	31.01	8.50	8.09	4.0	3.79	97.2
99	8/22/2009 14:46	13.21	47.48	30.88	8.58	8.10	4.1	3.80	99.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
100	8/22/2009 15:01	12.83	47.66	30.99	8.46	8.09	4.1	3.76	97.0
101	8/22/2009 15:16	12.80	47.43	30.83	8.41	8.09	8.7	3.71	96.3
102	8/22/2009 15:31	13.01	47.67	31.01	8.51	8.10	8.2	3.64	98.0
103	8/22/2009 15:46	14.03	47.70	31.06	8.81	8.13	11.4	3.52	103.6
104	8/22/2009 16:01	14.42	47.60	31.00	8.98	8.01	11.4	3.41	106.4
105	8/22/2009 16:16	14.93	47.62	31.03	8.78	8.01	14.3	3.28	105.2
106	8/22/2009 16:31	15.08	47.56	30.99	8.79	8.01	13.9	3.17	105.5
107	8/22/2009 16:46	15.42	47.68	31.08	8.83	8.02	12.1	3.04	106.9
108	8/22/2009 17:01	16.04	47.77	31.15	8.81	8.03	12.4	2.92	108.0
109	8/22/2009 17:16	16.69	47.80	31.19	8.81	8.15	11.2	2.81	109.4
110	8/22/2009 17:31	17.08	47.80	31.19	8.84	8.06	9.5	2.68	110.5
111	8/22/2009 17:46	17.23	47.80	31.20	8.87	8.06	9.0	2.55	111.3
112	8/22/2009 18:01	17.51	47.98	31.33	9.00	8.16	10.8	2.43	113.6
113	8/22/2009 18:16	17.45	47.66	31.09	9.12	8.08	9.7	2.32	114.8
114	8/22/2009 18:31	17.16	47.72	31.13	9.37	8.09	7.5	2.20	117.4
115	8/22/2009 18:46	17.00	47.81	31.20	9.32	8.08	7.6	2.07	116.5
116	8/22/2009 19:01	16.74	47.69	31.11	9.43	8.20	7.9	1.95	117.1
117	8/22/2009 19:16	17.14	47.80	31.19	9.27	8.08	8.1	1.84	116.1
118	8/22/2009 19:31	17.30	47.89	31.26	9.21	8.18	7.6	1.75	115.8
119	8/22/2009 19:46	17.53	47.90	31.27	9.14	8.09	7.0	1.66	115.3
120	8/22/2009 20:01	17.62	47.96	31.31	9.08	8.09	6.3	1.63	114.9
121	8/22/2009 20:16	18.25	48.13	31.44	8.97	8.18	6.4	1.58	114.9
122	8/22/2009 20:31	18.31	48.10	31.42	8.85	8.17	6.2	1.59	113.5
123	8/22/2009 20:46	17.95	47.85	31.23	8.93	8.09	5.4	1.62	113.6
124	8/22/2009 21:01	18.55	48.16	31.46	8.80	8.09	5.7	1.66	113.4
125	8/22/2009 21:16	18.52	48.14	31.45	8.74	8.17	6.2	1.73	112.5
126	8/22/2009 21:31	18.56	47.99	31.34	8.70	8.08	7.0	1.81	112.0
127	8/22/2009 21:46	18.50	48.15	31.45	8.57	8.06	8.1	1.92	110.3
128	8/22/2009 22:01	18.76	47.82	31.21	8.05	8.01	11.6	2.03	104.0
129	8/22/2009 22:16	18.51	48.02	31.36	8.12	8.02	10.3	2.11	104.5
130	8/22/2009 22:31	18.26	48.06	31.39	8.24	8.12	9.1	2.23	105.6
131	8/22/2009 22:46	18.16	47.94	31.30	8.29	8.02	8.7	2.34	106.0
132	8/22/2009 23:01	17.91	48.06	31.39	8.35	8.13	8.2	2.42	106.3
133	8/22/2009 23:16	17.62	47.87	31.24	8.23	8.01	7.7	2.52	104.0
134	8/22/2009 23:31	17.41	47.73	31.14	8.17	8.00	8.7	2.62	102.8
135	8/22/2009 23:46	17.13	47.90	31.26	8.16	8.11	8.7	2.72	102.2
136	8/23/2009 0:01	16.75	47.81	31.20	8.22	7.99	9.8	2.81	102.1
137	8/23/2009 0:16	16.51	47.72	31.13	8.26	7.99	9.5	2.89	102.1
138	8/23/2009 0:31	16.31	47.86	31.23	8.26	8.11	10.6	2.99	101.9
139	8/23/2009 0:46	15.95	47.74	31.14	8.29	8.11	10.3	3.08	101.3
140	8/23/2009 1:01	15.21	47.46	30.92	8.40	7.97	9.9	3.17	101.1
141	8/23/2009 1:16	14.76	47.77	31.13	8.45	8.11	9.8	3.25	100.9
142	8/23/2009 1:31	14.30	47.55	30.97	8.54	7.97	8.3	3.34	101.0
143	8/23/2009 1:46	14.13	47.66	31.04	8.57	8.10	7.7	3.41	101.0
144	8/23/2009 2:01	13.88	47.44	30.87	8.61	7.96	7.0	3.48	100.9
145	8/23/2009 2:16	13.51	47.56	30.94	8.53	7.95	4.8	3.54	99.2
146	8/23/2009 2:31	13.55	47.58	30.96	8.37	7.94	3.1	3.57	97.4
147	8/23/2009 2:46	13.64	47.80	31.12	8.04	8.06	2.4	3.58	93.9
148	8/23/2009 3:01	13.78	47.70	31.05	8.22	8.08	3.4	3.58	96.2
149	8/23/2009 3:16	13.31	47.57	30.95	8.26	7.93	3.9	3.53	95.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
150	8/23/2009 3:31	14.06	47.72	31.08	8.11	8.08	7.1	3.48	95.4
151	8/23/2009 3:46	14.31	47.60	31.00	8.27	8.09	10.2	3.40	97.8
152	8/23/2009 4:01	15.05	47.72	31.10	8.06	7.95	9.5	3.30	96.8
153	8/23/2009 4:16	15.13	47.66	31.06	8.03	8.08	8.8	3.19	96.6
154	8/23/2009 4:31	15.25	47.81	31.17	7.94	8.08	7.8	3.07	95.8
155	8/23/2009 4:46	15.65	47.78	31.16	7.80	7.95	8.0	2.96	94.9
156	8/23/2009 5:01	16.06	47.75	31.15	7.55	7.94	7.1	2.85	92.5
157	8/23/2009 5:16	16.40	47.98	31.32	7.36	8.05	6.9	2.73	91.0
158	8/23/2009 5:31	16.72	47.97	31.31	7.23	8.05	7.3	2.62	89.9
159	8/23/2009 5:46	16.79	47.92	31.28	7.16	8.05	7.1	2.50	89.1
160	8/23/2009 6:01	16.70	47.84	31.21	7.11	7.92	7.9	2.39	88.3
161	8/23/2009 6:16	16.67	47.82	31.20	7.23	7.93	7.6	2.27	89.7
162	8/23/2009 6:31	16.46	47.99	31.32	7.20	7.92	8.7	2.14	89.0
163	8/23/2009 6:46	16.43	47.90	31.25	7.22	7.93	8.4	2.04	89.2
164	8/23/2009 7:01	16.40	47.89	31.25	7.23	7.92	7.8	1.91	89.3
165	8/23/2009 7:16	16.41	47.88	31.24	7.22	7.92	8.0	1.80	89.2
166	8/23/2009 7:31	16.57	47.95	31.29	7.19	7.93	7.3	1.71	89.1
167	8/23/2009 7:46	16.79	48.06	31.38	7.11	8.04	6.3	1.62	88.6
168	8/23/2009 8:01	16.91	48.07	31.39	7.13	8.04	6.1	1.58	89.0
169	8/23/2009 8:16	17.11	48.11	31.42	7.11	8.05	5.8	1.52	89.1
170	8/23/2009 8:31	17.17	48.05	31.37	7.14	8.05	5.6	1.52	89.5
171	8/23/2009 8:46	17.09	47.83	31.21	7.10	7.94	5.6	1.56	88.9
172	8/23/2009 9:01	17.13	48.10	31.41	7.10	8.04	4.9	1.58	89.1
173	8/23/2009 9:16	17.25	48.12	31.42	7.14	8.05	5.1	1.63	89.7
174	8/23/2009 9:31	17.47	47.86	31.24	7.14	7.95	5.6	1.72	90.1
175	8/23/2009 9:46	17.49	48.17	31.46	7.12	8.06	7.4	1.83	89.9
176	8/23/2009 10:01	17.44	48.08	31.40	7.14	7.95	7.0	1.93	90.1
177	8/23/2009 10:16	17.31	48.06	31.38	7.19	7.94	6.8	2.02	90.4
178	8/23/2009 10:31	17.06	48.10	31.41	7.23	8.06	6.9	2.15	90.6
179	8/23/2009 10:46	17.06	47.83	31.21	7.26	7.94	7.1	2.25	90.8
180	8/23/2009 11:01	17.08	48.10	31.41	7.25	8.05	7.3	2.35	90.8
181	8/23/2009 11:16	17.06	48.05	31.37	7.27	8.06	8.2	2.46	91.0
182	8/23/2009 11:31	16.95	48.04	31.36	7.33	8.06	7.8	2.56	91.6
183	8/23/2009 11:46	16.84	47.86	31.24	7.48	8.06	9.1	2.67	93.1
184	8/23/2009 12:01	16.61	47.94	31.29	7.61	7.94	10.1	2.77	94.4
185	8/23/2009 12:16	16.33	47.75	31.15	7.72	7.94	9.8	2.87	95.2
186	8/23/2009 12:31	16.17	47.86	31.22	7.78	8.07	12.6	2.98	95.7
187	8/23/2009 12:46	15.65	47.84	31.20	7.97	8.08	12.5	3.08	96.9
188	8/23/2009 13:01	15.03	47.76	31.13	8.14	8.07	12.2	3.18	97.8
189	8/23/2009 13:16	14.40	47.77	31.12	8.22	8.07	12.8	3.29	97.5
190	8/23/2009 13:31	13.90	47.65	31.02	8.30	8.06	10.6	3.38	97.4
191	8/23/2009 13:46	13.76	47.69	31.04	8.25	8.05	12.9	3.49	96.5
192	8/23/2009 14:01	13.45	47.73	31.07	8.20	8.04	14.5	3.58	95.4
193	8/23/2009 14:16	13.05	47.54	30.91	8.11	7.88	11.3	3.66	93.4
194	8/23/2009 14:31	13.08	47.69	31.02	7.91	8.02	9.8	3.73	91.3
195	8/23/2009 14:46	12.52	47.77	31.06	7.93	7.99	4.8	3.78	90.4
196	8/23/2009 15:01	12.47	47.37	30.77	7.87	7.85	2.9	3.80	89.5
197	8/23/2009 15:16	13.02	47.68	31.02	8.04	7.87	4.9	3.82	92.6
198	8/23/2009 15:31	12.60	47.61	30.95	7.87	7.99	5.4	3.81	89.8
199	8/23/2009 15:46	12.56	47.55	30.90	7.79	7.98	7.9	3.75	88.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
200	8/23/2009 16:01	12.87	47.72	31.04	7.86	8.01	10.1	3.67	90.3
201	8/23/2009 16:16	14.07	47.73	31.09	8.39	8.06	15.3	3.58	98.7
202	8/23/2009 16:31	14.66	47.66	31.05	8.61	8.09	10.1	3.47	102.6
203	8/23/2009 16:46	15.03	47.81	31.17	8.72	8.09	11.0	3.35	104.7
204	8/23/2009 17:01	15.10	47.79	31.16	8.70	8.10	12.5	3.24	104.6
205	8/23/2009 17:16	15.20	47.55	30.99	8.80	8.11	11.3	3.11	105.9
206	8/23/2009 17:31	15.99	47.66	31.08	8.99	8.00	9.9	2.99	110.0
207	8/23/2009 17:46	16.48	47.83	31.21	9.07	8.14	10.9	2.87	112.1
208	8/23/2009 18:01	16.88	47.85	31.23	9.17	8.15	10.1	2.75	114.3
209	8/23/2009 18:16	17.25	47.89	31.26	9.25	8.16	8.8	2.64	116.1
210	8/23/2009 18:31	17.35	47.85	31.23	9.29	8.17	9.2	2.51	116.9
211	8/23/2009 18:46	17.38	47.95	31.31	9.41	8.18	9.7	2.39	118.5
212	8/23/2009 19:01	17.34	47.73	31.15	9.66	8.19	8.7	2.27	121.5
213	8/23/2009 19:16	17.14	47.89	31.25	9.73	8.19	7.6	2.14	121.9
214	8/23/2009 19:31	16.69	47.83	31.21	9.66	8.18	8.1	2.01	120.0
215	8/23/2009 19:46	16.91	47.86	31.24	9.49	8.18	7.8	1.90	118.3
216	8/23/2009 20:01	17.22	47.83	31.21	9.33	8.17	7.4	1.78	117.1
217	8/23/2009 20:16	17.29	47.95	31.30	9.25	8.17	7.1	1.68	116.3
218	8/23/2009 20:31	17.40	48.02	31.36	9.15	8.17	6.3	1.63	115.3
219	8/23/2009 20:46	17.85	47.88	31.26	9.19	8.07	6.3	1.56	116.7
220	8/23/2009 21:01	18.05	47.89	31.26	9.15	8.07	6.3	1.54	116.6
221	8/23/2009 21:16	18.43	48.13	31.44	9.24	8.18	5.4	1.54	118.8
222	8/23/2009 21:31	18.35	48.06	31.39	9.05	8.18	5.4	1.55	116.1
223	8/23/2009 21:46	18.50	47.97	31.32	9.32	8.09	5.5	1.61	119.9
224	8/23/2009 22:01	18.44	48.15	31.46	9.21	8.18	6.0	1.66	118.5
225	8/23/2009 22:16	18.48	48.17	31.47	9.21	8.18	6.6	1.74	118.5
226	8/23/2009 22:31	18.38	48.15	31.45	9.20	8.18	6.7	1.85	118.1
227	8/23/2009 22:46	18.82	47.91	31.28	8.29	8.01	11.0	1.94	107.3
228	8/23/2009 23:01	18.76	48.11	31.43	8.21	8.00	10.5	2.03	106.2
229	8/23/2009 23:16	18.44	47.98	31.33	8.44	8.12	9.2	2.13	108.5
230	8/23/2009 23:31	18.25	48.05	31.38	8.56	8.13	8.2	2.21	109.6
231	8/23/2009 23:46	18.21	47.81	31.21	8.59	8.13	7.3	2.30	109.8
232	8/24/2009 0:01	17.88	47.74	31.15	8.59	8.01	7.3	2.39	109.1
233	8/24/2009 0:16	17.63	47.77	31.17	8.41	8.11	7.1	2.48	106.2
234	8/24/2009 0:31	17.50	47.82	31.21	8.28	8.10	7.3	2.56	104.4
235	8/24/2009 0:46	17.27	47.88	31.25	8.18	8.10	7.6	2.64	102.8
236	8/24/2009 1:01	16.89	47.64	31.08	8.18	8.09	7.8	2.72	101.8
237	8/24/2009 1:16	16.55	47.57	31.02	8.21	8.09	7.3	2.81	101.5
238	8/24/2009 1:31	16.43	47.73	31.14	8.18	7.95	8.2	2.89	101.1
239	8/24/2009 1:46	16.21	47.67	31.09	8.16	8.08	8.3	2.96	100.4
240	8/24/2009 2:01	15.90	47.69	31.10	8.15	8.07	8.1	3.04	99.5
241	8/24/2009 2:16	15.62	47.53	30.97	8.13	8.07	8.2	3.11	98.7
242	8/24/2009 2:31	14.88	47.60	31.01	8.16	8.05	7.1	3.18	97.6
243	8/24/2009 2:46	14.62	47.34	30.82	8.09	8.04	5.9	3.24	96.2
244	8/24/2009 3:01	14.53	47.53	30.95	8.07	7.90	5.6	3.29	95.8
245	8/24/2009 3:16	14.44	47.33	30.81	8.03	7.90	4.0	3.34	95.1
246	8/24/2009 3:31	14.25	47.63	31.02	7.98	8.03	3.2	3.37	94.3
247	8/24/2009 3:46	14.50	47.72	31.09	7.93	7.96	3.3	3.37	94.2
248	8/24/2009 4:01	14.32	47.60	31.00	7.90	7.95	4.5	3.35	93.4
249	8/24/2009 4:16	14.22	47.61	31.00	7.92	7.89	3.9	3.31	93.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
250	8/24/2009 4:31	14.67	47.58	30.99	7.86	7.90	7.0	3.25	93.6
251	8/24/2009 4:46	15.46	47.83	31.19	7.78	8.05	7.6	3.17	94.2
252	8/24/2009 5:01	15.56	47.68	31.09	7.76	7.91	7.5	3.08	94.2
253	8/24/2009 5:16	15.69	47.93	31.27	7.61	8.05	7.9	2.97	92.6
254	8/24/2009 5:31	16.00	47.88	31.24	7.55	8.04	6.6	2.88	92.4
255	8/24/2009 5:46	16.28	47.92	31.27	7.45	7.91	6.7	2.77	91.9
256	8/24/2009 6:01	16.50	48.09	31.40	7.25	8.03	6.4	2.67	89.8
257	8/24/2009 6:16	16.64	48.01	31.34	7.17	8.03	6.9	2.58	89.0
258	8/24/2009 6:31	16.70	47.88	31.25	7.15	7.90	7.0	2.48	88.8
259	8/24/2009 6:46	16.63	48.02	31.35	7.09	8.03	6.8	2.39	88.0
260	8/24/2009 7:01	16.57	47.96	31.30	7.14	7.89	7.2	2.29	88.5
261	8/24/2009 7:16	16.33	47.82	31.20	7.23	7.89	6.8	2.20	89.1
262	8/24/2009 7:31	16.37	47.74	31.14	7.19	7.89	5.7	2.11	88.7
263	8/24/2009 7:46	16.41	47.82	31.20	7.23	7.90	5.4	2.02	89.2
264	8/24/2009 8:01	16.44	47.81	31.19	7.25	7.90	5.2	1.94	89.5
265	8/24/2009 8:16	16.59	47.87	31.24	7.26	7.90	4.8	1.88	90.0
266	8/24/2009 8:31	16.72	47.92	31.28	7.29	7.91	4.6	1.82	90.7
267	8/24/2009 8:46	16.90	48.04	31.36	7.29	8.04	4.3	1.80	91.0
268	8/24/2009 9:01	17.17	48.05	31.38	7.30	8.05	4.6	1.79	91.5
269	8/24/2009 9:16	17.18	48.06	31.38	7.14	8.05	3.7	1.79	89.6
270	8/24/2009 9:31	17.17	48.13	31.43	7.30	8.05	4.2	1.82	91.6
271	8/24/2009 9:46	17.12	48.01	31.35	7.32	8.05	4.2	1.87	91.7
272	8/24/2009 10:01	17.28	48.07	31.39	7.35	8.06	4.5	1.94	92.4
273	8/24/2009 10:16	17.26	48.02	31.36	7.36	8.06	5.4	2.01	92.5
274	8/24/2009 10:31	17.26	48.12	31.43	7.37	8.06	5.7	2.11	92.6
275	8/24/2009 10:46	17.21	47.99	31.33	7.43	8.06	5.7	2.20	93.2
276	8/24/2009 11:01	17.17	48.06	31.38	7.40	8.06	6.1	2.29	92.8
277	8/24/2009 11:16	16.99	48.02	31.35	7.39	8.05	5.5	2.38	92.4
278	8/24/2009 11:31	16.97	48.01	31.35	7.42	8.05	5.4	2.47	92.8
279	8/24/2009 11:46	16.90	47.90	31.26	7.49	8.06	5.6	2.56	93.4
280	8/24/2009 12:01	16.81	47.86	31.23	7.54	8.06	6.5	2.65	93.8
281	8/24/2009 12:16	16.70	47.81	31.19	7.60	8.06	7.1	2.74	94.4
282	8/24/2009 12:31	16.57	47.72	31.13	7.70	7.92	7.6	2.85	95.4
283	8/24/2009 12:46	16.19	47.91	31.26	7.74	8.05	8.1	2.93	95.2
284	8/24/2009 13:01	15.94	47.83	31.20	7.79	8.05	8.5	3.02	95.3
285	8/24/2009 13:16	15.56	47.83	31.19	7.83	8.04	11.5	3.13	95.1
286	8/24/2009 13:31	14.96	47.81	31.17	7.87	8.03	11.0	3.22	94.4
287	8/24/2009 13:46	14.59	47.61	31.02	7.89	8.02	10.3	3.31	93.8
288	8/24/2009 14:01	13.87	47.70	31.06	7.82	8.00	10.1	3.42	91.7
289	8/24/2009 14:16	13.59	47.66	31.02	7.77	8.00	9.6	3.51	90.5
290	8/24/2009 14:31	13.24	47.55	30.93	7.74	7.99	9.2	3.59	89.5
291	8/24/2009 14:46	13.16	47.41	30.83	7.72	7.84	8.3	3.66	89.1
292	8/24/2009 15:01	12.94	47.71	31.03	7.59	7.97	6.4	3.73	87.3
293	8/24/2009 15:16	12.93	47.51	30.89	7.63	7.98	5.7	3.78	87.6
294	8/24/2009 15:31	12.56	47.75	31.05	7.53	7.96	2.3	3.81	85.9
295	8/24/2009 15:46	13.25	47.44	30.85	7.75	7.99	4.0	3.82	89.6
296	8/24/2009 16:01	12.91	47.73	31.05	7.49	7.97	3.8	3.81	86.1
297	8/24/2009 16:16	12.76	47.66	30.99	7.45	7.96	5.2	3.78	85.4
298	8/24/2009 16:31	12.94	47.64	30.99	7.50	7.97	9.7	3.70	86.2
299	8/24/2009 16:46	13.97	47.72	31.08	8.03	8.02	9.3	3.62	94.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
300	8/24/2009 17:01	14.41	47.69	31.07	8.34	8.04	8.1	3.53	98.8
301	8/24/2009 17:16	15.12	47.77	31.14	8.45	8.07	7.1	3.42	101.6
302	8/24/2009 17:31	15.17	47.88	31.22	8.52	8.08	8.5	3.31	102.6
303	8/24/2009 17:46	15.28	47.89	31.23	8.62	8.00	7.0	3.20	104.1
304	8/24/2009 18:01	15.59	47.51	30.96	8.80	8.10	6.7	3.07	106.7
305	8/24/2009 18:16	16.08	47.75	31.15	8.90	8.11	7.3	2.98	109.1
306	8/24/2009 18:31	16.59	47.74	31.14	9.05	8.13	6.3	2.86	112.1
307	8/24/2009 18:46	16.92	47.88	31.25	9.30	8.15	7.0	2.74	116.1
308	8/24/2009 19:01	17.00	47.95	31.30	9.32	8.15	7.3	2.63	116.5
309	8/24/2009 19:16	17.27	47.92	31.28	9.39	8.17	8.1	2.50	118.0
310	8/24/2009 19:31	17.27	47.92	31.28	9.46	8.17	9.1	2.39	118.8
311	8/24/2009 19:46	17.05	47.95	31.30	9.95	8.19	6.6	2.29	124.4
312	8/24/2009 20:01	16.94	47.86	31.24	9.68	8.18	6.8	2.16	120.8
313	8/24/2009 20:16	16.89	47.92	31.28	9.43	8.16	7.8	2.04	117.6
314	8/24/2009 20:31	16.91	47.92	31.28	9.27	8.16	7.6	1.92	115.7
315	8/24/2009 20:46	16.96	47.98	31.32	9.13	8.15	7.6	1.82	114.0
316	8/24/2009 21:01	17.18	47.93	31.28	9.07	8.15	7.8	1.72	113.7
317	8/24/2009 21:16	17.29	47.99	31.34	8.89	8.14	8.0	1.65	111.8
318	8/24/2009 21:31	17.72	48.08	31.40	9.03	8.16	6.6	1.60	114.4
319	8/24/2009 21:46	17.81	48.04	31.37	8.95	8.15	6.0	1.58	113.6
320	8/24/2009 22:01	18.00	48.08	31.40	8.97	8.16	4.8	1.55	114.4
321	8/24/2009 22:16	18.23	48.10	31.42	9.11	8.18	4.6	1.56	116.6
322	8/24/2009 22:31	18.17	48.02	31.36	9.26	8.18	4.8	1.61	118.3
323	8/24/2009 22:46	18.07	47.99	31.34	9.26	8.18	4.6	1.65	118.2
324	8/24/2009 23:01	18.28	47.84	31.23	9.43	8.07	5.4	1.72	120.7
325	8/24/2009 23:16	18.21	48.06	31.39	9.39	8.19	5.6	1.80	120.2
326	8/24/2009 23:31	18.41	48.12	31.43	8.86	8.15	7.9	1.89	113.9
327	8/24/2009 23:46	18.56	48.11	31.42	8.43	8.11	9.2	1.98	108.6
328	8/25/2009 0:01	18.39	48.08	31.40	8.60	8.13	8.7	2.06	110.4
329	8/25/2009 0:16	18.10	47.99	31.34	8.72	8.13	8.0	2.13	111.4
330	8/25/2009 0:31	17.96	48.01	31.35	8.79	8.14	7.1	2.22	111.9
331	8/25/2009 0:46	17.93	47.94	31.30	8.79	8.14	7.1	2.30	111.8
332	8/25/2009 1:01	17.65	47.98	31.33	8.73	8.00	6.6	2.36	110.5
333	8/25/2009 1:16	17.47	47.85	31.24	8.51	8.11	6.4	2.44	107.3
334	8/25/2009 1:31	17.33	47.93	31.29	8.31	8.10	7.2	2.53	104.5
335	8/25/2009 1:46	17.20	47.92	31.28	8.19	8.09	6.2	2.60	102.7
336	8/25/2009 2:01	17.06	47.83	31.21	8.10	8.08	6.1	2.66	101.3
337	8/25/2009 2:16	16.79	47.85	31.23	8.06	8.07	5.1	2.74	100.2
338	8/25/2009 2:31	16.55	47.82	31.20	8.04	8.07	5.2	2.82	99.6
339	8/25/2009 2:46	16.46	47.93	31.28	8.01	8.06	5.4	2.88	99.0
340	8/25/2009 3:01	16.35	47.78	31.17	7.97	8.06	5.1	2.94	98.3
341	8/25/2009 3:16	16.02	47.64	31.06	7.97	7.91	4.8	3.01	97.5
342	8/25/2009 3:31	15.84	47.74	31.14	7.92	8.05	5.7	3.06	96.7
343	8/25/2009 3:46	15.44	47.69	31.09	7.91	8.04	4.0	3.10	95.7
344	8/25/2009 4:01	15.26	47.87	31.21	7.87	8.03	3.6	3.14	95.0
345	8/25/2009 4:16	15.04	47.72	31.11	7.81	8.02	3.5	3.17	93.8
346	8/25/2009 4:31	15.34	47.51	30.96	7.66	8.03	3.1	3.19	92.4
347	8/25/2009 4:46	15.26	47.77	31.15	7.63	8.02	2.6	3.19	92.1
348	8/25/2009 5:01	14.86	47.80	31.16	7.61	8.01	3.1	3.16	91.2
349	8/25/2009 5:16	15.08	47.72	31.10	7.62	8.02	3.3	3.13	91.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
350	8/25/2009 5:31	15.46	47.74	31.13	7.58	8.03	4.5	3.08	91.9
351	8/25/2009 5:46	16.00	47.84	31.20	7.55	8.03	5.8	3.01	92.5
352	8/25/2009 6:01	16.24	47.92	31.27	7.53	8.04	5.8	2.93	92.7
353	8/25/2009 6:16	16.36	48.00	31.33	7.45	8.03	6.2	2.85	92.0
354	8/25/2009 6:31	16.42	48.00	31.33	7.39	8.02	6.2	2.77	91.4
355	8/25/2009 6:46	16.41	47.87	31.23	7.39	8.02	5.6	2.69	91.2
356	8/25/2009 7:01	16.41	47.87	31.23	7.29	8.02	5.6	2.60	90.0
357	8/25/2009 7:16	16.58	47.91	31.27	7.19	8.01	5.5	2.53	89.1
358	8/25/2009 7:31	16.61	47.94	31.29	7.15	8.01	5.1	2.46	88.6
359	8/25/2009 7:46	16.65	47.95	31.30	7.19	8.02	5.5	2.39	89.3
360	8/25/2009 8:01	16.66	47.91	31.27	7.30	8.03	5.3	2.31	90.6
361	8/25/2009 8:16	16.67	47.93	31.28	7.23	8.02	4.8	2.25	89.8
362	8/25/2009 8:31	16.72	47.97	31.31	7.29	8.03	4.8	2.20	90.6
363	8/25/2009 8:46	16.85	47.86	31.24	7.29	7.89	4.5	2.14	90.7
364	8/25/2009 9:01	16.91	47.97	31.31	7.36	8.04	4.0	2.09	91.8
365	8/25/2009 9:16	17.08	47.98	31.32	7.43	8.04	4.1	2.08	93.0
366	8/25/2009 9:31	17.27	47.90	31.26	7.47	8.06	3.8	2.06	93.8
367	8/25/2009 9:46	17.44	47.94	31.30	7.37	8.06	3.5	2.05	92.8
368	8/25/2009 10:01	17.30	48.04	31.37	7.36	8.06	3.5	2.06	92.6
369	8/25/2009 10:16	17.38	47.97	31.32	7.49	8.06	3.7	2.10	94.3
370	8/25/2009 10:31	17.43	47.95	31.31	7.50	7.93	3.9	2.14	94.5
371	8/25/2009 10:46	17.42	47.97	31.32	7.50	7.94	4.4	2.20	94.5
372	8/25/2009 11:01	17.39	47.98	31.33	7.51	8.06	4.5	2.26	94.6
373	8/25/2009 11:16	17.36	48.05	31.38	7.53	8.06	4.5	2.32	94.8
374	8/25/2009 11:31	17.23	48.05	31.38	7.48	8.05	4.5	2.41	94.0
375	8/25/2009 11:46	17.17	47.98	31.33	7.44	8.05	4.5	2.47	93.3
376	8/25/2009 12:01	17.10	47.87	31.24	7.43	8.04	4.3	2.54	92.9
377	8/25/2009 12:16	16.92	47.96	31.31	7.41	8.04	5.0	2.62	92.5
378	8/25/2009 12:31	16.70	47.96	31.30	7.51	8.04	5.3	2.70	93.4
379	8/25/2009 12:46	16.51	47.88	31.24	7.63	8.04	5.1	2.77	94.5
380	8/25/2009 13:01	16.42	47.94	31.29	7.68	8.04	5.4	2.85	94.9
381	8/25/2009 13:16	16.29	47.88	31.24	7.73	8.04	6.0	2.93	95.2
382	8/25/2009 13:31	16.14	47.92	31.27	7.74	8.04	5.7	3.01	95.1
383	8/25/2009 13:46	15.80	47.79	31.17	7.75	8.03	6.0	3.10	94.6
384	8/25/2009 14:01	15.58	47.80	31.17	7.76	8.02	6.6	3.18	94.3
385	8/25/2009 14:16	14.96	47.78	31.14	7.70	8.01	9.7	3.27	92.4
386	8/25/2009 14:31	14.70	47.70	31.08	7.65	8.00	9.1	3.35	91.2
387	8/25/2009 14:46	14.15	47.63	31.01	7.62	7.98	8.2	3.44	89.8
388	8/25/2009 15:01	13.72	47.72	31.07	7.57	7.97	7.0	3.51	88.4
389	8/25/2009 15:16	13.36	47.58	30.96	7.54	7.96	5.6	3.58	87.4
390	8/25/2009 15:31	13.25	47.56	30.94	7.56	7.96	4.2	3.63	87.5
391	8/25/2009 15:46	13.10	47.61	30.97	7.53	7.96	3.2	3.69	86.9
392	8/25/2009 16:01	13.01	47.66	31.00	7.50	7.96	2.4	3.72	86.3
393	8/25/2009 16:16	13.03	47.71	31.04	7.41	7.96	2.8	3.73	85.4
394	8/25/2009 16:31	13.37	47.57	30.95	7.46	7.96	2.2	3.75	86.5
395	8/25/2009 16:46	13.13	47.52	30.90	7.38	7.81	2.4	3.72	85.1
396	8/25/2009 17:01	13.11	47.47	30.87	7.34	7.81	2.8	3.67	84.6
397	8/25/2009 17:16	13.44	47.47	30.88	7.40	7.97	4.3	3.61	85.9
398	8/25/2009 17:31	14.59	47.44	30.89	7.91	8.02	6.7	3.54	94.1
399	8/25/2009 17:46	15.26	47.64	31.05	8.22	8.04	9.0	3.46	99.1

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
400	8/25/2009 18:01	15.68	47.71	31.11	8.49	8.07	7.6	3.36	103.3
401	8/25/2009 18:16	15.81	47.73	31.12	8.54	8.08	7.1	3.26	104.2
402	8/25/2009 18:31	15.85	47.76	31.14	8.67	8.09	6.7	3.16	105.9
403	8/25/2009 18:46	16.01	47.72	31.12	8.74	8.09	6.3	3.06	107.0
404	8/25/2009 19:01	16.48	47.77	31.17	8.92	8.12	5.6	2.97	110.3
405	8/25/2009 19:16	16.79	47.90	31.26	9.02	8.13	6.4	2.86	112.2
406	8/25/2009 19:31	17.00	47.88	31.25	9.14	8.13	6.1	2.75	114.2
407	8/25/2009 19:46	17.23	47.74	31.15	9.34	8.15	6.4	2.66	117.2
408	8/25/2009 20:01	17.31	47.81	31.20	9.60	8.17	6.7	2.54	120.7
409	8/25/2009 20:16	17.35	47.76	31.16	9.45	8.16	7.0	2.45	118.8
410	8/25/2009 20:31	17.02	47.80	31.19	9.60	8.17	6.0	2.33	120.0
411	8/25/2009 20:46	17.07	47.79	31.19	9.30	8.15	6.7	2.22	116.3
412	8/25/2009 21:01	17.09	47.80	31.19	9.11	8.14	6.8	2.12	113.9
413	8/25/2009 21:16	17.04	47.83	31.21	8.97	8.13	6.4	2.01	112.2
414	8/25/2009 21:31	17.27	47.89	31.26	8.85	8.13	6.1	1.91	111.1
415	8/25/2009 21:46	17.43	47.88	31.25	8.89	8.13	5.9	1.82	112.0
416	8/25/2009 22:01	17.70	48.02	31.36	8.92	8.14	5.4	1.75	113.0
417	8/25/2009 22:16	17.92	47.81	31.21	8.96	8.15	5.3	1.67	114.0
418	8/25/2009 22:31	18.09	47.87	31.25	8.99	8.15	5.0	1.65	114.7
419	8/25/2009 22:46	18.32	48.07	31.39	9.09	8.16	4.7	1.62	116.6
420	8/25/2009 23:01	18.49	48.01	31.35	9.25	8.18	4.6	1.62	119.0
421	8/25/2009 23:16	18.30	48.09	31.41	9.07	8.17	4.5	1.64	116.3
422	8/25/2009 23:31	18.49	48.06	31.39	9.39	8.19	4.1	1.68	120.9
423	8/25/2009 23:46	18.46	48.09	31.41	9.39	8.19	4.4	1.71	120.8
424	8/26/2009 0:01	18.53	48.02	31.36	9.51	8.19	5.6	1.79	122.4
425	8/26/2009 0:16	18.43	48.10	31.42	9.48	8.19	5.2	1.85	121.8
426	8/26/2009 0:31	18.68	48.12	31.43	8.83	8.14	7.4	1.91	114.1
427	8/26/2009 0:46	18.84	48.17	31.47	8.44	8.11	9.0	1.99	109.4
428	8/26/2009 1:01	18.63	48.07	31.40	8.70	8.13	7.8	2.06	112.2
429	8/26/2009 1:16	18.34	47.99	31.34	8.85	8.14	6.6	2.13	113.5
430	8/26/2009 1:31	18.21	48.05	31.38	8.83	8.14	6.2	2.19	112.9
431	8/26/2009 1:46	18.13	47.95	31.31	8.82	8.14	6.6	2.28	112.7
432	8/26/2009 2:01	18.08	48.00	31.35	8.81	8.13	7.0	2.33	112.5
433	8/26/2009 2:16	17.79	47.87	31.25	8.70	8.12	5.6	2.40	110.3
434	8/26/2009 2:31	17.57	48.01	31.35	8.44	8.10	5.5	2.46	106.7
435	8/26/2009 2:46	17.48	47.93	31.29	8.28	8.09	5.9	2.53	104.5
436	8/26/2009 3:01	17.39	47.98	31.33	8.13	8.08	5.7	2.59	102.4
437	8/26/2009 3:16	17.25	48.01	31.35	8.08	8.07	5.6	2.66	101.6
438	8/26/2009 3:31	17.05	47.87	31.24	8.02	8.06	4.8	2.71	100.3
439	8/26/2009 3:46	16.91	47.93	31.28	7.97	8.06	4.6	2.77	99.4
440	8/26/2009 4:01	16.74	47.88	31.25	7.94	8.05	4.6	2.83	98.7
441	8/26/2009 4:16	16.58	47.92	31.28	7.88	8.05	4.1	2.88	97.6
442	8/26/2009 4:31	16.37	47.88	31.24	7.85	8.04	3.8	2.93	96.8
443	8/26/2009 4:46	16.17	47.67	31.09	7.81	8.04	3.5	2.96	96.0
444	8/26/2009 5:01	16.01	47.83	31.20	7.75	8.03	3.5	3.00	94.9
445	8/26/2009 5:16	15.91	47.82	31.19	7.73	8.03	3.1	3.02	94.5
446	8/26/2009 5:31	15.82	47.61	31.04	7.60	7.89	3.0	3.05	92.6
447	8/26/2009 5:46	16.02	47.76	31.15	7.59	8.02	3.2	3.05	93.0
448	8/26/2009 6:01	15.78	47.84	31.20	7.52	8.01	3.3	3.04	91.7
449	8/26/2009 6:16	15.71	47.60	31.03	7.57	7.87	3.7	3.02	92.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
450	8/26/2009 6:31	15.87	47.83	31.20	7.56	8.02	5.7	2.97	92.4
451	8/26/2009 6:46	16.14	47.84	31.21	7.55	8.02	4.0	2.94	92.8
452	8/26/2009 7:01	16.58	47.77	31.16	7.55	8.03	5.7	2.87	93.5
453	8/26/2009 7:16	16.81	47.83	31.21	7.37	7.89	6.2	2.81	91.7
454	8/26/2009 7:31	16.86	47.82	31.20	7.26	7.88	6.0	2.76	90.4
455	8/26/2009 7:46	16.86	47.93	31.28	7.13	8.00	5.4	2.70	88.9
456	8/26/2009 8:01	16.76	47.85	31.23	7.05	7.99	5.0	2.63	87.6
457	8/26/2009 8:16	16.97	47.87	31.24	7.21	8.01	4.9	2.57	90.0
458	8/26/2009 8:31	17.03	47.99	31.33	7.24	8.01	4.6	2.56	90.6
459	8/26/2009 8:46	17.13	47.94	31.29	7.18	8.01	4.4	2.49	90.0
460	8/26/2009 9:01	17.18	47.94	31.29	7.30	8.02	4.3	2.45	91.5
461	8/26/2009 9:16	17.29	47.96	31.31	7.36	8.03	4.0	2.40	92.5
462	8/26/2009 9:31	17.37	48.05	31.38	7.47	8.03	4.2	2.36	94.0
463	8/26/2009 9:46	17.54	47.94	31.30	7.60	8.05	3.9	2.37	96.0
464	8/26/2009 10:01	17.66	47.95	31.31	7.64	8.06	3.8	2.31	96.7
465	8/26/2009 10:16	17.72	47.95	31.30	7.71	8.06	3.4	2.30	97.7
466	8/26/2009 10:31	17.79	47.96	31.31	7.61	7.93	3.4	2.30	96.5
467	8/26/2009 10:46	17.78	48.00	31.34	7.71	8.06	3.5	2.33	97.8
468	8/26/2009 11:01	17.71	47.76	31.17	7.61	8.05	3.6	2.34	96.3
469	8/26/2009 11:16	17.64	47.97	31.32	7.53	8.05	4.0	2.35	95.3
470	8/26/2009 11:31	17.61	48.05	31.38	7.51	8.04	4.0	2.41	95.1
471	8/26/2009 11:46	17.54	47.96	31.31	7.47	8.04	5.4	2.46	94.3
472	8/26/2009 12:01	17.49	47.84	31.22	7.41	7.90	4.9	2.52	93.5
473	8/26/2009 12:16	17.37	47.95	31.30	7.40	8.03	5.1	2.57	93.1
474	8/26/2009 12:31	17.32	47.94	31.30	7.48	8.03	4.6	2.63	94.0
475	8/26/2009 12:46	17.18	47.86	31.24	7.51	8.03	4.6	2.69	94.1
476	8/26/2009 13:01	17.04	47.85	31.23	7.60	8.04	4.5	2.74	95.0
477	8/26/2009 13:16	16.85	47.93	31.29	7.65	8.04	4.6	2.82	95.3
478	8/26/2009 13:31	16.63	47.85	31.22	7.68	8.03	4.6	2.88	95.3
479	8/26/2009 13:46	16.36	47.72	31.13	7.72	7.89	4.2	2.95	95.2
480	8/26/2009 14:01	16.07	47.88	31.24	7.70	8.02	4.0	3.03	94.5
481	8/26/2009 14:16	15.92	47.78	31.16	7.71	8.02	4.0	3.07	94.3
482	8/26/2009 14:31	15.48	47.78	31.15	7.63	8.00	4.1	3.17	92.5
483	8/26/2009 14:46	15.13	47.55	30.98	7.59	7.99	4.2	3.24	91.3
484	8/26/2009 15:01	14.94	47.77	31.14	7.63	7.98	4.4	3.30	91.5
485	8/26/2009 15:16	14.81	47.70	31.08	7.66	7.98	4.6	3.36	91.6
486	8/26/2009 15:31	14.30	47.71	31.07	7.75	7.97	4.7	3.44	91.7
487	8/26/2009 15:46	14.02	47.63	31.01	7.82	7.84	4.1	3.49	91.9
488	8/26/2009 16:01	13.80	47.78	31.11	7.83	7.96	3.7	3.54	91.7
489	8/26/2009 16:16	13.74	47.64	31.01	7.82	7.96	2.9	3.60	91.4
490	8/26/2009 16:31	13.67	47.73	31.07	7.85	7.96	2.6	3.64	91.6
491	8/26/2009 16:46	13.54	47.64	31.01	7.82	7.96	2.0	3.65	91.0
492	8/26/2009 17:01	13.96	47.62	31.00	7.87	7.98	2.2	3.66	92.4
493	8/26/2009 17:16	13.74	47.64	31.01	7.73	7.96	2.0	3.66	90.4
494	8/26/2009 17:31	13.62	47.66	31.02	7.73	7.95	2.1	3.65	90.2
495	8/26/2009 17:46	13.61	47.66	31.02	7.71	7.95	2.9	3.60	89.9
496	8/26/2009 18:01	13.89	47.77	31.11	7.72	7.96	3.4	3.55	90.6
497	8/26/2009 18:16	14.68	47.65	31.05	8.00	8.00	4.2	3.50	95.4
498	8/26/2009 18:31	15.30	47.70	31.10	8.22	8.03	4.9	3.42	99.2
499	8/26/2009 18:46	16.34	47.85	31.22	8.78	8.09	5.9	3.34	108.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
500	8/26/2009 19:01	16.31	47.88	31.24	8.90	8.09	5.6	3.26	109.7
501	8/26/2009 19:16	16.43	47.71	31.12	8.96	8.10	4.6	3.18	110.6
502	8/26/2009 19:31	16.50	47.75	31.15	8.96	7.97	5.0	3.09	110.7
503	8/26/2009 19:46	16.70	47.81	31.19	9.10	8.12	5.0	3.01	113.0
504	8/26/2009 20:01	16.98	47.80	31.19	9.18	8.13	5.4	2.91	114.6
505	8/26/2009 20:16	17.26	47.80	31.19	9.43	8.15	5.5	2.83	118.4
506	8/26/2009 20:31	17.42	47.92	31.28	9.51	8.16	5.3	2.74	119.8
507	8/26/2009 20:46	17.51	47.85	31.23	9.81	8.17	5.5	2.62	123.7
508	8/26/2009 21:01	17.45	47.73	31.15	9.83	8.17	5.6	2.54	123.8
509	8/26/2009 21:16	17.34	47.76	31.16	9.75	8.17	5.6	2.43	122.6
510	8/26/2009 21:31	17.44	48.02	31.36	9.59	8.16	5.9	2.33	121.0
511	8/26/2009 21:46	17.49	47.76	31.16	9.50	8.16	6.0	2.24	119.7
512	8/26/2009 22:01	17.59	48.01	31.35	9.25	8.15	6.2	2.13	116.9
513	8/26/2009 22:16	17.70	47.86	31.24	9.13	8.01	5.9	2.04	115.6
514	8/26/2009 22:31	17.91	48.02	31.36	9.09	8.15	5.4	1.95	115.6
515	8/26/2009 22:46	18.31	48.05	31.38	9.22	8.17	5.6	1.88	118.1
516	8/26/2009 23:01	18.28	48.06	31.39	9.12	8.16	5.0	1.80	116.9
517	8/26/2009 23:16	18.55	48.10	31.42	9.25	8.17	4.5	1.75	119.2
518	8/26/2009 23:31	18.86	48.04	31.38	9.42	8.19	4.2	1.69	122.0
519	8/26/2009 23:46	18.99	47.94	31.30	9.45	8.08	3.7	1.68	122.7
520	8/27/2009 0:01	19.07	48.14	31.45	9.55	8.20	4.0	1.70	124.3
521	8/27/2009 0:16	19.02	48.15	31.45	9.49	8.20	4.0	1.69	123.4
522	8/27/2009 0:31	19.04	48.21	31.50	9.62	8.20	3.8	1.71	125.1
523	8/27/2009 0:46	18.93	48.12	31.43	9.55	8.20	4.8	1.76	123.9
524	8/27/2009 1:01	18.88	47.88	31.26	9.60	8.07	4.3	1.81	124.3
525	8/27/2009 1:16	18.87	47.93	31.29	9.60	8.07	5.4	1.84	124.4
526	8/27/2009 1:31	18.83	48.04	31.38	9.54	8.07	5.7	1.92	123.5
527	8/27/2009 1:46	19.18	47.97	31.33	8.83	8.02	6.5	1.98	115.1
528	8/27/2009 2:01	19.28	47.95	31.31	8.54	8.13	8.4	2.03	111.5
529	8/27/2009 2:16	19.03	48.14	31.45	8.74	8.14	8.7	2.08	113.7
530	8/27/2009 2:31	18.98	48.06	31.39	8.80	8.14	7.8	2.16	114.3
531	8/27/2009 2:46	18.72	48.12	31.43	8.99	8.15	6.7	2.22	116.2
532	8/27/2009 3:01	18.63	48.09	31.41	8.93	8.15	7.7	2.26	115.2
533	8/27/2009 3:16	18.53	48.06	31.39	8.97	8.15	6.2	2.33	115.5
534	8/27/2009 3:31	18.35	47.83	31.22	8.98	8.14	5.9	2.40	115.1
535	8/27/2009 3:46	18.09	47.99	31.34	8.69	8.12	5.9	2.46	110.9
536	8/27/2009 4:01	17.94	47.90	31.27	8.47	8.10	5.9	2.51	107.8
537	8/27/2009 4:16	17.78	48.05	31.38	8.30	8.09	6.2	2.57	105.3
538	8/27/2009 4:31	17.60	48.01	31.35	8.14	8.07	5.6	2.63	102.9
539	8/27/2009 4:46	17.40	47.92	31.28	8.06	8.07	4.6	2.68	101.6
540	8/27/2009 5:01	17.28	48.04	31.37	8.04	8.06	3.8	2.72	101.0
541	8/27/2009 5:16	17.19	47.93	31.29	8.02	8.06	3.6	2.77	100.6
542	8/27/2009 5:31	17.07	47.92	31.28	7.99	8.05	3.4	2.81	100.0
543	8/27/2009 5:46	16.88	47.88	31.25	7.94	8.05	3.6	2.86	99.0
544	8/27/2009 6:01	16.75	47.86	31.23	7.92	8.04	3.2	2.88	98.4
545	8/27/2009 6:16	16.74	47.76	31.16	7.87	7.91	3.5	2.91	97.7
546	8/27/2009 6:31	16.58	47.81	31.19	7.79	8.03	3.3	2.94	96.5
547	8/27/2009 6:46	16.54	47.80	31.18	7.66	8.03	2.8	2.94	94.8
548	8/27/2009 7:01	16.76	47.74	31.14	7.70	7.90	3.7	2.96	95.7
549	8/27/2009 7:16	16.49	47.73	31.14	7.57	7.89	3.1	2.94	93.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
550	8/27/2009 7:31	16.48	47.90	31.26	7.64	8.02	3.6	2.94	94.5
551	8/27/2009 7:46	16.51	47.93	31.28	7.55	8.02	3.0	2.91	93.4
552	8/27/2009 8:01	16.62	47.88	31.25	7.59	8.03	3.8	2.87	94.1
553	8/27/2009 8:16	16.87	47.86	31.23	7.59	8.03	3.8	2.83	94.6
554	8/27/2009 8:31	17.11	47.97	31.31	7.68	8.05	4.5	2.79	96.2
555	8/27/2009 8:46	17.30	47.98	31.33	7.58	8.05	6.2	2.75	95.2
556	8/27/2009 9:01	17.28	48.04	31.37	7.49	8.03	5.1	2.70	94.1
557	8/27/2009 9:16	17.29	48.05	31.38	7.43	8.03	4.6	2.66	93.4
558	8/27/2009 9:31	17.31	47.98	31.32	7.47	8.03	4.5	2.63	93.9
559	8/27/2009 9:46	17.45	47.95	31.30	7.57	8.04	4.1	2.59	95.5
560	8/27/2009 10:01	17.61	48.10	31.41	7.72	8.05	4.0	2.56	97.6
561	8/27/2009 10:16	17.74	48.06	31.39	7.79	8.06	4.1	2.53	98.8
562	8/27/2009 10:31	17.90	47.87	31.25	7.91	8.07	3.8	2.51	100.5
563	8/27/2009 10:46	18.00	48.07	31.39	7.98	8.08	4.2	2.50	101.7
564	8/27/2009 11:01	18.07	48.05	31.38	7.94	8.08	3.3	2.49	101.4
565	8/27/2009 11:16	18.12	47.95	31.31	7.79	8.08	3.1	2.49	99.5
566	8/27/2009 11:31	18.10	47.93	31.29	7.86	8.08	3.4	2.48	100.4
567	8/27/2009 11:46	18.01	47.94	31.30	7.99	8.08	3.4	2.52	101.8
568	8/27/2009 12:01	17.89	48.04	31.37	7.85	8.06	4.0	2.54	99.9
569	8/27/2009 12:16	17.73	48.04	31.37	7.78	8.05	4.2	2.56	98.7
570	8/27/2009 12:31	17.66	47.96	31.31	7.77	8.05	4.8	2.59	98.4
571	8/27/2009 12:46	17.57	48.10	31.41	7.80	8.05	4.7	2.64	98.6
572	8/27/2009 13:01	17.42	47.85	31.23	7.79	8.05	4.3	2.68	98.1
573	8/27/2009 13:16	17.50	47.85	31.23	7.88	8.05	4.3	2.72	99.3
574	8/27/2009 13:31	17.34	48.01	31.35	7.78	8.05	3.6	2.76	97.9
575	8/27/2009 13:46	17.20	47.87	31.24	7.85	8.05	3.5	2.83	98.4
576	8/27/2009 14:01	16.98	47.87	31.24	7.81	8.04	3.5	2.88	97.6
577	8/27/2009 14:16	16.66	47.86	31.23	7.77	8.03	3.5	2.92	96.4
578	8/27/2009 14:31	16.36	47.78	31.17	7.78	8.02	3.5	2.98	96.0
579	8/27/2009 14:46	16.18	47.84	31.21	7.81	8.02	3.0	3.04	96.0
580	8/27/2009 15:01	15.88	47.76	31.15	7.93	8.01	3.4	3.10	96.9
581	8/27/2009 15:16	15.67	47.76	31.14	7.92	8.00	2.7	3.14	96.3
582	8/27/2009 15:31	15.59	47.78	31.16	8.00	8.01	2.9	3.20	97.1
583	8/27/2009 15:46	15.39	47.55	30.98	8.02	7.88	2.9	3.26	97.0
584	8/27/2009 16:01	15.21	47.86	31.21	8.01	7.99	2.8	3.30	96.6
585	8/27/2009 16:16	15.03	47.87	31.21	7.99	7.99	2.6	3.37	96.0
586	8/27/2009 16:31	14.88	47.75	31.12	8.01	7.98	2.3	3.41	95.9
587	8/27/2009 16:46	14.71	47.67	31.06	8.06	7.98	2.5	3.48	96.2
588	8/27/2009 17:01	14.41	47.68	31.06	8.11	7.86	2.4	3.50	96.2
589	8/27/2009 17:16	14.11	47.75	31.11	8.02	7.96	1.6	3.54	94.6
590	8/27/2009 17:31	14.01	47.81	31.14	7.99	7.96	1.8	3.58	94.0
591	8/27/2009 17:46	13.92	47.69	31.05	7.88	7.96	1.8	3.58	92.5
592	8/27/2009 18:01	14.06	47.71	31.07	7.89	7.85	1.8	3.59	92.9
593	8/27/2009 18:16	13.97	47.67	31.04	7.82	7.84	1.8	3.56	91.8
594	8/27/2009 18:31	14.05	47.81	31.14	7.90	7.96	1.7	3.56	93.0
595	8/27/2009 18:46	14.17	47.69	31.06	7.83	7.96	2.1	3.51	92.4
596	8/27/2009 19:01	14.66	47.72	31.09	7.98	7.98	2.6	3.45	95.1
597	8/27/2009 19:16	15.14	47.71	31.10	8.15	8.01	3.5	3.41	98.1
598	8/27/2009 19:31	15.56	47.65	31.07	8.27	7.90	3.5	3.34	100.3
599	8/27/2009 19:46	16.17	47.66	31.08	8.68	8.07	5.0	3.27	106.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
600	8/27/2009 20:01	16.55	47.85	31.22	8.93	8.10	6.2	3.19	110.6
601	8/27/2009 20:16	17.00	47.79	31.18	9.34	8.14	4.8	3.11	116.7
602	8/27/2009 20:31	17.03	47.88	31.25	9.27	8.13	4.7	3.04	115.9
603	8/27/2009 20:46	17.24	47.89	31.26	9.47	8.15	4.8	2.94	118.8
604	8/27/2009 21:01	17.27	47.83	31.21	9.72	8.16	4.7	2.87	122.1
605	8/27/2009 21:16	17.21	47.84	31.22	9.60	8.15	4.9	2.78	120.4
606	8/27/2009 21:31	17.06	47.94	31.29	9.56	8.15	4.1	2.69	119.6
607	8/27/2009 21:46	17.04	47.87	31.24	9.30	8.12	4.3	2.60	116.3
608	8/27/2009 22:01	17.51	47.92	31.28	9.43	8.02	5.2	2.50	119.0
609	8/27/2009 22:16	17.49	48.03	31.36	9.30	8.13	4.9	2.42	117.3
610	8/27/2009 22:31	17.55	48.04	31.37	9.07	8.13	5.1	2.32	114.7
611	8/27/2009 22:46	17.41	47.98	31.33	8.91	8.11	5.2	2.23	112.3
612	8/27/2009 23:01	17.61	48.10	31.41	8.80	8.11	5.5	2.13	111.3
613	8/27/2009 23:16	17.85	47.97	31.32	8.83	8.12	4.9	2.05	112.2
614	8/27/2009 23:31	18.23	47.87	31.25	9.00	8.02	4.9	1.97	115.2
615	8/27/2009 23:46	18.39	48.06	31.39	9.06	8.16	4.5	1.88	116.3
616	8/28/2009 0:01	18.79	48.17	31.47	9.25	8.18	4.5	1.83	119.7
617	8/28/2009 0:16	18.83	47.92	31.29	9.23	8.05	4.0	1.78	119.4
618	8/28/2009 0:31	19.08	48.19	31.49	9.37	8.20	3.9	1.74	122.0
619	8/28/2009 0:46	19.27	48.01	31.35	9.37	8.21	3.8	1.71	122.4
620	8/28/2009 1:01	19.26	48.23	31.51	9.24	8.20	3.4	1.71	120.7
621	8/28/2009 1:16	19.23	48.25	31.53	9.21	8.20	3.4	1.71	120.2
622	8/28/2009 1:31	19.24	48.19	31.48	9.44	8.21	3.5	1.72	123.3
623	8/28/2009 1:46	19.26	48.12	31.43	9.58	8.21	3.6	1.74	125.1
624	8/28/2009 2:01	19.20	48.14	31.45	9.49	8.20	3.8	1.77	123.8
625	8/28/2009 2:16	19.11	48.22	31.51	9.43	8.20	3.8	1.81	122.8
626	8/28/2009 2:31	19.13	48.18	31.48	9.49	8.20	4.3	1.85	123.7
627	8/28/2009 2:46	19.09	48.20	31.50	9.45	8.20	4.8	1.90	123.1
628	8/28/2009 3:01	19.08	48.02	31.36	9.29	8.05	6.3	1.97	120.9
629	8/28/2009 3:16	19.30	48.17	31.47	8.72	8.15	7.3	2.02	114.0
630	8/28/2009 3:31	19.20	48.12	31.43	8.65	8.14	7.6	2.07	112.9
631	8/28/2009 3:46	19.15	48.10	31.42	8.64	8.14	7.3	2.13	112.6
632	8/28/2009 4:01	19.02	48.12	31.43	8.82	8.15	6.4	2.18	114.7
633	8/28/2009 4:16	18.88	48.20	31.49	8.92	8.16	5.4	2.24	115.6
634	8/28/2009 4:31	18.75	48.06	31.39	8.97	8.16	5.6	2.31	116.0
635	8/28/2009 4:46	18.63	48.15	31.45	8.92	8.15	5.3	2.34	115.1
636	8/28/2009 5:01	18.42	48.15	31.46	8.76	8.13	5.3	2.41	112.7
637	8/28/2009 5:16	18.19	48.09	31.41	8.57	8.11	4.5	2.48	109.7
638	8/28/2009 5:31	18.02	47.91	31.27	8.36	8.10	4.6	2.52	106.5
639	8/28/2009 5:46	17.81	48.03	31.36	8.21	8.08	4.5	2.59	104.2
640	8/28/2009 6:01	17.68	47.95	31.31	8.17	8.08	4.3	2.63	103.5
641	8/28/2009 6:16	17.55	47.99	31.33	8.14	8.07	3.8	2.69	102.9
642	8/28/2009 6:31	17.53	48.03	31.36	8.12	8.07	4.3	2.73	102.5
643	8/28/2009 6:46	17.48	47.91	31.28	8.11	8.07	3.7	2.76	102.3
644	8/28/2009 7:01	17.31	48.07	31.39	8.09	8.06	3.4	2.80	101.8
645	8/28/2009 7:16	17.15	48.03	31.36	8.04	8.05	3.4	2.83	100.9
646	8/28/2009 7:31	17.00	47.90	31.26	7.99	8.05	3.1	2.86	99.9
647	8/28/2009 7:46	16.90	47.91	31.27	7.92	8.04	3.1	2.86	98.8
648	8/28/2009 8:01	17.07	48.02	31.35	7.69	8.05	3.5	2.88	96.3
649	8/28/2009 8:16	16.76	48.02	31.35	7.80	8.04	2.9	2.91	97.0

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
650	8/28/2009 8:31	16.95	47.79	31.18	7.76	8.04	3.1	2.89	96.8
651	8/28/2009 8:46	16.92	47.87	31.24	7.58	8.04	3.4	2.89	94.6
652	8/28/2009 9:01	16.79	47.97	31.32	7.63	8.03	3.1	2.88	94.9
653	8/28/2009 9:16	16.80	47.91	31.27	7.70	8.04	3.2	2.87	95.8
654	8/28/2009 9:31	16.89	47.97	31.31	7.71	8.04	3.3	2.86	96.2
655	8/28/2009 9:46	17.03	47.99	31.33	7.73	8.04	3.9	2.80	96.7
656	8/28/2009 10:01	17.25	48.00	31.34	7.77	8.05	3.9	2.80	97.6
657	8/28/2009 10:16	17.34	48.01	31.35	7.76	8.05	3.8	2.78	97.7
658	8/28/2009 10:31	17.46	48.01	31.35	7.76	8.06	4.0	2.73	97.9
659	8/28/2009 10:46	17.59	48.09	31.41	7.55	8.05	4.3	2.69	95.5
660	8/28/2009 11:01	17.66	48.16	31.46	7.53	8.05	4.3	2.67	95.4
661	8/28/2009 11:16	17.70	48.05	31.38	7.47	8.04	4.3	2.65	94.7
662	8/28/2009 11:31	17.72	48.06	31.38	7.72	7.92	4.4	2.61	97.8
663	8/28/2009 11:46	17.81	47.99	31.34	7.90	8.07	4.5	2.59	100.3
664	8/28/2009 12:01	17.92	47.94	31.30	8.07	7.94	4.3	2.58	102.7
665	8/28/2009 12:16	18.03	48.01	31.35	8.12	8.09	3.5	2.57	103.5
666	8/28/2009 12:31	18.12	48.06	31.39	8.16	8.10	3.7	2.56	104.3
667	8/28/2009 12:46	18.18	48.10	31.41	7.99	8.10	3.3	2.57	102.3
668	8/28/2009 13:01	18.17	48.08	31.40	8.09	8.10	3.4	2.57	103.5
669	8/28/2009 13:16	18.06	48.16	31.46	8.13	8.09	3.8	2.59	103.9
670	8/28/2009 13:31	17.90	48.13	31.43	8.03	8.07	4.6	2.61	102.2
671	8/28/2009 13:46	17.82	48.06	31.39	7.92	8.07	4.3	2.63	100.7
672	8/28/2009 14:01	17.75	47.99	31.34	7.93	8.06	4.4	2.68	100.6
673	8/28/2009 14:16	17.61	48.02	31.36	7.92	8.06	4.5	2.71	100.2
674	8/28/2009 14:31	17.51	47.97	31.32	7.95	8.06	4.0	2.76	100.4
675	8/28/2009 14:46	17.51	47.92	31.29	7.98	7.93	3.8	2.80	100.7
676	8/28/2009 15:01	17.44	47.95	31.30	7.94	8.06	3.5	2.83	100.0
677	8/28/2009 15:16	17.14	48.04	31.37	7.88	8.04	3.2	2.89	98.8
678	8/28/2009 15:31	16.79	47.83	31.21	7.85	8.03	3.2	2.93	97.7
679	8/28/2009 15:46	16.43	47.95	31.29	7.84	8.02	3.5	2.98	96.8
680	8/28/2009 16:01	16.18	47.80	31.18	7.85	8.01	3.5	3.03	96.5
681	8/28/2009 16:16	15.99	47.84	31.21	7.92	8.01	3.1	3.09	97.1
682	8/28/2009 16:31	15.71	47.87	31.23	8.01	8.01	2.9	3.14	97.6
683	8/28/2009 16:46	15.69	47.73	31.12	8.03	8.01	2.6	3.20	97.8
684	8/28/2009 17:01	15.36	47.58	31.01	8.03	7.89	2.7	3.26	97.0
685	8/28/2009 17:16	15.07	47.83	31.18	7.99	7.99	2.2	3.31	96.0
686	8/28/2009 17:31	14.84	47.70	31.09	8.05	7.98	2.3	3.36	96.3
687	8/28/2009 17:46	14.77	47.91	31.23	8.07	7.99	2.4	3.40	96.5
688	8/28/2009 18:01	14.73	47.71	31.09	8.13	7.99	2.0	3.42	97.0
689	8/28/2009 18:16	14.53	47.68	31.06	8.06	7.88	2.0	3.46	95.8
690	8/28/2009 18:31	14.54	47.70	31.08	8.04	7.99	2.0	3.47	95.6
691	8/28/2009 18:46	14.51	47.77	31.13	7.87	7.97	1.5	3.49	93.5
692	8/28/2009 19:01	14.33	47.89	31.21	7.75	7.97	1.9	3.47	91.8
693	8/28/2009 19:16	14.39	47.74	31.10	7.97	7.98	1.7	3.48	94.4
694	8/28/2009 19:31	14.47	47.72	31.09	7.90	7.87	1.9	3.45	93.8
695	8/28/2009 19:46	14.58	47.81	31.16	7.87	7.98	2.5	3.41	93.7
696	8/28/2009 20:01	14.82	47.80	31.15	7.90	7.99	2.6	3.37	94.4
697	8/28/2009 20:16	15.13	47.80	31.16	8.00	8.00	2.7	3.33	96.3
698	8/28/2009 20:31	15.46	47.67	31.08	8.04	8.01	3.1	3.26	97.4
699	8/28/2009 20:46	16.02	47.89	31.24	8.27	8.04	3.2	3.20	101.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
700	8/28/2009 21:01	16.38	47.81	31.19	8.45	8.06	3.7	3.15	104.3
701	8/28/2009 21:16	16.65	47.94	31.29	8.54	8.08	3.5	3.07	106.1
702	8/28/2009 21:31	17.09	47.93	31.29	8.89	8.11	4.0	3.00	111.3
703	8/28/2009 21:46	17.00	47.91	31.27	8.88	8.10	4.0	2.92	110.9
704	8/28/2009 22:01	16.90	47.96	31.31	8.75	8.10	4.5	2.85	109.1
705	8/28/2009 22:16	16.77	47.95	31.30	8.62	8.07	4.0	2.76	107.2
706	8/28/2009 22:31	17.03	47.87	31.24	8.60	8.09	4.4	2.68	107.5
707	8/28/2009 22:46	17.04	47.88	31.25	8.51	8.08	4.5	2.59	106.5
708	8/28/2009 23:01	17.23	47.98	31.32	8.44	8.08	4.3	2.51	106.0
709	8/28/2009 23:16	17.29	47.97	31.31	8.31	8.08	4.5	2.42	104.5
710	8/28/2009 23:31	17.60	48.05	31.38	8.33	8.09	4.8	2.32	105.4
711	8/28/2009 23:46	17.51	47.93	31.29	8.15	8.07	4.6	2.23	102.8
712	8/29/2009 0:01	17.78	48.03	31.36	8.08	7.95	6.1	2.15	102.5
713	8/29/2009 0:16	17.78	47.89	31.26	8.06	8.08	4.8	2.07	102.2
714	8/29/2009 0:31	18.10	48.12	31.43	8.11	8.10	4.7	1.97	103.6
715	8/29/2009 0:46	18.22	48.04	31.38	8.14	8.10	4.8	1.89	104.1
716	8/29/2009 1:01	18.37	48.13	31.44	8.10	8.11	4.5	1.83	104.0
717	8/29/2009 1:16	18.56	48.13	31.44	8.12	8.11	4.4	1.79	104.6
718	8/29/2009 1:31	18.79	48.13	31.44	8.20	8.13	4.5	1.72	106.2
719	8/29/2009 1:46	18.86	48.29	31.56	8.16	8.13	3.8	1.69	105.8
720	8/29/2009 2:01	19.00	48.34	31.60	8.26	8.14	3.7	1.67	107.4
721	8/29/2009 2:16	19.05	48.22	31.51	8.26	8.15	3.2	1.66	107.4
722	8/29/2009 2:31	19.06	48.30	31.56	8.14	8.15		1.66	105.9
723	8/29/2009 2:46	18.97	48.33	31.59	8.33	8.14	3.7	1.70	108.3
724	8/29/2009 3:01	18.90	48.13	31.44	8.29	8.13	3.6	1.71	107.5
725	8/29/2009 3:16	18.86	48.21	31.50	8.30	8.00	4.0	1.76	107.7
726	8/29/2009 3:31	18.84	48.26	31.53	8.33	8.13	4.0	1.81	108.0
727	8/29/2009 3:46	18.83	48.31	31.57	8.36	8.14	4.5	1.85	108.4
728	8/29/2009 4:01	18.80	48.23	31.52	8.32	8.13	5.3	1.89	107.7
729	8/29/2009 4:16	18.89	48.19	31.49	8.10	8.11	5.9	1.94	105.1
730	8/29/2009 4:31	18.98	48.16	31.46	7.90	8.10	7.9	2.01	102.7
731	8/29/2009 4:46	18.84	48.28	31.55	8.00	8.10	8.5	2.06	103.8
732	8/29/2009 5:01	18.73	48.22	31.50	8.10	8.04	7.3	2.10	104.7
733	8/29/2009 5:16	18.66	48.11	31.43	8.11	8.11	6.7	2.17	104.7
734	8/29/2009 5:31	18.59	48.24	31.52	8.11	8.11	5.8	2.24	104.6
735	8/29/2009 5:46	18.49	48.22	31.51	8.10	8.10	5.9	2.28	104.3
736	8/29/2009 6:01	18.38	48.19	31.48	8.09	8.10	5.4	2.35	103.9
737	8/29/2009 6:16	18.31	48.15	31.45	8.07	8.10	5.9	2.41	103.6
738	8/29/2009 6:31	18.01	47.97	31.32	7.97	8.07	5.4	2.46	101.6
739	8/29/2009 6:46	17.82	48.05	31.38	7.90	8.06	4.5	2.52	100.3
740	8/29/2009 7:01	17.66	47.94	31.30	7.87	8.06	4.5	2.58	99.7
741	8/29/2009 7:16	17.57	48.11	31.42	7.83	8.05	4.7	2.63	99.0
742	8/29/2009 7:31	17.50	48.02	31.36	7.82	8.05	4.5	2.67	98.7
743	8/29/2009 7:46	17.42	48.10	31.41	7.82	8.05	3.8	2.72	98.6
744	8/29/2009 8:01	17.25	48.02	31.36	7.81	8.04	4.3	2.77	98.1
745	8/29/2009 8:16	17.07	48.02	31.35	7.78	8.03	3.8	2.80	97.4
746	8/29/2009 8:31	16.95	48.00	31.33	7.74	7.97	3.3	2.84	96.7
747	8/29/2009 8:46	16.79	47.90	31.26	7.73	8.03	3.0	2.87	96.2
748	8/29/2009 9:01	16.67	47.94	31.29	7.72	8.02	3.2	2.89	95.9
749	8/29/2009 9:16	16.61	48.00	31.34	7.67	8.02	2.9	2.92	95.1

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
750	8/29/2009 9:31	16.45	47.70	31.12	7.49	8.01	2.8	2.93	92.5
751	8/29/2009 9:46	16.62	47.75	31.15	7.43	7.89	2.7	2.94	92.1
752	8/29/2009 10:01	16.51	48.00	31.33	7.50	8.01	2.7	2.93	92.9
753	8/29/2009 10:16	16.48	48.00	31.33	7.43	8.01	3.1	2.91	91.9
754	8/29/2009 10:31	16.58	47.98	31.32	7.47	8.01	3.1	2.91	92.6
755	8/29/2009 10:46	16.67	47.93	31.28	7.49	8.02	3.2	2.87	93.0
756	8/29/2009 11:01	16.81	47.93	31.28	7.49	8.02	3.5	2.83	93.2
757	8/29/2009 11:16	17.09	47.96	31.31	7.66	8.04	3.8	2.80	95.9
758	8/29/2009 11:31	17.29	47.99	31.34	7.73	8.05	3.7	2.75	97.2
759	8/29/2009 11:46	17.42	48.01	31.35	7.71	8.05	3.8	2.71	97.1
760	8/29/2009 12:01	17.50	48.11	31.42	7.71	8.05	3.8	2.67	97.4
761	8/29/2009 12:16	17.55	48.12	31.43	7.70	8.05	4.3	2.64	97.4
762	8/29/2009 12:31	17.59	48.05	31.38	7.65	8.05	4.2	2.61	96.8
763	8/29/2009 12:46	17.67	47.94	31.30	7.68	8.05	3.6	2.59	97.2
764	8/29/2009 13:01	17.81	48.03	31.37	7.83	8.06	3.6	2.56	99.5
765	8/29/2009 13:16	17.95	48.04	31.37	8.11	8.08	4.0	2.53	103.3
766	8/29/2009 13:31	18.11	48.10	31.42	7.92	8.08	3.2	2.55	101.2
767	8/29/2009 13:46	17.97	48.12	31.43	8.16	8.07	3.7	2.54	104.0
768	8/29/2009 14:01	18.09	47.96	31.32	8.13	8.08	3.8	2.53	103.8
769	8/29/2009 14:16	18.04	47.98	31.33	8.07	8.07	3.4	2.55	102.9
770	8/29/2009 14:31	17.96	47.94	31.30	8.06	8.07	4.3	2.57	102.5
771	8/29/2009 14:46	17.82	47.93	31.29	7.90	8.06	3.9	2.60	100.3
772	8/29/2009 15:01	17.83	48.03	31.36	7.87	8.06	3.8	2.62	100.0
773	8/29/2009 15:16	17.78	47.99	31.34	7.88	8.06	3.7	2.65	100.0
774	8/29/2009 15:31	17.64	47.98	31.33	7.92	8.05	3.5	2.70	100.2
775	8/29/2009 15:46	17.56	48.09	31.40	7.89	8.05	3.5	2.73	99.7
776	8/29/2009 16:01	17.41	48.08	31.40	7.81	7.98	3.1	2.77	98.5
777	8/29/2009 16:16	17.17	48.02	31.35	7.70	8.03	3.1	2.81	96.6
778	8/29/2009 16:31	16.88	47.89	31.25	7.70	8.02	3.4	2.87	96.0
779	8/29/2009 16:46	16.49	47.85	31.22	7.72	8.01	3.1	2.92	95.5
780	8/29/2009 17:01	16.31	47.88	31.24	7.76	8.01	2.9	2.96	95.6
781	8/29/2009 17:16	16.04	47.55	31.00	7.85	7.89	2.9	3.01	96.1
782	8/29/2009 17:31	15.73	47.75	31.14	7.94	8.00	2.6	3.07	96.7
783	8/29/2009 17:46	15.43	47.69	31.09	8.01	7.99	2.7	3.12	96.9
784	8/29/2009 18:01	15.27	47.74	31.12	8.10	7.99	2.6	3.17	97.7
785	8/29/2009 18:16	15.21	47.73	31.12	8.17	8.00	3.5	3.21	98.4
786	8/29/2009 18:31	15.10	47.70	31.09	8.19	7.89	2.3	3.26	98.5
787	8/29/2009 18:46	14.92	47.86	31.20	8.27	7.99	2.3	3.31	99.1
788	8/29/2009 19:01	14.84	47.83	31.18	8.30	8.00	2.3	3.34	99.3
789	8/29/2009 19:16	14.77	47.76	31.13	8.34	8.00	2.4	3.37	99.6
790	8/29/2009 19:31	14.71	47.77	31.13	8.41	8.00	2.0	3.41	100.4
791	8/29/2009 19:46	14.43	47.53	30.95	8.23	7.88	1.8	3.42	97.6
792	8/29/2009 20:01	14.42	47.81	31.16	8.13	7.98	1.8	3.44	96.4
793	8/29/2009 20:16	14.44	47.45	30.89	7.88	7.99	1.8	3.44	93.4
794	8/29/2009 20:31	14.38	47.79	31.14	8.09	7.98	1.9	3.42	95.9
795	8/29/2009 20:46	14.44	47.80	31.15	8.15	7.98	2.1	3.40	96.8
796	8/29/2009 21:01	14.55	47.77	31.13	8.15	7.98	2.0	3.37	96.9
797	8/29/2009 21:16	14.76	47.80	31.16	8.11	7.99	2.4	3.32	96.9
798	8/29/2009 21:31	15.12	47.85	31.20	8.14	8.01	3.0	3.26	97.9
799	8/29/2009 21:46	15.67	47.74	31.13	8.24	8.03	3.4	3.20	100.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
800	8/29/2009 22:01	16.09	47.93	31.28	8.44	8.06	3.7	3.14	103.6
801	8/29/2009 22:16	16.50	47.79	31.18	8.49	8.07	3.5	3.06	105.0
802	8/29/2009 22:31	16.72	47.77	31.17	8.57	7.96	3.4	2.97	106.5
803	8/29/2009 22:46	16.84	47.91	31.27	8.48	8.09	4.0	2.90	105.7
804	8/29/2009 23:01	16.66	47.94	31.29	8.35	8.08	4.0	2.83	103.7
805	8/29/2009 23:16	16.88	47.78	31.17	8.56	8.08	4.1	2.74	106.7
806	8/29/2009 23:31	16.98	47.97	31.32	8.54	8.09	4.0	2.65	106.7
807	8/29/2009 23:46	16.96	47.82	31.21	8.51	8.08	4.1	2.57	106.1
808	8/30/2009 0:01	16.99	47.90	31.26	8.32	8.06	4.3	2.47	104.0
809	8/30/2009 0:16	17.43	47.89	31.26	8.36	8.08	4.6	2.38	105.3
810	8/30/2009 0:31	17.14	47.84	31.22	8.21	7.95	4.8	2.29	102.9
811	8/30/2009 0:46	17.39	48.02	31.35	8.11	8.06	4.8	2.19	102.1
812	8/30/2009 1:01	17.62	48.18	31.47	8.01	8.07	5.2	2.10	101.4
813	8/30/2009 1:16	17.65	48.17	31.46	7.97	8.07	4.9	2.00	101.0
814	8/30/2009 1:31	17.93	48.18	31.47	7.99	8.08	5.0	1.91	101.8
815	8/30/2009 1:46	18.01	48.06	31.39	7.90	8.08	4.6	1.83	100.8
816	8/30/2009 2:01	18.19	48.04	31.38	7.94	8.09	4.5	1.75	101.5
817	8/30/2009 2:16	18.33	48.22	31.50	7.96	8.09	4.3	1.71	102.2
818	8/30/2009 2:31	18.68	48.30	31.57	8.31	8.05	3.9	1.64	107.4
819	8/30/2009 2:46	18.68	48.21	31.50	8.20	8.12	4.3	1.61	105.9
820	8/30/2009 3:01	18.83	48.29	31.55	8.34	8.13	4.0	1.60	108.1
821	8/30/2009 3:16	18.90	48.26	31.54	8.41	8.14	4.1	1.58	109.2
822	8/30/2009 3:31	18.80	47.97	31.33	8.25	8.00	4.5	1.60	106.7
823	8/30/2009 3:46	18.86	48.32	31.58	8.36	8.14	3.5	1.61	108.5
824	8/30/2009 4:01	18.81	48.01	31.36	8.39	8.14	3.5	1.65	108.6
825	8/30/2009 4:16	18.78	48.28	31.55	8.42	8.14	4.7	1.67	109.1
826	8/30/2009 4:31	18.80	48.31	31.57	8.50	8.14	5.2	1.73	110.1
827	8/30/2009 4:46	18.73	48.25	31.53	8.43	8.13	6.2	1.79	109.1
828	8/30/2009 5:01	18.71	48.16	31.46	8.37	8.13	6.3	1.82	108.2
829	8/30/2009 5:16	18.89	48.11	31.43	8.07	8.11	7.9	1.90	104.6
830	8/30/2009 5:31	18.94	47.92	31.29	7.90	7.96	8.7	1.96	102.5
831	8/30/2009 5:46	18.94	48.12	31.44	7.81	8.09	9.9	2.02	101.3
832	8/30/2009 6:01	18.66	48.17	31.47	8.09	8.10	6.5	2.08	104.5
833	8/30/2009 6:16	18.58	48.22	31.51	8.08	8.10	7.9	2.15	104.2
834	8/30/2009 6:31	18.50	48.13	31.44	8.08	8.03	7.1	2.22	104.0
835	8/30/2009 6:46	18.38	48.09	31.41	8.04	8.09	7.1	2.28	103.3
836	8/30/2009 7:01	18.12	48.05	31.38	8.02	8.08	6.0	2.34	102.5
837	8/30/2009 7:16	17.99	48.07	31.40	7.90	8.07	6.9	2.41	100.6
838	8/30/2009 7:31	17.80	47.94	31.30	7.78	8.06	5.6	2.48	98.8
839	8/30/2009 7:46	17.66	48.10	31.41	7.72	8.05	4.8	2.54	97.8
840	8/30/2009 8:01	17.54	48.07	31.39	7.68	8.04	4.7	2.59	97.0
841	8/30/2009 8:16	17.32	48.06	31.38	7.65	8.03	4.6	2.66	96.2
842	8/30/2009 8:31	17.20	47.94	31.29	7.63	8.03	4.3	2.70	95.7
843	8/30/2009 8:46	17.03	47.83	31.22	7.61	8.02	4.3	2.76	95.1
844	8/30/2009 9:01	16.81	47.79	31.18	7.63	8.01	3.7	2.80	94.9
845	8/30/2009 9:16	16.62	47.90	31.26	7.64	8.01	3.1	2.85	94.7
846	8/30/2009 9:31	16.43	47.96	31.30	7.63	8.00	3.1	2.90	94.3
847	8/30/2009 9:46	16.34	47.97	31.31	7.62	8.00	3.2	2.92	94.0
848	8/30/2009 10:01	16.14	47.86	31.22	7.69	8.00	2.6	2.96	94.5
849	8/30/2009 10:16	16.06	47.88	31.24	7.72	8.00	2.6	2.99	94.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
850	8/30/2009 10:31	15.98	47.81	31.18	7.54	8.00	2.2	3.00	92.3
851	8/30/2009 10:46	16.16	47.93	31.27	7.57	8.00	2.7	3.00	93.1
852	8/30/2009 11:01	15.95	47.87	31.23	7.57	7.99	2.6	2.99	92.7
853	8/30/2009 11:16	15.96	47.77	31.15	7.58	8.00	2.6	2.97	92.8
854	8/30/2009 11:31	16.06	47.76	31.15	7.51	8.00	2.7	2.95	92.0
855	8/30/2009 11:46	16.19	47.87	31.23	7.55	8.00	3.5	2.90	92.9
856	8/30/2009 12:01	16.57	47.98	31.32	7.58	8.02	3.5	2.86	93.9
857	8/30/2009 12:16	16.82	48.01	31.34	7.58	8.03	3.5	2.82	94.5
858	8/30/2009 12:31	17.00	47.94	31.29	7.62	8.03	3.5	2.77	95.3
859	8/30/2009 12:46	17.14	47.97	31.32	7.66	8.04	3.5	2.73	96.0
860	8/30/2009 13:01	17.22	47.97	31.32	7.71	8.04	3.4	2.68	96.8
861	8/30/2009 13:16	17.28	48.06	31.38	7.66	8.04	3.1	2.65	96.3
862	8/30/2009 13:31	17.42	48.08	31.40	7.69	8.05	3.1	2.61	96.9
863	8/30/2009 13:46	17.58	48.05	31.38	8.07	8.06	3.5	2.59	102.0
864	8/30/2009 14:01	17.75	48.11	31.42	8.09	8.07	3.5	2.56	102.7
865	8/30/2009 14:16	17.86	48.03	31.37	7.92	8.07	3.2	2.54	100.7
866	8/30/2009 14:31	17.93	47.91	31.28	7.85	8.07	2.8	2.54	99.9
867	8/30/2009 14:46	17.96	48.03	31.37	7.77	8.08	3.3	2.52	98.9
868	8/30/2009 15:01	18.01	48.12	31.43	7.53	8.08	3.2	2.52	96.0
869	8/30/2009 15:16	17.95	47.97	31.32	8.06	8.08	3.1	2.53	102.6
870	8/30/2009 15:31	17.93	47.94	31.30	8.02	8.07	2.7	2.53	102.0
871	8/30/2009 15:46	17.90	48.10	31.41	7.94	8.07	3.1	2.55	101.1
872	8/30/2009 16:01	17.79	47.97	31.32	7.92	8.06	3.4	2.57	100.5
873	8/30/2009 16:16	17.74	47.96	31.31	7.86	8.05	3.2	2.59	99.7
874	8/30/2009 16:31	17.66	48.10	31.41	7.89	8.06	3.9	2.64	99.9
875	8/30/2009 16:46	17.51	47.88	31.25	7.78	8.04	3.2	2.67	98.1
876	8/30/2009 17:01	17.34	47.86	31.24	7.74	8.03	3.4	2.72	97.4
877	8/30/2009 17:16	17.23	48.05	31.38	7.75	8.03	3.8	2.77	97.4
878	8/30/2009 17:31	16.99	47.97	31.31	7.71	8.02	3.3	2.82	96.4
879	8/30/2009 17:46	16.73	47.92	31.27	7.68	8.01	3.4	2.86	95.5
880	8/30/2009 18:01	16.47	47.60	31.04	7.74	7.89	3.2	2.94	95.6
881	8/30/2009 18:16	16.11	47.83	31.20	7.81	8.00	3.1	2.99	95.9
882	8/30/2009 18:31	15.90	47.85	31.21	7.92	8.00	3.1	3.04	96.8
883	8/30/2009 18:46	15.40	47.76	31.14	8.05	7.99	2.9	3.10	97.4
884	8/30/2009 19:01	15.20	47.79	31.16	8.08	7.99	2.1	3.15	97.3
885	8/30/2009 19:16	15.11	47.85	31.20	8.07	7.95	2.5	3.21	97.1
886	8/30/2009 19:31	14.87	47.79	31.15	8.08	7.98	2.1	3.26	96.8
887	8/30/2009 19:46	14.69	47.88	31.21	8.09	7.97	2.3	3.32	96.5
888	8/30/2009 20:01	14.45	47.77	31.12	8.22	7.97	2.5	3.36	97.6
889	8/30/2009 20:16	14.33	47.83	31.17	8.31	7.98	2.0	3.40	98.5
890	8/30/2009 20:31	14.22	47.72	31.08	8.34	7.95	2.1	3.44	98.5
891	8/30/2009 20:46	14.02	47.66	31.04	8.32	7.97	1.9	3.47	97.8
892	8/30/2009 21:01	13.90	47.65	31.02	8.22	7.88	1.8	3.48	96.5
893	8/30/2009 21:16	13.92	47.73	31.08	8.14	7.97	1.7	3.50	95.6
894	8/30/2009 21:31	13.97	47.72	31.08	8.15	7.96	1.8	3.48	95.8
895	8/30/2009 21:46	13.91	47.75	31.10	8.20	7.96	2.4	3.46	96.3
896	8/30/2009 22:01	14.02	47.83	31.15	8.17	7.96	2.0	3.42	96.1
897	8/30/2009 22:16	14.21	47.67	31.05	8.13	7.97	2.4	3.37	96.0
898	8/30/2009 22:31	14.67	47.56	30.98	8.04	7.98	2.7	3.29	95.8
899	8/30/2009 22:46	15.10	47.84	31.19	7.98	7.99	4.0	3.21	96.0

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
900	8/30/2009 23:01	15.61	47.83	31.20	7.88	8.00	4.6	3.15	95.8
901	8/30/2009 23:16	16.11	47.92	31.27	8.03	8.03	3.8	3.06	98.6
902	8/30/2009 23:31	16.40	47.72	31.12	7.96	8.04	4.0	2.97	98.3
903	8/30/2009 23:46	16.46	47.93	31.28	8.19	8.05	4.7	2.88	101.3
904	8/31/2009 0:01	16.44	47.88	31.25	8.28	8.07	4.4	2.81	102.3
905	8/31/2009 0:16	16.75	47.96	31.30	8.47	8.08	4.1	2.72	105.4
906	8/31/2009 0:31	16.87	47.82	31.20	8.57	8.09	4.4	2.61	106.8
907	8/31/2009 0:46	17.02	47.92	31.28	8.60	8.09	4.3	2.52	107.5
908	8/31/2009 1:01	16.89	47.94	31.29	8.47	8.09	4.4	2.43	105.7
909	8/31/2009 1:16	16.81	48.01	31.34	8.30	8.07	4.9	2.33	103.4
910	8/31/2009 1:31	16.73	48.01	31.34	8.14	8.05	5.0	2.23	101.2
911	8/31/2009 1:46	16.84	47.90	31.26	7.94	8.05	5.2	2.12	98.9
912	8/31/2009 2:01	16.86	48.01	31.34	7.72	8.03	5.7	2.01	96.2
913	8/31/2009 2:16	17.01	47.92	31.28	7.64	8.03	5.6	1.93	95.5
914	8/31/2009 2:31	17.22	48.03	31.36	7.57	8.04	5.0	1.83	95.1
915	8/31/2009 2:46	17.34	48.06	31.39	7.56	8.04	4.8	1.74	95.1
916	8/31/2009 3:01	17.59	48.17	31.46	7.61	8.07	4.6	1.69	96.3
917	8/31/2009 3:16	17.73	48.02	31.36	7.66	8.08	4.5	1.63	97.1
918	8/31/2009 3:31	17.93	47.91	31.28	7.80	8.10	4.4	1.58	99.2
919	8/31/2009 3:46	18.05	48.07	31.39	7.84	8.11	4.6	1.55	100.0
920	8/31/2009 4:01	18.16	48.05	31.38	7.94	8.12	4.1	1.55	101.5
921	8/31/2009 4:16	18.15	48.28	31.55	7.70	8.12	3.7	1.55	98.6
922	8/31/2009 4:31	18.16	48.22	31.51	7.95	8.05	3.5	1.55	101.7
923	8/31/2009 4:46	18.12	48.09	31.41	7.94	8.12	4.2	1.59	101.5
924	8/31/2009 5:01	18.04	48.18	31.48	7.89	8.10	4.2	1.63	100.7
925	8/31/2009 5:16	18.10	48.16	31.46	8.00	8.11	6.0	1.69	102.2
926	8/31/2009 5:31	18.06	48.30	31.56	7.94	8.04	7.1	1.75	101.5
927	8/31/2009 5:46	18.01	48.15	31.45	7.92	8.10	6.2	1.81	101.0
928	8/31/2009 6:01	18.06	48.26	31.53	7.74	8.02	7.8	1.87	98.9
929	8/31/2009 6:16	18.13	48.17	31.47	7.57	8.07	11.0	1.94	96.8
930	8/31/2009 6:31	18.03	47.99	31.33	7.64	8.08	9.4	2.00	97.4
931	8/31/2009 6:46	17.92	47.99	31.33	7.69	8.08	7.7	2.07	97.8
932	8/31/2009 7:01	17.82	47.96	31.32	7.71	8.08	7.8	2.15	97.9
933	8/31/2009 7:16	17.75	48.07	31.39	7.73	8.07	7.0	2.22	98.0
934	8/31/2009 7:31	17.62	47.92	31.29	7.69	8.06	6.5	2.28	97.3
935	8/31/2009 7:46	17.54	48.01	31.35	7.68	8.06	6.5	2.35	97.1
936	8/31/2009 8:01	17.40	48.09	31.41	7.65	8.05	6.4	2.44	96.4
937	8/31/2009 8:16	17.30	48.13	31.43	7.53	8.04	6.3	2.51	94.8
938	8/31/2009 8:31	17.23	47.97	31.31	7.47	8.03	5.7	2.57	93.8
939	8/31/2009 8:46	17.14	47.97	31.31	7.44	8.02	5.1	2.63	93.2
940	8/31/2009 9:01	17.04	47.96	31.31	7.40	8.02	5.8	2.72	92.5
941	8/31/2009 9:16	16.78	47.81	31.20	7.40	8.00	4.6	2.77	92.0
942	8/31/2009 9:31	16.58	47.93	31.28	7.40	8.00	4.4	2.82	91.7
943	8/31/2009 9:46	16.41	47.99	31.32	7.42	7.99	3.8	2.89	91.7
944	8/31/2009 10:01	16.16	47.98	31.31	7.46	7.99	3.8	2.94	91.7
945	8/31/2009 10:16	16.01	47.80	31.18	7.52	7.98	4.1	2.99	92.1
946	8/31/2009 10:31	15.77	47.81	31.18	7.55	7.98	3.5	3.03	92.1
947	8/31/2009 10:46	15.52	47.84	31.20	7.60	7.98	2.8	3.06	92.3
948	8/31/2009 11:01	15.45	47.91	31.25	7.57	7.97	2.3	3.10	91.7
949	8/31/2009 11:16	15.37	47.90	31.24	7.44	7.97	2.3	3.11	90.1

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
950	8/31/2009 11:31	15.49	47.54	30.98	7.51	7.97	2.5	3.10	91.0
951	8/31/2009 11:46	15.36	47.79	31.16	7.47	7.96	2.7	3.09	90.4
952	8/31/2009 12:01	15.37	47.62	31.04	7.52	7.86	2.3	3.08	90.8
953	8/31/2009 12:16	15.59	47.73	31.12	7.46	7.97	3.7	3.03	90.6
954	8/31/2009 12:31	15.99	47.87	31.23	7.52	7.99	4.0	2.98	92.1
955	8/31/2009 12:46	16.29	47.87	31.23	7.61	8.01	3.3	2.94	93.8
956	8/31/2009 13:01	16.35	47.96	31.30	7.57	8.01	3.7	2.88	93.4
957	8/31/2009 13:16	16.62	47.86	31.23	7.66	8.02	3.7	2.82	94.9
958	8/31/2009 13:31	16.67	47.97	31.31	7.66	8.02	3.8	2.76	95.1
959	8/31/2009 13:46	16.83	47.84	31.22	7.83	8.04	3.8	2.71	97.5
960	8/31/2009 14:01	16.93	48.01	31.35	7.92	8.04	3.7	2.67	98.8
961	8/31/2009 14:16	17.05	48.02	31.35	8.03	8.05	4.7	2.61	100.5
962	8/31/2009 14:31	17.10	47.93	31.29	8.07	8.06	3.7	2.58	101.0
963	8/31/2009 14:46	17.21	47.91	31.28	8.07	8.06	3.2	2.54	101.3
964	8/31/2009 15:01	17.09	47.90	31.27	8.27	8.07	3.3	2.50	103.6
965	8/31/2009 15:16	17.16	47.92	31.28	8.28	8.07	4.6	2.48	103.8
966	8/31/2009 15:31	17.31	47.94	31.30	8.18	8.07	3.4	2.46	102.8
967	8/31/2009 15:46	17.39	47.96	31.31	7.98	8.07	3.5	2.45	100.4
968	8/31/2009 16:01	17.23	48.00	31.34	8.36	8.08	3.8	2.45	105.0
969	8/31/2009 16:16	17.39	47.98	31.32	8.21	7.95	3.3	2.46	103.5
970	8/31/2009 16:31	17.43	48.10	31.41	8.13	8.07	2.9	2.47	102.5
971	8/31/2009 16:46	17.37	48.16	31.46	7.97	8.06	3.4	2.49	100.4
972	8/31/2009 17:01	17.43	47.93	31.29	7.84	8.06	3.7	2.54	98.8
973	8/31/2009 17:16	17.38	47.81	31.20	7.89	8.06	3.8	2.57	99.3
974	8/31/2009 17:31	17.31	48.14	31.44	7.80	8.05	3.8	2.62	98.1
975	8/31/2009 17:46	17.18	48.15	31.45	7.64	8.03	3.8	2.67	95.9
976	8/31/2009 18:01	17.13	47.98	31.32	7.64	8.03	4.3	2.72	95.8
977	8/31/2009 18:16	16.80	47.93	31.29	7.70	8.02	4.2	2.78	95.9
978	8/31/2009 18:31	16.74	47.93	31.28	7.68	8.01	3.4	2.84	95.4
979	8/31/2009 18:46	16.53	47.94	31.29	7.64	8.00	3.9	2.90	94.6
980	8/31/2009 19:01	16.24	47.93	31.28	7.63	7.99	3.8	2.96	94.0
981	8/31/2009 19:16	15.74	47.78	31.16	7.72	7.98	2.9	3.02	94.0
982	8/31/2009 19:31	15.45	47.86	31.21	7.73	7.97	2.7	3.08	93.7
983	8/31/2009 19:46	15.21	47.64	31.05	7.78	7.97	2.5	3.16	93.8
984	8/31/2009 20:01	15.00	47.78	31.14	7.80	7.96	2.9	3.21	93.7
985	8/31/2009 20:16	14.63	47.64	31.04	7.86	7.95	2.7	3.27	93.7
986	8/31/2009 20:31	14.40	47.82	31.16	7.87	7.95	2.9	3.34	93.4
987	8/31/2009 20:46	14.20	47.82	31.15	7.90	7.95	2.5	3.39	93.3
988	8/31/2009 21:01	14.10	47.82	31.15	7.92	7.94	2.3	3.44	93.3
989	8/31/2009 21:16	13.87	47.84	31.16	7.95	7.94	2.2	3.48	93.3
990	8/31/2009 21:31	13.72	47.76	31.10	7.99	7.94	2.0	3.52	93.4
991	8/31/2009 21:46	13.50	47.77	31.10	7.91	7.94	5.1	3.53	92.1
992	8/31/2009 22:01	13.89	47.63	31.01	7.85	7.94	3.2	3.53	92.1
993	8/31/2009 22:16	13.64	47.52	30.92	7.84	7.94	2.4	3.54	91.5
994	8/31/2009 22:31	13.55	47.74	31.08	7.84	7.93	2.7	3.52	91.3
995	8/31/2009 22:46	13.60	47.47	30.89	7.84	7.94	5.3	3.47	91.3
996	8/31/2009 23:01	13.83	47.83	31.16	7.86	7.94	5.7	3.41	92.1
997	8/31/2009 23:16	14.34	47.75	31.11	7.76	7.95	6.6	3.35	91.9
998	8/31/2009 23:31	14.49	47.85	31.18	7.72	7.96	7.6	3.30	91.8
999	8/31/2009 23:46	15.32	47.90	31.24	7.54	7.97	12.3	3.21	91.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1000	9/1/2009 0:01	15.68	47.93	31.27	7.46	7.98	16.2	3.11	90.8
1001	9/1/2009 0:16	15.83	47.85	31.21	7.47	7.98	17.7	3.04	91.3
1002	9/1/2009 0:31	16.00	47.86	31.22	7.59	8.00	12.1	2.95	93.0
1003	9/1/2009 0:46	16.30	47.96	31.30	7.69	8.01	4.5	2.85	94.8
1004	9/1/2009 1:01	16.59	48.08	31.39	7.86	8.05	5.2	2.74	97.5
1005	9/1/2009 1:16	16.69	47.98	31.32	7.91	8.06	4.9	2.66	98.3
1006	9/1/2009 1:31	16.54	47.98	31.32	8.35	8.08	4.4	2.56	103.5
1007	9/1/2009 1:46	16.50	47.86	31.23	8.11	8.06	4.5	2.44	100.3
1008	9/1/2009 2:01	16.46	48.05	31.37	7.87	8.04	5.7	2.33	97.4
1009	9/1/2009 2:16	16.26	48.00	31.33	7.71	8.01	6.2	2.22	95.0
1010	9/1/2009 2:31	16.23	47.98	31.31	7.50	8.00	5.8	2.12	92.3
1011	9/1/2009 2:46	16.30	47.85	31.22	7.30	7.99	5.2	2.01	90.0
1012	9/1/2009 3:01	16.44	47.81	31.20	7.15	7.88	5.4	1.89	88.4
1013	9/1/2009 3:16	16.47	47.81	31.19	7.10	7.87	5.6	1.80	87.8
1014	9/1/2009 3:31	16.64	48.13	31.43	7.07	7.99	5.1	1.72	87.9
1015	9/1/2009 3:46	16.73	47.94	31.29	7.01	7.99	4.9	1.64	87.2
1016	9/1/2009 4:01	16.85	48.05	31.37	6.97	7.99	4.2	1.58	87.0
1017	9/1/2009 4:16	17.01	47.96	31.31	7.06	8.01	4.2	1.52	88.2
1018	9/1/2009 4:31	17.22	47.96	31.31	7.20	8.03	3.7	1.51	90.4
1019	9/1/2009 4:46	17.29	48.12	31.43	7.16	8.04	3.2	1.51	90.0
1020	9/1/2009 5:01	17.06	48.08	31.40	7.02	8.01	3.4	1.49	87.9
1021	9/1/2009 5:16	17.25	48.03	31.36	7.22	8.04	3.6	1.52	90.7
1022	9/1/2009 5:31	17.15	48.13	31.43	7.18	8.02	3.4	1.58	90.0
1023	9/1/2009 5:46	17.39	48.14	31.44	7.33	8.05	4.0	1.62	92.3
1024	9/1/2009 6:01	17.43	48.16	31.46	7.41	8.06	4.6	1.68	93.5
1025	9/1/2009 6:16	17.37	48.26	31.53	7.37	8.05	5.0	1.75	92.9
1026	9/1/2009 6:31	17.36	48.08	31.40	7.38	8.05	5.9	1.83	93.0
1027	9/1/2009 6:46	17.39	48.23	31.51	7.31	8.04	7.9	1.90	92.2
1028	9/1/2009 7:01	17.41	48.22	31.50	7.31	8.04	8.6	1.98	92.2
1029	9/1/2009 7:16	17.29	47.93	31.29	7.34	8.04	7.8	2.04	92.2
1030	9/1/2009 7:31	17.22	48.08	31.40	7.33	8.03	7.2	2.13	92.0
1031	9/1/2009 7:46	17.14	48.17	31.46	7.36	8.03	6.7	2.21	92.3
1032	9/1/2009 8:01	17.09	48.10	31.41	7.32	8.03	6.6	2.29	91.7
1033	9/1/2009 8:16	17.08	47.99	31.33	7.33	8.03	6.5	2.36	91.8
1034	9/1/2009 8:31	16.99	48.09	31.40	7.33	8.02	5.6	2.44	91.6
1035	9/1/2009 8:46	16.92	48.17	31.46	7.24	7.97	5.9	2.53	90.4
1036	9/1/2009 9:01	16.86	48.15	31.44	7.17	7.96	5.5	2.60	89.4
1037	9/1/2009 9:16	16.67	48.02	31.34	7.15	7.99	4.9	2.67	88.8
1038	9/1/2009 9:31	16.51	48.08	31.39	7.16	7.98	4.7	2.75	88.7
1039	9/1/2009 9:46	16.40	48.07	31.38	7.19	7.98	4.6	2.81	88.8
1040	9/1/2009 10:01	16.21	47.90	31.25	7.21	7.97	4.3	2.88	88.8
1041	9/1/2009 10:16	16.03	47.90	31.25	7.26	7.97	4.6	2.94	89.0
1042	9/1/2009 10:31	15.64	47.87	31.22	7.36	7.96	4.2	3.00	89.5
1043	9/1/2009 10:46	15.40	47.78	31.15	7.42	7.95	3.6	3.06	89.8
1044	9/1/2009 11:01	15.19	47.78	31.15	7.47	7.95	3.6	3.10	90.0
	Mean	16.66	47.89	31.24	8.14	8.05	5.5	2.64	101.1
	Minimum	12.47	46.94	30.48	6.97	7.81	1.5	1.28	84.6
	Maximum	19.75	48.34	31.60	10.12	8.23	17.7	3.82	128.1

Paramete	Criteria	Source

sonde #1

Indian Island Long-Term Deployment Water Quality Data

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

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	9/1/2009 11:31:20	14.59	51.60	33.93	7.29	7.84	3.2	3.20	88.3
1	9/1/2009 11:46:20	14.42	51.62	33.94	7.21	7.84	2.7	3.23	87.1
2	9/1/2009 12:01:20	14.87	51.66	33.97	7.16	7.86	3.5	3.23	87.2
3	9/1/2009 12:16:20	14.48	51.62	33.94	7.20	7.84	3.1	3.22	87.1
4	9/1/2009 12:31:20	14.60	51.62	33.94	7.20	7.85	3.1	3.18	87.2
5	9/1/2009 12:46:20	14.92	51.65	33.97	7.16	7.87	4.5	3.13	87.3
6	9/1/2009 13:01:20	15.40	51.69	34.01	7.18	7.88	5.6	3.08	88.5
7	9/1/2009 13:16:20	15.54	51.69	34.01	7.23	7.89	4.6	3.01	89.2
8	9/1/2009 13:31:20	16.04	51.74	34.06	7.42	7.92	5.4	2.95	92.5
9	9/1/2009 13:46:20	16.33	51.79	34.10	7.51	7.93	4.9	2.87	94.2
10	9/1/2009 14:01:20	16.56	51.81	34.12	7.60	7.95	4.9	2.80	95.7
11	9/1/2009 14:16:20	16.82	51.84	34.14	7.75	7.96	4.6	2.75	98.2
12	9/1/2009 14:31:20	17.08	51.87	34.17	7.90	7.98	4.6	2.67	100.6
13	9/1/2009 14:46:20	17.29	51.87	34.18	8.10	7.99	4.7	2.62	103.6
14	9/1/2009 15:01:19	17.47	51.92	34.21	8.18	8.00	4.6	2.57	105.0
15	9/1/2009 15:16:20	17.58	51.94	34.23	8.20	8.01	4.4	2.52	105.5
16	9/1/2009 15:31:20	17.63	51.95	34.24	8.33	8.01	4.6	2.47	107.2
17	9/1/2009 15:46:20	17.70	51.97	34.25	8.40	8.02	5.1	2.43	108.3
18	9/1/2009 16:01:20	17.76	51.98	34.26	8.40	8.02	4.2	2.40	108.5
19	9/1/2009 16:16:20	17.81	51.98	34.26	8.50	8.03	3.8	2.38	109.8
20	9/1/2009 16:31:20	17.97	51.98	34.26	8.68	8.04	3.6	2.35	112.5
21	9/1/2009 16:46:20	17.92	51.94	34.23	8.82	8.04	4.3	2.35	114.1
22	9/1/2009 17:01:20	17.88	51.96	34.25	8.71	8.03	5.1	2.38	112.7
23	9/1/2009 17:16:19	17.94	51.98	34.26	8.66	8.03	5.1	2.38	112.2
24	9/1/2009 17:31:19	17.86	51.97	34.25	8.59	8.02	5.0	2.41	111.1
25	9/1/2009 17:46:20	17.96	51.98	34.26	8.67	8.03	4.6	2.46	112.3
26	9/1/2009 18:01:20	17.96	51.98	34.27	8.70	8.03	4.8	2.51	112.8
27	9/1/2009 18:16:20	17.83	51.97	34.25	8.49	8.01	5.4	2.57	109.7
28	9/1/2009 18:31:20	18.05	51.96	34.25	8.36	8.00	5.7	2.62	108.5
29	9/1/2009 18:46:20	17.84	51.93	34.22	8.35	7.99	5.2	2.69	107.9
30	9/1/2009 19:01:20	17.51	51.91	34.21	8.16	7.97	4.9	2.75	104.8
31	9/1/2009 19:16:20	17.33	51.90	34.20	8.01	7.95	4.9	2.81	102.6
32	9/1/2009 19:31:20	17.18	51.89	34.19	7.92	7.94	6.0	2.87	101.0
33	9/1/2009 19:46:20	16.63	51.82	34.13	7.68	7.91	4.9	2.94	97.0
34	9/1/2009 20:01:19	16.04	51.63	33.98	7.50	7.89	4.3	3.02	93.5
35	9/1/2009 20:16:20	15.80	51.80	34.10	7.48	7.88	4.1	3.08	92.9
36	9/1/2009 20:31:20	15.70	51.80	34.10	7.47	7.87	4.6	3.16	92.6
37	9/1/2009 20:46:20	15.17	51.76	34.06	7.53	7.86	4.3	3.22	92.3
38	9/1/2009 21:01:20	14.78	51.74	34.03	7.58	7.84	4.8	3.29	92.3
39	9/1/2009 21:16:20	14.52	51.73	34.02	7.68	7.84	4.0	3.36	92.9
40	9/1/2009 21:31:20	14.53	51.73	34.02	7.68	7.84	4.2	3.42	92.9
41	9/1/2009 21:46:20	14.15	51.63	33.93	7.84	7.84	4.1	3.48	94.2
42	9/1/2009 22:01:20	14.08	51.74	34.01	7.87	7.84	3.3	3.52	94.4
43	9/1/2009 22:16:20	13.86	51.71	33.98	7.96	7.84	3.1	3.56	95.1
44	9/1/2009 22:31:20	13.76	51.70	33.97	7.96	7.84	2.7	3.58	94.8
45	9/1/2009 22:46:20	13.70	51.69	33.96	7.94	7.84	2.5	3.61	94.5
46	9/1/2009 23:01:20	14.06	51.70	33.98	7.76	7.84	2.7	3.60	93.0
47	9/1/2009 23:16:20	13.86	51.70	33.97	7.82	7.84	2.9	3.57	93.3
48	9/1/2009 23:31:20	13.89	51.69	33.97	7.79	7.84	3.1	3.55	93.1
49	9/1/2009 23:46:20	13.95	51.70	33.97	7.79	7.84	3.2	3.49	93.1
50	9/2/2009 0:01:20	14.56	51.73	34.02	7.66	7.86	5.0	3.41	92.8
51	9/2/2009 0:16:20	15.37	51.79	34.08	7.37	7.88	5.3	3.35	90.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
52	9/2/2009 0:31:20	15.73	51.85	34.14	7.42	7.90	6.6	3.25	92.1
53	9/2/2009 0:46:20	15.69	51.83	34.12	7.64	7.91	5.6	3.16	94.7
54	9/2/2009 1:01:21	16.00	48.13	31.42	7.90	7.96	6.8	3.06	96.9
55	9/2/2009 1:16:20	16.33	51.90	34.18	8.03	7.97	6.3	2.95	100.8
56	9/2/2009 1:31:20	16.68	51.93	34.21	8.21	7.99	6.2	2.86	103.8
57	9/2/2009 1:46:20	16.89	51.94	34.22	8.50	8.03	6.1	2.74	107.8
58	9/2/2009 2:01:20	16.97	51.97	34.24	8.50	8.02	5.9	2.65	108.0
59	9/2/2009 2:16:20	16.87	51.99	34.26	8.59	8.02	5.8	2.54	109.0
60	9/2/2009 2:31:20	16.75	51.89	34.19	8.42	8.01	6.3	2.43	106.6
61	9/2/2009 2:46:20	16.54	51.90	34.19	8.18	7.97	7.1	2.30	103.2
62	9/2/2009 3:01:20	16.28	51.90	34.19	7.91	7.93	7.3	2.20	99.2
63	9/2/2009 3:16:20	16.71	51.96	34.23	7.84	7.96	7.1	2.09	99.2
64	9/2/2009 3:31:20	16.55	51.95	34.23	7.68	7.94	7.4	1.96	96.9
65	9/2/2009 3:46:20	16.79	51.99	34.25	7.58	7.95	6.5	1.87	96.1
66	9/2/2009 4:01:20	16.90	52.01	34.27	7.54	7.95	5.9	1.77	95.7
67	9/2/2009 4:16:20	17.03	51.96	34.23	7.59	7.95	5.4	1.67	96.6
68	9/2/2009 4:31:20	17.25	52.07	34.32	7.67	7.97	5.6	1.60	98.1
69	9/2/2009 4:46:20	17.45	52.11	34.36	7.77	7.99	5.6	1.55	99.7
70	9/2/2009 5:01:19	17.53	52.12	34.36	7.75	7.99	5.4	1.51	99.7
71	9/2/2009 5:16:20	17.59	52.13	34.37	7.88	8.00	5.1	1.51	101.5
72	9/2/2009 5:31:20	17.43	52.19	34.41	7.72	7.98	4.6	1.50	99.1
73	9/2/2009 5:46:20	17.53	52.13	34.37	7.90	8.00	4.5	1.53	101.7
74	9/2/2009 6:01:20	17.75	52.16	34.39	8.17	8.03	4.3	1.58	105.5
75	9/2/2009 6:16:20	17.88	52.17	34.40	8.48	8.06	5.0	1.63	109.8
76	9/2/2009 6:31:20	17.90	52.16	34.40	8.60	8.06	5.2	1.69	111.4
77	9/2/2009 6:46:20	17.80	52.14	34.38	8.48	8.05	6.3	1.78	109.6
78	9/2/2009 7:01:20	17.97	52.09	34.35	7.96	8.01	8.2	1.85	103.3
79	9/2/2009 7:16:20	18.06	52.04	34.31	7.76	7.99	10.1	1.91	100.8
80	9/2/2009 7:31:19	18.02	51.97	34.25	7.76	7.99	11.3	2.01	100.7
81	9/2/2009 7:46:19	17.81	52.05	34.31	7.96	8.00	8.5	2.08	102.9
82	9/2/2009 8:01:20	17.70	52.04	34.30	7.93	7.99	8.6	2.17	102.3
83	9/2/2009 8:16:20	17.66	52.04	34.30	7.97	7.99	7.4	2.25	102.7
84	9/2/2009 8:31:20	17.51	52.02	34.29	7.98	7.99	6.8	2.33	102.5
85	9/2/2009 8:46:20	17.36	52.00	34.27	7.82	7.97	6.5	2.42	100.2
86	9/2/2009 9:01:20	17.21	51.98	34.25	7.62	7.94	6.7	2.51	97.3
87	9/2/2009 9:16:20	17.09	51.96	34.24	7.48	7.93	6.0	2.58	95.3
88	9/2/2009 9:31:20	16.95	51.95	34.23	7.37	7.91	6.5	2.66	93.7
89	9/2/2009 9:46:20	16.76	51.92	34.20	7.34	7.90	6.4	2.75	92.9
90	9/2/2009 10:01:20	16.57	51.89	34.18	7.33	7.90	6.2	2.83	92.4
91	9/2/2009 10:16:20	16.40	51.86	34.16	7.31	7.89	6.3	2.90	91.9
92	9/2/2009 10:31:20	16.23	51.84	34.14	7.34	7.88	5.9	2.97	92.0
93	9/2/2009 10:46:20	15.76	51.79	34.09	7.45	7.87	6.2	3.04	92.4
94	9/2/2009 11:01:20	15.48	51.77	34.07	7.52	7.87	5.5	3.10	92.8
95	9/2/2009 11:16:20	15.34	51.72	34.03	7.59	7.85	4.7	3.16	93.3
96	9/2/2009 11:31:20	14.72	51.72	34.01	7.76	7.85	4.2	3.21	94.3
97	9/2/2009 11:46:20	14.53	51.68	33.98	7.84	7.85	3.5	3.26	94.9
98	9/2/2009 12:01:20	14.34	51.68	33.97	7.90	7.84	3.2	3.29	95.2
99	9/2/2009 12:16:20	14.26	51.67	33.97	7.87	7.84	2.3	3.30	94.6
100	9/2/2009 12:31:20	14.47	51.72	34.01	7.87	7.85	3.4	3.30	95.2
101	9/2/2009 12:46:20	14.32	51.68	33.97	7.89	7.84	3.1	3.28	95.0
102	9/2/2009 13:01:20	14.45	51.68	33.98	7.81	7.84	3.4	3.24	94.3
103	9/2/2009 13:16:20	14.63	51.70	34.00	7.79	7.85	4.3	3.18	94.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
104	9/2/2009 13:31:20	15.00	51.72	34.03	7.83	7.87	4.8	3.13	95.6
105	9/2/2009 13:46:20	15.72	51.75	34.06	7.94	7.91	5.9	3.04	98.5
106	9/2/2009 14:01:20	16.44	51.78	34.10	8.19	7.95	7.0	2.97	103.0
107	9/2/2009 14:16:20	16.57	51.82	34.13	8.22	7.96	5.4	2.88	103.6
108	9/2/2009 14:31:20	16.83	51.84	34.15	8.51	7.98	5.9	2.81	107.9
109	9/2/2009 14:46:20	17.09	51.85	34.16	8.72	8.00	5.0	2.73	111.1
110	9/2/2009 15:01:20	17.30	51.84	34.15	9.21	8.03	4.8	2.65	117.8
111	9/2/2009 15:16:20	17.46	51.85	34.16	9.47	8.04	4.6	2.58	121.5
112	9/2/2009 15:31:19	17.55	51.83	34.15	9.65	8.05	5.4	2.51	124.0
113	9/2/2009 15:46:20	17.80	51.88	34.19	9.87	8.07	4.4	2.44	127.4
114	9/2/2009 16:01:19	17.92	51.88	34.18	9.94	8.09	4.6	2.38	128.6
115	9/2/2009 16:16:20	18.06	51.91	34.21	9.93	8.09	4.3	2.33	128.9
116	9/2/2009 16:31:20	18.11	51.92	34.22	9.92	8.09	4.2	2.28	128.9
117	9/2/2009 16:46:20	18.15	51.91	34.21	10.07	8.10	3.8	2.24	130.9
118	9/2/2009 17:01:20	18.25	51.89	34.20	10.35	8.11	3.8	2.22	134.8
119	9/2/2009 17:16:21	18.11	48.15	31.45	10.49	8.12	3.5	2.22	134.1
120	9/2/2009 17:31:20	18.20	51.86	34.17	10.10	8.09	3.9	2.21	131.4
121	9/2/2009 17:46:20	18.37	51.94	34.23	10.15	8.11	3.7	2.23	132.5
122	9/2/2009 18:01:20	18.31	51.91	34.21	9.96	8.09	4.5	2.25	129.9
123	9/2/2009 18:16:20	18.42	51.95	34.25	9.96	8.10	4.2	2.29	130.1
124	9/2/2009 18:31:20	18.58	51.99	34.27	10.01	8.11	4.7	2.34	131.2
125	9/2/2009 18:46:20	18.51	51.99	34.27	9.88	8.10	5.1	2.40	129.4
126	9/2/2009 19:01:19	18.64	51.82	34.15	9.45	8.07	6.5	2.46	124.0
127	9/2/2009 19:16:19	18.81	51.97	34.26	9.15	8.06	7.2	2.53	120.4
128	9/2/2009 19:31:20	18.40	51.96	34.25	9.30	8.05	6.5	2.61	121.5
129	9/2/2009 19:46:20	18.10	51.93	34.22	9.13	8.03	6.8	2.66	118.6
130	9/2/2009 20:01:20	17.84	51.84	34.16	8.91	8.00	5.5	2.74	115.2
131	9/2/2009 20:16:20	17.57	51.65	34.02	8.72	7.98	5.7	2.81	112.0
132	9/2/2009 20:31:20	16.85	51.82	34.13	8.16	7.93	5.1	2.89	103.4
133	9/2/2009 20:46:20	16.70	51.81	34.12	8.03	7.92	5.3	2.96	101.5
134	9/2/2009 21:01:20	16.48	51.81	34.12	7.98	7.91	4.6	3.04	100.4
135	9/2/2009 21:16:20	16.24	51.78	34.09	7.97	7.90	5.1	3.11	99.9
136	9/2/2009 21:31:20	15.79	51.33	33.75	8.03	7.87	4.9	3.19	99.5
137	9/2/2009 21:46:20	15.38	51.72	34.03	8.12	7.87	5.3	3.27	99.9
138	9/2/2009 22:01:20	15.03	51.70	34.01	8.21	7.87	4.8	3.33	100.3
139	9/2/2009 22:16:20	14.67	51.67	33.98	8.45	7.87	4.9	3.40	102.5
140	9/2/2009 22:31:20	14.28	51.65	33.95	8.64	7.87	5.0	3.46	103.9
141	9/2/2009 22:46:20	14.08	51.66	33.95	8.70	7.87	3.8	3.52	104.3
142	9/2/2009 23:01:20	14.03	51.71	33.98	8.70	7.88	3.4	3.56	104.2
143	9/2/2009 23:16:20	13.94	51.66	33.94	8.70	7.87	2.6	3.59	104.0
144	9/2/2009 23:31:20	13.90	51.64	33.93	8.64	7.88	2.3	3.61	103.2
145	9/2/2009 23:46:20	14.24	51.66	33.96	8.51	7.87	2.9	3.60	102.3
146	9/3/2009 0:01:20	13.92	51.65	33.94	8.70	7.87	2.9	3.58	103.9
147	9/3/2009 0:16:20	14.04	51.66	33.95	8.58	7.87	3.6	3.54	102.8
148	9/3/2009 0:31:20	14.20	51.65	33.95	8.53	7.88	3.5	3.48	102.5
149	9/3/2009 0:46:20	15.09	51.72	34.02	8.19	7.90	4.9	3.41	100.2
150	9/3/2009 1:01:20	15.62	51.75	34.06	7.99	7.90	6.2	3.32	98.9
151	9/3/2009 1:16:20	15.72	51.27	33.71	8.03	7.90	6.5	3.23	99.3
152	9/3/2009 1:31:20	15.94	51.79	34.10	8.13	7.92	6.5	3.13	101.2
153	9/3/2009 1:46:20	16.23	51.82	34.12	8.24	7.94	7.1	3.02	103.2
154	9/3/2009 2:01:20	16.78	51.87	34.17	8.39	7.98	6.2	2.92	106.2
155	9/3/2009 2:16:20	17.00	51.90	34.19	8.44	7.99	5.4	2.81	107.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
156	9/3/2009 2:31:19	17.08	51.66	34.02	8.53	7.99	5.4	2.70	108.6
157	9/3/2009 2:46:20	17.05	51.89	34.19	8.69	8.00	5.5	2.58	110.6
158	9/3/2009 3:01:20	16.97	51.92	34.21	8.64	8.00	6.5	2.48	109.8
159	9/3/2009 3:16:20	17.02	51.91	34.20	8.79	8.01	6.3	2.36	111.8
160	9/3/2009 3:31:20	16.79	51.93	34.22	8.58	7.99	6.8	2.24	108.7
161	9/3/2009 3:46:20	16.68	51.88	34.17	8.43	7.96	7.0	2.12	106.5
162	9/3/2009 4:01:20	16.99	51.92	34.21	8.35	7.97	7.5	2.01	106.2
163	9/3/2009 4:16:20	17.04	51.92	34.21	8.22	7.97	6.5	1.89	104.6
164	9/3/2009 4:31:20	17.22	51.98	34.25	8.20	7.98	6.6	1.78	104.8
165	9/3/2009 4:46:20	17.32	51.99	34.26	8.10	7.97	5.7	1.70	103.7
166	9/3/2009 5:01:20	17.50	51.99	34.27	8.12	7.99	5.6	1.63	104.3
167	9/3/2009 5:16:20	17.78	52.05	34.31	8.35	8.01	5.2	1.57	107.9
168	9/3/2009 5:31:20	17.91	52.09	34.34	8.42	8.02	4.9	1.51	109.0
169	9/3/2009 5:46:20	18.06	52.10	34.35	8.63	8.05	5.0	1.50	112.1
170	9/3/2009 6:01:20	17.82	52.13	34.37	8.31	8.02	4.8	1.52	107.5
171	9/3/2009 6:16:20	18.19	52.12	34.37	8.80	8.07	4.3	1.52	114.6
172	9/3/2009 6:31:20	18.15	52.14	34.38	8.77	8.07	4.5	1.57	114.2
173	9/3/2009 6:46:20	18.17	52.11	34.36	8.95	8.09	4.6	1.64	116.5
174	9/3/2009 7:01:20	18.23	52.11	34.36	9.12	8.10	5.3	1.70	118.8
175	9/3/2009 7:16:20	18.16	52.10	34.35	9.03	8.09	6.3	1.77	117.5
176	9/3/2009 7:31:20	18.28	52.07	34.33	8.59	8.06	7.8	1.86	112.0
177	9/3/2009 7:46:19	18.39	52.05	34.32	8.30	8.04	9.9	1.95	108.4
178	9/3/2009 8:01:20	18.36	52.05	34.31	8.20	8.03	10.9	2.01	107.1
179	9/3/2009 8:16:20	18.16	52.02	34.29	8.30	8.02	9.2	2.10	108.0
180	9/3/2009 8:31:20	18.00	52.02	34.29	8.33	8.00	7.9	2.20	108.1
181	9/3/2009 8:46:20	17.95	52.02	34.29	8.39	8.02	7.3	2.28	108.7
182	9/3/2009 9:01:20	17.78	51.99	34.27	8.41	8.01	6.4	2.37	108.6
183	9/3/2009 9:16:20	17.67	51.98	34.26	8.28	8.00	6.0	2.46	106.7
184	9/3/2009 9:31:20	17.55	51.96	34.25	8.05	7.96	6.0	2.56	103.5
185	9/3/2009 9:46:20	17.40	51.93	34.22	7.99	7.95	6.3	2.64	102.5
186	9/3/2009 10:01:20	17.24	51.91	34.21	7.91	7.93	6.3	2.72	101.1
187	9/3/2009 10:16:20	17.00	51.88	34.18	7.89	7.92	6.9	2.81	100.4
188	9/3/2009 10:31:20	16.88	51.90	34.19	7.85	7.91	6.6	2.89	99.6
189	9/3/2009 10:46:20	16.59	51.82	34.13	7.86	7.90	6.1	2.96	99.1
190	9/3/2009 11:01:19	16.22	51.52	33.90	8.01	7.88	6.7	3.04	100.2
191	9/3/2009 11:16:19	15.80	51.76	34.07	8.10	7.87	6.3	3.11	100.6
192	9/3/2009 11:31:20	15.46	51.74	34.05	8.18	7.88	5.7	3.17	100.9
193	9/3/2009 11:46:20	14.96	51.71	34.01	8.38	7.89	4.3	3.23	102.3
194	9/3/2009 12:01:20	14.73	51.70	34.00	8.50	7.88	3.7	3.28	103.3
195	9/3/2009 12:16:21	14.54	49.05	32.05	8.74	8.13	3.2	3.32	104.5
196	9/3/2009 12:31:20	14.37	51.71	34.00	8.67	7.89	2.9	3.35	104.6
197	9/3/2009 12:46:20	14.26	51.67	33.96	8.60	7.88	2.3	3.36	103.5
198	9/3/2009 13:01:20	14.58	51.68	33.98	8.61	7.88	3.2	3.36	104.3
199	9/3/2009 13:16:20	14.36	51.67	33.97	8.70	7.89	3.2	3.33	105.0
200	9/3/2009 13:31:20	14.61	51.69	33.99	8.52	7.90	5.0	3.29	103.3
201	9/3/2009 13:46:19	15.00	50.65	33.24	8.59	7.90	4.8	3.22	104.4
202	9/3/2009 14:01:19	15.64	51.74	34.05	8.67	7.92	6.7	3.15	107.3
203	9/3/2009 14:16:20	16.30	51.55	33.93	8.84	7.96	7.0	3.06	110.8
204	9/3/2009 14:31:20	16.65	51.81	34.12	8.83	7.97	6.5	2.97	111.4
205	9/3/2009 14:46:20	16.96	51.82	34.13	9.10	7.99	6.3	2.88	115.6
206	9/3/2009 15:01:20	17.26	51.84	34.15	9.15	8.01	5.7	2.80	116.9
207	9/3/2009 15:16:20	17.72	51.86	34.17	9.80	8.05	4.9	2.71	126.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
208	9/3/2009 15:31:20	17.73	51.90	34.20	10.10	8.06	5.2	2.63	130.3
209	9/3/2009 15:46:20	17.87	51.90	34.20	10.31	8.08	4.3	2.54	133.4
210	9/3/2009 16:01:20	17.98	51.85	34.16	10.51	8.09	4.4	2.47	136.1
211	9/3/2009 16:16:20	17.78	51.91	34.21	10.67	8.09	4.0	2.40	137.7
212	9/3/2009 16:31:20	17.97	51.82	34.14	10.77	8.10	4.3	2.31	139.5
213	9/3/2009 16:46:20	18.12	51.83	34.15	10.81	8.11	3.9	2.25	140.4
214	9/3/2009 17:01:20	18.24	51.86	34.17	10.89	8.14	3.8	2.19	141.8
215	9/3/2009 17:16:20	18.30	51.84	34.16	10.89	8.13	3.9	2.14	141.9
216	9/3/2009 17:31:20	18.55	51.90	34.21	10.92	8.16	3.6	2.10	143.1
217	9/3/2009 17:46:20	18.82	51.97	34.26	10.82	8.17	3.7	2.09	142.5
218	9/3/2009 18:01:20	18.69	51.90	34.21	10.77	8.17	3.5	2.09	141.5
219	9/3/2009 18:16:19	18.86	51.84	34.16	10.49	8.18	4.1	2.08	138.2
220	9/3/2009 18:31:20	18.93	51.96	34.25	10.44	8.18	4.0	2.11	137.8
221	9/3/2009 18:46:20	18.92	51.98	34.27	10.24	8.17	6.5	2.16	135.2
222	9/3/2009 19:01:20	19.01	52.01	34.29	10.08	8.17	6.3	2.20	133.3
223	9/3/2009 19:16:20	19.02	52.02	34.29	9.96	8.16	6.3	2.26	131.7
224	9/3/2009 19:31:20	19.02	52.00	34.28	9.69	8.14	6.7	2.33	128.1
225	9/3/2009 19:46:20	19.33	52.00	34.28	9.16	8.11	8.1	2.42	121.8
226	9/3/2009 20:01:20	18.86	51.97	34.26	9.34	8.10	7.0	2.49	123.1
227	9/3/2009 20:16:20	18.62	51.95	34.24	9.35	8.07	6.0	2.55	122.7
228	9/3/2009 20:31:20	18.40	51.93	34.23	9.20	8.05	6.3	2.64	120.2
229	9/3/2009 20:46:20	18.12	51.90	34.20	9.06	8.03	6.1	2.71	117.8
230	9/3/2009 21:01:20	17.59	51.86	34.17	8.64	7.97	6.0	2.79	111.1
231	9/3/2009 21:16:20	17.29	51.84	34.15	8.48	7.95	4.7	2.86	108.5
232	9/3/2009 21:31:20	17.06	51.83	34.15	8.44	7.94	5.4	2.95	107.5
233	9/3/2009 21:46:20	16.86	51.82	34.13	8.45	7.93	5.6	3.02	107.1
234	9/3/2009 22:01:20	16.57	51.79	34.11	8.46	7.93	6.1	3.10	106.7
235	9/3/2009 22:16:20	16.07	51.76	34.07	8.55	7.92	6.0	3.18	106.7
236	9/3/2009 22:31:21	15.74	42.59	27.42	8.97	8.14	6.0	3.26	106.8
237	9/3/2009 22:46:20	15.20	51.71	34.02	8.89	7.90	6.3	3.32	109.1
238	9/3/2009 23:01:20	14.78	51.69	33.99	9.01	7.90	5.7	3.39	109.5
239	9/3/2009 23:16:20	14.49	51.68	33.98	9.08	7.89	4.6	3.45	109.8
240	9/3/2009 23:31:20	14.25	51.68	33.97	9.21	7.90	3.8	3.50	110.8
241	9/3/2009 23:46:20	14.07	51.74	34.01	9.28	7.90	3.8	3.54	111.3
242	9/4/2009 0:01:20	13.91	51.67	33.95	9.46	7.91	2.9	3.58	113.1
243	9/4/2009 0:16:20	13.88	51.65	33.94	9.34	7.91	2.3	3.59	111.5
244	9/4/2009 0:31:20	13.96	51.66	33.95	9.32	7.91	3.1	3.58	111.5
245	9/4/2009 0:46:20	13.91	51.65	33.94	9.41	7.91	3.3	3.55	112.5
246	9/4/2009 1:01:20	14.06	51.66	33.95	9.21	7.90	3.9	3.51	110.3
247	9/4/2009 1:16:20	14.73	51.65	33.97	8.89	7.91	4.2	3.44	108.0
248	9/4/2009 1:31:19	15.47	51.71	34.03	8.53	7.93	6.8	3.34	105.3
249	9/4/2009 1:46:20	15.82	51.82	34.11	8.46	7.93	6.8	3.25	105.1
250	9/4/2009 2:01:20	16.02	51.78	34.09	8.30	7.93	5.3	3.15	103.5
251	9/4/2009 2:16:20	16.33	51.79	34.11	8.27	7.93	5.8	3.05	103.7
252	9/4/2009 2:31:20	16.61	51.87	34.17	8.33	7.95	6.0	2.94	105.2
253	9/4/2009 2:46:21	17.11	49.17	32.19	8.45	8.18	7.1	2.83	106.4
254	9/4/2009 3:01:20	17.35	51.96	34.24	8.31	7.98	6.8	2.72	106.4
255	9/4/2009 3:16:20	17.46	51.95	34.24	8.34	7.99	6.2	2.61	107.1
256	9/4/2009 3:31:20	17.04	51.81	34.12	8.38	7.96	5.3	2.49	106.6
257	9/4/2009 3:46:20	17.23	51.93	34.22	8.61	7.99	6.5	2.37	110.0
258	9/4/2009 4:01:20	16.86	51.91	34.20	8.54	7.97	7.5	2.26	108.3
259	9/4/2009 4:16:20	16.85	51.84	34.15	8.50	7.96	7.0	2.14	107.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
260	9/4/2009 4:31:20	17.16	51.99	34.27	8.45	7.98	7.3	2.02	107.8
261	9/4/2009 4:46:20	17.24	51.94	34.23	8.35	7.97	6.7	1.91	106.7
262	9/4/2009 5:01:20	17.47	51.95	34.24	8.36	7.98	6.5	1.79	107.3
263	9/4/2009 5:16:20	17.72	52.03	34.29	8.40	8.01	5.7	1.71	108.4
264	9/4/2009 5:31:20	17.93	52.02	34.29	8.49	8.03	5.9	1.63	110.0
265	9/4/2009 5:46:20	18.16	52.07	34.33	8.58	8.04	5.9	1.55	111.6
266	9/4/2009 6:01:20	18.30	52.09	34.35	8.60	8.04	5.3	1.54	112.2
267	9/4/2009 6:16:20	18.38	52.10	34.35	8.63	8.06	4.9	1.51	112.8
268	9/4/2009 6:31:20	18.36	52.14	34.38	8.49	8.05	4.6	1.52	110.9
269	9/4/2009 6:46:21	18.43	49.07	32.13	8.79	8.25	4.6	1.55	113.5
270	9/4/2009 7:01:20	18.40	52.11	34.36	8.70	8.06	4.6	1.58	113.8
271	9/4/2009 7:16:20	18.46	52.10	34.36	8.80	8.07	5.0	1.67	115.2
272	9/4/2009 7:31:20	18.46	52.11	34.36	8.89	8.07	6.2	1.72	116.3
273	9/4/2009 7:46:20	18.40	52.09	34.35	8.83	8.07	5.7	1.80	115.5
274	9/4/2009 8:01:20	18.64	52.08	34.34	8.33	8.03	8.2	1.89	109.4
275	9/4/2009 8:16:20	18.71	52.08	34.34	8.15	8.02	9.8	1.98	107.2
276	9/4/2009 8:31:20	18.49	52.05	34.32	8.32	8.02	9.5	2.06	108.9
277	9/4/2009 8:46:20	18.36	52.05	34.32	8.33	8.01	8.5	2.14	108.8
278	9/4/2009 9:01:20	18.22	52.05	34.31	8.33	8.02	8.0	2.24	108.5
279	9/4/2009 9:16:20	18.17	52.05	34.32	8.36	8.01	7.3	2.33	108.8
280	9/4/2009 9:31:20	18.00	52.02	34.29	8.32	8.00	7.2	2.42	107.9
281	9/4/2009 9:46:20	17.75	51.98	34.26	8.25	7.98	6.8	2.51	106.6
282	9/4/2009 10:01:20	17.63	51.96	34.24	8.23	7.96	7.2	2.60	105.9
283	9/4/2009 10:16:20	17.49	51.94	34.23	8.19	7.95	7.3	2.70	105.2
284	9/4/2009 10:31:20	17.25	51.92	34.21	8.20	7.94	6.8	2.78	104.8
285	9/4/2009 10:46:20	17.03	51.89	34.19	8.21	7.94	8.1	2.86	104.5
286	9/4/2009 11:01:20	16.81	51.86	34.16	8.25	7.93	7.3	2.95	104.5
287	9/4/2009 11:16:20	16.28	51.81	34.12	8.42	7.92	8.5	3.03	105.5
288	9/4/2009 11:31:20	16.01	51.71	34.03	8.52	7.91	8.1	3.11	106.2
289	9/4/2009 11:46:20	15.49	51.76	34.06	8.66	7.90	6.8	3.18	106.9
290	9/4/2009 12:01:20	15.07	51.72	34.02	8.87	7.90	6.8	3.25	108.5
291	9/4/2009 12:16:20	14.71	51.71	34.01	9.05	7.91	5.5	3.31	109.9
292	9/4/2009 12:31:20	14.39	51.70	33.99	9.21	7.90	4.1	3.37	111.1
293	9/4/2009 12:46:20	14.27	51.70	33.99	9.31	7.90	3.4	3.41	112.1
294	9/4/2009 13:01:20	14.14	51.72	33.99	9.25	7.91	2.9	3.44	111.0
295	9/4/2009 13:16:20	14.49	51.40	33.78	9.20	7.91	2.8	3.45	111.1
296	9/4/2009 13:31:20	14.34	51.69	33.98	9.24	7.91	3.2	3.42	111.4
297	9/4/2009 13:46:20	14.27	51.68	33.97	9.24	7.91	3.4	3.39	111.2
298	9/4/2009 14:01:20	14.38	51.70	33.99	9.21	7.90	4.7	3.34	111.1
299	9/4/2009 14:16:20	15.34	51.75	34.05	9.25	7.95	7.4	3.26	113.9
300	9/4/2009 14:31:20	15.70	51.75	34.06	9.32	7.96	8.4	3.17	115.5
301	9/4/2009 14:46:20	16.25	51.77	34.09	9.37	7.98	7.8	3.08	117.4
302	9/4/2009 15:01:20	16.81	51.81	34.13	9.48	8.01	7.3	2.99	120.1
303	9/4/2009 15:16:20	16.97	51.83	34.14	9.54	8.02	7.8	2.89	121.3
304	9/4/2009 15:31:19	17.44	51.63	34.00	9.74	8.04	7.1	2.79	124.7
305	9/4/2009 15:46:20	17.57	51.75	34.09	10.19	8.06	5.7	2.71	131.0
306	9/4/2009 16:01:19	17.75	51.69	34.05	10.33	8.07	5.6	2.61	133.1
307	9/4/2009 16:16:20	17.82	51.87	34.18	10.49	8.09	5.2	2.52	135.5
308	9/4/2009 16:31:20	17.84	51.89	34.19	10.51	8.10	5.0	2.42	135.9
309	9/4/2009 16:46:20	17.83	51.86	34.18	10.57	8.11	4.6	2.33	136.6
310	9/4/2009 17:01:20	18.03	51.81	34.14	10.63	8.13	4.5	2.26	137.8
311	9/4/2009 17:16:20	18.07	51.90	34.20	10.42	8.13	4.3	2.17	135.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
312	9/4/2009 17:31:19	18.16	51.86	34.17	10.45	8.14	4.4	2.09	135.9
313	9/4/2009 17:46:20	18.50	51.93	34.23	10.33	8.16	4.3	2.03	135.2
314	9/4/2009 18:01:20	18.50	51.86	34.17	10.11	8.16	4.3	1.97	132.3
315	9/4/2009 18:16:19	18.81	51.98	34.27	10.09	8.17	4.3	1.95	132.8
316	9/4/2009 18:31:20	19.15	52.06	34.33	9.69	8.19	4.0	1.93	128.4
317	9/4/2009 18:46:19	19.26	52.08	34.34	9.49	8.18	3.5	1.93	126.1
318	9/4/2009 19:01:20	19.43	52.01	34.29	9.41	8.20	4.0	1.96	125.4
319	9/4/2009 19:16:20	19.22	52.06	34.33	9.24	8.18	5.4	1.99	122.7
320	9/4/2009 19:31:20	19.19	52.07	34.33	9.07	8.17	6.3	2.05	120.4
321	9/4/2009 19:46:20	19.23	52.05	34.32	9.00	8.16	6.3	2.12	119.4
322	9/4/2009 20:01:19	19.37	52.06	34.33	8.74	8.13	7.5	2.20	116.3
323	9/4/2009 20:16:20	19.66	52.06	34.33	8.42	8.11	9.6	2.28	112.7
324	9/4/2009 20:31:20	19.14	52.04	34.31	8.75	8.10	7.4	2.37	115.9
325	9/4/2009 20:46:20	18.92	52.01	34.29	8.78	8.10	7.4	2.44	115.8
326	9/4/2009 21:01:20	18.77	51.99	34.28	8.75	8.09	7.4	2.53	115.1
327	9/4/2009 21:16:20	18.42	51.96	34.25	8.65	8.06	6.5	2.60	113.1
328	9/4/2009 21:31:20	18.02	51.93	34.22	8.41	8.01	6.8	2.68	109.0
329	9/4/2009 21:46:20	17.76	51.91	34.21	8.29	7.99	6.1	2.76	106.9
330	9/4/2009 22:01:20	17.51	51.90	34.20	8.28	7.97	5.7	2.83	106.3
331	9/4/2009 22:16:20	17.30	51.87	34.18	8.33	7.97	5.5	2.91	106.6
332	9/4/2009 22:31:20	16.91	51.84	34.15	8.39	7.95	6.0	2.99	106.6
333	9/4/2009 22:46:20	16.53	51.82	34.13	8.48	7.94	7.3	3.07	106.8
334	9/4/2009 23:01:20	16.19	51.80	34.11	8.55	7.93	6.8	3.15	107.0
335	9/4/2009 23:16:20	15.54	51.77	34.07	8.74	7.92	8.4	3.23	107.9
336	9/4/2009 23:31:20	15.23	51.76	34.06	8.80	7.91	7.3	3.31	108.1
337	9/4/2009 23:46:20	14.71	51.73	34.02	8.90	7.91	6.5	3.38	108.1
338	9/5/2009 0:01:20	14.39	51.71	34.00	8.95	7.90	4.6	3.45	108.0
339	9/5/2009 0:16:20	14.04	51.70	33.98	9.04	7.89	3.8	3.50	108.4
340	9/5/2009 0:31:20	13.97	51.71	33.99	9.07	7.90	3.4	3.54	108.5
341	9/5/2009 0:46:20	13.87	51.71	33.98	8.96	7.90	2.9	3.57	107.0
342	9/5/2009 1:01:20	14.22	51.72	34.00	8.92	7.90	3.6	3.57	107.3
343	9/5/2009 1:16:20	13.83	51.71	33.98	8.98	7.89	3.2	3.56	107.1
344	9/5/2009 1:31:20	13.80	51.71	33.98	9.00	7.90	3.1	3.51	107.3
345	9/5/2009 1:46:20	14.07	51.71	33.99	8.87	7.89	3.6	3.46	106.3
346	9/5/2009 2:01:20	15.28	51.78	34.08	8.57	7.92	7.1	3.38	105.3
347	9/5/2009 2:16:20	15.58	51.82	34.11	8.58	7.93	7.0	3.28	106.0
348	9/5/2009 2:31:20	15.91	51.83	34.13	8.49	7.93	7.4	3.19	105.7
349	9/5/2009 2:46:21	16.19	45.52	29.53	8.67	8.18	7.3	3.09	105.6
350	9/5/2009 3:01:20	16.56	51.90	34.19	8.37	7.95	7.0	2.97	105.5
351	9/5/2009 3:16:20	17.01	51.77	34.09	8.21	7.96	6.5	2.88	104.3
352	9/5/2009 3:31:25	17.32	35.51	22.44	8.78	8.19	6.7	2.79	104.7
353	9/5/2009 3:46:21	17.49	44.80	29.02	8.31	8.20	5.7	2.67	103.4
354	9/5/2009 4:01:20	17.58	52.05	34.31	8.14	7.99	5.7	2.54	104.7
355	9/5/2009 4:16:20	17.34	52.07	34.32	8.20	7.98	5.6	2.44	105.1
356	9/5/2009 4:31:20	17.43	52.01	34.28	8.32	7.99	6.4	2.34	106.8
357	9/5/2009 4:46:21	17.13	37.89	24.11	8.83	8.20	7.0	2.24	106.0
358	9/5/2009 5:01:20	16.87	51.97	34.24	8.23	7.96	6.8	2.10	104.4
359	9/5/2009 5:16:20	17.24	51.95	34.24	8.21	7.96	7.1	2.02	104.9
360	9/5/2009 5:31:19	17.08	51.73	34.07	8.18	7.99	6.2	1.89	104.1
361	9/5/2009 5:46:20	17.40	52.03	34.29	8.13	7.97	6.5	1.80	104.3
362	9/5/2009 6:01:20	17.70	51.96	34.24	8.15	8.00	5.9	1.73	105.1
363	9/5/2009 6:16:20	17.83	52.09	34.34	8.14	8.00	5.6	1.66	105.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
364	9/5/2009 6:31:20	18.07	52.13	34.37	8.21	8.02	5.6	1.64	106.6
365	9/5/2009 6:46:20	18.26	52.13	34.37	8.25	8.04	4.9	1.60	107.5
366	9/5/2009 7:01:20	18.32	52.13	34.37	8.20	8.04	4.3	1.62	107.0
367	9/5/2009 7:16:20	18.29	52.15	34.39	8.28	8.05	4.5	1.66	108.1
368	9/5/2009 7:31:20	18.26	52.13	34.38	8.27	8.04	4.7	1.69	107.8
369	9/5/2009 7:46:20	18.31	52.05	34.31	8.31	8.05	5.7	1.75	108.5
370	9/5/2009 8:01:20	18.32	52.14	34.38	8.36	8.05	6.5	1.84	109.2
371	9/5/2009 8:16:20	18.29	52.10	34.35	8.28	8.04	7.2	1.92	108.0
372	9/5/2009 8:31:20	18.35	52.12	34.37	8.02	8.03	8.0	2.01	104.8
373	9/5/2009 8:46:20	18.30	52.11	34.36	7.99	8.02	8.5	2.10	104.2
374	9/5/2009 9:01:20	18.03	52.08	34.33	8.07	8.01	7.6	2.19	104.8
375	9/5/2009 9:16:20	17.94	52.06	34.32	8.03	7.99	7.5	2.28	104.1
376	9/5/2009 9:31:20	17.91	52.06	34.32	8.03	7.99	8.0	2.37	104.0
377	9/5/2009 9:46:20	17.89	52.06	34.32	8.05	7.99	7.8	2.46	104.2
378	9/5/2009 10:01:20	17.68	52.01	34.28	8.06	7.97	7.4	2.55	103.9
379	9/5/2009 10:16:20	17.51	51.98	34.26	8.07	7.96	7.9	2.65	103.6
380	9/5/2009 10:31:20	17.35	51.95	34.24	8.10	7.95	7.7	2.73	103.7
381	9/5/2009 10:46:20	17.14	51.94	34.22	8.10	7.94	7.9	2.82	103.3
382	9/5/2009 11:01:20	16.84	51.91	34.20	8.16	7.93	8.1	2.91	103.4
383	9/5/2009 11:16:20	16.66	51.90	34.19	8.18	7.92	7.6	3.00	103.4
384	9/5/2009 11:31:20	15.97	51.82	34.12	8.32	7.90	9.4	3.09	103.7
385	9/5/2009 11:46:20	15.75	51.88	34.16	8.37	7.89	9.5	3.17	103.8
386	9/5/2009 12:01:20	15.05	51.80	34.08	8.49	7.89	8.7	3.24	103.9
387	9/5/2009 12:16:20	14.66	51.79	34.07	8.58	7.89	6.7	3.33	104.2
388	9/5/2009 12:31:20	14.27	51.78	34.04	8.68	7.88	6.6	3.40	104.5
389	9/5/2009 12:46:20	13.91	51.76	34.02	8.77	7.88	5.0	3.46	104.8
390	9/5/2009 13:01:20	13.70	51.76	34.01	8.79	7.88	4.4	3.51	104.6
391	9/5/2009 13:16:21	13.54	45.04	29.13	9.10	8.16	3.4	3.57	104.7
392	9/5/2009 13:31:20	13.45	51.79	34.02	8.75	7.87	9.6	3.58	103.6
393	9/5/2009 13:46:20	13.78	51.76	34.01	8.82	7.89	3.8	3.58	105.2
394	9/5/2009 14:01:20	13.52	51.77	34.01	8.73	7.87	3.7	3.55	103.5
395	9/5/2009 14:16:20	13.65	51.77	34.01	8.67	7.88	3.5	3.52	103.1
396	9/5/2009 14:31:20	13.99	51.77	34.03	8.76	7.90	4.9	3.44	104.9
397	9/5/2009 14:46:20	14.71	51.72	34.01	8.96	7.94	7.0	3.35	108.9
398	9/5/2009 15:01:20	15.40	51.80	34.09	9.00	7.94	8.3	3.25	110.8
399	9/5/2009 15:16:20	16.49	51.81	34.12	9.12	7.99	8.4	3.16	114.7
400	9/5/2009 15:31:20	16.54	51.79	34.10	9.18	7.99	7.3	3.05	115.6
401	9/5/2009 15:46:20	16.77	51.83	34.14	8.94	7.99	7.1	2.94	113.2
402	9/5/2009 16:01:20	17.28	51.92	34.21	8.94	8.01	6.9	2.85	114.4
403	9/5/2009 16:16:20	17.69	51.95	34.24	9.16	8.03	7.7	2.73	118.0
404	9/5/2009 16:31:20	17.83	51.96	34.25	9.12	8.04	7.1	2.64	117.9
405	9/5/2009 16:46:20	17.93	51.95	34.24	9.35	8.06	6.2	2.55	121.0
406	9/5/2009 17:01:20	17.62	51.79	34.12	9.72	8.07	5.3	2.44	125.0
407	9/5/2009 17:16:20	17.52	51.87	34.18	9.77	8.08	4.8	2.35	125.5
408	9/5/2009 17:31:20	17.38	51.89	34.19	9.73	8.07	4.5	2.25	124.7
409	9/5/2009 17:46:20	17.47	51.88	34.19	9.68	8.08	4.8	2.17	124.2
410	9/5/2009 18:01:20	17.66	51.90	34.20	9.62	8.09	5.0	2.07	123.9
411	9/5/2009 18:16:20	17.80	51.91	34.21	9.63	8.10	4.8	1.98	124.4
412	9/5/2009 18:31:20	18.10	51.95	34.24	9.47	8.11	5.0	1.93	123.0
413	9/5/2009 18:46:20	18.31	51.99	34.27	9.28	8.12	4.7	1.88	121.1
414	9/5/2009 19:01:20	18.52	52.02	34.29	9.21	8.13	4.8	1.85	120.6
415	9/5/2009 19:16:20	18.68	52.05	34.32	9.04	8.13	4.5	1.84	118.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
416	9/5/2009 19:31:20	18.59	52.16	34.40	8.88	8.12	4.3	1.85	116.5
417	9/5/2009 19:46:20	18.79	52.09	34.34	8.80	8.13	4.1	1.89	115.9
418	9/5/2009 20:01:20	18.78	52.09	34.34	8.69	8.12	4.5	1.93	114.4
419	9/5/2009 20:16:20	18.89	52.13	34.37	8.59	8.12	5.9	1.99	113.3
420	9/5/2009 20:31:20	18.80	52.11	34.36	8.56	8.11	6.4	2.08	112.7
421	9/5/2009 20:46:20	18.99	52.09	34.35	8.17	8.08	8.6	2.18	108.1
422	9/5/2009 21:01:20	19.12	52.03	34.30	8.07	8.06	9.0	2.25	106.9
423	9/5/2009 21:16:20	18.84	52.04	34.31	8.24	8.06	7.8	2.34	108.6
424	9/5/2009 21:31:20	18.57	52.03	34.30	8.35	8.05	7.1	2.43	109.5
425	9/5/2009 21:46:20	18.51	52.02	34.29	8.33	8.05	7.6	2.49	109.1
426	9/5/2009 22:01:20	18.16	51.99	34.27	8.32	8.02	6.8	2.58	108.2
427	9/5/2009 22:16:20	17.89	51.97	34.25	8.17	7.99	6.4	2.65	105.7
428	9/5/2009 22:31:20	17.72	51.95	34.24	8.10	7.98	5.7	2.73	104.5
429	9/5/2009 22:46:20	17.61	51.78	34.11	8.07	7.97	6.1	2.82	103.8
430	9/5/2009 23:01:20	17.29	51.94	34.23	8.09	7.95	5.9	2.89	103.5
431	9/5/2009 23:16:20	16.96	51.90	34.19	8.12	7.94	6.0	2.97	103.3
432	9/5/2009 23:31:20	16.66	51.88	34.18	8.18	7.93	5.8	3.04	103.3
433	9/5/2009 23:46:20	16.44	51.86	34.16	8.20	7.92	6.5	3.12	103.1
434	9/6/2009 0:01:20	15.96	51.83	34.13	8.29	7.91	6.7	3.20	103.3
435	9/6/2009 0:16:20	15.53	51.71	34.03	8.36	7.90	6.7	3.27	103.2
436	9/6/2009 0:31:18	15.10	51.63	33.96	8.45	7.92	5.4	3.33	103.4
437	9/6/2009 0:46:19	15.02	51.78	34.07	8.39	7.91	4.8	3.39	102.6
438	9/6/2009 1:01:20	14.60	51.26	33.67	8.50	7.90	4.0	3.46	102.8
439	9/6/2009 1:16:19	14.39	51.79	34.06	8.52	7.91	3.5	3.48	102.9
440	9/6/2009 1:31:20	14.30	51.79	34.05	8.38	7.89	3.3	3.51	100.9
441	9/6/2009 1:46:20	14.68	51.76	34.04	8.39	7.91	3.6	3.52	101.8
442	9/6/2009 2:01:20	14.28	51.77	34.04	8.42	7.89	3.2	3.51	101.4
443	9/6/2009 2:16:20	14.29	51.77	34.04	8.44	7.89	3.8	3.46	101.6
444	9/6/2009 2:31:20	14.73	51.79	34.07	8.28	7.90	4.6	3.39	100.6
445	9/6/2009 2:46:20	15.47	51.85	34.13	8.10	7.92	6.2	3.32	100.0
446	9/6/2009 3:01:20	15.77	51.86	34.15	8.09	7.92	6.1	3.24	100.4
447	9/6/2009 3:16:20	16.14	51.90	34.18	7.93	7.93	7.6	3.13	99.2
448	9/6/2009 3:31:20	16.56	51.95	34.22	7.79	7.92	7.1	3.03	98.3
449	9/6/2009 3:46:20	16.69	51.94	34.22	7.74	7.93	6.3	2.95	97.9
450	9/6/2009 4:01:20	17.04	52.01	34.28	7.62	7.94	6.0	2.84	97.1
451	9/6/2009 4:16:20	17.16	52.05	34.30	7.39	7.93	5.5	2.73	94.4
452	9/6/2009 4:31:20	17.15	52.07	34.32	7.46	7.94	5.3	2.64	95.3
453	9/6/2009 4:46:20	17.10	52.01	34.27	7.56	7.95	6.2	2.53	96.4
454	9/6/2009 5:01:20	16.92	51.96	34.23	7.65	7.94	6.1	2.42	97.2
455	9/6/2009 5:16:20	16.75	51.99	34.26	7.70	7.94	5.7	2.32	97.5
456	9/6/2009 5:31:20	16.67	51.96	34.23	7.71	7.94	6.8	2.21	97.5
457	9/6/2009 5:46:20	16.86	52.01	34.27	7.64	7.94	6.7	2.12	97.0
458	9/6/2009 6:01:20	16.85	52.03	34.29	7.59	7.94	6.2	2.02	96.4
459	9/6/2009 6:16:20	16.89	52.02	34.28	7.55	7.94	5.8	1.93	95.9
460	9/6/2009 6:31:20	17.10	52.09	34.34	7.50	7.95	5.9	1.86	95.6
461	9/6/2009 6:46:20	17.27	52.07	34.32	7.49	7.95	5.2	1.79	95.8
462	9/6/2009 7:01:20	17.45	52.08	34.33	7.49	7.96	5.0	1.76	96.2
463	9/6/2009 7:16:20	17.69	52.10	34.35	7.51	7.97	4.9	1.74	96.9
464	9/6/2009 7:31:22	17.85	52.13	34.37	7.50	7.97	4.3	1.74	97.0
465	9/6/2009 7:46:20	17.80	52.11	34.35	7.52	7.99	4.5	1.76	97.2
466	9/6/2009 8:01:20	17.73	52.12	34.36	7.58	7.98	4.6	1.81	97.8
467	9/6/2009 8:16:20	17.86	52.13	34.37	7.60	8.00	4.8	1.86	98.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
468	9/6/2009 8:31:20	17.90	52.14	34.38	7.64	8.00	5.4	1.95	98.9
469	9/6/2009 8:46:20	17.84	52.13	34.37	7.61	7.99	6.5	2.04	98.5
470	9/6/2009 9:01:20	17.83	52.12	34.37	7.58	7.99	6.9	2.12	98.1
471	9/6/2009 9:16:20	17.81	52.11	34.36	7.53	7.98	7.3	2.22	97.4
472	9/6/2009 9:31:20	17.66	52.08	34.34	7.54	7.97	7.3	2.31	97.2
473	9/6/2009 9:46:20	17.58	52.07	34.33	7.57	7.96	6.5	2.40	97.4
474	9/6/2009 10:01:21	17.57	39.62	25.32	7.99	8.18	6.7	2.51	97.4
475	9/6/2009 10:16:20	17.57	52.06	34.32	7.61	7.96	6.5	2.58	98.0
476	9/6/2009 10:31:20	17.46	52.03	34.29	7.65	7.95	6.4	2.67	98.3
477	9/6/2009 10:46:20	17.36	52.01	34.28	7.71	7.94	6.6	2.76	98.8
478	9/6/2009 11:01:20	17.24	51.99	34.26	7.78	7.93	6.9	2.84	99.4
479	9/6/2009 11:16:21	16.95	41.21	26.45	8.22	8.15	6.6	2.95	99.6
480	9/6/2009 11:31:20	16.74	51.93	34.21	7.89	7.91	7.3	3.02	99.8
481	9/6/2009 11:46:20	16.55	51.90	34.19	7.95	7.91	7.5	3.10	100.2
482	9/6/2009 12:01:20	15.91	51.85	34.14	8.21	7.92	8.2	3.18	102.2
483	9/6/2009 12:16:20	15.49	51.82	34.11	8.43	7.92	8.5	3.27	104.0
484	9/6/2009 12:31:20	15.10	51.79	34.08	8.63	7.92	7.6	3.35	105.7
485	9/6/2009 12:46:20	14.73	51.78	34.06	8.82	7.93	7.4	3.43	107.2
486	9/6/2009 13:01:20	14.35	51.77	34.04	9.15	7.95	6.7	3.50	110.3
487	9/6/2009 13:16:20	14.12	51.75	34.02	9.37	7.96	5.6	3.57	112.5
488	9/6/2009 13:31:20	14.05	51.75	34.02	9.45	7.97	4.3	3.61	113.3
489	9/6/2009 13:46:20	13.99	51.73	34.00	9.45	7.97	3.0	3.64	113.1
490	9/6/2009 14:01:20	14.36	51.69	33.99	9.37	7.98	3.2	3.65	113.0
491	9/6/2009 14:16:21	14.11	48.08	31.34	9.49	8.00	4.4	3.66	112.1
492	9/6/2009 14:31:20	14.03	51.72	33.99	9.43	7.98	3.7	3.62	113.0
493	9/6/2009 14:46:20	14.10	51.74	34.01	9.35	7.97	4.9	3.54	112.2
494	9/6/2009 15:01:20	15.23	51.73	34.03	9.18	7.99	7.1	3.48	112.7
495	9/6/2009 15:16:20	15.46	51.80	34.09	9.08	7.99	8.1	3.39	112.0
496	9/6/2009 15:31:20	16.36	51.82	34.13	9.11	8.02	9.0	3.28	114.4
497	9/6/2009 15:46:20	16.68	51.90	34.19	9.11	8.03	9.2	3.18	115.1
498	9/6/2009 16:01:19	17.04	51.43	33.85	9.24	8.05	8.2	3.08	117.3
499	9/6/2009 16:16:20	17.32	51.91	34.20	9.07	8.03	7.7	2.98	116.1
500	9/6/2009 16:31:20	17.81	51.76	34.10	9.26	8.07	8.3	2.88	119.5
501	9/6/2009 16:46:19	17.86	51.91	34.21	9.43	8.11	8.3	2.78	121.9
502	9/6/2009 17:01:20	17.90	51.93	34.23	9.53	8.09	5.7	2.67	123.3
503	9/6/2009 17:16:20	17.72	51.90	34.20	9.60	8.10	5.2	2.56	123.8
504	9/6/2009 17:31:20	17.84	51.80	34.13	9.46	8.10	5.4	2.45	122.3
505	9/6/2009 17:46:20	17.73	51.91	34.21	9.42	8.10	5.3	2.36	121.5
506	9/6/2009 18:01:20	17.67	51.79	34.12	9.37	8.10	4.8	2.25	120.6
507	9/6/2009 18:16:20	17.65	51.87	34.18	9.35	8.11	5.1	2.15	120.3
508	9/6/2009 18:31:20	17.86	51.89	34.20	9.21	8.11	5.2	2.06	119.1
509	9/6/2009 18:46:20	17.97	51.91	34.21	9.12	8.13	4.8	1.96	118.2
510	9/6/2009 19:01:20	18.09	51.93	34.22	8.95	8.12	4.8	1.88	116.2
511	9/6/2009 19:16:20	18.33	51.97	34.26	8.77	8.13	4.9	1.83	114.4
512	9/6/2009 19:31:20	18.54	51.99	34.27	8.69	8.13	4.8	1.79	113.8
513	9/6/2009 19:46:20	18.79	52.05	34.31	8.56	8.14	4.8	1.76	112.7
514	9/6/2009 20:01:20	19.13	52.06	34.33	8.41	8.16	4.6	1.79	111.4
515	9/6/2009 20:16:20	19.05	52.13	34.37	8.34	8.15	4.9	1.79	110.4
516	9/6/2009 20:31:20	19.22	52.14	34.39	8.37	8.16	4.3	1.83	111.1
517	9/6/2009 20:46:20	19.10	52.09	34.35	8.26	8.14	4.8	1.86	109.4
518	9/6/2009 21:01:20	19.21	52.15	34.39	8.26	8.15	5.7	1.95	109.7
519	9/6/2009 21:16:20	19.08	52.12	34.37	8.22	8.14	6.2	2.03	108.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
520	9/6/2009 21:31:20	19.39	52.12	34.37	7.82	8.10	7.9	2.11	104.1
521	9/6/2009 21:46:20	19.46	52.12	34.37	7.78	8.08	8.7	2.19	103.8
522	9/6/2009 22:01:20	19.13	52.09	34.34	8.01	8.08	7.6	2.29	106.2
523	9/6/2009 22:16:20	18.88	52.06	34.33	8.08	8.07	6.8	2.38	106.6
524	9/6/2009 22:31:20	18.79	52.05	34.32	8.07	8.06	7.1	2.45	106.2
525	9/6/2009 22:46:20	18.58	52.02	34.29	8.02	8.05	6.3	2.54	105.2
526	9/6/2009 23:01:20	18.32	52.00	34.28	7.90	8.02	6.8	2.62	103.1
527	9/6/2009 23:16:20	18.21	51.99	34.27	7.84	8.00	6.3	2.69	102.1
528	9/6/2009 23:31:20	18.03	51.98	34.26	7.81	7.98	6.0	2.77	101.4
529	9/6/2009 23:46:20	17.91	51.96	34.25	7.83	7.98	6.6	2.86	101.3
530	9/7/2009 0:01:19	17.54	51.77	34.11	7.92	7.98	6.1	2.93	101.8
531	9/7/2009 0:16:20	17.28	51.91	34.20	7.97	7.98	6.2	3.01	101.9
532	9/7/2009 0:31:20	17.11	51.91	34.20	8.01	7.97	6.1	3.07	102.1
533	9/7/2009 0:46:20	16.84	51.87	34.17	8.10	7.97	7.1	3.13	102.6
534	9/7/2009 1:01:20	16.37	51.83	34.13	8.21	7.97	7.0	3.20	103.1
535	9/7/2009 1:16:20	16.06	51.81	34.12	8.34	7.97	5.6	3.27	104.1
536	9/7/2009 1:31:20	15.92	51.64	33.98	8.39	7.97	5.2	3.32	104.4
537	9/7/2009 1:46:20	15.46	51.57	33.93	8.57	7.99	4.3	3.37	105.7
538	9/7/2009 2:01:19	15.27	51.59	33.93	8.69	7.99	4.0	3.40	106.7
539	9/7/2009 2:16:20	15.20	51.76	34.06	8.56	7.99	3.1	3.42	105.0
540	9/7/2009 2:31:20	15.55	51.78	34.08	8.37	7.98	3.7	3.42	103.4
541	9/7/2009 2:46:20	15.17	51.74	34.04	8.60	7.99	4.5	3.39	105.4
542	9/7/2009 3:01:18	15.22	51.28	33.71	8.63	8.00	5.1	3.35	105.6
543	9/7/2009 3:16:19	15.81	51.77	34.08	8.30	7.98	4.9	3.30	103.0
544	9/7/2009 3:31:20	16.58	51.85	34.15	7.84	7.97	6.3	3.22	98.9
545	9/7/2009 3:46:20	16.55	51.84	34.15	7.90	7.97	6.5	3.14	99.5
546	9/7/2009 4:01:20	16.83	51.88	34.17	7.69	7.96	5.6	3.05	97.4
547	9/7/2009 4:16:20	16.86	51.90	34.19	7.73	7.96	5.2	2.96	98.1
548	9/7/2009 4:31:20	17.25	51.96	34.24	7.64	7.97	5.2	2.86	97.6
549	9/7/2009 4:46:20	17.01	51.90	34.20	7.58	7.95	5.1	2.76	96.5
550	9/7/2009 5:01:20	17.33	51.94	34.23	7.43	7.96	5.4	2.67	95.1
551	9/7/2009 5:16:20	17.51	52.00	34.28	7.36	7.95	5.3	2.59	94.5
552	9/7/2009 5:31:20	17.55	51.92	34.21	7.38	7.96	5.7	2.49	94.9
553	9/7/2009 5:46:19	17.42	51.81	34.14	7.48	7.96	5.2	2.39	95.9
554	9/7/2009 6:01:20	17.13	51.94	34.22	7.52	7.95	5.7	2.30	95.9
555	9/7/2009 6:16:20	17.39	51.82	34.14	7.52	7.96	5.8	2.22	96.3
556	9/7/2009 6:31:20	17.39	51.96	34.24	7.45	7.95	6.9	2.13	95.5
557	9/7/2009 6:46:20	17.57	51.97	34.25	7.47	7.96	6.1	2.05	96.1
558	9/7/2009 7:01:20	17.87	52.01	34.29	7.44	7.98	6.5	1.99	96.3
559	9/7/2009 7:16:20	17.94	52.02	34.29	7.42	7.98	5.3	1.93	96.2
560	9/7/2009 7:31:20	18.26	52.04	34.30	7.49	7.98	4.6	1.90	97.6
561	9/7/2009 7:46:20	18.39	52.08	34.34	7.48	7.99	4.6	1.87	97.7
562	9/7/2009 8:01:20	18.50	52.10	34.35	7.42	8.00	4.3	1.89	97.1
563	9/7/2009 8:16:20	18.43	52.13	34.38	7.44	8.00	4.6	1.89	97.3
564	9/7/2009 8:31:20	18.49	52.12	34.37	7.47	8.01	4.3	1.92	97.9
565	9/7/2009 8:46:19	18.47	51.75	34.10	7.54	8.02	6.1	2.00	98.6
566	9/7/2009 9:01:19	18.47	52.10	34.35	7.54	8.04	5.4	2.04	98.8
567	9/7/2009 9:16:19	18.42	52.09	34.35	7.55	8.03	5.6	2.13	98.7
568	9/7/2009 9:31:20	18.43	52.08	34.34	7.42	7.99	6.7	2.22	97.1
569	9/7/2009 9:46:20	18.42	52.07	34.33	7.41	7.98	7.8	2.32	96.9
570	9/7/2009 10:01:17	18.20	41.60	26.73	7.80	8.19	31.7	2.41	97.1
571	9/7/2009 10:16:18	18.10	52.04	34.31	7.49	7.99	5.8	2.48	97.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
572	9/7/2009 10:31:20	18.07	52.02	34.29	7.50	7.98	11.5	2.58	97.4
573	9/7/2009 10:46:20	17.97	52.01	34.29	7.55	7.98	6.0	2.65	97.9
574	9/7/2009 11:01:20	17.78	51.96	34.24	7.65	7.97	13.6	2.74	98.8
575	9/7/2009 11:16:19	17.63	51.95	34.24	7.78	7.97	8.7	2.84	100.2
576	9/7/2009 11:31:21	17.56	42.96	27.71	8.14	7.99	6.5	2.92	100.7
577	9/7/2009 11:46:20	17.20	51.90	34.19	7.93	7.96	7.6	2.99	101.2
578	9/7/2009 12:01:20	16.93	51.87	34.17	8.03	7.97	6.3	3.08	102.0
579	9/7/2009 12:16:19	16.69	51.84	34.15	8.14	7.97	12.1	3.16	102.9
580	9/7/2009 12:31:21	15.97	46.05	29.91	8.76	8.01	8.6	3.26	106.3
581	9/7/2009 12:46:21	15.57	51.76	34.07	8.71	7.99	20.0	3.33	107.7
582	9/7/2009 13:01:13	15.23	48.24	31.49	9.15	8.03	8.7	3.41	110.5
583	9/7/2009 13:16:21	14.81	49.13	32.12	9.26	8.26	9.0	3.49	111.4
584	9/7/2009 13:31:20	14.56	51.66	33.97	9.29	8.01	6.7	3.56	112.5
585	9/7/2009 13:46:20	14.36	51.68	33.97	9.33	8.02	5.1	3.61	112.5
586	9/7/2009 14:01:20	14.26	51.66	33.96	9.34	8.03	4.1	3.65	112.3
587	9/7/2009 14:16:20	14.22	51.64	33.94	9.24	8.03	3.7	3.68	111.1
588	9/7/2009 14:31:20	14.59	51.66	33.97	9.14	8.04	4.5	3.70	110.7
589	9/7/2009 14:46:19	14.28	51.65	33.95	9.16	8.03	4.2	3.68	110.3
590	9/7/2009 15:01:20	14.26	51.65	33.95	9.14	8.04	4.3	3.63	109.9
591	9/7/2009 15:16:20	14.36	51.66	33.96	9.09	8.04	5.7	3.57	109.6
592	9/7/2009 15:31:20	15.68	51.72	34.04	8.95	8.07	8.1	3.50	110.9
593	9/7/2009 15:46:20	15.97	51.74	34.06	8.85	8.07	8.2	3.41	110.2
594	9/7/2009 16:01:21	16.31	46.72	30.40	8.94	8.10	9.2	3.31	109.7
595	9/7/2009 16:16:21	16.57	46.46	30.21	8.93	8.10	10.6	3.20	110.0
596	9/7/2009 16:31:21	16.54	46.85	30.49	9.11	8.13	7.9	3.10	112.3
597	9/7/2009 16:46:20	16.75	51.81	34.13	8.87	8.11	6.0	2.99	112.3
598	9/7/2009 17:01:20	16.59	51.78	34.10	8.95	8.12	5.7	2.87	112.9
599	9/7/2009 17:16:20	16.84	51.64	34.00	8.86	8.13	5.6	2.77	112.2
600	9/7/2009 17:31:20	17.00	51.75	34.08	8.79	8.13	5.7	2.67	111.7
601	9/7/2009 17:46:20	17.61	51.73	34.08	8.57	8.14	6.9	2.55	110.2
602	9/7/2009 18:01:20	17.39	51.85	34.16	8.54	8.14	6.2	2.44	109.4
603	9/7/2009 18:16:20	17.63	51.87	34.18	8.45	8.14	6.2	2.33	108.8
604	9/7/2009 18:31:20	17.64	51.91	34.21	8.40	8.15	6.1	2.22	108.2
605	9/7/2009 18:46:20	17.73	51.84	34.15	8.31	8.15	6.7	2.12	107.2
606	9/7/2009 19:01:20	17.74	51.89	34.19	8.24	8.15	7.3	2.00	106.3
607	9/7/2009 19:16:20	17.95	51.88	34.19	8.11	8.15	7.1	1.90	105.0
608	9/7/2009 19:31:20	18.03	51.90	34.21	8.01	8.14	6.5	1.82	103.9
609	9/7/2009 19:46:20	18.30	51.92	34.22	7.90	8.14	6.7	1.74	103.0
610	9/7/2009 20:01:20	18.53	52.00	34.28	7.79	8.14	6.8	1.69	102.1
611	9/7/2009 20:16:20	18.99	52.04	34.31	7.71	8.15	7.0	1.65	101.9
612	9/7/2009 20:31:19	19.09	52.05	34.32	7.69	8.14	6.5	1.66	101.8
613	9/7/2009 20:46:20	19.24	52.09	34.35	7.57	8.15	6.1	1.66	100.5
614	9/7/2009 21:01:20	19.31	52.11	34.36	7.62	8.15	5.6	1.67	101.4
615	9/7/2009 21:16:20	19.46	52.14	34.38	7.65	8.15	5.7	1.73	102.0
616	9/7/2009 21:31:20	19.47	52.03	34.31	7.65	8.16	6.2	1.80	102.0
617	9/7/2009 21:46:19	19.48	52.08	34.34	7.71	8.16	6.7	1.87	102.9
618	9/7/2009 22:01:20	19.34	52.12	34.37	7.64	8.14	6.8	1.95	101.6
619	9/7/2009 22:16:20	19.72	52.13	34.38	7.20	8.10	9.1	2.04	96.5
620	9/7/2009 22:31:19	19.75	51.93	34.23	7.28	8.10	9.3	2.12	97.5
621	9/7/2009 22:46:19	19.35	51.98	34.27	7.56	8.10	7.9	2.20	100.6
622	9/7/2009 23:01:20	19.16	52.06	34.32	7.53	8.09	7.2	2.27	99.9
623	9/7/2009 23:16:20	19.06	52.04	34.31	7.56	8.09	7.0	2.35	100.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
624	9/7/2009 23:31:20	18.92	52.02	34.30	7.59	8.09	7.2	2.43	100.1
625	9/7/2009 23:46:20	18.73	51.98	34.27	7.52	8.07	6.0	2.51	98.8
626	9/8/2009 0:01:20	18.61	51.98	34.27		8.06	6.8	2.58	
627	9/8/2009 0:16:20	18.38	51.96	34.25		8.04	6.6	2.66	
628	9/8/2009 0:31:20	18.08	51.92	34.22		8.03	5.3	2.73	
629	9/8/2009 0:46:20	17.86	51.90	34.20		8.02	5.7	2.80	
630	9/8/2009 1:01:20	17.72	51.88	34.18		8.02	5.5	2.88	
631	9/8/2009 1:16:20	17.56	51.85	34.17		8.02	5.7	2.94	
632	9/8/2009 1:31:20	17.32	51.84	34.15		8.02	5.2	3.01	
633	9/8/2009 1:46:20	16.92	51.80	34.12		8.01	5.1	3.08	
634	9/8/2009 2:01:20	16.67	51.80	34.11		8.01	5.3	3.13	
635	9/8/2009 2:16:20	16.41	51.77	34.09		8.01	4.5	3.18	
636	9/8/2009 2:31:20	16.19	51.75	34.07		8.01	4.2	3.23	
637	9/8/2009 2:46:20	15.85	51.81	34.11		8.01	3.5	3.27	
638	9/8/2009 3:01:20	15.75	51.59	33.94		7.99	3.1	3.29	
639	9/8/2009 3:16:20	16.08	51.76	34.08		8.00	3.4	3.29	
640	9/8/2009 3:31:20	15.68	51.74	34.05		7.99	3.3	3.28	
641	9/8/2009 3:46:20	15.82	51.74	34.06		7.99	4.0	3.23	
642	9/8/2009 4:01:20	16.39	51.80	34.11		8.00	4.5	3.19	
643	9/8/2009 4:16:20	17.32	51.76	34.09		7.99	7.2	3.11	
644	9/8/2009 4:31:20	17.39	51.91	34.20		8.00	5.9	3.03	
645	9/8/2009 4:46:20	17.70	51.96	34.24		7.99	6.7	2.95	
646	9/8/2009 5:01:19	17.73	51.77	34.10		7.97	6.4	2.86	
647	9/8/2009 5:16:21	17.65	45.57	29.58		8.00	6.2	2.77	
648	9/8/2009 5:31:20	17.84	51.85	34.16		7.97	5.8	2.68	
649	9/8/2009 5:46:20	17.81	51.34	33.79		7.97	5.7	2.61	
650	9/8/2009 6:01:20	17.87	51.78	34.11		7.97	6.0	2.52	
651	9/8/2009 6:16:21	17.82	45.44	29.49		8.00	5.7	2.45	
652	9/8/2009 6:31:20	17.73	51.04	33.57		7.98	5.7	2.37	
653	9/8/2009 6:46:18	17.59	51.19	33.67		7.98	5.7	2.28	
654	9/8/2009 7:01:20	17.60	51.08	33.60		7.97	5.9	2.22	
655	9/8/2009 7:16:20	17.70	51.24	33.72		7.98	5.6	2.14	
656	9/8/2009 7:31:20	17.82	51.06	33.58		7.98	5.6	2.09	
657	9/8/2009 7:46:20	17.93	52.00	34.28		7.98	5.2	2.05	
658	9/8/2009 8:01:20	18.16	51.34	33.79		8.00	5.3	2.01	
659	9/8/2009 8:16:19	18.26	51.34	33.79		8.01	4.9	2.00	
660	9/8/2009 8:31:19	18.42	52.03	34.30		8.01	4.4	2.00	
661	9/8/2009 8:46:21	18.36	52.01	34.29		8.02	4.5	2.04	
662	9/8/2009 9:01:20	18.39	51.15	33.65		8.01	4.7	2.06	
663	9/8/2009 9:16:19	18.34	51.55	33.95		8.01	5.5	2.11	
664	9/8/2009 9:31:19	18.41	51.11	33.63		8.01	5.9	2.18	
665	9/8/2009 9:46:20	18.39	51.92	34.22		8.01	10.5	2.26	
666	9/8/2009 10:01:19	18.33	51.13	33.64		8.01	5.8	2.33	
667	9/8/2009 10:16:19	18.24	51.14	33.65		8.00	5.9	2.40	
668	9/8/2009 10:31:19	18.10	51.27	33.74		7.99	6.0	2.48	
669	9/8/2009 10:46:22	18.01	51.96	34.25		7.99	12.0	2.57	
670	9/8/2009 11:01:20	17.99	51.70	34.05		7.98	8.3	2.64	
671	9/8/2009 11:16:22	17.81	51.91	34.21		7.99	28.6	2.71	
672	9/8/2009 11:31:19	17.70	50.98	33.53		8.00	5.6	2.80	
673	9/8/2009 11:46:19	17.53	51.15	33.65		8.00	6.2	2.88	
674	9/8/2009 12:01:19	17.40	51.67	34.03		8.00	16.2	2.96	
675	9/8/2009 12:16:20	17.06	51.32	33.77		8.00	16.9	3.04	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
676	9/8/2009 12:31:19	16.78	50.89	33.45		8.00	7.6	3.13	
677	9/8/2009 12:46:20	16.45	50.89	33.45		7.99	7.9	3.22	
678	9/8/2009 13:01:20	15.84	50.92	33.45		7.99	8.6	3.30	
679	9/8/2009 13:16:20	15.37	50.79	33.35		7.98	7.1	3.38	
680	9/8/2009 13:31:20	15.04	50.72	33.29		7.98	8.2	3.46	
681	9/8/2009 13:46:21	14.60	51.45	33.81		8.23	20.8	3.53	
682	9/8/2009 14:01:20	14.46	51.07	33.53		7.99	11.1	3.59	
683	9/8/2009 14:16:19	14.09	51.15	33.58		7.99	9.7	3.65	
684	9/8/2009 14:31:20	14.05	50.69	33.24		7.98	3.7	3.68	
685	9/8/2009 14:46:20	13.95	51.25	33.65		7.99	3.2	3.71	
686	9/8/2009 15:01:20	14.54	50.60	33.19		8.00	3.4	3.72	
687	9/8/2009 15:16:20	14.11	50.68	33.23		7.98	4.1	3.70	
688	9/8/2009 15:31:20	14.04	51.23	33.64		7.98	4.2	3.65	
689	9/8/2009 15:46:21	14.16	51.46	33.81		7.76	4.1	3.60	
690	9/8/2009 16:01:27	15.80	50.74	33.32		8.03	13.2	3.52	
691	9/8/2009 16:16:20	16.17	51.16	33.64		8.05	23.7	3.43	
692	9/8/2009 16:31:20	16.66	50.83	33.40		8.07	21.7	3.33	
693	9/8/2009 16:46:20	17.07	51.77	34.10		8.09	25.0	3.23	
694	9/8/2009 17:01:21	17.27	47.30	30.83		8.12	21.2	3.13	
695	9/8/2009 17:16:21	17.50	47.11	30.69		8.13	16.0	3.03	
696	9/8/2009 17:31:20	17.91	51.43	33.86		8.12	15.3	2.91	
697	9/8/2009 17:46:20	18.32	50.96	33.51		8.13	38.1	2.81	
698	9/8/2009 18:01:20	18.43	51.60	33.98		8.13	47.4	2.71	
699	9/8/2009 18:16:24	18.53	51.92	34.22		8.14	8.3	2.59	
700	9/8/2009 18:31:21	18.40	51.38	33.82		8.15	28.7	2.48	
701	9/8/2009 18:46:11	18.22	51.88	34.19		8.15	40.1	2.37	
702	9/8/2009 19:01:12	18.01	51.38	33.82		8.14	6.3	2.26	
703	9/8/2009 19:16:14	18.02	51.93	34.22		8.13		2.15	
704	9/8/2009 19:31:09	17.85	51.86	34.17		8.13	8.1	2.04	
705	9/8/2009 19:46:12	18.19	51.98	34.27		8.12	8.7	1.92	
706	9/8/2009 20:01:23	18.17	51.93	34.23		8.12	17.8	1.83	
707	9/8/2009 20:16:20	18.46	51.99	34.27		8.12	6.2	1.74	
708	9/8/2009 20:31:20	18.71	52.02	34.29		8.12	6.2	1.67	
709	9/8/2009 20:46:20	18.99	52.06	34.33		8.12	7.0	1.64	
710	9/8/2009 21:01:19	19.21	52.09	34.35		8.13	8.4	1.61	
711	9/8/2009 21:16:20	19.46	52.13	34.38		8.13	5.1	1.59	
712	9/8/2009 21:31:20	19.43	52.17	34.41		8.13	5.1	1.61	
713	9/8/2009 21:46:18	19.48	52.00	34.28		8.14	4.5	1.64	
714	9/8/2009 22:01:20	19.41	52.12	34.37		8.13	6.5	1.67	
715	9/8/2009 22:16:20	19.50	52.14	34.38		8.14	8.2	1.75	
716	9/8/2009 22:31:20	19.43	52.12	34.37		8.13	9.2	1.82	
717	9/8/2009 22:46:20	19.40	52.12	34.37		8.12	6.0	1.87	
718	9/8/2009 23:01:19	19.67	52.11	34.36		8.09	7.6	1.96	
719	9/8/2009 23:16:20	19.68	52.11	34.36		8.07	8.2	2.04	
720	9/8/2009 23:31:20	19.44	52.08	34.34		8.09	7.6	2.11	
721	9/8/2009 23:46:20	19.30	52.08	34.34		8.09	6.6	2.18	
722	9/9/2009 0:01:20	19.21	52.06	34.33		8.08	6.2	2.26	
723	9/9/2009 0:16:20	19.10	52.05	34.32		8.09	6.3	2.34	
724	9/9/2009 0:31:20	18.90	52.02	34.30		8.08	7.1	2.41	
725	9/9/2009 0:46:20	18.70	52.00	34.28		8.07	6.7	2.48	
726	9/9/2009 1:01:19	18.61	51.97	34.26		8.06	8.8	2.56	
727	9/9/2009 1:16:20	18.47	51.96	34.25		8.05	5.8	2.64	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
728	9/9/2009 1:31:20	18.33	51.93	34.22		8.04	5.2	2.70	
729	9/9/2009 1:46:20	18.09	51.91	34.21		8.04	4.9	2.77	
730	9/9/2009 2:01:16	17.86	51.92	34.21		8.03	5.1	2.83	
731	9/9/2009 2:16:20	17.73	51.84	34.16		8.03	4.8	2.89	
732	9/9/2009 2:31:20	17.53	51.86	34.17		8.02	4.8	2.96	
733	9/9/2009 2:46:20	17.19	51.82	34.14		8.02	4.5	3.01	
734	9/9/2009 3:01:20	17.06	51.81	34.13		8.02	4.3	3.06	
735	9/9/2009 3:16:20	16.74	51.88	34.18		8.01	3.9	3.11	
736	9/9/2009 3:31:20	16.59	51.82	34.13		8.01	3.7	3.13	
737	9/9/2009 3:46:20	16.54	51.77	34.09		8.00	3.4	3.16	
738	9/9/2009 4:01:20	16.64	51.57	33.94		8.00	3.4	3.17	
739	9/9/2009 4:16:20	16.48	51.78	34.10		7.99	3.5	3.16	
740	9/9/2009 4:31:20	16.44	51.77	34.09		7.99	3.4	3.13	
741	9/9/2009 4:46:20	16.73	51.79	34.11		8.00	3.8	3.08	
742	9/9/2009 5:01:20	17.18	51.86	34.17		8.01	4.6	3.03	
743	9/9/2009 5:16:20	17.57	52.02	34.29		7.98	6.7	2.97	
744	9/9/2009 5:31:20	17.64	51.94	34.23		7.98	5.8	2.89	
745	9/9/2009 5:46:20	17.73	51.88	34.19		7.98	5.9	2.82	
746	9/9/2009 6:01:20	17.75	51.96	34.25		7.98	6.0	2.74	
747	9/9/2009 6:16:20	17.70	52.00	34.27		7.98	5.0	2.66	
748	9/9/2009 6:31:20	17.77	52.00	34.28		7.97	5.1	2.60	
749	9/9/2009 6:46:20	17.84	52.01	34.28		7.98	5.6	2.53	
750	9/9/2009 7:01:20	17.83	51.99	34.27		7.98	5.2	2.47	
751	9/9/2009 7:16:20	17.86	51.99	34.27		7.98	5.2	2.40	
752	9/9/2009 7:31:20	17.85	51.98	34.26		7.98	5.1	2.35	
753	9/9/2009 7:46:21	17.94	47.36	30.88		8.01	4.8	2.31	
754	9/9/2009 8:01:19	18.03	51.88	34.19		7.99	4.9	2.25	
755	9/9/2009 8:16:20	17.99	51.93	34.22		7.99	4.6	2.21	
756	9/9/2009 8:31:20	18.22	51.91	34.21		8.00	4.5	2.20	
757	9/9/2009 8:46:20	18.34	51.89	34.20		8.01	4.0	2.19	
758	9/9/2009 9:01:20	18.46	52.04	34.31		8.01	3.9	2.18	
759	9/9/2009 9:16:20	18.38	52.05	34.32		8.01	4.2	2.20	
760	9/9/2009 9:31:20	18.35	51.96	34.25		8.01	4.1	2.23	
761	9/9/2009 9:46:20	18.35	51.86	34.18		8.01	4.6	2.27	
762	9/9/2009 10:01:20	18.39	52.07	34.33		8.01	13.8	2.31	
763	9/9/2009 10:16:13	18.35	52.08	34.34		8.01	17.0	2.37	
764	9/9/2009 10:31:11	18.35	51.82	34.15		8.01		2.44	
765	9/9/2009 10:46:18	18.27	52.05	34.32		8.01	6.0	2.51	
766	9/9/2009 11:01:22	18.22	51.84	34.16		8.00	7.0	2.58	
767	9/9/2009 11:16:18	18.13	51.27	33.74		8.00	5.2	2.64	
768	9/9/2009 11:31:20	17.88	51.98	34.27		7.99	8.2	2.72	
769	9/9/2009 11:46:13	17.75	51.95	34.24		8.00	7.9	2.80	
770	9/9/2009 12:01:19	17.60	51.56	33.95		8.01		2.86	
771	9/9/2009 12:16:11	17.46	51.21	33.69		8.01	4.9	2.94	
772	9/9/2009 12:31:20	17.36	51.88	34.19		8.01	5.4	3.02	
773	9/9/2009 12:46:19	17.19	50.90	33.46		8.01	9.9	3.10	
774	9/9/2009 13:01:20	16.70	51.83	34.14		8.00	6.0	3.17	
775	9/9/2009 13:16:22	16.40	51.78	34.10		8.05	6.4	3.25	
776	9/9/2009 13:31:21	16.06	50.30	33.01		8.22	5.6	3.34	
777	9/9/2009 13:46:13	15.46	50.68	33.27		8.22	6.6	3.41	
778	9/9/2009 14:01:11	15.17	51.64	33.97		7.98	6.0	3.49	
779	9/9/2009 14:16:12	14.88	51.65	33.97		7.97	4.9	3.56	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
780	9/9/2009 14:31:13	14.64	51.61	33.93		7.74	4.3	3.61	
781	9/9/2009 14:46:13	14.37	51.62	33.93		7.73	4.3	3.67	
782	9/9/2009 15:01:20	14.23	51.67	33.96		7.96	3.2	3.70	
783	9/9/2009 15:16:22	14.23	51.63	33.93		8.06	13.5	3.72	
784	9/9/2009 15:31:21	14.55	51.68	33.98		8.23	2.7	3.72	
785	9/9/2009 15:46:20	14.28	51.67	33.96		7.96	2.3	3.71	
786	9/9/2009 16:01:21	14.38	51.57	33.89		8.22	3.4	3.67	
787	9/9/2009 16:16:21	14.58	51.56	33.90		8.22	4.2	3.61	
788	9/9/2009 16:31:19	15.95	50.74	33.33		8.02	4.7	3.54	
789	9/9/2009 16:46:19	16.33	51.76	34.08		8.04	5.9	3.46	
790	9/9/2009 17:01:20	16.65	51.81	34.12		8.05	6.3	3.38	
791	9/9/2009 17:16:20	17.03	51.50	33.90		8.06	6.6	3.28	
792	9/9/2009 17:31:20	17.32	51.42	33.84		8.09	6.8	3.18	
793	9/9/2009 17:46:20	17.54	51.21	33.69		8.09	5.7	3.09	
794	9/9/2009 18:01:20	17.87	51.17	33.67		8.10	6.0	2.98	
795	9/9/2009 18:16:20	18.12	51.04	33.57		8.12	5.7	2.89	
796	9/9/2009 18:31:20	18.40	51.57	33.96		8.12	6.4	2.78	
797	9/9/2009 18:46:20	18.22	51.09	33.61		8.13	4.8	2.66	
798	9/9/2009 19:01:20	18.21	51.45	33.87		8.13	4.7	2.57	
799	9/9/2009 19:16:20	18.04	51.72	34.07		8.12	6.0	2.45	
800	9/9/2009 19:31:20	17.87	51.83	34.15		8.11	6.3	2.34	
801	9/9/2009 19:46:20	17.92	51.64	34.01		8.10	6.2	2.23	
802	9/9/2009 20:01:20	17.77	50.99	33.53		8.09	6.5	2.13	
803	9/9/2009 20:16:19	18.01	51.53	33.93		8.09	5.9	2.01	
804	9/9/2009 20:31:20	18.10	51.09	33.61		8.09	6.3	1.91	
805	9/9/2009 20:46:20	18.39	51.16	33.66		8.09	6.0	1.81	
806	9/9/2009 21:01:20	18.45	51.59	33.98		8.08	6.4	1.74	
807	9/9/2009 21:16:20	18.77	52.05	34.32		8.09	5.7	1.66	
808	9/9/2009 21:31:18	19.20	51.26	33.73		8.12	5.6	1.62	
809	9/9/2009 21:46:20	19.33	51.99	34.27		8.12	5.2	1.57	
810	9/9/2009 22:01:21	19.54	46.13	29.98		8.15	4.6	1.57	
811	9/9/2009 22:16:20	19.59	51.27	33.74		8.13	4.8	1.58	
812	9/9/2009 22:31:21	19.51	46.14	29.99		8.15	4.4	1.60	
813	9/9/2009 22:46:19	19.55	51.33	33.79		8.13	6.5	1.63	
814	9/9/2009 23:01:20	19.54	51.25	33.72		8.13	6.4	1.69	
815	9/9/2009 23:16:21	19.54	46.20	30.04		8.15	5.2	1.76	
816	9/9/2009 23:31:21	19.50	46.78	30.46		8.15	5.6	1.83	
817	9/9/2009 23:46:21	19.58	51.57	33.96		8.10	6.4	1.88	
818	9/10/2009 0:01:20	19.64	51.79	34.13		8.08	7.0	1.95	
819	9/10/2009 0:16:21	19.65	46.30	30.11		8.09	7.8	2.04	
820	9/10/2009 0:31:21	19.39	52.12	34.37		8.09	6.4	2.10	
821	9/10/2009 0:46:20	19.29	51.53	33.93		8.08	5.7	2.16	
822	9/10/2009 1:01:21	19.24	46.87	30.52		8.10	5.7	2.23	
823	9/10/2009 1:16:20	19.17	51.54	33.94		8.08	6.0	2.30	
824	9/10/2009 1:31:20	18.99	51.66	34.03		8.08	5.4	2.38	
825	9/10/2009 1:46:20	18.83	51.85	34.17		8.06	5.0	2.43	
826	9/10/2009 2:01:20	18.74	51.11	33.63		8.06	4.7	2.50	
827	9/10/2009 2:16:20	18.66	51.60	33.99		8.05	4.8	2.58	
828	9/10/2009 2:31:20	18.58	51.09	33.61		8.04	4.9	2.65	
829	9/10/2009 2:46:20	18.47	51.17	33.67		8.04	4.7	2.71	
830	9/10/2009 3:01:20	18.35	51.15	33.65		8.04	4.2	2.76	
831	9/10/2009 3:16:20	18.21	51.66	34.03		8.03	4.2	2.81	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
832	9/10/2009 3:31:20	18.03	51.83	34.15		8.03	3.8	2.87	
833	9/10/2009 3:46:21	17.86	48.55	31.75		8.05	4.0	2.92	
834	9/10/2009 4:01:20	17.75	51.04	33.57		8.01	3.5	2.95	
835	9/10/2009 4:16:21	17.47	49.27	32.27		8.04	3.6	2.99	
836	9/10/2009 4:31:15	17.35	51.86	34.17		8.00		3.01	
837	9/10/2009 4:46:15	17.47	50.79	33.38		8.01	3.0	3.04	
838	9/10/2009 5:01:20	17.28	51.49	33.90		7.99	2.7	3.04	
839	9/10/2009 5:16:20	17.41	51.24	33.71		8.00	2.6	3.03	
840	9/10/2009 5:31:20	17.24	50.94	33.49		7.99	3.1	3.01	
841	9/10/2009 5:46:20	17.42	51.02	33.55		7.99	2.9	2.99	
842	9/10/2009 6:01:20	17.64	51.86	34.17		7.99	3.4	2.93	
843	9/10/2009 6:16:22	18.01	51.95	34.24		8.01	4.2	2.87	
844	9/10/2009 6:31:18	18.18	51.11	33.62		7.98	7.8	2.82	
845	9/10/2009 6:46:19	18.21	52.05	34.32		7.96	5.7	2.76	
846	9/10/2009 7:01:20	18.22	52.05	34.31		7.95	5.6	2.69	
847	9/10/2009 7:16:20	18.21	52.03	34.30		7.95	5.4	2.63	
848	9/10/2009 7:31:20	18.24	52.00	34.28		7.95	5.0	2.58	
849	9/10/2009 7:46:20	18.28	51.97	34.25		7.96	5.1	2.53	
850	9/10/2009 8:01:20	18.35	52.01	34.28		7.96	5.3	2.48	
851	9/10/2009 8:16:20	18.37	52.03	34.30		7.96	4.8	2.43	
852	9/10/2009 8:31:20	18.45	51.83	34.15		7.97	4.7	2.41	
853	9/10/2009 8:46:20	18.46	52.04	34.31		7.98	5.1	2.37	
854	9/10/2009 9:01:20	18.57	52.04	34.31		7.99	4.1	2.35	
855	9/10/2009 9:16:20	18.62	52.05	34.32		7.99	4.5	2.34	
856	9/10/2009 9:31:20	18.71	52.04	34.31		8.01	3.7	2.34	
857	9/10/2009 9:46:20	18.69	52.04	34.31		8.00	4.0	2.35	
858	9/10/2009 10:01:20	18.75	52.10	34.35		8.01	3.3	2.36	
859	9/10/2009 10:16:20	18.69	52.08	34.34		8.00	3.3	2.39	
860	9/10/2009 10:31:20	18.70	52.07	34.33		8.01	3.8	2.42	
861	9/10/2009 10:46:19	18.68	51.79	34.13		8.01	4.2	2.47	
862	9/10/2009 11:01:19	18.63	51.97	34.25		8.00	4.1	2.52	
863	9/10/2009 11:16:20	18.52	52.03	34.30		7.99	3.8	2.57	
864	9/10/2009 11:31:19	18.43	51.74	34.09		7.99	3.8	2.63	
865	9/10/2009 11:46:21	18.41	52.00	34.28		7.99	3.9	2.69	
866	9/10/2009 12:01:21	18.26	49.37	32.34		8.02	3.6	2.76	
867	9/10/2009 12:16:19	18.11	51.02	33.55		8.00	4.0	2.81	
868	9/10/2009 12:31:20	17.85	51.62	34.00		7.99	3.6	2.88	
869	9/10/2009 12:46:19	17.65	51.75	34.09		8.00	3.9	2.95	
870	9/10/2009 13:01:19	17.24	51.68	34.03		7.99	4.1	3.02	
871	9/10/2009 13:16:21	16.98	51.81	34.13		7.79	4.2	3.09	
872	9/10/2009 13:31:20	16.75	51.45	33.86		7.98	3.7	3.16	
873	9/10/2009 13:46:19	16.46	51.46	33.86		7.98	3.8	3.24	
874	9/10/2009 14:01:22	16.10	51.62	33.97		8.05	5.4	3.31	
875	9/10/2009 14:16:21	15.88	51.34	33.77		8.22	5.1	3.38	
876	9/10/2009 14:31:20	15.39	51.49	33.86		7.97	4.6	3.45	
877	9/10/2009 14:46:20	15.11	51.36	33.76		7.97	4.9	3.52	
878	9/10/2009 15:01:19	14.88	51.33	33.74		7.96	3.9	3.57	
879	9/10/2009 15:16:19	14.70	50.75	33.30		7.96	2.7	3.62	
880	9/10/2009 15:31:20	14.58	51.07	33.53		7.96	2.7	3.67	
881	9/10/2009 15:46:20	14.45	51.52	33.86		7.96	2.1	3.70	
882	9/10/2009 16:01:21	14.42	51.22	33.64		8.22	1.9	3.70	
883	9/10/2009 16:16:21	14.45	50.87	33.38		8.22	1.8	3.71	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
884	9/10/2009 16:31:20	14.42	51.14	33.58		7.95	2.3	3.69	
885	9/10/2009 16:46:20	14.57	51.11	33.57		7.95	2.4	3.65	
886	9/10/2009 17:01:21	14.93	50.54	33.16		8.23	2.9	3.60	
887	9/10/2009 17:16:18	16.00	51.28	33.72		7.97	3.5	3.54	
888	9/10/2009 17:31:20	16.39	51.08	33.58		8.02	4.6	3.46	
889	9/10/2009 17:46:21	16.70	51.06	33.57		8.27	6.5	3.37	
890	9/10/2009 18:01:19	16.86	51.42	33.84		8.03	5.6	3.28	
891	9/10/2009 18:16:18	17.19	51.44	33.86		8.10	5.7	3.19	
892	9/10/2009 18:31:17	17.26	51.46	33.87		7.86	4.7	3.11	
893	9/10/2009 18:46:19	17.49	51.13	33.63		8.07	3.7	3.01	
894	9/10/2009 19:01:17	17.55	51.37	33.81		7.88	3.8	2.92	
895	9/10/2009 19:16:18	17.78	51.53	33.93		8.08	3.9	2.82	
896	9/10/2009 19:31:17	17.89	51.55	33.94		7.90	4.0	2.73	
897	9/10/2009 19:46:19	17.67	51.59	33.97		8.06	12.3	2.62	
898	9/10/2009 20:01:21	18.05	50.02	32.82		8.09	8.9	2.52	
899	9/10/2009 20:16:20	17.96	51.54	33.94		8.04	6.2	2.41	
900	9/10/2009 20:31:21	18.12	49.93	32.76		8.26	9.4	2.32	
901	9/10/2009 20:46:19	18.04	50.97	33.52		8.04	5.8	2.21	
902	9/10/2009 21:01:20	18.14	51.65	34.02		8.03	6.0	2.08	
903	9/10/2009 21:16:20	18.39	51.68	34.04		8.04	7.4	2.00	
904	9/10/2009 21:31:19	18.37	51.70	34.06		8.03	5.1	1.90	
905	9/10/2009 21:46:20	18.61	51.01	33.55		8.04	5.0	1.80	
906	9/10/2009 22:01:20	18.85	51.75	34.10		8.05	4.3	1.73	
907	9/10/2009 22:16:20	19.10	51.48	33.90		8.06	4.4	1.66	
908	9/10/2009 22:31:19	19.22	51.70	34.06		8.06	4.4	1.63	
909	9/10/2009 22:46:19	19.42	51.65	34.02		8.07	4.5	1.60	
910	9/10/2009 23:01:21	19.52	47.33	30.85		8.10	4.0	1.58	
911	9/10/2009 23:16:20	19.65	51.68	34.04		8.08	3.4	1.59	
912	9/10/2009 23:31:19	19.58	51.41	33.85		8.08	4.2	1.62	
913	9/10/2009 23:46:17	19.54	51.33	33.78		8.08	3.5	1.65	
914	9/11/2009 0:01:18	19.50	51.91	34.22		8.08	4.0	1.68	
915	9/11/2009 0:16:21	19.54	52.17	34.41		8.08	6.2	1.75	
916	9/11/2009 0:31:21	19.50	48.72	31.87		8.10	5.4	1.81	
917	9/11/2009 0:46:20	19.44	51.42	33.85		8.07	4.5	1.85	
918	9/11/2009 1:01:20	19.65	52.11	34.36		8.03	9.0	1.91	
919	9/11/2009 1:16:20	19.66	51.26	33.74		8.03	6.3	1.97	
920	9/11/2009 1:31:20	19.58	51.76	34.11		8.03	6.7	2.05	
921	9/11/2009 1:46:20	19.40	51.64	34.01		8.04	6.1	2.11	
922	9/11/2009 2:01:20	19.32	51.75	34.10		8.04	5.4	2.16	
923	9/11/2009 2:16:20	19.26	51.11	33.62		8.04	5.3	2.24	
924	9/11/2009 2:31:20	19.18	51.74	34.09		8.04	5.7	2.31	
925	9/11/2009 2:46:20	19.07	51.07	33.60		8.04	6.4	2.37	
926	9/11/2009 3:01:20	18.97	51.21	33.70		8.03	6.8	2.44	
927	9/11/2009 3:16:19	18.80	51.08	33.60		8.02	4.5	2.51	
928	9/11/2009 3:31:20	18.70	51.22	33.70		8.02	5.5	2.57	
929	9/11/2009 3:46:21	18.61	49.86	32.70		8.04	5.4	2.63	
930	9/11/2009 4:01:20	18.43	50.92	33.48		8.01	4.0	2.68	
931	9/11/2009 4:16:20	18.27	51.79	34.13		8.00	4.3	2.73	
932	9/11/2009 4:31:20	18.10	51.18	33.68		8.00	4.0	2.78	
933	9/11/2009 4:46:21	17.97	50.16	32.92		8.22	3.7	2.83	
934	9/11/2009 5:01:21	17.87	51.30	33.76		7.81	4.6	2.87	
935	9/11/2009 5:16:21	17.75	50.15	32.92		8.22	3.3	2.89	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
936	9/11/2009 5:31:20	17.69	51.10	33.61		7.98	4.9	2.93	
937	9/11/2009 5:46:19	17.48	50.93	33.48		7.97	2.7	2.96	
938	9/11/2009 6:01:21	17.33	51.60	33.97		8.21	2.3	2.96	
939	9/11/2009 6:16:22	17.50	51.67	34.03		8.04	2.9	2.97	
940	9/11/2009 6:31:20	17.30	51.74	34.08		7.96	2.6	2.96	
941	9/11/2009 6:46:21	17.31	51.56	33.94		8.20	2.7	2.95	
942	9/11/2009 7:01:20	17.39	51.03	33.56		7.97	3.0	2.92	
943	9/11/2009 7:16:20	17.62	51.79	34.12		7.98	3.3	2.87	
944	9/11/2009 7:31:21	17.98	51.88	34.19		7.80	3.7	2.83	
945	9/11/2009 7:46:22	18.20	51.94	34.24		8.01	4.4	2.79	
946	9/11/2009 8:01:21	18.23	50.30	33.03		8.16	4.9	2.74	
947	9/11/2009 8:16:20	18.28	51.95	34.24		7.93	4.5	2.69	
948	9/11/2009 8:31:20	18.26	51.91	34.21		7.93	4.2	2.64	
949	9/11/2009 8:46:20	18.32	51.93	34.23		7.93	3.9	2.61	
950	9/11/2009 9:01:20	18.34	51.92	34.22		7.93	3.8	2.59	
951	9/11/2009 9:16:21	18.40	50.18	32.94		8.15	3.8	2.55	
952	9/11/2009 9:31:20	18.50	51.57	33.97		7.94	3.6	2.52	
953	9/11/2009 9:46:20	18.61	51.70	34.06		7.96	3.4	2.51	
954	9/11/2009 10:01:20	18.70	51.91	34.21		7.97	3.1	2.50	
955	9/11/2009 10:16:21	18.75	51.98	34.26		7.97	3.2	2.49	
956	9/11/2009 10:31:21	18.74	50.04	32.84		8.00	3.7	2.50	
957	9/11/2009 10:46:21	18.78	50.07	32.86		8.20	2.9	2.52	
958	9/11/2009 11:01:21	18.70	50.09	32.87		8.00	3.0	2.54	
959	9/11/2009 11:16:20	18.61	51.62	34.00		7.96	3.4	2.56	
960	9/11/2009 11:31:20	18.58	51.76	34.10		7.97	3.8	2.60	
961	9/11/2009 11:46:21	18.44	50.36	33.07		8.19	4.2	2.63	
962	9/11/2009 12:01:20	18.35	51.00	33.54		7.96	3.5	2.68	
963	9/11/2009 12:16:20	18.28	51.61	33.99		7.97	4.0	2.73	
964	9/11/2009 12:31:20	18.19	50.93	33.49		7.98	3.5	2.76	
965	9/11/2009 12:46:20	17.99	51.04	33.57		7.97	3.3	2.83	
966	9/11/2009 13:01:19	17.81	51.77	34.11		7.97	3.0	2.88	
967	9/11/2009 13:16:19	17.47	51.57	33.96		7.97	3.1	2.94	
968	9/11/2009 13:31:21	17.25	51.58	33.96		8.20	3.1	3.00	
969	9/11/2009 13:46:20	16.84	51.19	33.67		7.96	2.9	3.05	
970	9/11/2009 14:01:20	16.48	51.43	33.84		7.96	2.8	3.13	
971	9/11/2009 14:16:21	16.29	51.56	33.93		8.21	2.9	3.19	
972	9/11/2009 14:31:22	16.03	51.64	33.99		8.05	3.1	3.25	
973	9/11/2009 14:46:21	15.75	51.56	33.93		8.21	2.9	3.31	
974	9/11/2009 15:01:21	15.54	51.57	33.92		8.21	2.9	3.39	
975	9/11/2009 15:16:20	15.33	51.57	33.92		7.95	2.9	3.45	
976	9/11/2009 15:31:19	15.00	51.51	33.87		7.93	2.5	3.50	
977	9/11/2009 15:46:20	14.80	51.59	33.92		7.93	2.1	3.56	
978	9/11/2009 16:01:20	14.52	51.59	33.91		7.92	2.1	3.60	
979	9/11/2009 16:16:21	14.46	51.57	33.90		8.20	1.7	3.64	
980	9/11/2009 16:31:20	14.39	51.61	33.92		7.93	1.5	3.68	
981	9/11/2009 16:46:20	14.34	51.59	33.91		7.92	1.0	3.70	
982	9/11/2009 17:01:19	14.44	50.70	33.26		7.91	1.2	3.71	
983	9/11/2009 17:16:19	14.29	50.66	33.23		7.90	2.2	3.69	
984	9/11/2009 17:31:21	14.31	51.55	33.88		8.20	1.6	3.69	
985	9/11/2009 17:46:20	14.35	50.82	33.35		7.92	1.8	3.64	
986	9/11/2009 18:01:21	14.57	51.32	33.71		8.20	3.2	3.61	
987	9/11/2009 18:16:20	15.45	51.16	33.62		7.97	2.7	3.55	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
988	9/11/2009 18:31:20	15.52	50.96	33.48		7.97	2.3	3.47	
989	9/11/2009 18:46:20	15.83	51.33	33.75		7.98	2.9	3.40	
990	9/11/2009 19:01:21	16.62	51.41	33.83		8.25	4.2	3.31	
991	9/11/2009 19:16:20	17.04	51.19	33.67		8.02	4.1	3.23	
992	9/11/2009 19:31:20	17.07	51.62	33.99		8.02	3.8	3.16	
993	9/11/2009 19:46:20	17.15	51.09	33.60		8.02	3.5	3.06	
994	9/11/2009 20:01:20	16.98	51.72	34.06		8.01	3.5	2.95	
995	9/11/2009 20:16:21	17.02	51.77	34.09		8.25	3.5	2.85	
996	9/11/2009 20:31:20	17.09	51.72	34.06		8.01	4.0	2.75	
997	9/11/2009 20:46:20	17.20	51.69	34.04		8.01	3.8	2.67	
998	9/11/2009 21:01:20	17.76	51.53	33.93		8.02	5.1	2.56	
999	9/11/2009 21:16:20	17.82	51.83	34.15		8.02	5.4	2.45	
1000	9/11/2009 21:31:20	17.92	51.89	34.20		8.02	5.1	2.37	
1001	9/11/2009 21:46:20	17.78	51.54	33.94		8.00	5.4	2.25	
1002	9/11/2009 22:01:20	17.73	51.70	34.06		7.99	5.4	2.17	
1003	9/11/2009 22:16:20	18.03	51.71	34.07		8.00	5.6	2.06	
1004	9/11/2009 22:31:20	18.25	51.95	34.25		8.00	4.8	1.98	
1005	9/11/2009 22:46:20	18.44	51.84	34.16		8.00	4.7	1.87	
1006	9/11/2009 23:01:21	18.76	51.84	34.17		8.23	4.5	1.83	
1007	9/11/2009 23:16:20	18.90	51.78	34.12		8.02	4.6	1.76	
1008	9/11/2009 23:31:20	19.26	52.12	34.37		8.04	4.5	1.70	
1009	9/11/2009 23:46:20	19.38	51.52	33.92		8.05	4.2	1.64	
1010	9/12/2009 0:01:21	19.42	50.40	33.10		8.07	3.8	1.61	
1011	9/12/2009 0:16:20	19.61	52.19	34.42		8.05	3.4	1.63	
1012	9/12/2009 0:31:20	19.44	52.15	34.39		8.05	3.3	1.61	
1013	9/12/2009 0:46:20	19.53	52.17	34.40		8.05	3.2	1.63	
1014	9/12/2009 1:01:20	19.52	52.17	34.41		8.05	3.2	1.67	
1015	9/12/2009 1:16:21	19.44	50.38	33.09		8.07	3.4	1.71	
1016	9/12/2009 1:31:19	19.42	52.16	34.40		8.05	3.8	1.73	
1017	9/12/2009 1:46:20	19.40	52.15	34.39		8.04	3.6	1.82	
1018	9/12/2009 2:01:20	19.37	52.16	34.40		8.04	4.0	1.85	
1019	9/12/2009 2:16:20	19.54	52.12	34.37		8.01	5.2	1.92	
1020	9/12/2009 2:31:20	19.56	52.10	34.36		8.00	5.9	2.00	
1021	9/12/2009 2:46:12	19.50	51.04	33.57		8.00	10.1	2.05	
1022	9/12/2009 3:01:19	19.33	52.09	34.35		8.01	6.3	2.12	
1023	9/12/2009 3:16:18	19.22	51.17	33.67		7.99	5.6	2.16	
1024	9/12/2009 3:31:20	19.16	51.95	34.24		8.01	6.7	2.23	
1025	9/12/2009 3:46:21	19.07	50.74	33.35		8.23	6.5	2.31	
1026	9/12/2009 4:01:21	18.91	50.93	33.49		8.22	6.3	2.39	
1027	9/12/2009 4:16:20	18.72	50.96	33.52		8.00	5.0	2.44	
1028	9/12/2009 4:31:20	18.57	51.53	33.93		7.98	4.3	2.49	
1029	9/12/2009 4:46:20	18.47	50.93	33.49		7.98	4.0	2.57	
1030	9/12/2009 5:01:20	18.31	51.77	34.11		7.98	3.8	2.63	
1031	9/12/2009 5:16:21	18.21	51.68	34.04		8.21	8.0	2.67	
1032	9/12/2009 5:31:20	18.08	51.80	34.13		7.97	15.3	2.70	
1033	9/12/2009 5:46:20	17.87	51.75	34.09		7.97	18.5	2.78	
1034	9/12/2009 6:01:20	17.67	51.75	34.09		7.97	2.9	2.81	
1035	9/12/2009 6:16:20	17.59	51.73	34.08		7.96	2.9	2.85	
1036	9/12/2009 6:31:22	17.40	51.70	34.05		8.04	2.7	2.89	
1037	9/12/2009 6:46:23	17.19	51.71	34.05		7.96	2.9	2.96	
1038	9/12/2009 7:01:25	17.04	51.67	34.03		8.20	4.2	2.97	
1039	9/12/2009 7:16:23	17.04	51.69	34.04		7.95	2.5	3.00	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1040	9/12/2009 7:31:20	16.96	51.66	34.01		7.94	2.0	3.03	
1041	9/12/2009 7:46:22	17.16	51.64	34.00		7.90	2.6	3.00	
1042	9/12/2009 8:01:20	16.90	51.66	34.02		7.94	2.4	3.01	
1043	9/12/2009 8:16:20	16.87	51.69	34.04		7.94	2.9	3.00	
1044	9/12/2009 8:31:20	16.94	51.69	34.04		7.94	2.9	2.96	
1045	9/12/2009 8:46:20	17.30	51.75	34.09		7.93	3.5	2.95	
1046	9/12/2009 9:01:20	17.67	51.85	34.16		7.92	4.3	2.90	
1047	9/12/2009 9:16:20	17.72	51.83	34.15		7.89	8.0	2.84	
1048	9/12/2009 9:31:20	17.80	51.87	34.18		7.89	4.8	2.79	
1049	9/12/2009 9:46:21	17.84	51.00	33.54		8.14	3.8	2.76	
1050	9/12/2009 10:01:20	17.86	50.98	33.53		7.91	3.8	2.72	
1051	9/12/2009 10:16:20	17.91	51.83	34.15		7.92	3.9	2.70	
1052	9/12/2009 10:31:22	17.93	51.79	34.12		8.00	3.4	2.67	
1053	9/12/2009 10:46:21	18.01	50.84	33.42		8.16	3.4	2.65	
1054	9/12/2009 11:01:21	18.17	51.76	34.10		7.75	3.7	2.62	
1055	9/12/2009 11:16:20	18.24	50.81	33.40		7.94	3.4	2.61	
1056	9/12/2009 11:31:20	18.34	51.58	33.97		7.95	2.6	2.62	
1057	9/12/2009 11:46:20	18.43	51.84	34.16		7.95	2.6	2.62	
1058	9/12/2009 12:01:20	18.44	51.83	34.15		7.95	3.2	2.61	
1059	9/12/2009 12:16:18	18.45	50.88	33.45		8.04	2.9	2.63	
1060	9/12/2009 12:31:22	18.32	51.85	34.17		7.92	3.5	2.65	
1061	9/12/2009 12:46:19	18.24	51.38	33.82		7.94	3.4	2.67	
1062	9/12/2009 13:01:17	18.13	51.36	33.80		8.18	3.2	2.70	
1063	9/12/2009 13:16:19	18.04	51.82	34.15		7.95	3.9	2.74	
1064	9/12/2009 13:31:11	17.91	51.81	34.14		7.94	4.0	2.79	
1065	9/12/2009 13:46:20	17.91	51.81	34.13		7.95	6.2	2.82	
1066	9/12/2009 14:01:13	17.77	51.75	34.09		7.74	4.5	2.88	
1067	9/12/2009 14:16:13	17.40	51.76	34.09		7.73	7.6	2.91	
1068	9/12/2009 14:31:12	16.91	51.69	34.04		7.92	5.9	2.98	
1069	9/12/2009 14:46:15	16.55	51.63	33.99		7.94	28.3	3.04	
1070	9/12/2009 15:01:11	16.11	51.68	34.02		7.91	3.4	3.10	
1071	9/12/2009 15:16:14	15.98	51.66	34.00		8.04	4.6	3.14	
1072	9/12/2009 15:31:21	15.70	51.64	33.98		8.19	16.0	3.23	
1073	9/12/2009 15:46:14	15.56	51.63	33.97		7.85	7.9	3.27	
1074	9/12/2009 16:01:21	15.30	51.61	33.95		8.18	3.4	3.32	
1075	9/12/2009 16:16:13	14.99	51.62	33.95		8.18	3.5	3.38	
1076	9/12/2009 16:31:12	14.82	51.62	33.95		7.91	3.5	3.44	
1077	9/12/2009 16:46:13	14.71	51.61	33.93		8.19	2.6	3.50	
1078	9/12/2009 17:01:20	14.49	51.61	33.93		7.92	3.2	3.54	
1079	9/12/2009 17:16:21	14.15	51.62	33.93		8.19	2.5	3.58	
1080	9/12/2009 17:31:21	13.98	51.61	33.91		7.61	3.5	3.63	
1081	9/12/2009 17:46:21	13.88	51.62	33.92		7.61	2.8	3.65	
1082	9/12/2009 18:01:21	13.86	51.59	33.90		8.18	2.8	3.66	
1083	9/12/2009 18:16:21	13.99	51.65	33.94		8.18	2.7	3.66	
1084	9/12/2009 18:31:14	13.86	51.63	33.92		8.03	2.0	3.66	
1085	9/12/2009 18:46:12	13.89	51.61	33.91		7.90	3.1	3.64	
1086	9/12/2009 19:01:12	13.98	51.60	33.90		7.91	7.0	3.60	
1087	9/12/2009 19:16:20	14.22	51.58	33.90		7.91	2.0	3.55	
1088	9/12/2009 19:31:13	15.27	51.64	33.97		8.21	6.0	3.48	
1089	9/12/2009 19:46:21	15.33	51.62	33.96		8.20	7.6	3.43	
1090	9/12/2009 20:01:21	15.71	51.71	34.03		8.21	4.5	3.34	
1091	9/12/2009 20:16:21	15.98	51.76	34.07		8.21	3.9	3.26	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1092	9/12/2009 20:31:20	16.30	51.79	34.10		7.96	4.2	3.19	
1093	9/12/2009 20:46:20	16.65	51.78	34.10		7.97	3.5	3.11	
1094	9/12/2009 21:01:21	16.73	51.82	34.13		8.24	3.4	3.00	
1095	9/12/2009 21:16:21	16.76	51.82	34.13		7.75	3.5	2.90	
1096	9/12/2009 21:31:21	16.99	51.86	34.16		8.24	4.9	2.83	
1097	9/12/2009 21:46:20	16.82	51.75	34.08		7.98	3.2	2.74	
1098	9/12/2009 22:01:20	17.24	51.88	34.18		7.98	3.4	2.62	
1099	9/12/2009 22:16:20	17.21	51.78	34.11		7.97	3.8	2.53	
1100	9/12/2009 22:31:20	17.32	51.90	34.20		7.96	4.8	2.42	
1101	9/12/2009 22:46:20	17.46	51.90	34.20		7.96	4.8	2.32	
1102	9/12/2009 23:01:20	17.39	51.90	34.20		7.94	5.0	2.21	
1103	9/12/2009 23:16:20	17.50	51.89	34.19		7.94	5.1	2.10	
1104	9/12/2009 23:31:20	17.72	51.93	34.22		7.94	5.7	2.01	
1105	9/12/2009 23:46:20	17.72	51.95	34.24		7.93	4.9	1.92	
1106	9/13/2009 0:01:19	17.82	51.96	34.24		7.93	5.1	1.81	
1107	9/13/2009 0:16:20	18.07	51.99	34.27		7.93	4.8	1.72	
1108	9/13/2009 0:31:20	18.34	52.03	34.30		7.95	4.9	1.67	
1109	9/13/2009 0:46:20	18.58	52.06	34.32		7.96	4.5	1.62	
1110	9/13/2009 1:01:19	18.81	51.60	33.99		7.97	4.2	1.54	
1111	9/13/2009 1:16:20	18.90	52.12	34.37		7.98	4.3	1.53	
1112	9/13/2009 1:31:20	19.08	52.12	34.37		7.99	3.7	1.53	
1113	9/13/2009 1:46:19	19.03	52.15	34.39		7.99	3.8	1.53	
1114	9/13/2009 2:01:21	19.06	52.09	34.35		7.81	3.7	1.57	
1115	9/13/2009 2:16:21	18.98	52.10	34.35		7.80	3.4	1.60	
1116	9/13/2009 2:31:21	18.92	52.08	34.34		8.21	3.6	1.63	
1117	9/13/2009 2:46:21	18.93	52.08	34.34		7.79	4.0	1.70	
1118	9/13/2009 3:01:21	18.89	52.07	34.33		8.21	3.9	1.74	
1119	9/13/2009 3:16:21	18.86	52.05	34.32		8.21	4.2	1.80	
1120	9/13/2009 3:31:20	18.83	52.06	34.33		7.96	4.6	1.86	
1121	9/13/2009 3:46:20	18.87	51.97	34.26		7.95	5.6	1.95	
1122	9/13/2009 4:01:20	18.80	52.05	34.32		7.95	5.2	2.00	
1123	9/13/2009 4:16:20	18.69	52.05	34.32		7.95	4.8	2.07	
1124	9/13/2009 4:31:20	18.64	52.05	34.32		7.95	4.6	2.14	
1125	9/13/2009 4:46:20	18.60	52.04	34.31		7.95	4.5	2.22	
1126	9/13/2009 5:01:19	18.52	51.35	33.80		7.95	4.6	2.30	
1127	9/13/2009 5:16:19	18.35	51.93	34.23		7.95	4.2	2.35	
1128	9/13/2009 5:31:20	18.13	51.92	34.22		7.93	4.6	2.42	
1129	9/13/2009 5:46:20	17.96	51.93	34.23		7.93	4.5	2.52	
1130	9/13/2009 6:01:21	17.81	51.88	34.19		8.18	4.0	2.56	
1131	9/13/2009 6:16:22	17.70	51.89	34.20		8.02	3.7	2.63	
1132	9/13/2009 6:31:20	17.56	51.82	34.14		7.92	3.8	2.70	
1133	9/13/2009 6:46:21	17.40	51.82	34.14		8.17	4.1	2.74	
1134	9/13/2009 7:01:21	17.17	51.09	33.60		8.17	3.8	2.81	
1135	9/13/2009 7:16:21	16.99	51.79	34.11		7.68	3.5	2.87	
1136	9/13/2009 7:31:21	16.74	51.77	34.09		8.17	3.7	2.92	
1137	9/13/2009 7:46:20	16.55	51.72	34.05		7.90	3.4	2.96	
1138	9/13/2009 8:01:19	16.35	51.53	33.91		7.89	3.4	3.01	
1139	9/13/2009 8:16:19	16.18	51.37	33.79		7.93	2.6	3.03	
1140	9/13/2009 8:31:21	16.18	51.80	34.11		7.65	2.6	3.06	
1141	9/13/2009 8:46:21	15.82	51.78	34.09		8.16	2.5	3.08	
1142	9/13/2009 9:01:21	16.32	51.65	34.00		8.17	2.4	3.08	
1143	9/13/2009 9:16:20	16.10	51.72	34.05		7.89	2.3	3.09	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1144	9/13/2009 9:31:23	16.05	51.69	34.03		7.92	2.6	3.05	
1145	9/13/2009 9:46:21	16.30	51.68	34.02		8.17	3.5	3.02	
1146	9/13/2009 10:01:20	16.67	51.69	34.04		7.91	3.1	3.00	
1147	9/13/2009 10:16:20	16.84	51.71	34.05		7.91	3.3	2.94	
1148	9/13/2009 10:31:20	16.90	51.74	34.07		7.91	3.4	2.91	
1149	9/13/2009 10:46:20	16.96	51.77	34.10		7.91	3.2	2.85	
1150	9/13/2009 11:01:21	17.14	51.77	34.10		8.17	3.4	2.81	
1151	9/13/2009 11:16:20	17.29	51.73	34.07		7.91	3.2	2.75	
1152	9/13/2009 11:31:20	17.39	51.10	33.61		7.91	3.4	2.72	
1153	9/13/2009 11:46:19	17.49	51.55	33.94		7.91	3.2	2.69	
1154	9/13/2009 12:01:20	17.55	51.84	34.15		7.91	3.4	2.64	
1155	9/13/2009 12:16:21	17.64	51.80	34.13		8.17	3.1	2.63	
1156	9/13/2009 12:31:21	17.71	51.79	34.12		8.18	2.6	2.59	
1157	9/13/2009 12:46:20	17.79	51.71	34.06		7.93	2.4	2.58	
1158	9/13/2009 13:01:20	17.95	51.82	34.14		7.90	3.3	2.58	
1159	9/13/2009 13:16:20	17.95	51.74	34.08		7.93	3.2	2.58	
1160	9/13/2009 13:31:19	17.97	51.53	33.93		7.93	2.7	2.60	
1161	9/13/2009 13:46:22	17.95	51.90	34.20		7.88	3.0	2.60	
1162	9/13/2009 14:01:20	17.94	51.77	34.11		7.93	2.8	2.62	
1163	9/13/2009 14:16:20	17.99	51.30	33.76		7.93	2.9	2.66	
1164	9/13/2009 14:31:19	17.94	51.87	34.18		7.93	3.2	2.70	
1165	9/13/2009 14:46:20	17.75	51.89	34.20		7.92	3.0	2.73	
1166	9/13/2009 15:01:20	17.64	51.85	34.17		7.92	2.8	2.77	
1167	9/13/2009 15:16:20	17.49	51.77	34.10		7.91	3.1	2.84	
1168	9/13/2009 15:31:21	17.29	51.72	34.07		8.17	3.2	2.88	
1169	9/13/2009 15:46:20	17.07	51.56	33.94		7.90	3.1	2.94	
1170	9/13/2009 16:01:19	16.72	50.61	33.24		7.89	3.0	2.99	
1171	9/13/2009 16:16:21	16.18	51.63	33.98		7.63	2.8	3.06	
1172	9/13/2009 16:31:20	15.84	51.56	33.92		7.88	2.9	3.13	
1173	9/13/2009 16:46:22	15.67	51.48	33.86		8.01	2.6	3.18	
1174	9/13/2009 17:01:20	15.32	51.42	33.81		7.88	2.6	3.25	
1175	9/13/2009 17:16:20	15.04	51.23	33.66		7.88	2.6	3.32	
1176	9/13/2009 17:31:20	14.69	51.34	33.74		7.86	2.6	3.39	
1177	9/13/2009 17:46:21	14.40	51.06	33.52		8.15	2.6	3.45	
1178	9/13/2009 18:01:20	14.26	51.31	33.70		7.84	3.2	3.50	
1179	9/13/2009 18:16:20	14.09	50.50	33.10		7.84	2.6	3.57	
1180	9/13/2009 18:31:18	13.85	50.83	33.34		7.75	2.4	3.60	
1181	9/13/2009 18:46:20	13.82	51.27	33.66		7.86	2.3	3.64	
1182	9/13/2009 19:01:20	13.66	51.46	33.79		7.83	2.1	3.67	
1183	9/13/2009 19:16:19	13.90	50.35	32.99		7.90	2.4	3.69	
1184	9/13/2009 19:31:18	13.80	50.46	33.06		7.74	1.9	3.70	
1185	9/13/2009 19:46:22	13.64	51.46	33.79		7.99	2.4	3.67	
1186	9/13/2009 20:01:21	13.62	51.53	33.84		8.14	2.0	3.64	
1187	9/13/2009 20:16:20	13.97	51.33	33.71		7.83	2.3	3.62	
1188	9/13/2009 20:31:20	13.99	51.52	33.85		7.83	2.1	3.56	
1189	9/13/2009 20:46:19	14.54	51.19	33.62		7.83	3.5	3.49	
1190	9/13/2009 21:01:20	14.81	51.50	33.85		7.88	3.1	3.42	
1191	9/13/2009 21:16:20	15.83	51.44	33.84		7.88	3.7	3.34	
1192	9/13/2009 21:31:20	16.05	51.45	33.85		7.89	3.2	3.27	
1193	9/13/2009 21:46:22	16.37	51.48	33.88		7.84	4.2	3.17	
1194	9/13/2009 22:01:20	16.48	51.50	33.89		7.90	3.5	3.08	
1195	9/13/2009 22:16:20	16.76	51.53	33.92		7.91	4.0	2.99	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1196	9/13/2009 22:31:20	16.91	51.54	33.93		7.91	4.0	2.89	
1197	9/13/2009 22:46:20	17.27	51.59	33.97		7.90	4.2	2.78	
1198	9/13/2009 23:01:20	17.21	51.60	33.97		7.91	4.2	2.69	
1199	9/13/2009 23:16:20	17.17	51.54	33.93		7.91	4.4	2.57	
1200	9/13/2009 23:31:19	17.19	51.64	34.00		7.90	5.6	2.47	
1201	9/13/2009 23:46:20	17.31	51.65	34.02		7.92	5.7	2.35	
1202	9/14/2009 0:01:20	17.22	51.42	33.84		7.91	12.8	2.22	
1203	9/14/2009 0:16:19	17.18	51.62	33.99		7.89	6.3	2.12	
1204	9/14/2009 0:31:20	17.24	51.59	33.97		7.90	6.5	2.01	
1205	9/14/2009 0:46:20	17.30	51.60	33.98		7.90	6.7	1.89	
1206	9/14/2009 1:01:19	17.36	51.00	33.53		7.89	6.5	1.78	
1207	9/14/2009 1:16:20	17.65	51.64	34.01		7.91	5.7	1.69	
1208	9/14/2009 1:31:23	17.75	51.64	34.01		7.93	6.5	1.59	
1209	9/14/2009 1:46:22	18.03	51.65	34.02		8.03	5.4	1.53	
1210	9/14/2009 2:01:20	18.19	51.65	34.02		7.93	5.2	1.48	
1211	9/14/2009 2:16:20	18.26	51.68	34.04		7.94	4.7	1.43	
1212	9/14/2009 2:31:21	18.43	51.67	34.04		8.21	4.3	1.40	
1213	9/14/2009 2:46:20	18.51	51.68	34.04		7.96	3.8	1.43	
1214	9/14/2009 3:01:20	18.43	51.69	34.05		7.96	15.9	1.43	
1215	9/14/2009 3:16:21	18.46	51.66	34.03		8.22	3.8	1.46	
1216	9/14/2009 3:31:20	18.38	50.60	33.25		7.96	6.0	1.52	
1217	9/14/2009 3:46:19	18.43	51.66	34.03		7.97	4.8	1.58	
1218	9/14/2009 4:01:20	18.38	51.61	33.99		7.96	4.3	1.65	
1219	9/14/2009 4:16:20	18.36	51.33	33.79		7.93	5.8	1.71	
1220	9/14/2009 4:31:20	18.34	51.35	33.80		7.93	6.8	1.79	
1221	9/14/2009 4:46:20	18.33	51.31	33.77		7.92	5.4	1.85	
1222	9/14/2009 5:01:19	18.30	51.27	33.74		7.91	5.6	1.93	
1223	9/14/2009 5:16:20	18.21	51.30	33.76		7.91	5.9	2.02	
1224	9/14/2009 5:31:20	18.14	51.38	33.82		7.91	4.9	2.11	
1225	9/14/2009 5:46:20	18.05	51.40	33.83		7.91	5.4	2.18	
1226	9/14/2009 6:01:20	17.90	51.42	33.85		7.91	4.8	2.26	
1227	9/14/2009 6:16:20	17.81	51.40	33.84		7.90	4.6	2.35	
1228	9/14/2009 6:31:21	17.71	51.42	33.85		8.16	5.1	2.43	
1229	9/14/2009 6:46:22	17.63	51.48	33.89		8.00	4.6	2.51	
1230	9/14/2009 7:01:20	17.61	51.46	33.88		7.89	6.1	2.58	
1231	9/14/2009 7:16:20	17.51	50.73	33.34		7.88	78.4	2.66	
1232	9/14/2009 7:31:12	17.32	51.49	33.89		7.88	5.6	2.74	
1233	9/14/2009 7:46:15	17.11	51.41	33.83		7.87	91.9	2.81	
1234	9/14/2009 8:01:24	16.97	51.45	33.86		7.87	39.0	2.87	
1235	9/14/2009 8:16:20	16.69	51.44	33.85		7.87	18.2	2.95	
1236	9/14/2009 8:31:20	16.31	51.38	33.80		7.87	10.0	3.01	
1237	9/14/2009 8:46:19	16.17	51.35	33.77		7.84	4.4	3.06	
1238	9/14/2009 9:01:21	15.85	51.38	33.80		8.15	10.7	3.11	
1239	9/14/2009 9:16:20	15.57	51.11	33.59		7.86	22.6	3.16	
1240	9/14/2009 9:31:19	15.30	51.34	33.75		7.82	3.9	3.19	
1241	9/14/2009 9:46:20	15.02	51.36	33.76		7.85	2.5	3.22	
1242	9/14/2009 10:01:20	14.95	51.34	33.74		7.83	2.5	3.23	
1243	9/14/2009 10:16:21	15.06	51.37	33.76		8.13	2.8	3.22	
1244	9/14/2009 10:31:21	15.08	51.30	33.71		8.13	2.9	3.21	
1245	9/14/2009 10:46:21	15.24	51.28	33.71		8.14	3.3	3.17	
1246	9/14/2009 11:01:20	15.84	51.32	33.74		7.86	3.8	3.14	
1247	9/14/2009 11:16:20	16.17	51.29	33.73		7.88	3.8	3.08	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1248	9/14/2009 11:31:21	16.41	51.32	33.76		8.16	4.5	3.01	
1249	9/14/2009 11:46:20	16.73	51.35	33.78		7.88	4.2	2.94	
1250	9/14/2009 12:01:19	16.97	51.35	33.79		7.88	4.2	2.88	
1251	9/14/2009 12:16:20	17.06	51.35	33.79		7.89	3.8	2.83	
1252	9/14/2009 12:31:20	17.19	51.39	33.82		7.90	3.7	2.76	
1253	9/14/2009 12:46:20	17.38	51.38	33.82		7.90	5.7	2.71	
1254	9/14/2009 13:01:20	17.38	51.36	33.80		7.92	3.8	2.66	
1255	9/14/2009 13:16:20	17.58	51.43	33.85		7.92	3.9	2.62	
1256	9/14/2009 13:31:20	17.68	51.41	33.84		7.92	3.8	2.58	
1257	9/14/2009 13:46:20	17.78	51.43	33.86		7.93	3.5	2.54	
1258	9/14/2009 14:01:20	17.87	51.42	33.85		7.94	3.8	2.52	
1259	9/14/2009 14:16:20	18.02	51.42	33.85		7.95	5.5	2.49	
1260	9/14/2009 14:31:20	18.11	51.20	33.69		7.91	3.2	2.49	
1261	9/14/2009 14:46:20	18.08	51.41	33.85		7.94	3.3	2.50	
1262	9/14/2009 15:01:21	18.21	51.42	33.85		8.21	4.6	2.49	
1263	9/14/2009 15:16:20	18.04	51.42	33.85		7.92	3.2	2.53	
1264	9/14/2009 15:31:20	18.09	51.37	33.82		7.92	7.3	2.55	
1265	9/14/2009 15:46:20	18.09	51.39	33.82		7.92	3.8	2.59	
1266	9/14/2009 16:01:13	18.04	50.67	33.29		7.68	20.2	2.64	
1267	9/14/2009 16:16:20	17.99	51.32	33.77		7.91	9.6	2.69	
1268	9/14/2009 16:31:19	17.76	51.33	33.78		7.89	4.0	2.75	
1269	9/14/2009 16:46:19	17.53	51.28	33.74		7.88	4.7	2.81	
1270	9/14/2009 17:01:21	17.41	51.31	33.76		8.16	3.9	2.87	
1271	9/14/2009 17:16:21	17.18	51.25	33.72		8.16	13.1	2.93	
1272	9/14/2009 17:31:20	16.97	51.25	33.72		7.88	3.4	3.00	
1273	9/14/2009 17:46:20	16.73	51.27	33.72		7.88	3.5	3.07	
1274	9/14/2009 18:01:20	16.29	51.30	33.75		7.87	4.7	3.14	
1275	9/14/2009 18:16:21	15.97	51.28	33.72		8.15	3.1	3.20	
1276	9/14/2009 18:31:21	15.73	51.25	33.70		8.15	4.6	3.27	
1277	9/14/2009 18:46:19	15.40	51.17	33.63		7.83	3.6	3.34	
1278	9/14/2009 19:01:18	15.05	51.12	33.58		7.75	5.6	3.41	
1279	9/14/2009 19:16:15	14.60	51.30	33.70		7.88		3.48	
1280	9/14/2009 19:31:18	14.48	51.31	33.70		7.73	3.2	3.53	
1281	9/14/2009 19:46:21	14.35	51.31	33.70		8.15	3.5	3.60	
1282	9/14/2009 20:01:20	14.21	51.37	33.74		7.83	2.7	3.64	
1283	9/14/2009 20:16:20	14.11	51.38	33.74		7.83	2.6	3.68	
1284	9/14/2009 20:31:20	14.02	51.40	33.76		7.83	2.3	3.70	
1285	9/14/2009 20:46:19	13.97	51.09	33.53		7.80	2.5	3.72	
1286	9/14/2009 21:01:20	14.16	51.49	33.83		7.86	2.2	3.73	
1287	9/14/2009 21:16:20	13.93	51.45	33.79		7.83	2.5	3.71	
1288	9/14/2009 21:31:20	13.95	51.43	33.78		7.86	2.3	3.68	
1289	9/14/2009 21:46:20	14.16	51.42	33.78		7.83	2.4	3.63	
1290	9/14/2009 22:01:20	15.24	51.47	33.84		7.86	4.0	3.57	
1291	9/14/2009 22:16:20	15.50	51.43	33.83		7.86	4.3	3.48	
1292	9/14/2009 22:31:21	15.67	51.43	33.83		7.57	4.9	3.40	
1293	9/14/2009 22:46:20	15.68	51.42	33.82		7.88	4.9	3.30	
1294	9/14/2009 23:01:20	16.02	51.44	33.84		7.88	5.1	3.20	
1295	9/14/2009 23:16:20	16.41	51.44	33.85		7.89	5.1	3.09	
1296	9/14/2009 23:31:18	16.86	50.35	33.05		7.82	5.2	2.98	
1297	9/14/2009 23:46:19	17.19	51.47	33.88		7.90	5.3	2.88	
1298	9/15/2009 0:01:20	17.20	51.46	33.87		7.92	5.1	2.75	
1299	9/15/2009 0:16:20	17.20	51.48	33.88		7.93	5.9	2.63	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1300	9/15/2009 0:31:20	16.87	51.45	33.86		7.91	9.3	2.51	
1301	9/15/2009 0:46:18	16.87	50.41	33.10		7.82	7.4	2.39	
1302	9/15/2009 1:01:19	17.00	51.48	33.88		7.94	8.0	2.26	
1303	9/15/2009 1:16:20	16.87	51.51	33.90		7.90	7.3	2.12	
1304	9/15/2009 1:31:20	17.10	51.50	33.90		7.90	8.8	2.00	
1305	9/15/2009 1:46:20	17.31	51.49	33.90		7.90	8.7	1.86	
1306	9/15/2009 2:01:20	17.38	51.52	33.92		7.90	9.7	1.74	
1307	9/15/2009 2:16:20	17.68	51.52	33.92		7.91	7.9	1.63	
1308	9/15/2009 2:31:20	17.83	51.52	33.93		7.91	7.4	1.52	
1309	9/15/2009 2:46:20	18.01	51.54	33.94		7.92	6.6	1.44	
1310	9/15/2009 3:01:20	18.10	51.54	33.94		7.92	6.1	1.39	
1311	9/15/2009 3:16:20	18.33	51.57	33.96		7.96	6.0	1.35	
1312	9/15/2009 3:31:19	18.45	51.53	33.94		7.99	4.9	1.33	
1313	9/15/2009 3:46:20	18.29	51.66	34.03		7.95	5.1	1.33	
1314	9/15/2009 4:01:20	18.57	51.55	33.95		7.99	5.2	1.39	
1315	9/15/2009 4:16:20	18.48	51.57	33.96		7.98	5.2	1.43	
1316	9/15/2009 4:31:20	18.60	51.57	33.97		7.99	5.5	1.48	
1317	9/15/2009 4:46:20	18.60	51.58	33.97		8.00	5.3	1.56	
1318	9/15/2009 5:01:19	18.56	50.89	33.46		7.97	5.3	1.64	
1319	9/15/2009 5:16:22	18.66	51.30	33.76		8.06	7.2	1.72	
1320	9/15/2009 5:31:20	18.58	51.08	33.60		7.95	6.6	1.79	
1321	9/15/2009 5:46:20	18.58	51.11	33.62		7.93	6.4	1.88	
1322	9/15/2009 6:01:19	18.43	51.37	33.82		7.93	6.3	1.96	
1323	9/15/2009 6:16:21	18.25	51.33	33.78		8.20	5.4	2.06	
1324	9/15/2009 6:31:20	18.16	51.37	33.82		7.92	5.2	2.15	
1325	9/15/2009 6:46:19	18.07	51.37	33.81		7.91	5.2	2.24	
1326	9/15/2009 7:01:18	17.86	51.31	33.77		7.83	5.6	2.34	
1327	9/15/2009 7:16:19	17.74	51.22	33.70		7.88	5.6	2.44	
1328	9/15/2009 7:31:19	17.67	51.47	33.89		7.87	6.2	2.53	
1329	9/15/2009 7:46:20	17.58	51.47	33.88		7.88	6.2	2.62	
1330	9/15/2009 8:01:21	17.42	51.46	33.87		8.16	6.6	2.71	
1331	9/15/2009 8:16:20	17.25	51.44	33.86		7.87	6.6	2.79	
1332	9/15/2009 8:31:21	16.96	51.44	33.86		7.59	6.8	2.87	
1333	9/15/2009 8:46:21	16.60	51.42	33.83		7.57	8.2	2.95	
1334	9/15/2009 9:01:21	16.38	51.41	33.82		8.14	7.2	3.02	
1335	9/15/2009 9:16:21	15.81	51.40	33.80		8.14	7.3	3.10	
1336	9/15/2009 9:31:20	15.38	51.38	33.78		7.84	7.3	3.16	
1337	9/15/2009 9:46:20	14.98	51.38	33.77		7.81	6.2	3.23	
1338	9/15/2009 10:01:20	14.73	51.44	33.81		7.81	5.6	3.28	
1339	9/15/2009 10:16:20	14.58	51.35	33.74		7.81	4.3	3.33	
1340	9/15/2009 10:31:21	14.47	51.38	33.76		8.14	3.4	3.37	
1341	9/15/2009 10:46:20	14.42	51.36	33.74		7.80	2.7	3.38	
1342	9/15/2009 11:01:20	14.72	51.38	33.77		7.81	3.4	3.37	
1343	9/15/2009 11:16:21	14.47	51.13	33.57		8.14	3.4	3.35	
1344	9/15/2009 11:31:20	14.57	51.22	33.64		7.81	3.4	3.31	
1345	9/15/2009 11:46:20	14.93	51.24	33.67		7.82	5.6	3.23	
1346	9/15/2009 12:01:19	15.53	50.77	33.34		7.82	5.4	3.17	
1347	9/15/2009 12:16:21	16.02	51.34	33.77		8.17	5.9	3.08	
1348	9/15/2009 12:31:19	16.45	50.72	33.32		7.86	6.3	3.00	
1349	9/15/2009 12:46:19	16.96	51.10	33.60		7.89	5.4	2.93	
1350	9/15/2009 13:01:19	17.06	50.63	33.26		7.89	5.0	2.84	
1351	9/15/2009 13:16:18	17.17	50.46	33.13		7.85	4.5	2.77	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1352	9/15/2009 13:31:21	17.43	51.41	33.84		7.68	4.9	2.68	
1353	9/15/2009 13:46:20	17.57	50.95	33.50		7.95	4.8	2.62	
1354	9/15/2009 14:01:21	17.81	51.31	33.77		8.25	4.6	2.55	
1355	9/15/2009 14:16:21	17.97	51.38	33.82		8.25	4.4	2.47	
1356	9/15/2009 14:31:20	18.13	51.24	33.72		7.98	4.2	2.42	
1357	9/15/2009 14:46:20	18.24	51.38	33.82		7.98	4.2	2.37	
1358	9/15/2009 15:01:20	18.42	51.29	33.76		7.99	4.2	2.31	
1359	9/15/2009 15:16:20	18.59	51.40	33.84		8.01	3.8	2.29	
1360	9/15/2009 15:31:21	18.77	51.41	33.84		8.29	3.8	2.26	
1361	9/15/2009 15:46:22	18.97	51.44	33.87		7.96	3.5	2.26	
1362	9/15/2009 16:01:23	18.81	51.43	33.86		8.03	3.8	2.26	
1363	9/15/2009 16:16:21	18.72	51.45	33.88		7.76	4.0	2.29	
1364	9/15/2009 16:31:21	18.71	51.42	33.85		7.75	4.8	2.34	
1365	9/15/2009 16:46:20	18.74	51.45	33.87		7.98	4.6	2.39	
1366	9/15/2009 17:01:21	18.64	51.44	33.87		8.25	5.6	2.45	
1367	9/15/2009 17:16:22	18.92	51.39	33.83		8.08	6.6	2.52	
1368	9/15/2009 17:31:20	18.60	51.41	33.85		7.95	6.3	2.60	
1369	9/15/2009 17:46:20	18.31	51.21	33.70		7.94	5.4	2.67	
1370	9/15/2009 18:01:22	18.07	51.42	33.85		8.05	5.4	2.74	
1371	9/15/2009 18:16:21	17.80	51.41	33.84		7.65	5.2	2.82	
1372	9/15/2009 18:31:20	17.34	51.40	33.83		7.89	4.4	2.89	
1373	9/15/2009 18:46:22	16.94	51.39	33.82		8.01	4.8	2.97	
1374	9/15/2009 19:01:22	16.82	51.25	33.72		8.01	4.4	3.05	
1375	9/15/2009 19:16:21	16.60	51.37	33.80		8.17	5.1	3.14	
1376	9/15/2009 19:31:21	16.23	51.34	33.77		8.16	5.7	3.22	
1377	9/15/2009 19:46:20	15.77	51.33	33.75		7.86	5.4	3.30	
1378	9/15/2009 20:01:22	15.49	51.33	33.75		7.75	5.7	3.39	
1379	9/15/2009 20:16:21	15.17	51.24	33.68		8.16	6.3	3.47	
1380	9/15/2009 20:31:21	15.01	51.23	33.67		8.16	5.6	3.55	
1381	9/15/2009 20:46:21	14.69	51.23	33.65		7.53	4.9	3.62	
1382	9/15/2009 21:01:21	14.51	51.26	33.67		8.18	5.1	3.68	
1383	9/15/2009 21:16:20	14.36	51.23	33.65		7.85	3.5	3.75	
1384	9/15/2009 21:31:20	14.26	51.20	33.62		7.85	2.7	3.78	
1385	9/15/2009 21:46:20	14.20	51.18	33.60		7.85	1.9	3.80	
1386	9/15/2009 22:01:20	14.26	51.12	33.56		7.88	3.7	3.82	
1387	9/15/2009 22:16:20	14.52	51.17	33.60		7.85	2.3	3.81	
1388	9/15/2009 22:31:20	14.41	51.14	33.58		7.85	5.1	3.78	
1389	9/15/2009 22:46:20	14.22	51.17	33.60		7.86	2.6	3.72	
1390	9/15/2009 23:01:20	15.22	51.23	33.67		7.84	4.9	3.67	
1391	9/15/2009 23:16:20	15.39	51.24	33.68		7.84	4.6	3.58	
1392	9/15/2009 23:31:20	15.58	51.21	33.66		7.86	6.1	3.47	
1393	9/15/2009 23:46:20	15.72	51.32	33.75		7.86	6.3	3.38	
1394	9/16/2009 0:01:20	15.85	51.31	33.74		7.86	6.8	3.26	
1395	9/16/2009 0:16:20	16.13	51.36	33.78		7.88	6.2	3.14	
1396	9/16/2009 0:31:20	16.66	51.40	33.82		7.88	10.4	3.01	
1397	9/16/2009 0:46:20	17.03	51.42	33.84		7.88	6.2	2.89	
1398	9/16/2009 1:01:20	17.24	51.41	33.83		7.88	6.4	2.78	
1399	9/16/2009 1:16:20	17.60	51.28	33.75		7.91	6.9	2.65	
1400	9/16/2009 1:31:20	17.72	51.41	33.84		7.94	6.0	2.51	
1401	9/16/2009 1:46:20	17.62	51.30	33.76		7.93	7.6	2.38	
1402	9/16/2009 2:01:20	17.21	51.41	33.84		7.90	7.6	2.25	
1403	9/16/2009 2:16:20	17.35	51.36	33.80		7.91	10.6	2.11	

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1404	9/16/2009 2:31:20	17.40	51.40	33.83		7.92	10.1	1.98	
1405	9/16/2009 2:46:20	17.42	51.32	33.77		7.91	9.0	1.83	
1406	9/16/2009 3:01:20	17.73	51.36	33.81		7.92	8.9	1.70	
1407	9/16/2009 3:16:20	17.88	51.41	33.84		7.92	8.1	1.59	
1408	9/16/2009 3:31:20	18.26	51.48	33.90		7.94	7.4	1.48	
1409	9/16/2009 3:46:20	18.38	51.48	33.90		7.94	6.9	1.39	
1410	9/16/2009 4:01:20	18.62	51.46	33.88		7.96	6.5	1.34	
1411	9/16/2009 4:16:20	18.77	51.50	33.91		7.97	7.0	1.30	
1412	9/16/2009 4:31:19	18.91	50.56	33.22		8.02	6.5	1.29	
1413	9/16/2009 4:46:21	18.68	51.49	33.90		7.72	7.4	1.32	
1414	9/16/2009 5:01:19	18.98	51.23	33.71		8.04	5.6	1.36	
1415	9/16/2009 5:16:21	18.84	51.46	33.88		7.74	5.6	1.43	
1416	9/16/2009 5:31:20	18.93	51.45	33.88		8.01	6.2	1.51	
1417	9/16/2009 5:46:20	18.88	51.45	33.88		8.00	6.0	1.59	
1418	9/16/2009 6:01:20	18.99	51.26	33.74		7.97	7.3	1.68	
1419	9/16/2009 6:16:19	19.02	51.20	33.69		7.95	8.5	1.78	
1420	9/16/2009 6:31:20	18.97	51.24	33.72		7.95	8.7	1.86	
1421	9/16/2009 6:46:20	18.71	51.37	33.82		7.96	8.1	1.95	
1422	9/16/2009 7:01:20	18.59	51.38	33.83		7.95	8.1	2.06	
1423	9/16/2009 7:16:20	18.48	51.39	33.83		7.94	7.1	2.15	
1424	9/16/2009 7:31:20	18.28	51.40	33.84		7.93	7.0	2.24	
1425	9/16/2009 7:46:20	18.07	51.40	33.84		7.90	6.7	2.36	
1426	9/16/2009 8:01:20	17.94	51.40	33.84		7.89	7.0	2.47	
1427	9/16/2009 8:16:20	17.84	51.40	33.83		7.89	7.8	2.57	
1428	9/16/2009 8:31:20	17.64	51.37	33.81		7.88	8.2	2.67	
1429	9/16/2009 8:46:20	17.39	51.34	33.79		7.88	8.7	2.77	
1430	9/16/2009 9:01:20	17.22	51.33	33.78		7.86	8.7	2.86	
1431	9/16/2009 9:16:20	16.95	51.29	33.74		7.84	9.0	2.95	
1432	9/16/2009 9:31:21	16.43	51.18	33.66		8.15	9.8	3.04	
1433	9/16/2009 9:46:21	16.00	51.07	33.57		8.16	9.6	3.13	
1434	9/16/2009 10:01:20	15.61	51.14	33.61		7.86	8.9	3.21	
1435	9/16/2009 10:16:20	15.26	51.10	33.57		7.86	8.7	3.29	
1436	9/16/2009 10:31:20	15.11	51.07	33.55		7.83	7.2	3.37	
1437	9/16/2009 10:46:20	15.01	51.06	33.54		7.84	5.4	3.43	
Mean		17.12	51.52	33.91	8.48	7.99	5.7	2.67	107.5
Minimum		13.45	35.51	22.44	7.16	7.53	1.0	1.29	87.1
Maximum		19.75	52.19	34.42	10.92	8.29	91.9	3.82	143.1

DO data discarded due to probe calibration drift

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	9/16/2009 11:16	15.05	48.33	31.54	8.48	8.14	3.2	3.46	102.1
1	9/16/2009 11:31	15.19	48.55	31.71	8.35	8.14	2.7	3.49	100.9
2	9/16/2009 11:46	15.36	48.82	31.91	8.13	8.15	2.9	3.48	98.7
3	9/16/2009 12:01	14.99	48.75	31.85	8.30	8.16	3.1	3.45	100.1
4	9/16/2009 12:16	14.95	48.72	31.83	8.30	8.16	3.0	3.40	99.9
5	9/16/2009 12:31	15.60	48.64	31.78	8.32	8.17	5.2	3.33	101.5
6	9/16/2009 12:46	15.73	48.89	31.97	8.37	8.18	6.3	3.23	102.5
7	9/16/2009 13:01	15.92	48.99	32.05	8.41	8.18	8.1	3.13	103.4
8	9/16/2009 13:16	16.29	48.87	31.96	8.46	8.20	8.2	3.03	104.7
9	9/16/2009 13:31	16.68	49.02	32.08	8.48	8.21	7.9	2.93	105.8
10	9/16/2009 13:46	17.06	49.15	32.18	8.61	8.22	7.6	2.82	108.3
11	9/16/2009 14:01	17.15	49.05	32.10	8.86	8.24	6.4	2.72	111.6
12	9/16/2009 14:16	17.22	49.12	32.16	9.09	8.25	5.4	2.62	114.7
13	9/16/2009 14:31	17.66	49.19	32.21	9.01	8.26	5.7	2.53	114.6
14	9/16/2009 14:46	17.88	49.16	32.19	9.11	8.26	5.8	2.43	116.5
15	9/16/2009 15:01	17.80	49.14	32.17	9.41	8.29	4.9	2.35	120.1
16	9/16/2009 15:16	18.09	49.22	32.23	9.36	8.29	5.4	2.26	120.1
17	9/16/2009 15:31	18.00	49.15	32.19	9.71	8.30	4.4	2.17	124.3
18	9/16/2009 15:46	18.16	49.21	32.22	9.73	8.30	5.2	2.10	125.0
19	9/16/2009 16:01	18.31	49.29	32.29	9.76	8.31	4.6	2.04	125.8
20	9/16/2009 16:16	18.40	49.06	32.12	9.83	8.32	4.8	1.98	126.8
21	9/16/2009 16:31	18.55	49.32	32.31	9.57	8.31	4.3	1.98	123.9
22	9/16/2009 16:46	18.43	49.29	32.29	9.84	8.31	3.7	1.96	127.1
23	9/16/2009 17:01	18.34	49.26	32.27	9.62	8.30	5.2	1.97	124.0
24	9/16/2009 17:16	19.05	49.42	32.38	9.17	8.30	5.2	2.01	120.0
25	9/16/2009 17:31	18.93	49.29	32.29	9.07	8.29	5.1	2.05	118.3
26	9/16/2009 17:46	19.02	49.36	32.34	8.92	8.28	5.8	2.13	116.6
27	9/16/2009 18:01	19.01	49.41	32.38	8.85	8.28	6.8	2.20	115.6
28	9/16/2009 18:16	19.10	49.33	32.32	8.73	8.27	7.1	2.29	114.2
29	9/16/2009 18:31	19.01	49.32	32.31	8.67	8.25	9.0	2.39	113.3
30	9/16/2009 18:46	18.70	49.31	32.30	8.64	8.24	8.1	2.48	112.2
31	9/16/2009 19:01	18.53	49.28	32.28	8.59	8.24	6.8	2.57	111.3
32	9/16/2009 19:16	18.03	49.09	32.14	8.37	8.21	7.0	2.65	107.3
33	9/16/2009 19:31	17.71	49.28	32.28	8.23	8.19	5.9	2.74	104.9
34	9/16/2009 19:46	17.56	49.28	32.28	8.13	8.18	6.5	2.83	103.3
35	9/16/2009 20:01	17.36	49.18	32.20	8.12	8.17	7.3	2.92	102.7
36	9/16/2009 20:16	16.99	49.24	32.24	8.16	8.17	7.8	3.01	102.6
37	9/16/2009 20:31	16.70	49.27	32.26	8.24	8.17	7.4	3.10	102.9
38	9/16/2009 20:46	16.58	49.14	32.16	8.24	8.16	8.2	3.20	102.7
39	9/16/2009 21:01	16.16	49.07	32.11	8.39	8.17	8.6	3.30	103.6
40	9/16/2009 21:16	15.77	48.91	31.98	8.50	8.17	9.2	3.38	104.1
41	9/16/2009 21:31	15.38	48.68	31.81	8.59	8.19	7.6	3.48	104.3
42	9/16/2009 21:46	15.20	48.74	31.85	8.64	8.19	6.9	3.56	104.6
43	9/16/2009 22:01	15.15	48.96	32.00	8.66	8.19	5.3	3.64	104.8
44	9/16/2009 22:16	14.99	48.89	31.95	8.72	8.19	4.8	3.70	105.1
45	9/16/2009 22:31	15.06	48.77	31.86	8.70	8.19	2.9	3.74	105.1
46	9/16/2009 22:46	15.00	48.88	31.94	8.66	8.19	2.7	3.79	104.5
47	9/16/2009 23:01	14.99	48.86	31.93	8.57	8.18	2.2	3.81	103.3
48	9/16/2009 23:16	15.23	48.78	31.87	8.43	8.18	3.3	3.80	102.1
49	9/16/2009 23:31	14.98	48.61	31.75	8.57	8.19	3.0	3.76	103.2
50	9/16/2009 23:46	15.10	48.83	31.91	8.52	8.19	4.5	3.71	103.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
51	9/17/2009 0:01	15.18	48.87	31.95	8.41	8.18	4.7	3.64	101.8
52	9/17/2009 0:16	15.26	48.77	31.87	8.46	8.18	6.7	3.53	102.6
53	9/17/2009 0:31	15.49	48.95	32.00	8.28	8.17	8.5	3.42	100.9
54	9/17/2009 0:46	15.71	49.10	32.12	8.13	8.16	8.2	3.31	99.6
55	9/17/2009 1:01	16.14	49.19	32.19	7.96	8.16	9.0	3.19	98.4
56	9/17/2009 1:16	16.46	49.10	32.13	7.95	8.17	9.6	3.06	98.8
57	9/17/2009 1:31	16.94	49.15	32.17	7.70	8.16	9.5	2.93	96.6
58	9/17/2009 1:46	17.25	48.96	32.04	7.57	8.16	9.7	2.81	95.5
59	9/17/2009 2:01	17.40	49.34	32.32	7.54	8.16	8.8	2.67	95.6
60	9/17/2009 2:16	17.48	49.15	32.18	7.52	8.17	8.2	2.54	95.4
61	9/17/2009 2:31	17.57	49.24	32.25	7.47	8.17	8.2	2.41	95.0
62	9/17/2009 2:46	17.29	49.27	32.27	7.46	8.15	7.6	2.27	94.2
63	9/17/2009 3:01	16.92	49.18	32.20	7.47	8.14	8.1	2.12	93.8
64	9/17/2009 3:16	17.20	48.95	32.03	7.47	8.15	10.4	1.98	94.1
65	9/17/2009 3:31	17.15	49.28	32.27	7.41	8.13	9.4	1.85	93.4
66	9/17/2009 3:46	17.36	49.06	32.11	7.39	8.14	8.6	1.71	93.5
67	9/17/2009 4:01	17.61	49.08	32.13	7.30	8.14	8.4	1.56	92.8
68	9/17/2009 4:16	17.77	49.13	32.17	7.28	8.14	7.6	1.46	92.8
69	9/17/2009 4:31	18.06	49.35	32.33	7.24	8.15	7.6	1.36	92.9
70	9/17/2009 4:46	18.30	49.33	32.32	7.25	8.16	7.9	1.29	93.5
71	9/17/2009 5:01	18.47	49.44	32.40	7.21	8.16	7.9	1.24	93.2
72	9/17/2009 5:16	18.76	49.33	32.32	7.32	8.19	7.3	1.24	95.1
73	9/17/2009 5:31	18.58	49.45	32.41	7.25	8.17	7.3	1.27	94.1
74	9/17/2009 5:46	18.63	49.34	32.32	7.32	8.19	6.6	1.32	95.0
75	9/17/2009 6:01	18.70	49.40	32.37	7.35	8.19	6.7	1.38	95.5
76	9/17/2009 6:16	18.84	49.37	32.35	7.41	8.21	7.7	1.48	96.5
77	9/17/2009 6:31	18.79	49.38	32.35	7.41	8.20	8.4	1.58	96.4
78	9/17/2009 6:46	18.83	49.21	32.23	7.33	8.19	10.4	1.67	95.4
79	9/17/2009 7:01	18.79	49.18	32.21	7.32	8.18	9.9	1.76	95.2
80	9/17/2009 7:16	18.63	49.17	32.20	7.33	8.18	9.8	1.86	95.0
81	9/17/2009 7:31	18.44	49.26	32.27	7.31	8.17	8.9	1.97	94.5
82	9/17/2009 7:46	18.32	49.35	32.33	7.29	8.16	8.6	2.07	94.0
83	9/17/2009 8:01	18.22	49.32	32.31	7.29	8.16	8.5	2.19	93.9
84	9/17/2009 8:16	18.09	49.28	32.28	7.31	8.16	8.4	2.30	93.8
85	9/17/2009 8:31	17.96	49.32	32.31	7.37	8.14	8.3	2.41	94.3
86	9/17/2009 8:46	17.77	49.27	32.27	7.39	8.14	9.3	2.51	94.2
87	9/17/2009 9:01	17.60	49.25	32.25	7.38	8.13	8.7	2.62	93.8
88	9/17/2009 9:16	17.42	49.30	32.29	7.41	8.12	10.7	2.73	94.0
89	9/17/2009 9:31	17.28	49.27	32.26	7.47	8.12	11.8	2.83	94.5
90	9/17/2009 9:46	17.10	49.27	32.26	7.55	8.12	13.3	2.93	95.1
91	9/17/2009 10:01	16.69	48.92	32.00	7.69	8.13	13.8	3.03	95.9
92	9/17/2009 10:16	16.14	48.86	31.95	7.93	8.14	13.3	3.13	97.8
93	9/17/2009 10:31	15.88	48.91	31.99	8.04	8.14	12.2	3.22	98.8
94	9/17/2009 10:46	15.76	48.80	31.90	8.12	8.14	10.3	3.31	99.4
95	9/17/2009 11:01	15.63	48.88	31.96	8.17	8.15	8.6	3.39	99.8
96	9/17/2009 11:16	15.49	48.86	31.94	8.23	8.16	7.1	3.47	100.3
97	9/17/2009 11:31	15.26	48.73	31.84	8.31	8.16	6.7	3.53	100.7
98	9/17/2009 11:46	15.18	48.86	31.93	8.33	8.16	5.0	3.59	100.9
99	9/17/2009 12:01	15.17	48.50	31.68	8.29	8.17	3.7	3.62	100.2
100	9/17/2009 12:16	15.70	48.70	31.83	8.14	8.16	4.1	3.61	99.5
101	9/17/2009 12:31	15.25	48.76	31.87	8.25	8.16	4.4	3.59	100.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
102	9/17/2009 12:46	15.31	48.83	31.91	8.21	8.16	4.7	3.54	99.6
103	9/17/2009 13:01	15.52	48.66	31.79	8.29	8.16	7.3	3.45	101.0
104	9/17/2009 13:16	16.14	48.78	31.90	8.45	8.18	10.6	3.35	104.2
105	9/17/2009 13:31	16.24	48.66	31.81	8.45	8.18	9.9	3.25	104.4
106	9/17/2009 13:46	16.53	48.91	31.99	8.43	8.17	12.3	3.14	104.8
107	9/17/2009 14:01	16.83	48.94	32.02	8.39	8.17	9.9	3.02	104.9
108	9/17/2009 14:16	17.13	48.93	32.01	8.21	8.17	11.1	2.90	103.3
109	9/17/2009 14:31	17.63	48.79	31.91	8.17	8.18	12.1	2.79	103.7
110	9/17/2009 14:46	17.87	49.05	32.11	8.32	8.19	10.8	2.68	106.2
111	9/17/2009 15:01	17.91	49.07	32.12	8.34	8.19	10.1	2.56	106.6
112	9/17/2009 15:16	18.12	49.14	32.17	8.46	8.20	10.4	2.45	108.6
113	9/17/2009 15:31	18.17	49.04	32.10	8.62	8.21	8.9	2.34	110.7
114	9/17/2009 15:46	18.24	49.06	32.12	8.72	8.22	9.3	2.24	112.2
115	9/17/2009 16:01	18.27	49.16	32.19	8.84	8.23	8.4	2.13	113.8
116	9/17/2009 16:16	18.36	48.90	32.00	9.03	8.23	7.8	2.02	116.4
117	9/17/2009 16:31	18.48	48.96	32.04	8.87	8.24	8.1	1.92	114.6
118	9/17/2009 16:46	18.51	49.00	32.08	8.88	8.24	7.3	1.83	114.7
119	9/17/2009 17:01	18.58	49.20	32.22	8.90	8.23	6.5	1.76	115.2
120	9/17/2009 17:16	18.72	49.18	32.21	8.84	8.23	6.6	1.72	114.7
121	9/17/2009 17:31	18.82	49.11	32.15	8.78	8.23	5.9	1.68	114.1
122	9/17/2009 17:46	18.68	48.99	32.07	9.12	8.25	5.4	1.68	118.2
123	9/17/2009 18:01	18.91	49.15	32.18	8.97	8.25	6.3	1.71	116.9
124	9/17/2009 18:16	19.00	49.19	32.22	8.91	8.25	6.5	1.75	116.4
125	9/17/2009 18:31	19.01	49.34	32.33	8.76	8.24	6.9	1.82	114.4
126	9/17/2009 18:46	19.33	49.32	32.31	8.65	8.24	8.2	1.91	113.6
127	9/17/2009 19:01	19.34	49.24	32.25	8.45	8.22	10.3	2.01	111.0
128	9/17/2009 19:16	19.43	49.27	32.27	8.34	8.20	12.0	2.11	109.8
129	9/17/2009 19:31	18.98	49.19	32.22	8.40	8.20	10.3	2.21	109.6
130	9/17/2009 19:46	18.81	49.20	32.22	8.40	8.19	8.6	2.31	109.3
131	9/17/2009 20:01	18.72	49.10	32.15	8.33	8.19	8.7	2.42	108.2
132	9/17/2009 20:16	18.31	49.20	32.22	8.11	8.16	8.4	2.50	104.5
133	9/17/2009 20:31	18.14	49.28	32.28	7.98	8.15	8.5	2.60	102.6
134	9/17/2009 20:46	17.94	48.96	32.04	8.00	8.15	9.5	2.70	102.3
135	9/17/2009 21:01	17.72	48.98	32.06	8.02	8.15	9.0	2.80	102.2
136	9/17/2009 21:16	17.44	48.90	32.00	8.05	8.15	10.7	2.90	101.9
137	9/17/2009 21:31	17.29	48.77	31.90	8.09	8.15	10.0	2.99	102.0
138	9/17/2009 21:46	17.16	49.00	32.06	8.08	8.14	10.1	3.09	101.8
139	9/17/2009 22:01	16.54	48.77	31.89	8.28	8.15	12.3	3.19	103.0
140	9/17/2009 22:16	16.22	48.80	31.91	8.37	8.16	11.0	3.29	103.4
141	9/17/2009 22:31	15.95	48.94	32.00	8.44	8.16	8.4	3.38	103.8
142	9/17/2009 22:46	15.76	48.60	31.76	8.59	8.17	7.6	3.48	105.0
143	9/17/2009 23:01	15.70	48.71	31.84	8.62	8.17	6.7	3.56	105.4
144	9/17/2009 23:16	15.55	48.77	31.87	8.68	8.18	5.1	3.62	105.8
145	9/17/2009 23:31	15.51	48.55	31.72	8.65	8.18	4.2	3.68	105.3
146	9/17/2009 23:46	15.41	48.92	31.98	8.61	8.17	3.2	3.73	104.7
147	9/18/2009 0:01	15.26	48.83	31.92	8.53	8.17	2.6	3.76	103.4
148	9/18/2009 0:16	15.76	48.79	31.89	8.35	8.16	3.6	3.74	102.3
149	9/18/2009 0:31	15.28	48.74	31.85	8.58	8.17	3.3	3.72	103.9
150	9/18/2009 0:46	15.82	48.84	31.94	8.22	8.15	5.4	3.67	100.8
151	9/18/2009 1:01	15.73	48.65	31.79	8.38	8.16	7.9	3.57	102.5
152	9/18/2009 1:16	15.98	48.78	31.89	8.12	8.15	8.5	3.46	99.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
153	9/18/2009 1:31	16.02	48.59	31.75	8.15	8.15	7.6	3.35	100.2
154	9/18/2009 1:46	16.32	48.71	31.84	8.01	8.14	7.1	3.22	99.1
155	9/18/2009 2:01	16.66	48.82	31.93	7.77	8.14	7.4	3.09	96.9
156	9/18/2009 2:16	17.08	48.78	31.91	7.62	8.12	7.6	2.96	95.8
157	9/18/2009 2:31	17.44	49.04	32.10	7.39	8.11	7.1	2.84	93.6
158	9/18/2009 2:46	17.48	49.10	32.14	7.31	8.12	7.0	2.71	92.7
159	9/18/2009 3:01	17.71	48.95	32.04	7.29	8.12	7.9	2.57	92.8
160	9/18/2009 3:16	18.00	49.07	32.12	7.20	8.12	8.1	2.44	92.2
161	9/18/2009 3:31	17.89	49.03	32.09	7.35	8.14	7.9	2.31	93.9
162	9/18/2009 3:46	17.77	49.12	32.16	7.36	8.13	7.9	2.17	93.8
163	9/18/2009 4:01	17.63	48.76	31.90	7.38	8.13	9.0	2.04	93.7
164	9/18/2009 4:16	17.46	49.03	32.09	7.36	8.12	10.1	1.89	93.2
165	9/18/2009 4:31	17.50	49.05	32.11	7.29	8.11	9.8	1.77	92.4
166	9/18/2009 4:46	17.61	48.95	32.03	7.23	8.11	8.9	1.64	91.8
167	9/18/2009 5:01	17.79	48.73	31.88	7.15	8.11	8.3	1.53	91.1
168	9/18/2009 5:16	18.00	49.12	32.16	7.14	8.11	8.2	1.43	91.5
169	9/18/2009 5:31	18.18	49.17	32.20	7.09	8.12	8.1	1.35	91.1
170	9/18/2009 5:46	18.28	49.19	32.21	7.05	8.12	7.2	1.31	90.8
171	9/18/2009 6:01	18.36	49.03	32.10	7.08	8.12	6.5	1.29	91.3
172	9/18/2009 6:16	18.21	49.19	32.21	6.95	8.11	6.7	1.31	89.4
173	9/18/2009 6:31	18.49	49.29	32.29	7.22	8.14	6.0	1.36	93.3
174	9/18/2009 6:46	18.53	48.96	32.05	7.24	8.14	6.8	1.42	93.6
175	9/18/2009 7:01	18.76	49.29	32.29	7.35	8.16	7.0	1.53	95.6
176	9/18/2009 7:16	18.62	49.26	32.26	7.32	8.15	7.7	1.62	94.9
177	9/18/2009 7:31	18.71	49.13	32.17	7.23	8.14	9.1	1.74	93.9
178	9/18/2009 7:46	18.61	49.14	32.18	7.22	8.14	9.8	1.84	93.6
179	9/18/2009 8:01	18.40	49.23	32.25	7.22	8.13	8.6	1.95	93.1
180	9/18/2009 8:16	18.29	49.13	32.17	7.19	8.12	7.6	2.07	92.6
181	9/18/2009 8:31	18.29	48.87	31.98	7.19	8.12	7.9	2.18	92.5
182	9/18/2009 8:46	18.12	49.05	32.11	7.26	8.12	8.4	2.29	93.1
183	9/18/2009 9:01	17.95	49.02	32.09	7.36	8.12	7.4	2.41	94.1
184	9/18/2009 9:16	17.79	48.87	31.98	7.41	8.11	11.1	2.52	94.4
185	9/18/2009 9:31	17.62	48.92	32.01	7.45	8.12	10.1	2.62	94.6
186	9/18/2009 9:46	17.45	48.84	31.96	7.53	8.11	10.4	2.73	95.2
187	9/18/2009 10:01	17.34	48.88	31.98	7.59	8.11	12.3	2.84	95.9
188	9/18/2009 10:16	16.93	48.96	32.03	7.69	8.11	13.9	2.95	96.5
189	9/18/2009 10:31	16.36	48.81	31.92	7.97	8.13	14.2	3.05	98.8
190	9/18/2009 10:46	16.05	48.81	31.91	8.11	8.13	14.8	3.16	99.9
191	9/18/2009 11:01	15.72	48.65	31.79	8.23	8.14	11.8	3.27	100.6
192	9/18/2009 11:16	15.63	48.68	31.81	8.27	8.14	10.7	3.37	101.0
193	9/18/2009 11:31	15.43	48.76	31.87	8.31	8.14	11.5	3.46	101.1
194	9/18/2009 11:46	14.91	48.84	31.91	8.29	8.14	11.0	3.55	99.9
195	9/18/2009 12:01	14.30	48.93	31.96	8.30	8.12	7.6	3.63	98.7
196	9/18/2009 12:16	13.94	48.81	31.87	8.28	8.12	5.7	3.68	97.8
197	9/18/2009 12:31	13.87	48.79	31.85	8.21	8.12	3.8	3.73	96.7
198	9/18/2009 12:46	13.77	48.97	31.97	8.07	8.11	3.3	3.75	95.0
199	9/18/2009 13:01	14.24	48.64	31.75	8.19	8.12	5.7	3.72	97.2
200	9/18/2009 13:16	13.98	48.93	31.95	8.21	8.12	4.6	3.69	97.0
201	9/18/2009 13:31	14.18	48.96	31.98	8.21	8.12	7.4	3.61	97.4
202	9/18/2009 13:46	15.54	48.86	31.95	8.61	8.17	7.9	3.52	105.0
203	9/18/2009 14:01	16.20	48.89	31.98	8.84	8.19	10.0	3.41	109.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
204	9/18/2009 14:16	16.43	48.73	31.86	8.63	8.17	11.6	3.28	107.0
205	9/18/2009 14:31	16.60	48.78	31.90	8.52	8.17	10.2	3.16	106.0
206	9/18/2009 14:46	16.73	48.79	31.91	8.49	8.17	10.1	3.03	105.9
207	9/18/2009 15:01	17.32	48.97	32.04	8.44	8.18	11.0	2.90	106.6
208	9/18/2009 15:16	17.73	48.79	31.92	8.52	8.18	10.6	2.79	108.3
209	9/18/2009 15:31	17.80	48.77	31.91	8.63	8.19	9.6	2.66	109.9
210	9/18/2009 15:46	18.12	48.88	31.99	8.70	8.20	11.4	2.52	111.5
211	9/18/2009 16:01	18.31	48.91	32.01	8.75	8.20	10.7	2.40	112.7
212	9/18/2009 16:16	18.31	48.93	32.03	8.83	8.21	9.0	2.28	113.7
213	9/18/2009 16:31	18.37	48.99	32.07	8.84	8.21	9.4	2.14	114.0
214	9/18/2009 16:46	18.23	48.99	32.07	9.12	8.22	8.2	2.02	117.3
215	9/18/2009 17:01	18.31	48.81	31.93	9.14	8.22	8.7	1.89	117.6
216	9/18/2009 17:16	18.41	48.98	32.06	9.11	8.23	8.3	1.78	117.5
217	9/18/2009 17:31	18.55	49.10	32.15	9.06	8.23	7.8	1.68	117.2
218	9/18/2009 17:46	18.66	48.82	31.95	9.05	8.23	7.8	1.58	117.3
219	9/18/2009 18:01	18.85	48.85	31.97	8.95	8.23	7.8	1.53	116.3
220	9/18/2009 18:16	18.94	49.10	32.15	8.93	8.23	7.1	1.49	116.4
221	9/18/2009 18:31	19.21	49.12	32.16	9.07	8.24	6.7	1.48	118.8
222	9/18/2009 18:46	19.32	49.25	32.26	9.18	8.25	6.5	1.50	120.6
223	9/18/2009 19:01	19.69	49.32	32.31	9.27	8.26	7.0	1.53	122.6
224	9/18/2009 19:16	19.65	49.29	32.29	9.11	8.25	7.1	1.61	120.5
225	9/18/2009 19:31	19.76	49.16	32.20	9.13	8.25	8.7	1.70	120.8
226	9/18/2009 19:46	19.69	49.02	32.09	8.98	8.23	9.4	1.80	118.6
227	9/18/2009 20:01	19.96	49.14	32.18	8.49	8.20	10.9	1.91	112.8
228	9/18/2009 20:16	19.58	49.27	32.28	8.54	8.20	10.4	2.02	112.7
229	9/18/2009 20:31	19.25	48.98	32.06	8.56	8.19	8.9	2.13	112.2
230	9/18/2009 20:46	19.23	49.23	32.25	8.52	8.19	8.2	2.24	111.8
231	9/18/2009 21:01	18.83	48.98	32.06	8.38	8.17	9.1	2.35	109.0
232	9/18/2009 21:16	18.63	48.90	32.00	8.22	8.16	8.4	2.45	106.4
233	9/18/2009 21:31	18.47	48.96	32.04	8.17	8.15	9.2	2.55	105.5
234	9/18/2009 21:46	18.25	48.92	32.02	8.21	8.15	10.2	2.66	105.5
235	9/18/2009 22:01	17.90	48.87	31.98	8.23	8.14	11.0	2.76	105.0
236	9/18/2009 22:16	17.74	48.79	31.92	8.24	8.14	10.9	2.85	104.9
237	9/18/2009 22:31	17.63	48.86	31.97	8.22	8.14	12.6	2.96	104.4
238	9/18/2009 22:46	17.16	49.03	32.09	8.26	8.14	12.8	3.06	104.1
239	9/18/2009 23:01	16.42	48.87	31.96	8.35	8.13	12.1	3.17	103.6
240	9/18/2009 23:16	15.98	48.91	31.99	8.37	8.13	9.8	3.26	103.0
241	9/18/2009 23:31	15.69	48.94	32.00	8.42	8.13	9.2	3.36	103.0
242	9/18/2009 23:46	15.54	48.74	31.86	8.48	8.13	8.8	3.46	103.4
243	9/19/2009 0:01	15.29	48.43	31.62	8.58	8.14	7.8	3.53	103.9
244	9/19/2009 0:16	14.96	48.83	31.91	8.52	8.13	6.3	3.60	102.6
245	9/19/2009 0:31	14.56	48.89	31.94	8.43	8.12	4.4	3.66	100.8
246	9/19/2009 0:46	14.18	48.82	31.88	8.34	8.07	3.4	3.69	98.9
247	9/19/2009 1:01	14.14	48.89	31.93	8.23	8.10	3.3	3.69	97.5
248	9/19/2009 1:16	14.13	48.93	31.96	8.13	8.10	3.9	3.67	96.4
249	9/19/2009 1:31	14.16	48.55	31.68	8.20	8.06	4.4	3.62	97.1
250	9/19/2009 1:46	14.89	48.77	31.86	8.16	8.12	6.9	3.54	98.2
251	9/19/2009 2:01	15.80	49.04	32.08	8.11	8.12	7.1	3.44	99.5
252	9/19/2009 2:16	16.23	48.89	31.98	7.97	8.12	8.1	3.32	98.5
253	9/19/2009 2:31	16.47	48.71	31.85	7.95	8.12	8.7	3.21	98.6
254	9/19/2009 2:46	16.54	48.76	31.89	7.87	8.12	7.5	3.09	97.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
255	9/19/2009 3:01	17.11	48.98	32.05	7.72	8.11	7.6	2.96	97.1
256	9/19/2009 3:16	17.49	48.95	32.03	7.51	8.10	7.0	2.84	95.1
257	9/19/2009 3:31	17.87	48.88	31.98	7.21	8.09	6.9	2.72	92.0
258	9/19/2009 3:46	17.86	48.92	32.02	7.37	8.10	7.1	2.59	94.1
259	9/19/2009 4:01	18.00	48.84	31.96	7.31	8.11	7.6	2.47	93.5
260	9/19/2009 4:16	18.02	49.05	32.11	7.38	8.11	8.1	2.34	94.5
261	9/19/2009 4:31	17.90	49.11	32.15	7.27	8.10	7.4	2.23	93.0
262	9/19/2009 4:46	17.75	49.06	32.12	7.32	8.11	7.7	2.09	93.2
263	9/19/2009 5:01	17.62	48.67	31.83	7.42	8.11	8.9	1.97	94.2
264	9/19/2009 5:16	17.65	49.11	32.15	7.31	8.10	9.1	1.85	92.9
265	9/19/2009 5:31	17.86	49.01	32.08	7.31	8.11	8.3	1.73	93.3
266	9/19/2009 5:46	17.95	49.15	32.19	7.22	8.10	7.9	1.64	92.4
267	9/19/2009 6:01	18.18	49.14	32.18	7.21	8.10	7.6	1.55	92.7
268	9/19/2009 6:16	18.32	49.11	32.16	7.20	8.10	7.8	1.51	92.8
269	9/19/2009 6:31	18.48	49.26	32.27	7.24	8.11	6.8	1.47	93.6
270	9/19/2009 6:46	18.71	49.16	32.19	7.34	8.12	6.2	1.46	95.3
271	9/19/2009 7:01	18.58	48.97	32.05	7.25	8.12	6.1	1.48	93.8
272	9/19/2009 7:16	18.71	49.19	32.21	7.36	8.13	6.2	1.54	95.6
273	9/19/2009 7:31	18.83	48.90	32.00	7.41	8.14	7.1	1.61	96.3
274	9/19/2009 7:46	18.85	49.23	32.25	7.43	8.14	7.0	1.71	96.7
275	9/19/2009 8:01	18.78	49.25	32.26	7.38	8.13	7.3	1.82	96.0
276	9/19/2009 8:16	18.84	49.13	32.17	7.26	8.12	8.9	1.93	94.4
277	9/19/2009 8:31	18.61	49.14	32.18	7.29	8.12	7.9	2.04	94.5
278	9/19/2009 8:46	18.39	48.86	31.97	7.30	8.11	7.3	2.15	94.0
279	9/19/2009 9:01	18.40	49.21	32.23	7.28	8.11	6.7	2.26	94.0
280	9/19/2009 9:16	18.30	48.99	32.07	7.35	8.11	7.3	2.38	94.6
281	9/19/2009 9:31	18.07	49.08	32.13	7.47	8.11	8.0	2.49	95.7
282	9/19/2009 9:46	17.95	49.13	32.17	7.55	8.11	7.6	2.59	96.6
283	9/19/2009 10:01	17.72	48.80	31.93	7.61	8.11	9.2	2.70	96.8
284	9/19/2009 10:16	17.46	48.78	31.91	7.66	8.10	10.3	2.81	96.9
285	9/19/2009 10:31	17.31	48.81	31.93	7.72	8.11	10.5	2.92	97.5
286	9/19/2009 10:46	17.03	48.89	31.99	7.76	8.10	11.3	3.02	97.5
287	9/19/2009 11:01	16.45	48.87	31.96	7.87	8.10	11.4	3.14	97.7
288	9/19/2009 11:16	15.87	48.96	32.02	7.94	8.10	12.4	3.24	97.5
289	9/19/2009 11:31	15.22	48.94	31.99	7.99	8.09	9.8	3.34	96.8
290	9/19/2009 11:46	14.82	48.91	31.96	8.03	8.10	8.9	3.45	96.5
291	9/19/2009 12:01	14.64	49.00	32.02	8.06	8.10	8.2	3.55	96.6
292	9/19/2009 12:16	14.53	48.89	31.94	8.10	8.11	7.1	3.64	96.8
293	9/19/2009 12:31	14.14	48.83	31.89	8.25	8.12	6.2	3.71	97.8
294	9/19/2009 12:46	13.96	48.97	31.98	8.28	8.12	4.5	3.78	97.8
295	9/19/2009 13:01	13.88	48.78	31.84	8.27	8.11	2.9	3.82	97.4
296	9/19/2009 13:16	14.35	48.65	31.76	8.29	8.11	3.0	3.83	98.6
297	9/19/2009 13:31	14.17	48.96	31.98	8.18	8.11	4.0	3.84	97.1
298	9/19/2009 13:46	13.90	49.01	32.01	8.20	8.11	4.0	3.80	96.8
299	9/19/2009 14:01	14.02	48.97	31.99	8.22	8.11	5.5	3.72	97.2
300	9/19/2009 14:16	14.62	48.99	32.02	8.42	8.12	9.0	3.62	100.8
301	9/19/2009 14:31	15.57	48.66	31.79	8.59	8.14	10.4	3.51	104.7
302	9/19/2009 14:46	15.74	48.91	31.98	8.46	8.13	10.7	3.39	103.6
303	9/19/2009 15:01	15.90	48.98	32.04	8.25	8.13	11.7	3.27	101.3
304	9/19/2009 15:16	16.22	48.98	32.04	8.21	8.13	11.0	3.12	101.5
305	9/19/2009 15:31	16.87	48.95	32.03	8.23	8.15	12.6	3.01	103.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
306	9/19/2009 15:46	17.25	48.79	31.91	8.32	8.15	14.5	2.88	104.9
307	9/19/2009 16:01	17.63	48.71	31.86	8.41	8.17	15.0	2.75	106.8
308	9/19/2009 16:16	18.19	48.82	31.94	8.53	8.19	17.5	2.61	109.5
309	9/19/2009 16:31	18.20	49.02	32.09	8.44	8.18	16.9	2.47	108.5
310	9/19/2009 16:46	17.91	49.05	32.11	8.39	8.16	18.1	2.35	107.2
311	9/19/2009 17:01	17.75	48.99	32.06	8.57	8.17	18.4	2.20	109.1
312	9/19/2009 17:16	17.73	48.58	31.77	8.51	8.17	19.8	2.05	108.2
313	9/19/2009 17:31	17.82	48.88	31.99	8.60	8.17	19.2	1.93	109.6
314	9/19/2009 17:46	17.99	49.00	32.08	8.50	8.17	19.2	1.80	108.8
315	9/19/2009 18:01	18.17	48.81	31.94	8.28	8.16	20.9	1.66	106.2
316	9/19/2009 18:16	18.32	49.09	32.14	8.22	8.16	22.5	1.53	105.9
317	9/19/2009 18:31	18.44	49.16	32.19	8.16	8.16	17.4	1.45	105.3
318	9/19/2009 18:46	18.57	49.06	32.12	8.12	8.16	16.8	1.38	105.1
319	9/19/2009 19:01	18.60	49.11	32.16	8.08	8.16	13.7	1.33	104.6
320	9/19/2009 19:16	18.73	48.96	32.05	8.03	8.16	10.9	1.32	104.2
321	9/19/2009 19:31	18.92	49.04	32.11	8.07	8.17	13.1	1.35	105.1
322	9/19/2009 19:46	19.00	49.09	32.14	7.98	8.16	13.9	1.41	104.2
323	9/19/2009 20:01	19.36	49.09	32.14	7.79	8.16	15.0	1.49	102.3
324	9/19/2009 20:16	19.59	49.16	32.19	7.71	8.16	16.2	1.58	101.7
325	9/19/2009 20:31	19.56	49.33	32.32	7.68	8.16	16.0	1.68	101.4
326	9/19/2009 20:46	19.70	49.16	32.19	7.68	8.15	15.9	1.80	101.5
327	9/19/2009 21:01	19.67	49.29	32.28	7.68	8.15	19.2	1.90	101.6
328	9/19/2009 21:16	19.41	49.01	32.09	7.79	8.15	14.6	2.00	102.4
329	9/19/2009 21:31	19.15	49.09	32.14	7.85	8.14	12.5	2.11	102.7
330	9/19/2009 21:46	19.06	49.03	32.10	7.87	8.14	12.7	2.22	102.7
331	9/19/2009 22:01	18.99	49.14	32.18	7.84	8.14	15.8	2.32	102.3
332	9/19/2009 22:16	18.80	48.96	32.04	7.85	8.13	16.2	2.42	102.0
333	9/19/2009 22:31	18.53	49.04	32.11	7.95	8.13	15.9	2.54	102.8
334	9/19/2009 22:46	18.26	49.15	32.19	8.02	8.13	17.8	2.64	103.2
335	9/19/2009 23:01	17.93	49.10	32.15	8.08	8.13	16.8	2.73	103.4
336	9/19/2009 23:16	17.79	48.95	32.03	8.07	8.12	14.8	2.83	102.9
337	9/19/2009 23:31	17.44	49.07	32.12	8.11	8.12	17.2	2.93	102.7
338	9/19/2009 23:46	17.04	48.97	32.04	8.14	8.11	15.9	3.03	102.3
339	9/20/2009 0:01	16.42	48.86	31.96	8.18	8.11	14.1	3.12	101.5
340	9/20/2009 0:16	15.93	49.10	32.12	8.22	8.11	11.1	3.21	101.1
341	9/20/2009 0:31	15.57	49.01	32.05	8.25	8.10	10.4	3.29	100.7
342	9/20/2009 0:46	15.42	49.09	32.11	8.27	8.11	8.4	3.37	100.7
343	9/20/2009 1:01	15.24	49.16	32.15	8.28	8.11	7.1	3.45	100.5
344	9/20/2009 1:16	14.96	49.09	32.09	8.28	8.11	6.0	3.51	99.9
345	9/20/2009 1:31	14.68	49.11	32.11	8.26	8.11	4.3	3.55	99.1
346	9/20/2009 1:46	14.43	49.00	32.02	8.20	8.11	3.1	3.57	97.9
347	9/20/2009 2:01	14.76	49.00	32.03	8.12	8.11	4.0	3.57	97.6
348	9/20/2009 2:16	14.60	49.05	32.06	8.13	8.10	4.2	3.53	97.4
349	9/20/2009 2:31	14.69	49.03	32.05	8.11	8.10	5.3	3.47	97.3
350	9/20/2009 2:46	15.67	48.96	32.02	7.96	8.10	8.2	3.40	97.3
351	9/20/2009 3:01	15.81	48.77	31.88	7.91	8.10	8.7	3.29	96.9
352	9/20/2009 3:16	16.03	49.07	32.10	7.84	8.09	12.3	3.18	96.6
353	9/20/2009 3:31	16.24	49.18	32.19	7.65	8.09	8.5	3.07	94.8
354	9/20/2009 3:46	16.64	49.15	32.17	7.39	8.08	8.5	2.95	92.2
355	9/20/2009 4:01	17.17	48.93	32.01	7.24	8.08	9.2	2.83	91.2
356	9/20/2009 4:16	17.47	49.19	32.21	7.14	8.08	11.4	2.72	90.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
357	9/20/2009 4:31	17.62	49.22	32.23	6.97	8.07	11.8	2.61	88.7
358	9/20/2009 4:46	17.71	49.21	32.23	6.88	8.06	10.4	2.50	87.7
359	9/20/2009 5:01	17.71	49.30	32.29	6.84	8.07	10.1	2.38	87.1
360	9/20/2009 5:16	17.63	49.15	32.18	6.66	8.05	9.7	2.27	84.7
361	9/20/2009 5:31	17.36	49.20	32.22	6.93	8.06	9.9	2.15	87.7
362	9/20/2009 5:46	17.41	49.11	32.15	6.95	8.06	11.1	2.04	88.0
363	9/20/2009 6:01	17.45	49.10	32.14	6.99	8.07	14.4	1.94	88.5
364	9/20/2009 6:16	17.50	49.08	32.13	6.94	8.06	10.1	1.85	88.0
365	9/20/2009 6:31	17.68	48.96	32.04	6.88	8.06	8.9	1.77	87.4
366	9/20/2009 6:46	17.76	49.31	32.30	6.83	8.06	8.1	1.70	87.1
367	9/20/2009 7:01	18.02	49.13	32.17	6.75	8.06	8.1	1.66	86.5
368	9/20/2009 7:16	18.22	49.18	32.21	6.72	8.06	7.6	1.66	86.5
369	9/20/2009 7:31	18.04	49.32	32.31	6.57	8.06	7.1	1.65	84.3
370	9/20/2009 7:46	18.23	49.22	32.24	6.70	8.07	9.2	1.67	86.3
371	9/20/2009 8:01	18.35	49.21	32.23	6.71	8.07	7.8	1.76	86.6
372	9/20/2009 8:16	18.57	49.00	32.07	6.63	8.08	8.8	1.83	85.8
373	9/20/2009 8:31	18.46	49.29	32.29	6.69	8.08	9.3	1.92	86.5
374	9/20/2009 8:46	18.37	49.26	32.26	6.73	8.07	10.6	2.03	86.8
375	9/20/2009 9:01	18.24	49.23	32.24	6.82	8.07	10.3	2.13	87.7
376	9/20/2009 9:16	18.08	49.14	32.18	6.87	8.07	9.9	2.25	88.1
377	9/20/2009 9:31	18.05	49.16	32.19	6.90	8.07	8.8	2.35	88.5
378	9/20/2009 9:46	18.02	49.06	32.12	6.95	8.07	8.7	2.45	89.0
379	9/20/2009 10:01	17.89	49.18	32.21	7.12	8.08	8.8	2.55	91.0
380	9/20/2009 10:16	17.69	49.27	32.27	7.29	8.08	9.8	2.65	92.9
381	9/20/2009 10:31	17.52	49.22	32.23	7.46	8.09	9.8	2.75	94.7
382	9/20/2009 10:46	17.20	48.80	31.92	7.56	8.09	11.0	2.85	95.2
383	9/20/2009 11:01	16.97	48.97	32.04	7.63	8.09	12.0	2.95	95.8
384	9/20/2009 11:16	16.71	49.09	32.13	7.71	8.09	13.0	3.05	96.2
385	9/20/2009 11:31	16.08	48.69	31.83	7.85	8.08	12.0	3.15	96.7
386	9/20/2009 11:46	15.42	48.99	32.03	7.96	8.08	10.3	3.26	96.8
387	9/20/2009 12:01	14.90	48.77	31.86	8.01	8.08	12.3	3.36	96.4
388	9/20/2009 12:16	14.63	49.00	32.03	8.04	8.09	9.5	3.46	96.3
389	9/20/2009 12:31	14.29	49.12	32.10	8.05	8.09	7.8	3.56	95.8
390	9/20/2009 12:46	14.15	49.16	32.13	8.04	8.09	8.6	3.65	95.4
391	9/20/2009 13:01	13.85	49.17	32.13	8.06	8.05	7.1	3.73	95.1
392	9/20/2009 13:16	13.64	48.87	31.90	8.12	8.09	5.2	3.79	95.2
393	9/20/2009 13:31	13.55	49.02	32.01	8.09	8.09	4.1	3.84	94.8
394	9/20/2009 13:46	13.33	49.08	32.04	8.05	8.09	3.7	3.87	93.9
395	9/20/2009 14:01	13.92	49.17	32.13	8.07	8.10	3.9	3.87	95.4
396	9/20/2009 14:16	13.50	48.96	31.96	8.03	8.09	4.3	3.83	93.9
397	9/20/2009 14:31	13.51	48.97	31.97	8.02	8.09	4.9	3.78	93.9
398	9/20/2009 14:46	13.83	49.09	32.07	8.11	8.10	5.9	3.68	95.6
399	9/20/2009 15:01	14.76	48.91	31.96	8.54	8.07	9.5	3.57	102.6
400	9/20/2009 15:16	14.92	49.06	32.08	8.64	8.14	7.9	3.46	104.2
401	9/20/2009 15:31	15.92	49.10	32.13	8.35	8.13	11.3	3.33	102.7
402	9/20/2009 15:46	16.02	49.12	32.14	8.31	8.13	11.4	3.19	102.4
403	9/20/2009 16:01	16.37	49.01	32.07	8.33	8.13	9.4	3.07	103.4
404	9/20/2009 16:16	16.94	48.88	31.98	8.38	8.15	8.6	2.94	105.0
405	9/20/2009 16:31	17.12	49.12	32.16	8.36	8.14	9.1	2.81	105.3
406	9/20/2009 16:46	17.66	49.08	32.13	8.56	8.17	8.8	2.68	108.8
407	9/20/2009 17:01	17.86	48.81	31.93	8.49	8.16	9.3	2.54	108.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
408	9/20/2009 17:16	18.02	49.10	32.15	8.62	8.17	10.6	2.42	110.4
409	9/20/2009 17:31	17.85	48.95	32.04	8.80	8.18	9.2	2.27	112.3
410	9/20/2009 17:46	17.70	49.07	32.12	8.86	8.18	9.1	2.12	112.8
411	9/20/2009 18:01	17.50	49.18	32.20	9.01	8.19	8.8	1.99	114.3
412	9/20/2009 18:16	17.99	49.02	32.09	8.72	8.18	9.6	1.85	111.6
413	9/20/2009 18:31	18.13	48.89	31.99	8.70	8.18	11.2	1.70	111.5
414	9/20/2009 18:46	18.26	49.20	32.22	8.54	8.17	10.1	1.58	110.0
415	9/20/2009 19:01	18.41	49.12	32.16	8.48	8.17	9.9	1.47	109.4
416	9/20/2009 19:16	18.57	49.24	32.25	8.43	8.17	9.3	1.36	109.2
417	9/20/2009 19:31	18.79	48.73	31.88	8.39	8.17	9.6	1.29	108.9
418	9/20/2009 19:46	18.95	49.33	32.32	8.29	8.17	8.4	1.28	108.2
419	9/20/2009 20:01	19.29	49.30	32.30	8.30	8.17	8.4	1.24	109.0
420	9/20/2009 20:16	19.17	49.15	32.19	8.27	8.17	9.6	1.28	108.3
421	9/20/2009 20:31	19.29	49.20	32.22	8.28	8.17	7.6	1.34	108.7
422	9/20/2009 20:46	19.31	49.34	32.32	8.23	8.16	7.6	1.39	108.1
423	9/20/2009 21:01	19.37	49.39	32.36	8.18	8.16	8.4	1.49	107.6
424	9/20/2009 21:16	19.26	49.04	32.10	8.14	8.16	8.5	1.60	106.8
425	9/20/2009 21:31	19.50	49.26	32.27	7.85	8.12	10.3	1.70	103.5
426	9/20/2009 21:46	19.34	49.33	32.32	7.92	8.13	9.5	1.80	104.1
427	9/20/2009 22:01	19.14	49.24	32.26	7.98	8.13	8.2	1.91	104.5
428	9/20/2009 22:16	19.04	49.15	32.18	8.00	8.13	7.6	2.00	104.5
429	9/20/2009 22:31	19.03	49.20	32.22	7.98	8.13	8.0	2.10	104.2
430	9/20/2009 22:46	18.80	49.32	32.31	8.02	8.13	8.0	2.22	104.4
431	9/20/2009 23:01	18.59	49.01	32.08	7.97	8.12	7.7	2.31	103.1
432	9/20/2009 23:16	18.42	49.27	32.27	7.95	8.12	7.0	2.40	102.7
433	9/20/2009 23:31	18.28	49.25	32.26	8.00	8.11	8.5	2.51	103.1
434	9/20/2009 23:46	17.99	49.20	32.22	8.02	8.11	8.4	2.61	102.7
435	9/21/2009 0:01	17.78	49.14	32.18	8.01	8.11	9.2	2.70	102.2
436	9/21/2009 0:16	17.58	49.20	32.22	8.03	8.11	11.2	2.79	102.0
437	9/21/2009 0:31	17.17	49.02	32.08	8.09	8.10	10.9	2.88	101.9
438	9/21/2009 0:46	16.83	48.90	31.99	8.10	8.10	9.8	2.97	101.3
439	9/21/2009 1:01	16.05	49.12	32.14	8.16	8.09	10.4	3.06	100.7
440	9/21/2009 1:16	15.71	49.15	32.16	8.17	8.10	11.0	3.15	100.1
441	9/21/2009 1:31	15.21	48.91	31.97	8.25	8.10	18.9	3.22	100.0
442	9/21/2009 1:46	15.17	49.21	32.19	8.22	8.10	9.2	3.29	99.7
443	9/21/2009 2:01	14.83	49.19	32.17	8.24	8.10	7.3	3.35	99.1
444	9/21/2009 2:16	14.46	49.11	32.10	8.22	8.10	6.2	3.40	98.1
445	9/21/2009 2:31	14.29	49.24	32.19	8.12	8.10	4.3	3.43	96.6
446	9/21/2009 2:46	14.84	49.05	32.06	8.09	8.10	4.0	3.44	97.4
447	9/21/2009 3:01	14.56	49.23	32.19	8.02	8.10	4.6	3.43	96.0
448	9/21/2009 3:16	14.38	49.02	32.03	8.03	8.10	4.9	3.39	95.8
449	9/21/2009 3:31	14.76	49.16	32.14	7.97	8.10	6.7	3.32	95.8
450	9/21/2009 3:46	15.59	49.11	32.13	7.85	8.09	7.2	3.24	95.9
451	9/21/2009 4:01	15.82	49.17	32.18	7.83	8.10	8.6	3.14	96.1
452	9/21/2009 4:16	16.27	49.12	32.15	7.62	8.09	7.7	3.03	94.4
453	9/21/2009 4:31	16.30	48.89	31.98	7.56	8.08	13.6	2.93	93.5
454	9/21/2009 4:46	16.76	49.11	32.15	7.35	8.07	6.9	2.82	92.0
455	9/21/2009 5:01	16.99	49.23	32.23	7.09	8.05	5.7	2.73	89.0
456	9/21/2009 5:16	17.33	49.20	32.22	6.94	8.05	5.9	2.62	87.7
457	9/21/2009 5:31	17.40	49.27	32.26	6.77	8.04	5.8	2.53	85.8
458	9/21/2009 5:46	17.53	49.40	32.36	6.67	8.03	6.2	2.45	84.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
459	9/21/2009 6:01	17.59	49.34	32.32	6.81	8.04	6.7	2.35	86.6
460	9/21/2009 6:16	17.51	49.37	32.34	6.87	8.05	6.6	2.26	87.3
461	9/21/2009 6:31	17.32	49.22	32.23	6.93	8.05	6.7	2.18	87.6
462	9/21/2009 6:46	17.28	49.13	32.17	7.02	8.05	6.9	2.09	88.7
463	9/21/2009 7:01	17.29	49.32	32.30	7.01	8.05	7.0	2.01	88.7
464	9/21/2009 7:16	17.47	49.38	32.35	6.99	8.06	6.2	1.95	88.7
465	9/21/2009 7:31	17.70	49.34	32.32	6.95	8.06	6.3	1.90	88.6
466	9/21/2009 7:46	17.90	49.25	32.25	6.97	8.07	6.0	1.89	89.2
467	9/21/2009 8:01	18.02	49.31	32.30	6.99	8.07	5.8	1.86	89.7
468	9/21/2009 8:16	18.04	49.27	32.27	6.78	8.07	5.8	1.89	86.9
469	9/21/2009 8:31	18.13	49.35	32.33	6.93	8.07	5.6	1.93	89.0
470	9/21/2009 8:46	18.07	49.26	32.27	6.98	8.07	5.8	2.00	89.5
471	9/21/2009 9:01	18.08	49.30	32.29	7.06	8.07	6.1	2.07	90.6
472	9/21/2009 9:16	17.99	49.12	32.16	7.12	8.07	6.5	2.15	91.2
473	9/21/2009 9:31	17.94	49.29	32.29	7.13	8.07	6.6	2.25	91.3
474	9/21/2009 9:46	17.79	49.26	32.26	7.16	8.07	6.4	2.35	91.3
475	9/21/2009 10:01	17.68	49.18	32.21	7.17	8.07	6.0	2.43	91.3
476	9/21/2009 10:16	17.70	49.34	32.32	7.21	8.07	5.6	2.53	91.9
477	9/21/2009 10:31	17.46	49.36	32.33	7.37	8.07	6.2	2.62	93.5
478	9/21/2009 10:46	17.20	49.22	32.23	7.55	8.08	6.3	2.71	95.3
479	9/21/2009 11:01	17.07	49.10	32.14	7.65	8.08	6.8	2.80	96.2
480	9/21/2009 11:16	16.86	49.04	32.10	7.75	8.08	6.9	2.90	97.0
481	9/21/2009 11:31	16.51	49.10	32.13	7.81	8.08	8.0	3.00	97.2
482	9/21/2009 11:46	16.29	49.33	32.29	7.83	8.09	8.2	3.09	97.1
483	9/21/2009 12:01	15.68	49.12	32.13	7.92	8.09	10.6	3.20	97.0
484	9/21/2009 12:16	15.02	49.05	32.07	8.02	8.00	8.7	3.29	96.8
485	9/21/2009 12:31	14.52	49.25	32.20	8.05	8.09	8.7	3.40	96.4
486	9/21/2009 12:46	14.19	48.86	31.91	8.05	7.99	9.6	3.50	95.5
487	9/21/2009 13:01	13.88	49.08	32.06	8.06	7.99	10.6	3.59	95.1
488	9/21/2009 13:16	13.75	49.14	32.10	8.04	7.99	7.2	3.66	94.7
489	9/21/2009 13:31	13.67	49.30	32.22	8.05	8.09	5.5	3.75	94.7
490	9/21/2009 13:46	13.34	49.39	32.27	8.01	8.09	5.8	3.81	93.6
491	9/21/2009 14:01	13.26	49.38	32.26	7.94	8.09	4.2	3.84	92.7
492	9/21/2009 14:16	13.27	49.34	32.23	7.86	8.09	2.8	3.87	91.7
493	9/21/2009 14:31	13.68	49.16	32.11	8.01	8.10	3.8	3.88	94.2
494	9/21/2009 14:46	13.50	49.19	32.13	7.87	8.09	3.8	3.85	92.2
495	9/21/2009 15:01	13.37	49.15	32.09	7.88	8.09	5.0	3.79	92.1
496	9/21/2009 15:16	13.63	49.07	32.04	7.97	8.10	6.9	3.72	93.6
497	9/21/2009 15:31	14.71	49.17	32.15	8.60	8.14	5.7	3.65	103.2
498	9/21/2009 15:46	15.39	49.14	32.14	8.77	8.12	6.2	3.54	106.7
499	9/21/2009 16:01	15.76	49.06	32.09	8.61	8.15	9.5	3.41	105.6
500	9/21/2009 16:16	15.81	48.94	32.00	8.54	8.14	9.0	3.29	104.8
501	9/21/2009 16:31	16.09	48.96	32.03	8.60	8.15	7.5	3.17	106.1
502	9/21/2009 16:46	16.41	49.29	32.27	8.59	8.15	8.7	3.05	106.8
503	9/21/2009 17:01	16.74	49.27	32.26	8.68	8.14	7.7	2.92	108.6
504	9/21/2009 17:16	17.02	49.17	32.19	8.66	8.15	9.0	2.78	108.8
505	9/21/2009 17:31	17.40	49.16	32.19	8.86	8.17	8.6	2.66	112.2
506	9/21/2009 17:46	17.84	49.21	32.22	9.10	8.19	8.7	2.53	116.3
507	9/21/2009 18:01	18.07	49.09	32.14	9.26	8.20	8.7	2.40	118.8
508	9/21/2009 18:16	17.77	49.12	32.16	9.12	8.19	7.6	2.26	116.3
509	9/21/2009 18:31	17.62	49.33	32.31	9.13	8.19	7.3	2.13	116.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
510	9/21/2009 18:46	17.71	49.31	32.30	9.08	8.18	7.9	2.00	115.7
511	9/21/2009 19:01	17.94	49.23	32.24	8.94	8.18	9.0	1.85	114.5
512	9/21/2009 19:16	18.11	49.14	32.18	8.94	8.18	9.3	1.72	114.7
513	9/21/2009 19:31	18.12	49.29	32.28	8.85	8.18	10.1	1.61	113.7
514	9/21/2009 19:46	18.31	49.19	32.22	8.73	8.17	9.0	1.51	112.5
515	9/21/2009 20:01	18.53	49.21	32.23	8.73	8.17	8.9	1.41	112.9
516	9/21/2009 20:16	18.85	49.34	32.33	8.76	8.18	8.5	1.35	114.2
517	9/21/2009 20:31	19.01	49.26	32.26	8.81	8.19	7.4	1.33	115.1
518	9/21/2009 20:46	19.33	49.38	32.36	8.96	8.19	7.2	1.32	117.8
519	9/21/2009 21:01	18.94	49.36	32.34	8.66	8.18	6.5	1.33	113.0
520	9/21/2009 21:16	19.34	49.39	32.36	9.02	8.20	6.4	1.39	118.6
521	9/21/2009 21:31	19.26	49.50	32.44	8.96	8.20	6.8	1.47	117.7
522	9/21/2009 21:46	19.31	49.15	32.19	9.01	8.20	7.3	1.55	118.2
523	9/21/2009 22:01	19.29	49.19	32.21	8.86	8.18	7.0	1.65	116.3
524	9/21/2009 22:16	19.47	49.37	32.35	8.35	8.14	8.9	1.73	110.1
525	9/21/2009 22:31	19.43	49.39	32.36	8.33	8.14	9.7	1.83	109.7
526	9/21/2009 22:46	19.09	49.33	32.32	8.49	8.15	7.3	1.93	111.1
527	9/21/2009 23:01	18.99	49.36	32.34	8.50	8.15	6.8	2.02	111.0
528	9/21/2009 23:16	18.90	49.29	32.29	8.53	8.15	7.6	2.12	111.2
529	9/21/2009 23:31	18.67	49.30	32.29	8.54	8.15	6.2	2.21	110.9
530	9/21/2009 23:46	18.49	49.39	32.36	8.45	8.14	6.1	2.30	109.4
531	9/22/2009 0:01	18.36	49.21	32.23	8.33	8.13	5.9	2.39	107.5
532	9/22/2009 0:16	18.30	49.24	32.25	8.28	8.12	6.1	2.49	106.6
533	9/22/2009 0:31	18.04	49.14	32.17	8.32	8.12	6.9	2.58	106.6
534	9/22/2009 0:46	17.79	49.04	32.10	8.32	8.12	6.8	2.66	106.1
535	9/22/2009 1:01	17.61	49.11	32.15	8.27	8.11	7.3	2.75	105.1
536	9/22/2009 1:16	17.44	49.19	32.21	8.23	8.11	7.4	2.83	104.3
537	9/22/2009 1:31	17.00	49.19	32.20	8.21	8.11	8.7	2.92	103.2
538	9/22/2009 1:46	16.71	49.21	32.21	8.17	8.11	7.7	2.99	102.1
539	9/22/2009 2:01	15.98	49.28	32.26	8.18	8.10	7.3	3.07	100.8
540	9/22/2009 2:16	15.74	49.18	32.18	8.10	8.10	7.7	3.15	99.3
541	9/22/2009 2:31	15.20	49.27	32.24	8.14	8.10	7.4	3.20	98.8
542	9/22/2009 2:46	15.19	49.23	32.21	8.09	8.10	6.4	3.26	98.1
543	9/22/2009 3:01	14.91	49.24	32.21	8.12	8.10	4.6	3.32	98.0
544	9/22/2009 3:16	14.89	49.24	32.21	8.06	8.10	3.7	3.34	97.1
545	9/22/2009 3:31	15.11	49.26	32.23	8.01	8.10	4.4	3.35	96.9
546	9/22/2009 3:46	14.83	49.17	32.16	7.93	8.09	3.5	3.35	95.5
547	9/22/2009 4:01	14.77	49.19	32.17	7.99	8.09	4.0	3.32	96.1
548	9/22/2009 4:16	14.85	49.04	32.06	7.97	8.09	5.2	3.26	96.0
549	9/22/2009 4:31	15.58	49.05	32.08	7.83	8.09	6.2	3.19	95.6
550	9/22/2009 4:46	15.87	49.20	32.20	7.81	8.09	8.0	3.11	96.0
551	9/22/2009 5:01	15.95	49.28	32.25	7.80	8.09	7.3	3.02	96.1
552	9/22/2009 5:16	16.09	49.30	32.27	7.70	8.08	5.9	2.93	95.1
553	9/22/2009 5:31	16.25	49.26	32.24	7.61	8.08	5.5	2.84	94.3
554	9/22/2009 5:46	16.38	49.29	32.27	7.51	8.07	4.9	2.76	93.2
555	9/22/2009 6:01	16.85	49.38	32.34	7.30	8.06	5.1	2.67	91.6
556	9/22/2009 6:16	16.98	49.21	32.22	7.19	8.05	5.2	2.60	90.4
557	9/22/2009 6:31	17.03	49.27	32.26	7.21	8.06	5.1	2.52	90.7
558	9/22/2009 6:46	17.19	49.39	32.36	7.25	8.06	5.2	2.44	91.5
559	9/22/2009 7:01	17.17	49.32	32.30	7.35	8.07	5.9	2.37	92.8
560	9/22/2009 7:16	17.22	49.24	32.24	7.39	8.07	6.3	2.31	93.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
561	9/22/2009 7:31	17.29	49.38	32.35	7.38	8.07	5.9	2.25	93.4
562	9/22/2009 7:46	17.40	49.24	32.24	7.39	8.07	17.2	2.19	93.6
563	9/22/2009 8:01	17.64	49.36	32.34	7.45	8.08	7.8	2.16	94.9
564	9/22/2009 8:16	17.87	49.30	32.29	7.45	8.09	5.0	2.14	95.3
565	9/22/2009 8:31	18.03	49.32	32.31	7.45	8.09	4.6	2.13	95.6
566	9/22/2009 8:46	18.09	49.20	32.22	7.14	8.09	4.9	2.13	91.6
567	9/22/2009 9:01	18.08	49.38	32.35	7.48	8.09	4.8	2.17	96.1
568	9/22/2009 9:16	18.01	49.41	32.37	7.49	8.09	4.8	2.20	96.0
569	9/22/2009 9:31	18.00	49.35	32.33	7.56	8.09	5.0	2.25	97.0
570	9/22/2009 9:46	17.99	49.27	32.27	7.59	8.09	5.2	2.33	97.2
571	9/22/2009 10:01	17.90	49.21	32.23	7.63	8.09	5.7	2.40	97.5
572	9/22/2009 10:16	17.79	49.35	32.32	7.61	8.09	5.7	2.48	97.2
573	9/22/2009 10:31	17.62	49.29	32.28	7.59	8.08	5.4	2.56	96.6
574	9/22/2009 10:46	17.47	49.30	32.29	7.57	8.07	6.2	2.63	96.0
575	9/22/2009 11:01	17.21	49.26	32.26	7.58	8.07	6.3	2.71	95.6
576	9/22/2009 11:16	17.13	49.33	32.31	7.71	8.08	5.8	2.79	97.2
577	9/22/2009 11:31	16.78	49.30	32.28	7.85	8.09	4.9	2.87	98.3
578	9/22/2009 11:46	16.59	49.26	32.25	7.90	8.10	5.0	2.95	98.6
579	9/22/2009 12:01	16.41	49.30	32.28	7.94	8.10	5.4	3.04	98.6
580	9/22/2009 12:16	15.88	49.20	32.19	7.97	8.10	5.4	3.13	97.9
581	9/22/2009 12:31	15.58	49.39	32.33	7.99	8.05	6.1	3.21	97.7
582	9/22/2009 12:46	15.12	49.34	32.28	8.05	8.10	7.5	3.30	97.6
583	9/22/2009 13:01	14.55	49.44	32.34	8.11	8.03	7.2	3.39	97.1
584	9/22/2009 13:16	14.18	49.34	32.26	8.17	8.10	5.7	3.48	97.1
585	9/22/2009 13:31	13.86	49.41	32.30	8.24	8.03	5.2	3.55	97.4
586	9/22/2009 13:46	13.53	49.17	32.11	8.32	8.10	4.3	3.63	97.5
587	9/22/2009 14:01	13.35	49.35	32.24	8.39	8.10	3.4	3.70	98.1
588	9/22/2009 14:16	13.22	49.21	32.14	8.48	8.11	2.9	3.75	98.7
589	9/22/2009 14:31	13.23	49.28	32.18	8.48	8.11	2.4	3.78	98.8
590	9/22/2009 14:46	13.24	49.21	32.14	8.42	8.11	2.3	3.80	98.1
591	9/22/2009 15:01	13.54	49.37	32.26	8.40	8.11	2.6	3.81	98.5
592	9/22/2009 15:16	13.38	49.35	32.24	8.38	8.11	2.4	3.81	98.0
593	9/22/2009 15:31	13.32	49.32	32.22	8.38	8.11	3.1	3.77	97.9
594	9/22/2009 15:46	13.33	49.43	32.30	8.42	8.11	3.2	3.70	98.4
595	9/22/2009 16:01	14.52	49.35	32.27	8.67	8.08	4.6	3.63	103.8
596	9/22/2009 16:16	14.63	49.11	32.10	8.82	8.15	4.5	3.54	105.7
597	9/22/2009 16:31	15.37	49.36	32.30	9.01	8.17	4.6	3.43	109.8
598	9/22/2009 16:46	16.10	49.32	32.29	8.99	8.18	6.8	3.32	111.0
599	9/22/2009 17:01	16.24	49.34	32.30	8.93	8.17	29.1	3.21	110.7
600	9/22/2009 17:16	16.38	49.27	32.26	8.91	8.17	70.3	3.10	110.7
601	9/22/2009 17:31	16.72	49.31	32.29	8.97	8.18	12.8	2.98	112.1
602	9/22/2009 17:46	16.87	49.25	32.25	8.93	8.16	10.6	2.85	112.0
603	9/22/2009 18:01	17.25	49.31	32.29	9.18	8.19	6.6	2.74	116.0
604	9/22/2009 18:16	17.53	49.27	32.27	9.20	8.19	7.8	2.62	116.8
605	9/22/2009 18:31	17.85	49.35	32.33	9.71	8.24	7.2	2.48	124.1
606	9/22/2009 18:46	17.58	49.31	32.30	9.64	8.22	7.0	2.37	122.6
607	9/22/2009 19:01	17.41	49.33	32.31	9.34	8.19	6.7	2.23	118.4
608	9/22/2009 19:16	17.42	49.28	32.27	9.20	8.19	8.1	2.10	116.5
609	9/22/2009 19:31	17.63	49.36	32.33	9.08	8.19	8.6	1.99	115.6
610	9/22/2009 19:46	17.75	49.40	32.36	9.00	8.18	8.0	1.86	114.8
611	9/22/2009 20:01	17.96	49.32	32.31	8.96	8.18	12.5	1.74	114.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
612	9/22/2009 20:16	18.06	49.37	32.35	8.88	8.18	7.7	1.63	114.0
613	9/22/2009 20:31	18.23	49.12	32.16	8.83	8.18	7.1	1.54	113.5
614	9/22/2009 20:46	18.74	49.51	32.45	9.02	8.20	7.5	1.46	117.3
615	9/22/2009 21:01	18.80	49.50	32.44	8.95	8.20	9.2	1.40	116.5
616	9/22/2009 21:16	19.08	49.43	32.39	9.09	8.21	7.1	1.38	119.0
617	9/22/2009 21:31	19.21	49.33	32.32	9.15	8.22	6.5	1.36	120.0
618	9/22/2009 21:46	19.07	49.40	32.37	8.98	8.21	6.0	1.38	117.5
619	9/22/2009 22:01	19.18	49.44	32.40	9.23	8.22	6.2	1.41	121.1
620	9/22/2009 22:16	19.09	49.58	32.50	9.19	8.21	6.1	1.48	120.4
621	9/22/2009 22:31	19.15	49.28	32.28	9.33	8.22	6.4	1.56	122.2
622	9/22/2009 22:46	19.11	49.15	32.19	9.32	8.22	7.4	1.64	121.9
623	9/22/2009 23:01	19.23	49.17	32.20	8.75	8.17	7.5	1.73	114.7
624	9/22/2009 23:16	19.23	49.25	32.26	8.59	8.16	8.5	1.81	112.7
625	9/22/2009 23:31	19.06	49.39	32.36	8.78	8.17	7.8	1.90	114.8
626	9/22/2009 23:46	18.91	49.41	32.37	8.82	8.17	7.1	1.98	115.1
627	9/23/2009 0:01	18.83	49.37	32.35	8.82	8.17	6.8	2.06	114.9
628	9/23/2009 0:16	18.75	49.47	32.42	8.84	8.17	6.5	2.15	115.0
629	9/23/2009 0:31	18.57	49.46	32.42	8.84	8.17	5.8	2.22	114.6
630	9/23/2009 0:46	18.40	49.14	32.18	8.75	8.15	5.5	2.31	113.0
631	9/23/2009 1:01	18.29	49.32	32.31	8.62	8.14	5.6	2.39	111.1
632	9/23/2009 1:16	18.23	49.35	32.33	8.51	8.13	6.8	2.48	109.6
633	9/23/2009 1:31	18.07	49.17	32.20	8.49	8.13	5.7	2.56	108.8
634	9/23/2009 1:46	17.91	49.35	32.33	8.49	8.13	6.5	2.63	108.7
635	9/23/2009 2:01	17.66	48.99	32.06	8.50	8.12	5.6	2.71	108.1
636	9/23/2009 2:16	17.50	49.32	32.31	8.44	8.12	6.4	2.78	107.1
637	9/23/2009 2:31	17.32	49.09	32.14	8.39	8.13	5.9	2.84	106.0
638	9/23/2009 2:46	16.93	49.35	32.32	8.42	8.12	6.1	2.91	105.8
639	9/23/2009 3:01	16.66	49.20	32.21	8.43	8.12	5.2	2.98	105.2
640	9/23/2009 3:16	16.44	49.10	32.13	8.41	8.04	4.9	3.03	104.5
641	9/23/2009 3:31	16.13	49.15	32.16	8.41	8.12	4.5	3.07	103.9
642	9/23/2009 3:46	15.77	49.35	32.31	8.46	8.12	4.1	3.12	103.9
643	9/23/2009 4:01	15.62	49.35	32.30	8.48	8.12	4.2	3.15	103.7
644	9/23/2009 4:16	15.58	49.19	32.18	8.41	8.12	3.8	3.18	102.8
645	9/23/2009 4:31	15.92	49.22	32.21	8.36	8.12	3.2	3.18	102.9
646	9/23/2009 4:46	15.54	49.31	32.27	8.33	8.12	3.2	3.17	101.7
647	9/23/2009 5:01	15.51	49.28	32.25	8.39	8.12	6.7	3.15	102.4
648	9/23/2009 5:16	15.70	49.27	32.25	8.28	8.12	4.0	3.10	101.5
649	9/23/2009 5:31	16.25	49.18	32.19	8.12	8.11	6.3	3.03	100.6
650	9/23/2009 5:46	16.59	49.32	32.29	8.01	8.11	4.8	2.96	100.0
651	9/23/2009 6:01	16.75	49.28	32.27	7.92	8.10	5.9	2.90	99.0
652	9/23/2009 6:16	16.92	49.33	32.31	7.81	8.10	7.3	2.82	98.0
653	9/23/2009 6:31	16.98	49.36	32.33	7.79	8.10	4.7	2.75	97.9
654	9/23/2009 6:46	17.07	49.21	32.22	7.66	8.09	4.8	2.68	96.4
655	9/23/2009 7:01	17.12	49.26	32.26	7.55	8.08	4.9	2.62	95.2
656	9/23/2009 7:16	17.40	49.33	32.31	7.39	8.06	4.8	2.56	93.6
657	9/23/2009 7:31	17.47	49.23	32.24	7.35	8.06	4.9	2.51	93.3
658	9/23/2009 7:46	17.48	49.45	32.40	7.33	8.06	5.1	2.46	93.1
659	9/23/2009 8:01	17.54	49.29	32.28	7.54	8.08	4.9	2.40	95.8
660	9/23/2009 8:16	17.61	49.45	32.40	7.52	8.08	4.7	2.36	95.7
661	9/23/2009 8:31	17.74	49.48	32.42	7.62	8.09	4.3	2.34	97.3
662	9/23/2009 8:46	17.87	49.43	32.39	7.59	8.09	4.2	2.31	97.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
663	9/23/2009 9:01	18.09	49.41	32.37	7.70	8.11	4.2	2.29	98.9
664	9/23/2009 9:16	18.20	49.51	32.45	7.71	8.11	4.0	2.29	99.3
665	9/23/2009 9:31	18.17	49.37	32.34	7.71	8.11	4.3	2.32	99.1
666	9/23/2009 9:46	18.14	49.26	32.26	7.78	8.11	4.2	2.34	100.0
667	9/23/2009 10:01	18.04	49.32	32.31	7.79	8.10	4.3	2.37	100.0
668	9/23/2009 10:16	18.02	49.28	32.28	7.87	8.11	4.2	2.42	100.8
669	9/23/2009 10:31	17.95	49.10	32.15	7.83	8.10	4.8	2.48	100.2
670	9/23/2009 10:46	17.83	49.38	32.35	7.77	8.09	4.4	2.54	99.2
671	9/23/2009 11:01	17.78	49.34	32.32	7.81	8.09	4.8	2.59	99.7
672	9/23/2009 11:16	17.68	49.28	32.28	7.82	8.09	4.6	2.66	99.6
673	9/23/2009 11:31	17.53	49.02	32.09	7.83	8.09	4.3	2.73	99.3
674	9/23/2009 11:46	17.33	49.14	32.17	7.85	8.03	4.6	2.81	99.3
675	9/23/2009 12:01	16.97	49.22	32.22	8.01	8.11	4.8	2.87	100.6
676	9/23/2009 12:16	16.67	49.31	32.28	8.17	8.12	3.8	2.95	102.1
677	9/23/2009 12:31	16.45	49.27	32.26	8.25	8.12	4.3	3.01	102.6
678	9/23/2009 12:46	16.27	49.35	32.32	8.35	8.12	4.2	3.09	103.5
679	9/23/2009 13:01	15.92	49.41	32.35	8.46	8.07	4.1	3.17	104.2
680	9/23/2009 13:16	15.61	49.37	32.32	8.55	8.13	4.5	3.25	104.6
681	9/23/2009 13:31	15.35	49.36	32.30	8.67	8.14	4.5	3.32	105.6
682	9/23/2009 13:46	15.13	49.41	32.33	8.79	8.08	4.5	3.40	106.6
683	9/23/2009 14:01	14.86	49.24	32.20	8.96	8.15	4.2	3.45	108.0
684	9/23/2009 14:16	14.62	49.30	32.24	9.21	8.17	9.3	3.52	110.5
685	9/23/2009 14:31	14.42	49.28	32.22	9.44	8.18	18.6	3.58	112.7
686	9/23/2009 14:46	14.28	49.33	32.25	9.57	8.19	24.6	3.62	114.0
687	9/23/2009 15:01	14.23	49.19	32.15	9.63	8.20	12.4	3.66	114.6
688	9/23/2009 15:16	14.18	49.29	32.22	9.57	8.20	9.9	3.68	113.7
689	9/23/2009 15:31	14.54	49.32	32.26	9.43	8.13	5.7	3.69	112.9
690	9/23/2009 15:46	14.32	49.38	32.29	9.41	8.19	22.9	3.69	112.2
691	9/23/2009 16:01	14.24	48.98	32.00	9.52	8.19	4.3	3.66	113.2
692	9/23/2009 16:16	14.25	49.31	32.24	9.48	8.19	2.6	3.61	112.9
693	9/23/2009 16:31	14.79	49.31	32.25	9.38	8.19	9.1	3.55	112.9
694	9/23/2009 16:46	15.26	49.18	32.17	9.41	8.20	3.5	3.48	114.3
695	9/23/2009 17:01	15.47	49.30	32.26	9.32	8.19	6.0	3.39	113.7
696	9/23/2009 17:16	15.77	49.38	32.33	9.17	8.13	20.9	3.30	112.5
697	9/23/2009 17:31	16.13	49.38	32.33	9.17	8.19	21.5	3.20	113.4
698	9/23/2009 17:46	16.38	49.10	32.13	9.18	8.19	34.1	3.10	113.9
699	9/23/2009 18:01	16.63	49.32	32.30	9.16	8.19	42.5	3.00	114.4
700	9/23/2009 18:16	16.97	49.29	32.28	9.00	8.18	33.2	2.89	113.0
701	9/23/2009 18:31	17.20	49.28	32.27	8.99	8.19	6.2	2.79	113.4
702	9/23/2009 18:46	17.39	49.43	32.39	8.98	8.17	6.4	2.68	113.8
703	9/23/2009 19:01	17.58	49.22	32.23	9.13	8.18	6.3	2.56	116.0
704	9/23/2009 19:16	17.59	49.40	32.36	9.17	8.18	5.9	2.46	116.7
705	9/23/2009 19:31	17.36	49.39	32.35	9.21	8.18	5.4	2.35	116.6
706	9/23/2009 19:46	17.09	49.21	32.22	9.02	8.17	6.0	2.23	113.6
707	9/23/2009 20:01	17.19	49.39	32.35	8.86	8.16	8.1	2.11	111.8
708	9/23/2009 20:16	17.36	49.48	32.42	8.69	8.16	8.2	2.00	110.1
709	9/23/2009 20:31	17.45	49.36	32.33	8.59	8.15	7.5	1.90	109.0
710	9/23/2009 20:46	17.43	49.46	32.40	8.50	8.17	7.0	1.78	107.8
711	9/23/2009 21:01	17.68	49.42	32.38	8.40	8.15	6.9	1.69	107.0
712	9/23/2009 21:16	17.77	49.49	32.43	8.36	8.15	6.6	1.61	106.7
713	9/23/2009 21:31	17.83	49.40	32.36	8.26	8.14	7.1	1.54	105.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
714	9/23/2009 21:46	18.05	49.22	32.24	8.25	8.15	6.2	1.49	105.8
715	9/23/2009 22:01	18.39	49.38	32.35	8.39	8.16	6.9	1.46	108.4
716	9/23/2009 22:16	18.39	49.33	32.32	8.39	8.16	7.8	1.46	108.4
717	9/23/2009 22:31	18.26	49.46	32.41	8.23	8.15	7.0	1.47	106.0
718	9/23/2009 22:46	18.42	49.49	32.43	8.35	8.16	7.4	1.48	108.0
719	9/23/2009 23:01	18.47	49.42	32.38	8.48	8.17	5.6	1.54	109.7
720	9/23/2009 23:16	18.46	49.31	32.31	8.53	8.17	5.7	1.60	110.2
721	9/23/2009 23:31	18.47	49.45	32.40	8.57	8.17	8.3	1.66	111.0
722	9/23/2009 23:46	18.43	49.52	32.45	8.54	8.17	6.0	1.72	110.5
723	9/24/2009 0:01	18.40	49.49	32.43	8.38	8.15	6.2	1.80	108.4
724	9/24/2009 0:16	18.39	49.54	32.47	8.19	8.13	6.9	1.87	105.9
725	9/24/2009 0:31	18.38	49.43	32.39	8.13	8.13	7.6	1.93	105.0
726	9/24/2009 0:46	18.29	49.51	32.45	8.25	8.13	6.8	2.01	106.4
727	9/24/2009 1:01	18.19	49.29	32.29	8.27	8.13	6.7	2.07	106.4
728	9/24/2009 1:16	18.10	49.45	32.41	8.27	8.13	6.4	2.15	106.2
729	9/24/2009 1:31	18.07	49.53	32.46	8.31	8.13	6.2	2.21	106.8
730	9/24/2009 1:46	17.97	49.45	32.40	8.41	8.14	5.3	2.29	107.8
731	9/24/2009 2:01	17.89	49.19	32.21	8.38	8.13	5.1	2.37	107.1
732	9/24/2009 2:16	17.82	49.38	32.35	8.34	8.13	5.2	2.44	106.5
733	9/24/2009 2:31	17.70	49.34	32.32	8.31	8.12	5.2	2.51	106.0
734	9/24/2009 2:46	17.58	49.38	32.35	8.34	8.14	4.8	2.58	106.1
735	9/24/2009 3:01	17.39	49.38	32.35	8.41	8.14	4.5	2.65	106.5
736	9/24/2009 3:16	17.27	49.34	32.32	8.42	8.14	4.4	2.70	106.4
737	9/24/2009 3:31	17.17	49.43	32.38	8.42	8.09	4.2	2.75	106.2
738	9/24/2009 3:46	17.05	49.31	32.29	8.42	8.14	4.2	2.82	106.0
739	9/24/2009 4:01	16.91	49.34	32.31	8.44	8.14	4.6	2.86	106.0
740	9/24/2009 4:16	16.70	49.28	32.27	8.48	8.14	3.8	2.91	106.0
741	9/24/2009 4:31	16.52	49.27	32.26	8.52	8.14	3.8	2.94	106.1
742	9/24/2009 4:46	16.39	49.34	32.30	8.55	8.14	3.5	2.98	106.2
743	9/24/2009 5:01	16.29	49.28	32.26	8.56	8.15	3.1	3.01	106.1
744	9/24/2009 5:16	16.26	49.28	32.26	8.42	8.14	2.9	3.02	104.3
745	9/24/2009 5:31	16.36	49.22	32.22	8.37	8.14	3.2	3.02	103.8
746	9/24/2009 5:46	16.10	49.31	32.28	8.39	8.14	3.1	3.01	103.7
747	9/24/2009 6:01	16.16	49.38	32.33	8.42	8.14	3.1	2.99	104.2
748	9/24/2009 6:16	16.29	49.06	32.10	8.37	8.14	11.8	2.95	103.7
749	9/24/2009 6:31	16.74	49.28	32.27	6.83	7.92	6.8	2.91	85.4
750	9/24/2009 6:46	16.83	49.33	32.30	7.39	8.08	5.2	2.85	92.7
751	9/24/2009 7:01	16.94	49.37	32.34	7.55	8.09	5.6	2.80	94.8
752	9/24/2009 7:16	16.99	49.21	32.22	7.65	8.10	5.6	2.74	96.2
753	9/24/2009 7:31	17.00	49.45	32.39	7.47	8.09	6.2	2.68	94.0
754	9/24/2009 7:46	17.00	49.54	32.46	7.53	8.04	5.5	2.64	94.8
755	9/24/2009 8:01	17.09	49.43	32.38	7.53	8.09	4.9	2.59	94.9
756	9/24/2009 8:16	17.19	49.40	32.36	7.53	8.09	4.7	2.54	95.0
757	9/24/2009 8:31	17.29	49.38	32.34	7.45	8.09	4.8	2.50	94.2
758	9/24/2009 8:46	17.41	49.07	32.12	7.39	8.00	4.5	2.48	93.6
759	9/24/2009 9:01	17.45	49.51	32.45	7.44	8.07	4.3	2.45	94.4
760	9/24/2009 9:16	17.50	49.39	32.36	7.43	8.09	4.3	2.43	94.3
761	9/24/2009 9:31	17.58	49.47	32.41	7.52	8.09	4.0	2.42	95.7
762	9/24/2009 9:46	17.63	49.53	32.46	7.51	8.10	3.9	2.41	95.7
763	9/24/2009 10:01	17.61	49.51	32.45	7.30	8.10	3.9	2.41	93.0
764	9/24/2009 10:16	17.63	49.43	32.39	7.58	8.09	4.0	2.43	96.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
765	9/24/2009 10:31	17.61	49.49	32.43	7.62	8.10	4.0	2.44	97.0
766	9/24/2009 10:46	17.54	49.26	32.26	7.61	8.10	3.8	2.47	96.7
767	9/24/2009 11:01	17.55	49.45	32.40	7.67	8.11	4.5	2.51	97.5
768	9/24/2009 11:16	17.46	49.44	32.39	7.69	8.11	4.8	2.55	97.7
769	9/24/2009 11:31	17.39	49.43	32.39	7.73	8.11	4.8	2.59	98.0
770	9/24/2009 11:46	17.25	49.42	32.37	7.74	8.11	4.0	2.64	97.8
771	9/24/2009 12:01	17.24	49.41	32.37	7.86	8.11	4.2	2.70	99.3
772	9/24/2009 12:16	17.15	49.29	32.28	7.90	8.11	3.8	2.76	99.5
773	9/24/2009 12:31	17.02	49.32	32.30	7.90	8.11	3.7	2.81	99.4
774	9/24/2009 12:46	16.59	49.31	32.29	8.09	8.12	3.5	2.88	100.9
775	9/24/2009 13:01	16.40	49.38	32.34	8.27	8.13	3.9	2.94	102.8
776	9/24/2009 13:16	16.07	49.25	32.23	8.49	8.14	3.4	2.99	104.8
777	9/24/2009 13:31	15.81	49.25	32.24	8.60	8.14	3.3	3.06	105.6
778	9/24/2009 13:46	15.70	49.13	32.14	8.68	8.15	3.7	3.12	106.3
779	9/24/2009 14:01	15.40	49.36	32.30	8.74	8.15	2.9	3.19	106.5
780	9/24/2009 14:16	15.15	49.35	32.29	8.75	8.15	3.1	3.25	106.1
781	9/24/2009 14:31	14.96	49.22	32.20	8.77	8.15	2.8	3.30	105.9
782	9/24/2009 14:46	14.82	49.34	32.28	8.77	8.15	2.9	3.36	105.7
783	9/24/2009 15:01	14.57	49.31	32.25	8.82	8.15	3.1	3.40	105.7
784	9/24/2009 15:16	14.38	49.42	32.32	8.84	8.15	3.8	3.44	105.5
785	9/24/2009 15:31	14.28	49.22	32.18	8.86	8.15	2.5	3.48	105.5
786	9/24/2009 15:46	14.21	49.32	32.25	8.80	8.15	2.2	3.50	104.7
787	9/24/2009 16:01	14.18	49.35	32.27	8.72	8.14	1.6	3.52	103.6
788	9/24/2009 16:16	14.23	49.37	32.28	8.61	8.14	2.6	3.51	102.5
789	9/24/2009 16:31	14.24	49.35	32.27	8.60	8.14	2.4	3.51	102.4
790	9/24/2009 16:46	14.27	49.33	32.25	8.71	8.14	7.7	3.48	103.8
791	9/24/2009 17:01	14.33	49.34	32.26	8.66	8.14	2.3	3.44	103.2
792	9/24/2009 17:16	14.91	49.18	32.16	8.77	8.16	2.9	3.39	105.8
793	9/24/2009 17:31	15.34	49.40	32.33	8.92	8.18	3.0	3.33	108.6
794	9/24/2009 17:46	15.58	49.18	32.17	9.01	8.18	3.5	3.26	110.1
795	9/24/2009 18:01	15.78	49.31	32.27	9.03	8.18	4.5	3.17	110.9
796	9/24/2009 18:16	15.91	49.33	32.29	8.94	8.18	4.5	3.10	110.1
797	9/24/2009 18:31	16.20	49.34	32.31	9.07	8.19	4.0	3.01	112.3
798	9/24/2009 18:46	16.28	49.31	32.28	9.27	8.21	5.1	2.92	114.9
799	9/24/2009 19:01	16.31	49.32	32.29	9.27	8.21	3.6	2.84	115.0
800	9/24/2009 19:16	16.65	49.46	32.40	9.34	8.22	4.2	2.75	116.8
801	9/24/2009 19:31	16.67	49.38	32.34	9.38	8.16	4.2	2.67	117.2
802	9/24/2009 19:46	16.42	49.37	32.33	9.15	8.20	4.3	2.56	113.7
803	9/24/2009 20:01	16.60	49.21	32.22	8.99	8.19	4.5	2.47	112.1
804	9/24/2009 20:16	16.75	49.30	32.29	8.84	8.18	4.9	2.38	110.6
805	9/24/2009 20:31	16.87	49.48	32.42	8.53	8.17	5.9	2.27	107.0
806	9/24/2009 20:46	16.80	49.27	32.26	8.40	8.16	5.9	2.17	105.1
807	9/24/2009 21:01	16.86	49.29	32.28	8.30	8.15	5.7	2.07	104.1
808	9/24/2009 21:16	16.94	49.17	32.19	8.21	8.15	5.6	1.98	103.0
809	9/24/2009 21:31	17.06	49.09	32.13	8.11	8.14	5.4	1.88	102.0
810	9/24/2009 21:46	17.18	49.28	32.27	8.03	8.14	5.5	1.79	101.3
811	9/24/2009 22:01	17.36	49.51	32.44	7.99	8.14	5.1	1.74	101.2
812	9/24/2009 22:16	17.52	49.40	32.37	7.97	8.15	4.9	1.67	101.3
813	9/24/2009 22:31	17.64	49.51	32.44	7.96	8.15	5.2	1.63	101.4
814	9/24/2009 22:46	17.90	49.53	32.46	8.00	8.13	5.1	1.59	102.4
815	9/24/2009 23:01	17.96	49.57	32.49	7.95	8.13	5.6	1.57	101.9

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
816	9/24/2009 23:16	18.03	49.21	32.23	8.02	8.14	4.5	1.58	102.8
817	9/24/2009 23:31	18.01	49.45	32.40	8.15	8.14	4.4	1.58	104.5
818	9/24/2009 23:46	17.97	49.46	32.41	8.18	8.14	4.5	1.60	104.8
819	9/25/2009 0:01	17.90	49.26	32.26	8.17	8.16	4.6	1.63	104.4
820	9/25/2009 0:16	17.96	49.45	32.40	8.24	8.14	5.0	1.67	105.6
821	9/25/2009 0:31	17.91	49.25	32.26	8.23	8.16	5.5	1.73	105.3
822	9/25/2009 0:46	17.88	49.60	32.51	8.19	8.11	5.3	1.78	104.8
823	9/25/2009 1:01	17.84	49.28	32.28	8.16	8.15	5.9	1.84	104.2
824	9/25/2009 1:16	17.89	49.46	32.41	7.94	8.08	6.4	1.90	101.6
825	9/25/2009 1:31	17.90	49.34	32.32	7.82	8.12	7.3	1.96	100.0
826	9/25/2009 1:46	17.85	49.37	32.34	7.93	8.13	6.7	2.01	101.4
827	9/25/2009 2:01	17.80	49.39	32.36	7.97	8.13	6.3	2.08	101.8
828	9/25/2009 2:16	17.75	49.30	32.29	8.01	8.14	6.0	2.14	102.2
829	9/25/2009 2:31	17.71	49.47	32.42	8.02	8.14	6.3	2.20	102.3
830	9/25/2009 2:46	17.64	49.54	32.46	8.06	8.14	5.6	2.27	102.7
831	9/25/2009 3:01	17.52	49.47	32.41	8.11	8.08	5.5	2.33	103.1
832	9/25/2009 3:16	17.45	49.36	32.33	8.08	8.14	5.1	2.40	102.5
833	9/25/2009 3:31	17.31	49.44	32.39	8.10	8.14	4.6	2.46	102.6
834	9/25/2009 3:46	17.21	49.33	32.31	8.12	8.13	4.1	2.52	102.5
835	9/25/2009 4:01	17.10	49.35	32.32	8.15	8.14	3.8	2.58	102.7
836	9/25/2009 4:16	16.99	49.27	32.26	8.18	8.14	3.7	2.62	102.8
837	9/25/2009 4:31	16.88	49.29	32.28	8.23	8.14	3.7	2.67	103.2
838	9/25/2009 4:46	16.77	49.33	32.31	8.26	8.14	3.4	2.72	103.4
839	9/25/2009 5:01	16.63	49.31	32.29	8.28	8.14	3.2	2.76	103.4
840	9/25/2009 5:16	16.58	49.16	32.17	8.27	8.14	3.2	2.80	103.1
841	9/25/2009 5:31	16.48	49.22	32.22	8.28	8.14	3.2	2.83	103.0
842	9/25/2009 5:46	16.42	49.38	32.33	8.25	8.13	3.3	2.87	102.6
843	9/25/2009 6:01	16.30	49.10	32.13	8.24	8.13	3.1	2.89	102.1
844	9/25/2009 6:16	16.07	49.02	32.07	8.16	8.13	3.5	2.90	100.6
845	9/25/2009 6:31	16.10	49.22	32.21	8.04	8.13	3.7	2.91	99.2
846	9/25/2009 6:46	16.11	49.41	32.35	8.04	8.12	3.1	2.91	99.4
847	9/25/2009 7:01	16.06	49.30	32.27	8.11	8.13	3.2	2.90	100.1
848	9/25/2009 7:16	16.08	49.29	32.26	8.14	8.13	5.6	2.89	100.5
849	9/25/2009 7:31	16.20	49.16	32.17	8.13	8.13	3.4	2.85	100.6
850	9/25/2009 7:46	16.54	49.12	32.15	7.49	8.08	4.2	2.83	93.2
851	9/25/2009 8:01	16.68	49.05	32.10	7.16	8.05	4.4	2.78	89.4
852	9/25/2009 8:16	16.74	49.25	32.25	7.09	8.06	4.5	2.74	88.7
853	9/25/2009 8:31	16.84	49.26	32.26	7.06	8.06	4.5	2.71	88.5
854	9/25/2009 8:46	16.85	49.17	32.19	7.15	8.06	4.4	2.66	89.5
855	9/25/2009 9:01	16.85	49.41	32.36	7.12	8.06	4.3	2.64	89.3
856	9/25/2009 9:16	16.85	49.02	32.08	7.15	8.06	4.4	2.60	89.5
857	9/25/2009 9:31	16.87	49.07	32.11	7.07	8.06	4.2	2.58	88.6
858	9/25/2009 9:46	16.91	49.24	32.24	7.10	8.07	3.7	2.56	89.1
859	9/25/2009 10:01	16.96	49.27	32.26	7.17	8.07	3.7	2.54	90.1
860	9/25/2009 10:16	17.03	49.21	32.22	7.24	8.08	3.7	2.52	91.1
861	9/25/2009 10:31	17.12	49.07	32.12	7.31	8.09	3.3	2.53	92.1
862	9/25/2009 10:46	17.18	49.11	32.15	7.04	8.09	4.4	2.52	88.8
863	9/25/2009 11:01	17.20	49.30	32.28	7.26	8.09	4.1	2.51	91.6
864	9/25/2009 11:16	17.21	49.34	32.31	7.60	8.11	3.4	2.53	95.9
865	9/25/2009 11:31	17.17	49.33	32.31	7.58	8.10	4.3	2.54	95.6
866	9/25/2009 11:46	17.09	49.31	32.29	7.54	8.10	3.8	2.56	95.0

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
867	9/25/2009 12:01	17.06	49.29	32.28	7.61	8.10	5.6	2.59	95.7
868	9/25/2009 12:16	16.99	49.22	32.23	7.66	8.10	5.4	2.62	96.3
869	9/25/2009 12:31	16.96	49.38	32.35	7.71	8.11	4.0	2.66	96.8
870	9/25/2009 12:46	16.84	49.33	32.31	7.63	8.10	3.7	2.70	95.6
871	9/25/2009 13:01	16.95	49.50	32.43	7.84	8.05	3.5	2.73	98.5
872	9/25/2009 13:16	16.82	49.31	32.29	7.92	8.12	3.5	2.78	99.2
873	9/25/2009 13:31	16.80	49.40	32.35	7.96	8.12	3.4	2.84	99.7
874	9/25/2009 13:46	16.59	49.26	32.25	8.04	8.12	3.0	2.88	100.2
875	9/25/2009 14:01	16.30	49.20	32.20	8.09	8.12	3.1	2.92	100.3
876	9/25/2009 14:16	15.93	49.14	32.16	8.23	8.12	3.1	2.99	101.2
877	9/25/2009 14:31	15.67	49.23	32.22	8.37	8.13	3.1	3.02	102.5
878	9/25/2009 14:46	15.55	49.23	32.21	8.52	8.13	2.8	3.07	104.1
879	9/25/2009 15:01	15.29	49.31	32.26	8.57	8.13	2.6	3.12	104.2
880	9/25/2009 15:16	15.10	49.17	32.16	8.57	8.13	2.9	3.17	103.7
881	9/25/2009 15:31	15.09	49.24	32.21	8.66	8.14	2.6	3.22	104.8
882	9/25/2009 15:46	14.99	49.31	32.26	8.65	8.14	2.5	3.26	104.5
883	9/25/2009 16:01	14.82	49.30	32.25	8.62	8.13	2.4	3.31	103.8
884	9/25/2009 16:16	14.77	49.27	32.22	8.60	8.13	2.2	3.33	103.5
885	9/25/2009 16:31	14.72	49.26	32.21	8.61	8.13	2.0	3.36	103.5
886	9/25/2009 16:46	14.69	49.34	32.27	8.58	8.14	2.1	3.37	103.1
887	9/25/2009 17:01	14.62	49.20	32.17	8.24	8.13	2.3	3.38	98.8
888	9/25/2009 17:16	14.61	49.34	32.27	8.37	8.12	2.6	3.38	100.3
889	9/25/2009 17:31	14.61	49.14	32.12	8.39	8.12	2.1	3.36	100.5
890	9/25/2009 17:46	14.70	49.30	32.24	8.44	8.13	2.0	3.34	101.4
891	9/25/2009 18:01	14.82	49.26	32.22	8.38	8.13	2.4	3.30	100.9
892	9/25/2009 18:16	15.02	49.26	32.22	8.48	8.14	14.8	3.25	102.6
893	9/25/2009 18:31	15.25	49.03	32.06	8.62	8.15	3.8	3.19	104.6
894	9/25/2009 18:46	15.64	49.34	32.29	8.72	8.16	3.2	3.14	106.8
895	9/25/2009 19:01	15.87	49.33	32.29	8.85	8.17	3.6	3.06	108.8
896	9/25/2009 19:16	16.08	49.28	32.26	8.89	8.18	3.9	2.99	109.8
897	9/25/2009 19:31	16.48	49.08	32.12	9.17	8.20	4.7	2.93	114.0
898	9/25/2009 19:46	16.66	49.33	32.30	9.35	8.21	4.0	2.86	116.8
899	9/25/2009 20:01	16.64	49.13	32.15	9.26	8.20	3.7	2.78	115.5
900	9/25/2009 20:16	16.80	49.27	32.26	9.11	8.20	4.7	2.70	114.1
901	9/25/2009 20:31	16.86	49.41	32.36	9.19	8.21	4.2	2.62	115.3
902	9/25/2009 20:46	16.77	49.37	32.34	9.06	8.20	5.6	2.55	113.5
903	9/25/2009 21:01	17.03	49.44	32.39	9.05	8.20	4.4	2.45	113.9
904	9/25/2009 21:16	16.94	49.40	32.36	8.97	8.19	4.8	2.37	112.7
905	9/25/2009 21:31	17.12	49.38	32.34	8.86	8.19	5.4	2.28	111.6
906	9/25/2009 21:46	17.22	49.33	32.31	8.81	8.19	5.4	2.20	111.3
907	9/25/2009 22:01	17.09	49.38	32.35	8.72	8.18	5.4	2.12	109.8
908	9/25/2009 22:16	17.30	49.34	32.32	8.70	8.18	5.6	2.02	110.1
909	9/25/2009 22:31	17.28	49.51	32.44	8.59	8.18	9.6	1.93	108.7
910	9/25/2009 22:46	17.46	49.51	32.44	8.56	8.18	5.2	1.88	108.6
911	9/25/2009 23:01	17.58	49.51	32.44	8.58	8.18	4.9	1.81	109.2
912	9/25/2009 23:16	17.55	49.45	32.40	8.48	8.17	4.7	1.75	107.8
913	9/25/2009 23:31	17.90	49.52	32.45	8.79	8.20	4.8	1.71	112.5
914	9/25/2009 23:46	17.90	49.56	32.48	8.68	8.20	4.8	1.69	111.1
915	9/26/2009 0:01	18.03	49.39	32.36	8.73	8.20	6.2	1.67	112.0
916	9/26/2009 0:16	18.06	49.59	32.51	8.64	8.21	4.1	1.65	110.9
917	9/26/2009 0:31	18.07	49.31	32.30	8.56	8.20	4.6	1.65	109.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
918	9/26/2009 0:46	18.00	49.53	32.46	8.79	8.20	3.8	1.67	112.8
919	9/26/2009 1:01	17.99	49.45	32.40	8.89	8.20	4.0	1.69	114.0
920	9/26/2009 1:16	17.99	49.40	32.37	8.91	8.20	4.6	1.71	114.2
921	9/26/2009 1:31	17.97	49.56	32.48	8.91	8.20		1.75	114.2
922	9/26/2009 1:46	17.99	49.51	32.44	9.00	8.21	4.8	1.81	115.4
923	9/26/2009 2:01	17.96	49.56	32.49	8.98	8.20	5.2	1.86	115.2
924	9/26/2009 2:16	17.93	49.54	32.47	8.93	8.20	5.7	1.88	114.4
925	9/26/2009 2:31	18.05	49.41	32.37	8.49	8.16	6.2	1.94	109.0
926	9/26/2009 2:46	18.02	49.48	32.42	8.45	8.16	6.8	2.01	108.5
927	9/26/2009 3:01	17.97	49.45	32.41	8.49	8.16	7.4	2.06	108.8
928	9/26/2009 3:16	17.92	49.44	32.39	8.61	8.17	6.8	2.13	110.3
929	9/26/2009 3:31	17.86	49.42	32.38	8.62	8.17	5.8	2.19	110.3
930	9/26/2009 3:46	17.80	49.40	32.37	8.64	8.17	6.1	2.25	110.3
931	9/26/2009 4:01	17.70	49.54	32.47	8.61	8.17	5.4	2.30	109.8
932	9/26/2009 4:16	17.62	49.51	32.45	8.59	8.17	8.2	2.36	109.4
933	9/26/2009 4:31	17.45	49.29	32.28	8.51	8.16	5.9	2.42	107.9
934	9/26/2009 4:46	17.31	49.55	32.47	8.39	8.15	4.0	2.48	106.2
935	9/26/2009 5:01	17.21	49.35	32.33	8.31	8.14	4.5	2.54	104.9
936	9/26/2009 5:16	17.09	49.32	32.30	8.27	8.14	4.0	2.59	104.2
937	9/26/2009 5:31	17.06	49.33	32.31	8.24	8.14	3.5	2.63	103.7
938	9/26/2009 5:46	16.96	49.27	32.26	8.26	8.13	3.7	2.68	103.8
939	9/26/2009 6:01	16.87	49.38	32.35	8.29	8.14	3.2	2.72	104.0
940	9/26/2009 6:16	16.71	49.37	32.33	8.30	8.14	3.2	2.77	103.9
941	9/26/2009 6:31	16.57	49.51	32.43	8.29	8.14	2.9	2.81	103.5
942	9/26/2009 6:46	16.44	49.42	32.36	8.28	8.07	3.1	2.84	103.1
943	9/26/2009 7:01	16.37	49.37	32.33	8.30	8.13	3.4	2.87	103.2
944	9/26/2009 7:16	16.25	49.36	32.32	8.27	8.13	2.9	2.89	102.5
945	9/26/2009 7:31	16.09	49.18	32.19	8.21	8.13	2.6	2.90	101.3
946	9/26/2009 7:46	16.12	49.26	32.25	8.06	8.13	3.7	2.91	99.6
947	9/26/2009 8:01	16.20	49.38	32.33	7.92	8.12	3.1	2.92	98.1
948	9/26/2009 8:16	16.10	49.45	32.38	8.07	8.12	3.2	2.92	99.8
949	9/26/2009 8:31	16.12	49.33	32.29	8.06	8.12	4.0	2.89	99.6
950	9/26/2009 8:46	16.21	49.48	32.41	8.08	8.12	3.1	2.87	100.1
951	9/26/2009 9:01	16.33	49.36	32.32	8.06	8.12	3.2	2.85	100.0
952	9/26/2009 9:16	16.53	49.43	32.37	7.98	8.12	3.3	2.81	99.5
953	9/26/2009 9:31	16.72	49.13	32.15	7.89	8.12	3.4	2.76	98.6
954	9/26/2009 9:46	16.83	49.44	32.38	7.71	8.11	4.4	2.73	96.7
955	9/26/2009 10:01	16.87	49.41	32.36	7.69	8.11	3.8	2.71	96.5
956	9/26/2009 10:16	16.90	49.36	32.33	7.71	8.11	3.8	2.67	96.8
957	9/26/2009 10:31	16.91	49.47	32.41	7.69	8.11	3.6	2.65	96.6
958	9/26/2009 10:46	16.97	49.31	32.29	7.76	8.11	3.4	2.63	97.5
959	9/26/2009 11:01	17.00	49.27	32.27	7.75	8.11	3.7	2.60	97.4
960	9/26/2009 11:16	17.08	49.40	32.36	7.77	8.12	3.4	2.58	97.9
961	9/26/2009 11:31	17.19	49.53	32.45	7.89	8.13	4.0	2.59	99.6
962	9/26/2009 11:46	17.25	49.50	32.43	7.85	8.13	3.2	2.58	99.3
963	9/26/2009 12:01	17.29	49.57	32.49	7.92	8.07	3.8	2.58	100.2
964	9/26/2009 12:16	17.22	49.43	32.38	8.00	8.12	3.5	2.58	101.1
965	9/26/2009 12:31	17.23	49.34	32.32	8.09	8.13	3.7	2.60	102.1
966	9/26/2009 12:46	17.17	49.27	32.26	8.08	8.13	3.5	2.61	102.0
967	9/26/2009 13:01	17.06	49.32	32.30	8.07	8.12	4.2	2.62	101.6
968	9/26/2009 13:16	17.04	49.41	32.36	8.07	8.13	4.1	2.64	101.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
969	9/26/2009 13:31	17.01	49.49	32.42	8.05	8.13	4.0	2.67	101.3
970	9/26/2009 13:46	16.95	49.48	32.41	8.12	8.13	4.2	2.70	102.1
971	9/26/2009 14:01	16.88	49.34	32.31	8.17	8.13	3.2	2.73	102.5
972	9/26/2009 14:16	16.88	49.30	32.29	8.27	8.13	3.4	2.77	103.8
973	9/26/2009 14:31	16.77	49.39	32.35	8.24	8.13	3.1	2.79	103.1
974	9/26/2009 14:46	16.67	49.45	32.39	8.18	8.13	3.1	2.83	102.3
975	9/26/2009 15:01	16.56	49.43	32.37	8.20	8.13	3.1	2.87	102.3
976	9/26/2009 15:16	16.54	49.41	32.36	8.33	8.13	2.9	2.91	103.8
977	9/26/2009 15:31	16.29	49.12	32.14	8.33	8.13	2.9	2.96	103.2
978	9/26/2009 15:46	16.30	49.35	32.31	8.53	8.14	3.0	3.00	105.8
979	9/26/2009 16:01	16.13	49.32	32.29	8.58	8.14	2.6	3.04	106.1
980	9/26/2009 16:16	15.70	49.28	32.25	8.57	8.13	2.5	3.10	105.0
981	9/26/2009 16:31	15.35	49.31	32.27	8.67	8.14	2.7	3.12	105.5
982	9/26/2009 16:46	15.16	49.17	32.16	8.66	8.13	2.9	3.16	105.0
983	9/26/2009 17:01	15.03	49.28	32.23	8.64	8.13	2.5	3.20	104.5
984	9/26/2009 17:16	15.10	49.38	32.31	8.71	8.14	2.6	3.24	105.6
985	9/26/2009 17:31	14.90	49.26	32.22	8.65	8.13	2.8	3.25	104.3
986	9/26/2009 17:46	15.24	49.26	32.23	8.71	8.15	2.2	3.26	105.8
987	9/26/2009 18:01	15.15	49.38	32.31	8.61	8.13	2.2	3.28	104.4
988	9/26/2009 18:16	15.02	49.25	32.22	8.41	8.13	2.0	3.28	101.7
989	9/26/2009 18:31	15.01	49.12	32.12	8.51	8.13	1.8	3.28	102.8
990	9/26/2009 18:46	15.06	49.45	32.36	8.50	8.13	2.4	3.25	102.9
991	9/26/2009 19:01	15.19	49.11	32.12	8.53	8.13	2.0	3.22	103.3
992	9/26/2009 19:16	15.46	49.23	32.21	8.57	8.14	2.7	3.19	104.5
993	9/26/2009 19:31	15.82	49.24	32.23	8.77	8.16	3.3	3.13	107.7
994	9/26/2009 19:46	16.04	49.35	32.31	8.77	8.16	3.5	3.08	108.2
995	9/26/2009 20:01	16.39	49.45	32.39	8.77	8.17	9.8	3.03	109.0
996	9/26/2009 20:16	16.65	49.47	32.40	8.79	8.18	3.4	2.97	109.8
997	9/26/2009 20:31	16.84	49.35	32.32	8.69	8.18	3.5	2.91	109.0
998	9/26/2009 20:46	16.91	49.36	32.33	8.79	8.18	4.3	2.84	110.4
999	9/26/2009 21:01	16.95	49.21	32.22	8.89	8.19	5.2	2.77	111.6
1000	9/26/2009 21:16	16.97	49.35	32.32	8.95	8.19	5.2	2.70	112.5
1001	9/26/2009 21:31	17.13	49.21	32.22	8.94	8.19	3.9	2.63	112.6
1002	9/26/2009 21:46	17.19	49.33	32.31	8.92	8.19	4.0	2.55	112.6
1003	9/26/2009 22:01	17.15	49.43	32.38	8.89	8.19	4.2	2.48	112.2
1004	9/26/2009 22:16	17.15	49.29	32.28	8.89	8.19	4.2	2.41	112.1
1005	9/26/2009 22:31	17.21	49.33	32.31	8.96	8.19	4.3	2.32	113.1
1006	9/26/2009 22:46	17.40	49.19	32.21	9.10	8.21	4.6	2.24	115.3
1007	9/26/2009 23:01	17.40	49.41	32.37	9.08	8.21	5.1	2.16	115.1
1008	9/26/2009 23:16	17.42	49.51	32.44	9.06	8.21	5.3	2.08	114.9
1009	9/26/2009 23:31	17.56	49.48	32.42	9.07	8.21	4.9	2.01	115.4
1010	9/26/2009 23:46	17.52	49.57	32.49	8.95	8.20	4.8	1.93	113.7
1011	9/27/2009 0:01	17.71	49.47	32.42	9.07	8.22	4.8	1.86	115.7
1012	9/27/2009 0:16	17.86	49.52	32.45	9.26	8.23	5.4	1.82	118.4
1013	9/27/2009 0:31	17.95	49.39	32.36	9.27	8.24	4.6	1.76	118.7
1014	9/27/2009 0:46	18.03	49.53	32.46	9.43	8.25	4.5	1.72	121.0
1015	9/27/2009 1:01	18.09	49.52	32.46	9.42	8.25	4.4	1.69	121.0
1016	9/27/2009 1:16	18.15	49.39	32.36	9.54	8.25	3.9	1.68	122.7
1017	9/27/2009 1:31	18.16	49.34	32.33	9.44	8.25	4.1	1.67	121.4
1018	9/27/2009 1:46	18.12	49.49	32.43	9.15	8.25	4.0	1.67	117.6
1019	9/27/2009 2:01	18.16	49.29	32.29	9.72	8.27	4.3	1.70	124.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1020	9/27/2009 2:16	18.14	49.48	32.43	9.72	8.26	4.5	1.73	125.0
1021	9/27/2009 2:31	18.09	49.48	32.42	9.61	8.26	6.6	1.73	123.4
1022	9/27/2009 2:46	18.06	49.25	32.26	9.55	8.25	5.6	1.81	122.6
1023	9/27/2009 3:01	18.02	49.55	32.48	9.47	8.24	5.6	1.83	121.6
1024	9/27/2009 3:16	18.00	49.42	32.38	9.44	8.24	6.4	1.89	121.1
1025	9/27/2009 3:31	18.03	49.57	32.49	9.21	8.22	5.5	1.94	118.3
1026	9/27/2009 3:46	18.10	49.42	32.38	8.95	8.20	5.7	2.00	115.0
1027	9/27/2009 4:01	18.07	49.28	32.28	8.91	8.20	9.0	2.06	114.3
1028	9/27/2009 4:16	18.00	49.27	32.27	9.01	8.20	7.0	2.12	115.5
1029	9/27/2009 4:31	17.95	49.43	32.38	9.05	8.21	6.0	2.18	115.9
1030	9/27/2009 4:46	17.89	49.42	32.38	9.06	8.21	5.6	2.24	115.9
1031	9/27/2009 5:01	17.75	49.40	32.36	8.97	8.20	5.1	2.29	114.4
1032	9/27/2009 5:16	17.69	49.50	32.44	8.85	8.19	6.4	2.35	112.8
1033	9/27/2009 5:31	17.45	49.47	32.41	8.65	8.17	4.7	2.42	109.8
1034	9/27/2009 5:46	17.32	49.40	32.36	8.55	8.16	5.7	2.47	108.2
1035	9/27/2009 6:01	17.19	49.40	32.36	8.47	8.16	3.7	2.52	106.9
1036	9/27/2009 6:16	17.09	49.42	32.38	8.44	8.15	3.8	2.58	106.3
1037	9/27/2009 6:31	16.96	49.31	32.29	8.44	8.15	3.4	2.64	106.1
1038	9/27/2009 6:46	16.87	49.49	32.42	8.45	8.15	3.3	2.69	106.1
1039	9/27/2009 7:01	16.70	49.35	32.32	8.42	8.15	3.2	2.73	105.3
1040	9/27/2009 7:16	16.54	49.45	32.39	8.41	8.14	3.4	2.78	104.9
1041	9/27/2009 7:31	16.45	49.38	32.33	8.39	8.14	3.6	2.83	104.4
1042	9/27/2009 7:46	16.28	49.38	32.33	8.39	8.14	3.5	2.87	104.1
1043	9/27/2009 8:01	16.20	49.31	32.28	8.36	8.13	3.2	2.89	103.5
1044	9/27/2009 8:16	16.03	49.20	32.20	8.36	8.13	2.9	2.93	103.0
1045	9/27/2009 8:31	15.89	49.23	32.22	8.34	8.13	2.9	2.95	102.6
1046	9/27/2009 8:46	15.76	49.12	32.14	8.26	8.13	2.4	2.96	101.2
1047	9/27/2009 9:01	15.93	49.36	32.31	8.25	8.13	3.0	2.97	101.5
1048	9/27/2009 9:16	15.74	49.51	32.42	8.23	8.06	2.7	2.97	101.1
1049	9/27/2009 9:31	15.83	49.38	32.33	8.24	8.13	3.1	2.95	101.3
1050	9/27/2009 9:46	16.08	49.28	32.26	8.26	8.13	3.1	2.93	101.9
1051	9/27/2009 10:01	16.11	49.28	32.26	8.20	8.13	3.0	2.89	101.3
1052	9/27/2009 10:16	16.42	49.45	32.38	8.32	8.14	3.4	2.86	103.4
1053	9/27/2009 10:31	16.61	49.38	32.34	8.44	8.15	3.5	2.82	105.3
1054	9/27/2009 10:46	16.65	49.23	32.23	8.50	8.16	3.9	2.78	106.1
1055	9/27/2009 11:01	16.71	49.35	32.32	8.54	8.16	3.5	2.74	106.8
1056	9/27/2009 11:16	16.81	49.51	32.44	8.62	8.17	4.2	2.70	108.1
1057	9/27/2009 11:31	16.82	49.42	32.37	8.56	8.16	3.5	2.67	107.3
1058	9/27/2009 11:46	16.88	49.44	32.38	8.58	8.17	3.7	2.64	107.7
1059	9/27/2009 12:01	16.93	49.36	32.33	8.64	8.17	3.8	2.60	108.6
1060	9/27/2009 12:16	17.07	49.48	32.42	8.79	8.12	3.4	2.59	110.8
1061	9/27/2009 12:31	17.18	49.42	32.37	8.80	8.19	3.4	2.56	111.1
1062	9/27/2009 12:46	17.29	49.53	32.46	8.96	8.19	3.1	2.54	113.4
1063	9/27/2009 13:01	17.44	49.46	32.40	9.10	8.20	2.7	2.53	115.4
1064	9/27/2009 13:16	17.51	49.47	32.41	9.01	8.20	2.8	2.52	114.5
1065	9/27/2009 13:31	17.55	49.50	32.44	9.09	8.20	3.4	2.53	115.6
1066	9/27/2009 13:46	17.42	49.56	32.48	8.95	8.19	4.8	2.52	113.5
1067	9/27/2009 14:01	17.27	49.50	32.44	8.79	8.11	4.5	2.53	111.2
1068	9/27/2009 14:16	17.36	49.13	32.16	8.78	8.18	4.4	2.55	111.1
1069	9/27/2009 14:31	17.33	49.36	32.33	8.77	8.17	4.9	2.57	110.9
1070	9/27/2009 14:46	17.26	49.43	32.38	8.72	8.17	4.2	2.60	110.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1071	9/27/2009 15:01	17.22	49.38	32.34	8.71	8.17	4.0	2.62	110.0
1072	9/27/2009 15:16	17.10	49.31	32.29	8.75	8.17	3.4	2.66	110.2
1073	9/27/2009 15:31	17.08	49.33	32.31	8.70	8.17	3.1	2.70	109.6
1074	9/27/2009 15:46	16.99	49.40	32.36	8.67	8.16	3.2	2.73	109.1
1075	9/27/2009 16:01	16.69	49.41	32.36	8.53	8.08	2.9	2.78	106.6
1076	9/27/2009 16:16	16.56	49.25	32.24	8.47	8.14	2.9	2.82	105.5
1077	9/27/2009 16:31	16.19	49.47	32.40	8.42	8.14	3.0	2.86	104.3
1078	9/27/2009 16:46	16.14	49.27	32.25	8.53	8.14	2.9	2.92	105.5
1079	9/27/2009 17:01	15.90	49.43	32.36	8.58	8.14	2.7	2.95	105.6
1080	9/27/2009 17:16	15.54	49.46	32.38	8.63	8.07	2.6	2.99	105.6
1081	9/27/2009 17:31	15.31	49.42	32.34	8.69	8.07	2.5	3.04	105.8
1082	9/27/2009 17:46	15.39	49.38	32.32	8.78	8.14	3.6	3.08	107.0
1083	9/27/2009 18:01	14.98	49.14	32.13	8.68	8.13	2.3	3.12	104.8
1084	9/27/2009 18:16	15.37	49.45	32.37	8.84	8.15	2.0	3.15	107.7
1085	9/27/2009 18:31	15.63	49.22	32.21	8.92	8.16	1.8	3.19	109.2
1086	9/27/2009 18:46	15.67	49.32	32.28	8.97	8.16	1.9	3.22	109.9
1087	9/27/2009 19:01	15.49	49.39	32.33	8.83	8.09	2.2	3.23	107.9
1088	9/27/2009 19:16	15.53	49.25	32.22	8.76	8.15	2.0	3.24	106.9
1089	9/27/2009 19:31	15.16	49.41	32.34	8.44	8.13	1.5	3.25	102.4
1090	9/27/2009 19:46	15.19	49.38	32.31	8.48	8.13	1.9	3.25	102.9
1091	9/27/2009 20:01	15.08	49.44	32.35	8.61	8.13	2.0	3.21	104.3
1092	9/27/2009 20:16	15.21	49.30	32.26	8.62	8.13	2.1	3.18	104.7
1093	9/27/2009 20:31	15.32	49.29	32.25	8.61	8.14	3.4	3.15	104.7
1094	9/27/2009 20:46	15.49	49.33	32.29	8.68	8.15	2.7	3.10	106.0
1095	9/27/2009 21:01	15.91	49.29	32.26	8.81	8.17	3.5	3.04	108.4
1096	9/27/2009 21:16	16.21	49.24	32.23	8.94	8.18	2.9	2.98	110.6
1097	9/27/2009 21:31	16.36	49.30	32.28	8.96	8.18	3.3	2.92	111.2
1098	9/27/2009 21:46	16.58	49.39	32.35	9.03	8.19	3.2	2.86	112.6
1099	9/27/2009 22:01	16.83	49.35	32.32	9.05	8.20	3.3	2.78	113.5
1100	9/27/2009 22:16	16.94	49.41	32.37	9.04	8.20	3.7	2.72	113.6
1101	9/27/2009 22:31	17.00	49.46	32.40	9.02	8.20	6.3	2.64	113.4
1102	9/27/2009 22:46	16.96	49.41	32.37	8.95	8.19	4.0	2.57	112.5
1103	9/27/2009 23:01	17.06	49.32	32.30	8.95	8.20	4.2	2.50	112.7
1104	9/27/2009 23:16	17.08	49.49	32.43	8.97	8.20	4.5	2.41	113.1
1105	9/27/2009 23:31	17.16	49.28	32.27	9.08	8.21	4.2	2.33	114.5
1106	9/27/2009 23:46	17.24	49.34	32.32	9.16	8.22	4.5	2.24	115.7
1107	9/28/2009 0:01	17.21	49.52	32.45	9.13	8.22	4.9	2.18	115.4
1108	9/28/2009 0:16	17.32	49.58	32.49	9.15	8.22	5.0	2.09	115.9
1109	9/28/2009 0:31	17.32	49.43	32.38	9.12	8.22	5.4	2.02	115.4
1110	9/28/2009 0:46	17.46	49.48	32.42	9.17	8.23	4.8	1.95	116.4
1111	9/28/2009 1:01	17.62	49.52	32.45	9.22	8.24	4.6	1.88	117.4
1112	9/28/2009 1:16	17.78	49.49	32.43	9.29	8.25	7.3	1.83	118.7
1113	9/28/2009 1:31	17.90	49.62	32.53	9.49	8.20	20.6	1.77	121.5
1114	9/28/2009 1:46	17.97	49.58	32.50	9.60	8.27	7.6	1.73	123.1
1115	9/28/2009 2:01	18.14	49.70	32.59	9.80	8.23	4.6	1.71	126.2
1116	9/28/2009 2:16	18.22	49.66	32.55	9.98	8.24	5.9	1.69	128.7
1117	9/28/2009 2:31	18.26	49.47	32.42	10.05	8.29	6.2	1.68	129.6
1118	9/28/2009 2:46	18.22	49.66	32.56	9.83	8.24	10.7	1.70	126.8
1119	9/28/2009 3:01	18.23	49.67	32.57	10.06	8.25	6.3	1.72	129.7
1120	9/28/2009 3:16	18.20	49.49	32.43	10.03	8.30	4.4	1.75	129.1
1121	9/28/2009 3:31	18.13	49.53	32.46	9.92	8.29	6.7	1.79	127.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1122	9/28/2009 3:46	18.13	49.56	32.49	9.91	8.23	10.1	1.83	127.5
1123	9/28/2009 4:01	18.10	49.61	32.52	9.88	8.22	6.0	1.90	127.0
1124	9/28/2009 4:16	18.08	49.56	32.49	9.76	8.27	19.0	1.96	125.4
1125	9/28/2009 4:31	18.13	49.60	32.51	9.34	8.19	5.9	2.01	120.1
1126	9/28/2009 4:46	18.13	49.45	32.40	9.20	8.24	7.5	2.07	118.3
1127	9/28/2009 5:01	18.03	49.23	32.24	9.32	8.24	6.4	2.13	119.4
1128	9/28/2009 5:16	17.94	49.47	32.42	9.36	8.24	15.5	2.20	119.9
1129	9/28/2009 5:31	17.87	49.53	32.46	9.34	8.24	6.4	2.25	119.5
1130	9/28/2009 5:46	17.73	49.46	32.41	9.20	8.23	5.8	2.32	117.4
1131	9/28/2009 6:01	17.52	49.49	32.43	8.98	8.21	5.6	2.38	114.1
1132	9/28/2009 6:16	17.37	49.30	32.29	8.81	8.19	4.4	2.45	111.6
1133	9/28/2009 6:31	17.26	49.38	32.35	8.67	8.18	23.2	2.50	109.6
1134	9/28/2009 6:46	17.13	49.44	32.39	8.54	8.17	3.9	2.57	107.6
1135	9/28/2009 7:01	16.94	49.26	32.25	8.51	8.16	3.8	2.64	106.8
1136	9/28/2009 7:16	16.88	49.22	32.22	8.48	8.16	4.0	2.69	106.4
1137	9/28/2009 7:31	16.73	49.33	32.31	8.45	8.16	3.7	2.75	105.7
1138	9/28/2009 7:46	16.50	49.41	32.36	8.43	8.15	3.8	2.81	105.0
1139	9/28/2009 8:01	16.35	49.05	32.09	8.45	8.15	3.7	2.87	104.8
1140	9/28/2009 8:16	16.14	49.32	32.29	8.44	8.14	3.5	2.91	104.3
1141	9/28/2009 8:31	15.97	49.26	32.24	8.43	8.14	3.6	2.96	103.9
1142	9/28/2009 8:46	15.65	49.45	32.38	8.52	8.07	3.4	3.01	104.4
1143	9/28/2009 9:01	15.53	49.19	32.18	8.51	8.13	3.1	3.04	103.9
1144	9/28/2009 9:16	15.51	49.37	32.31	8.44	8.13	3.2	3.07	103.0
1145	9/28/2009 9:31	15.49	49.42	32.35	8.40	8.13	2.7	3.09	102.6
1146	9/28/2009 9:46	15.62	49.32	32.28	8.42	8.14	2.9	3.10	103.0
1147	9/28/2009 10:01	15.33	49.38	32.32	8.31	8.13	2.9	3.10	101.1
1148	9/28/2009 10:16	15.40	49.20	32.19	8.37	8.13	3.2	3.08	101.9
1149	9/28/2009 10:31	15.54	49.39	32.33	8.34	8.13	3.2	3.04	102.0
1150	9/28/2009 10:46	15.88	49.27	32.24	8.40	8.14	3.4	3.00	103.3
1151	9/28/2009 11:01	16.10	49.35	32.31	8.44	8.15	4.2	2.97	104.3
1152	9/28/2009 11:16	16.15	49.13	32.15	8.42	8.15	3.3	2.92	104.0
1153	9/28/2009 11:31	16.23	49.37	32.33	8.40	8.15	3.4	2.85	104.0
1154	9/28/2009 11:46	16.44	49.35	32.32	8.42	8.16	3.5	2.82	104.8
1155	9/28/2009 12:01	16.56	49.44	32.38	8.44	8.17	3.3	2.77	105.3
1156	9/28/2009 12:16	16.64	49.40	32.35	8.46	8.17	3.4	2.72	105.6
1157	9/28/2009 12:31	16.71	49.32	32.30	8.57	8.17	3.2	2.68	107.2
1158	9/28/2009 12:46	16.75	49.49	32.42	8.70	8.12	3.1	2.65	109.0
1159	9/28/2009 13:01	16.76	49.36	32.33	8.94	8.20	3.1	2.61	111.9
1160	9/28/2009 13:16	16.86	49.33	32.31	8.91	8.20	3.2	2.57	111.8
1161	9/28/2009 13:31	17.00	49.33	32.30	8.89	8.20	3.1	2.54	111.8
1162	9/28/2009 13:46	17.07	49.30	32.28	9.06	8.21	3.2	2.52	114.1
1163	9/28/2009 14:01	17.16	49.26	32.26	9.18	8.22	3.2	2.49	115.7
1164	9/28/2009 14:16	17.20	49.37	32.34	9.19	8.22	3.1	2.48	116.1
1165	9/28/2009 14:31	17.34	49.36	32.33	9.23	8.23	3.2	2.46	116.9
1166	9/28/2009 14:46	17.38	49.48	32.42	8.92	8.22	2.7	2.46	113.1
1167	9/28/2009 15:01	17.35	49.45	32.40	9.08	8.23	2.9	2.45	115.0
1168	9/28/2009 15:16	17.44	49.49	32.43	9.22	8.23	3.5	2.47	117.0
1169	9/28/2009 15:31	17.38	49.49	32.43	9.18	8.22	3.7	2.50	116.4
1170	9/28/2009 15:46	17.35	49.39	32.36	9.00	8.21	4.5	2.51	114.0
1171	9/28/2009 16:01	17.34	49.46	32.40	8.90	8.20	4.4	2.53	112.7
1172	9/28/2009 16:16	17.30	49.41	32.37	8.85	8.20	4.5	2.58	111.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1173	9/28/2009 16:31	17.18	49.47	32.41	8.73	8.19	4.5	2.62	110.2
1174	9/28/2009 16:46	17.03	49.43	32.38	8.62	8.18	4.0	2.66	108.4
1175	9/28/2009 17:01	16.95	49.18	32.20	8.64	8.17	3.5	2.71	108.5
1176	9/28/2009 17:16	16.87	49.55	32.47	8.67	8.11	3.1	2.76	108.9
1177	9/28/2009 17:31	16.69	49.32	32.30	8.60	8.17	3.3	2.81	107.5
1178	9/28/2009 17:46	16.57	49.47	32.41	8.61	8.16	3.1	2.85	107.4
1179	9/28/2009 18:01	16.36	49.41	32.36	8.59	8.16	3.1	2.91	106.7
1180	9/28/2009 18:16	16.03	49.02	32.07	8.63	8.15	2.8	2.96	106.3
1181	9/28/2009 18:31	15.87	49.38	32.33	8.67	8.15	2.7	3.01	106.7
1182	9/28/2009 18:46	15.50	49.33	32.28	8.76	8.15	2.3	3.06	107.0
1183	9/28/2009 19:01	15.33	49.32	32.27	8.76	8.15	2.4	3.11	106.5
1184	9/28/2009 19:16	15.25	49.38	32.32	8.74	8.15	2.4	3.16	106.2
1185	9/28/2009 19:31	15.10	49.45	32.37	8.72	8.14	5.8	3.19	105.7
1186	9/28/2009 19:46	15.03	49.32	32.27	8.70	8.14	2.0	3.23	105.2
1187	9/28/2009 20:01	14.94	49.31	32.25	8.69	8.14	2.0	3.27	104.9
1188	9/28/2009 20:16	14.85	49.13	32.12	8.59	8.14	2.0	3.29	103.5
1189	9/28/2009 20:31	14.90	49.22	32.19	8.55	8.14	1.6	3.30	103.1
1190	9/28/2009 20:46	14.83	49.32	32.26	8.51	8.13	1.8	3.29	102.5
1191	9/28/2009 21:01	14.77	49.37	32.30	8.46	8.12	2.1	3.28	101.8
1192	9/28/2009 21:16	14.82	49.44	32.35	8.50	8.06	2.0	3.25	102.4
1193	9/28/2009 21:31	14.96	49.30	32.25	8.51	8.13	1.9	3.22	102.8
1194	9/28/2009 21:46	15.23	49.27	32.24	8.48	8.14	2.4	3.16	103.0
1195	9/28/2009 22:01	15.53	49.35	32.30	8.45	8.15	3.2	3.11	103.2
1196	9/28/2009 22:16	15.81	49.30	32.27	8.31	8.15	3.7	3.04	102.0
1197	9/28/2009 22:31	15.95	49.41	32.35	8.21	8.14	4.7	2.97	101.2
1198	9/28/2009 22:46	15.86	49.37	32.32	8.16	8.13	5.4	2.89	100.3
1199	9/28/2009 23:01	16.09	49.47	32.40	8.37	8.17	4.4	2.83	103.4
1200	9/28/2009 23:16	16.16	49.31	32.28	8.51	8.18	4.4	2.76	105.2
1201	9/28/2009 23:31	16.35	49.42	32.36	8.70	8.20	5.4	2.66	108.1
1202	9/28/2009 23:46	16.49	49.37	32.33	8.61	8.20	4.2	2.59	107.2
1203	9/29/2009 0:01	16.52	49.44	32.38	8.55	8.19	4.2	2.52	106.5
1204	9/29/2009 0:16	16.58	49.47	32.41	8.49	8.19	4.0	2.42	106.0
1205	9/29/2009 0:31	16.37	49.43	32.38	8.41	8.11	4.2	2.34	104.6
1206	9/29/2009 0:46	16.49	49.37	32.33	8.43	8.19	6.0	2.25	105.0
1207	9/29/2009 1:01	16.55	49.31	32.29	8.36	8.19	6.3	2.18	104.2
1208	9/29/2009 1:16	16.64	49.42	32.37	8.35	8.19	4.9	2.08	104.3
1209	9/29/2009 1:31	16.76	49.39	32.35	8.29	8.20	5.2	1.99	103.7
1210	9/29/2009 1:46	16.59	49.45	32.39	8.12	8.17	5.1	1.92	101.4
1211	9/29/2009 2:01	16.82	49.26	32.26	8.17	8.19	4.6	1.86	102.4
1212	9/29/2009 2:16	16.93	49.54	32.46	8.19	8.20	4.6	1.80	102.9
1213	9/29/2009 2:31	17.20	49.38	32.35	8.37	8.22	6.3	1.73	105.7
1214	9/29/2009 2:46	17.27	49.49	32.42	8.39	8.22	4.8	1.71	106.1
1215	9/29/2009 3:01	17.44	49.45	32.40	8.56	8.24	4.9	1.69	108.6
1216	9/29/2009 3:16	17.46	49.51	32.44	8.41	8.24	3.9	1.67	106.8
1217	9/29/2009 3:31	17.43	49.63	32.53	8.37	8.24	3.8	1.68	106.2
1218	9/29/2009 3:46	17.54	49.58	32.49	8.81	8.28	4.3	1.70	112.1
1219	9/29/2009 4:01	17.48	49.63	32.53	8.78	8.27	4.2	1.75	111.6
1220	9/29/2009 4:16	17.49	49.24	32.24	8.88	8.27	4.9	1.78	112.7
1221	9/29/2009 4:31	17.51	49.38	32.34	8.98	8.29	4.8	1.82	114.1
1222	9/29/2009 4:46	17.48	49.48	32.42	8.92	8.28	5.4	1.90	113.2
1223	9/29/2009 5:01	17.44	49.58	32.49	8.87	8.27	6.3	1.97	112.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1224	9/29/2009 5:16	17.40	49.27	32.27	8.57	8.25	6.2	2.02	108.6
1225	9/29/2009 5:31	17.38	49.43	32.38	8.47	8.24	12.6	2.08	107.3
1226	9/29/2009 5:46	17.32	49.43	32.38	8.54	8.24	6.9	2.16	108.1
1227	9/29/2009 6:01	17.25	49.42	32.38	8.55	8.24	6.2	2.23	108.0
1228	9/29/2009 6:16	17.18	49.59	32.50	8.54	8.23	5.5	2.28	107.8
1229	9/29/2009 6:31	17.13	49.47	32.41	8.53	8.23	5.1	2.35	107.6
1230	9/29/2009 6:46	17.11	49.48	32.42	8.49	8.16	5.4	2.42	107.0
1231	9/29/2009 7:01	17.06	49.56	32.48	8.41	8.15	5.2	2.50	106.0
1232	9/29/2009 7:16	16.89	49.29	32.28	8.28	8.19	6.3	2.56	103.9
1233	9/29/2009 7:31	16.73	49.42	32.37	8.24	8.18	4.2	2.63	103.2
1234	9/29/2009 7:46	16.57	49.42	32.37	8.23	8.17	5.1	2.70	102.7
1235	9/29/2009 8:01	16.40	49.40	32.35	8.23	8.16	4.2	2.76	102.3
1236	9/29/2009 8:16	16.17	49.37	32.33	8.21	8.15	4.3	2.83	101.6
1237	9/29/2009 8:31	16.03	49.35	32.31	8.23	8.15	3.9	2.89	101.5
1238	9/29/2009 8:46	15.95	49.37	32.32	8.23	8.15	4.3	2.95	101.4
1239	9/29/2009 9:01	15.62	49.35	32.30	8.27	8.14	4.3	3.00	101.2
1240	9/29/2009 9:16	15.39	49.25	32.22	8.32	8.14	4.0	3.06	101.3
1241	9/29/2009 9:31	15.30	49.38	32.32	8.33	8.13	3.5	3.11	101.3
1242	9/29/2009 9:46	15.20	49.42	32.34	8.32	8.07	3.1	3.13	101.1
1243	9/29/2009 10:01	15.10	49.44	32.36	8.33	8.06	2.8	3.17	100.9
1244	9/29/2009 10:16	15.04	49.40	32.32	8.21	8.06	2.3	3.18	99.3
1245	9/29/2009 10:31	15.22	49.35	32.29	8.31	8.14	2.9	3.19	100.9
1246	9/29/2009 10:46	15.07	49.35	32.29	8.25	8.06	2.9	3.19	99.8
1247	9/29/2009 11:01	15.13	49.28	32.24	8.23	8.13	2.7	3.16	99.8
1248	9/29/2009 11:16	15.29	49.33	32.28	8.21	8.13	3.5	3.13	99.8
1249	9/29/2009 11:31	15.62	49.23	32.21	8.32	8.15	3.2	3.09	101.8
1250	9/29/2009 11:46	15.71	49.30	32.27	8.41	8.16	3.9	3.01	103.1
1251	9/29/2009 12:01	15.85	49.41	32.35	8.52	8.17	3.9	2.96	104.8
1252	9/29/2009 12:16	16.12	49.46	32.39	8.64	8.19	3.5	2.90	106.9
1253	9/29/2009 12:31	16.36	49.36	32.32	8.67	8.19	3.8	2.83	107.7
1254	9/29/2009 12:46	16.54	49.49	32.42	8.72	8.20	3.7	2.77	108.8
1255	9/29/2009 13:01	16.63	49.25	32.24	8.73	8.20	3.5	2.71	108.9
1256	9/29/2009 13:16	16.74	49.51	32.44	8.87	8.22	3.5	2.65	111.0
1257	9/29/2009 13:31	16.93	49.35	32.32	9.07	8.23	3.7	2.60	113.8
1258	9/29/2009 13:46	17.05	49.37	32.34	9.19	8.24	3.9	2.54	115.7
1259	9/29/2009 14:01	17.15	49.24	32.24	9.20	8.24	3.5	2.49	116.0
1260	9/29/2009 14:16	17.22	49.53	32.46	9.18	8.24	3.7	2.45	116.0
1261	9/29/2009 14:31	17.27	49.44	32.39	9.28	8.25	3.5	2.41	117.4
1262	9/29/2009 14:46	17.32	49.57	32.49	9.39	8.26	4.3	2.38	118.9
1263	9/29/2009 15:01	17.37	49.49	32.43	9.30	8.26	4.2	2.34	117.8
1264	9/29/2009 15:16	17.40	49.50	32.43	9.33	8.26	3.9	2.31	118.3
1265	9/29/2009 15:31	17.44	49.50	32.44	9.34	8.20	3.1	2.32	118.6
1266	9/29/2009 15:46	17.42	49.59	32.50	9.58	8.27	4.4	2.32	121.6
1267	9/29/2009 16:01	17.42	49.48	32.42	9.54	8.26	11.7	2.30	121.0
1268	9/29/2009 16:16	17.45	49.51	32.45	9.54	8.26	4.3	2.34	121.1
1269	9/29/2009 16:31	17.42	49.42	32.38	9.50	8.26	4.5	2.37	120.5
1270	9/29/2009 16:46	17.43	49.44	32.39	9.45	8.26	5.2	2.40	119.8
1271	9/29/2009 17:01	17.53	49.46	32.41	9.47	8.27	5.7	2.45	120.4
1272	9/29/2009 17:16	17.40	49.47	32.41	9.33	8.25	6.2	2.49	118.3
1273	9/29/2009 17:31	17.33	49.47	32.41	9.20	8.24	6.2	2.56	116.6
1274	9/29/2009 17:46	17.30	49.49	32.43	9.13	8.24	5.8	2.60	115.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1275	9/29/2009 18:01	17.19	49.38	32.35	9.12	8.23	4.2	2.66	115.1
1276	9/29/2009 18:16	17.10	49.25	32.25	9.11	8.23	3.8	2.71	114.8
1277	9/29/2009 18:31	16.96	49.50	32.43	9.06	8.22	3.6	2.77	113.9
1278	9/29/2009 18:46	16.85	49.27	32.26	8.92	8.21	3.0	2.83	111.8
1279	9/29/2009 19:01	16.53	49.50	32.42	8.70	8.12	3.4	2.89	108.5
1280	9/29/2009 19:16	16.31	49.41	32.35	8.63	8.11	3.0	2.95	107.1
1281	9/29/2009 19:31	16.07	49.31	32.28	8.56	8.17	3.1	3.00	105.7
1282	9/29/2009 19:46	15.86	49.45	32.38	8.50	8.16	2.7	3.05	104.6
1283	9/29/2009 20:01	15.73	49.34	32.30	8.45	8.15	2.4	3.12	103.6
1284	9/29/2009 20:16	15.58	49.45	32.37	8.45	8.08	2.6	3.16	103.4
1285	9/29/2009 20:31	15.42	49.47	32.38	8.45	8.08	2.3	3.20	103.1
1286	9/29/2009 20:46	15.04	49.41	32.33	8.46	8.07	2.9	3.25	102.3
1287	9/29/2009 21:01	14.87	49.41	32.33	8.41	8.06	2.2	3.28	101.4
1288	9/29/2009 21:16	14.79	49.44	32.35	8.35	8.06	1.8	3.30	100.5
1289	9/29/2009 21:31	14.93	49.45	32.36	8.31	8.06	1.7	3.30	100.3
1290	9/29/2009 21:46	14.78	49.42	32.33	8.26	8.05	2.2	3.31	99.5
1291	9/29/2009 22:01	14.76	49.43	32.34	8.24	8.06	2.6	3.32	99.2
1292	9/29/2009 22:16	14.82	49.35	32.28	8.30	8.13	3.1	3.27	99.9
1293	9/29/2009 22:31	14.88	49.37	32.30	8.32	8.06	2.1	3.21	100.3
1294	9/29/2009 22:46	15.30	49.31	32.27	8.23	8.14	3.1	3.18	100.0
1295	9/29/2009 23:01	15.66	49.26	32.24	8.21	8.16	4.2	3.10	100.5
1296	9/29/2009 23:16	15.81	49.57	32.47	8.08	8.09	5.0	3.05	99.4
1297	9/29/2009 23:31	15.70	49.53	32.43	8.06	8.08	5.3	2.94	98.9
1298	9/29/2009 23:46	15.79	49.34	32.30	8.10	8.15	4.3	2.90	99.5
1299	9/30/2009 0:01	15.97	49.49	32.41	8.33	8.19	4.3	2.80	102.7
1300	9/30/2009 0:16	16.34	49.45	32.39	8.61	8.22	4.3	2.70	106.9
1301	9/30/2009 0:31	16.36	49.50	32.42	8.46	8.21	4.8	2.62	105.1
1302	9/30/2009 0:46	16.44	49.60	32.50	8.62	8.16	4.4	2.52	107.3
1303	9/30/2009 1:01	16.33	49.42	32.37	8.48	8.21	4.7	2.47	105.2
1304	9/30/2009 1:16	16.38	49.45	32.39	8.48	8.21	5.1	2.34	105.4
1305	9/30/2009 1:31	16.25	49.46	32.40	8.40	8.20	5.6	2.25	104.2
1306	9/30/2009 1:46	16.31	49.51	32.43	8.42	8.21	6.8	2.18	104.5
1307	9/30/2009 2:01	16.36	49.44	32.38	8.40	8.22	5.6	2.07	104.4
1308	9/30/2009 2:16	16.45	49.59	32.49	8.34	8.16	4.8	1.99	103.9
1309	9/30/2009 2:31	16.43	49.53	32.45	8.36	8.22	5.6	1.88	104.0
1310	9/30/2009 2:46	16.48	49.56	32.47	8.26	8.15	4.8	1.85	102.9
1311	9/30/2009 3:01	16.65	49.61	32.51	8.43	8.17	4.3	1.79	105.4
1312	9/30/2009 3:16	16.72	49.66	32.54	8.40	8.18	4.5	1.66	105.2
1313	9/30/2009 3:31	16.83	49.70	32.58	8.51	8.19	4.5	1.68	106.8
1314	9/30/2009 3:46	16.94	49.74	32.61	8.59	8.20	3.8	1.68	108.1
1315	9/30/2009 4:01	16.99	49.72	32.59	8.53	8.28	3.5	1.66	107.5
1316	9/30/2009 4:16	16.88	49.79	32.64	8.50	8.21	4.0	1.66	106.9
1317	9/30/2009 4:31	16.98	49.59	32.50	8.69	8.29	4.0	1.69	109.3
1318	9/30/2009 4:46	16.92	49.70	32.58	8.67	8.21	3.7	1.73	109.0
1319	9/30/2009 5:01	16.96	49.63	32.52	8.72	8.28	3.7	1.76	109.7
1320	9/30/2009 5:16	16.99	49.58	32.49	8.89	8.30	4.1	1.82	111.9
1321	9/30/2009 5:31	16.95	49.64	32.53	8.84	8.29	3.9	1.90	111.2
1322	9/30/2009 5:46	16.95	49.67	32.56	8.87	8.29	4.4	1.97	111.6
1323	9/30/2009 6:01	16.91	49.60	32.50	8.79	8.28	4.4	2.02	110.5
1324	9/30/2009 6:16	16.86	49.31	32.29	8.60	8.27	4.8	2.10	107.9
1325	9/30/2009 6:31	16.85	49.71	32.58	8.51	8.20	4.8	2.19	106.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1326	9/30/2009 6:46	16.76	49.62	32.52	8.59	8.19	4.4	2.28	107.7
1327	9/30/2009 7:01	16.72	49.59	32.50	8.54	8.19	5.4	2.32	107.0
1328	9/30/2009 7:16	16.70	49.43	32.37	8.50	8.25	4.4	2.41	106.3
1329	9/30/2009 7:31	16.69	49.69	32.56	8.45	8.17	4.4	2.48	105.8
1330	9/30/2009 7:46	16.65	49.44	32.39	8.36	8.22	9.8	2.57	104.5
1331	9/30/2009 8:01	16.58	49.60	32.50	8.27	8.21	10.4	2.63	103.2
1332	9/30/2009 8:16	16.53	49.43	32.37	8.24	8.20	4.6	2.71	102.7
1333	9/30/2009 8:31	16.40	49.48	32.41	8.19	8.18	5.0	2.79	101.9
1334	9/30/2009 8:46	16.24	49.50	32.42	8.15	8.11	5.0	2.86	101.0
1335	9/30/2009 9:01	16.10	49.33	32.30	8.14	8.10	4.9	2.92	100.5
1336	9/30/2009 9:16	15.94	49.50	32.42	8.15	8.16	4.2	2.99	100.5
1337	9/30/2009 9:31	15.70	49.30	32.27	8.17	8.15	4.9	3.07	100.1
1338	9/30/2009 9:46	15.38	49.49	32.40	8.21	8.08	4.3	3.11	100.1
1339	9/30/2009 10:01	15.16	49.33	32.28	8.23	8.14	14.9	3.15	99.8
1340	9/30/2009 10:16	15.03	49.32	32.27	8.26	8.14	3.5	3.19	99.8
	Mean	16.87	49.24	32.24	8.31	8.15	6.4	2.61	104.2
	Minimum	13.22	48.33	31.54	6.57	7.92	1.5	1.24	84.3
	Maximum	19.96	49.79	32.64	10.06	8.32	70.3	3.88	129.7

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

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	9/30/2009 10:46	14.64	50.13	32.84			2.9	3.26	82.1
1	9/30/2009 11:01	14.50	50.58	33.17			2.6	3.30	76.7
2	9/30/2009 11:16	14.79	50.22	32.92			3.2	3.28	72.3
3	9/30/2009 11:31	14.68	50.19	32.89			2.7	3.27	70.5
4	9/30/2009 11:46	14.83	50.43	33.07			3.2	3.22	68.2
5	9/30/2009 12:01	15.12	50.27	32.96			3.7	3.17	64.6
6	9/30/2009 12:16	15.51	50.63	33.23			3.5	3.11	63.8
7	9/30/2009 12:31	15.68	50.48	33.13			4.1	3.02	58.5
8	9/30/2009 12:46	15.92	50.38	33.06			4.0	2.96	53.4
9	9/30/2009 13:01	16.08	50.55	33.19			3.7	2.90	48.9
10	9/30/2009 13:16	16.23	50.40	33.08			3.9	2.81	49.3
11	9/30/2009 13:31	16.35	50.57	33.21			4.1	2.75	49.7
12	9/30/2009 13:46	16.48	50.51	33.16			3.8	2.67	55.4
13	9/30/2009 14:01	16.58	50.28	33.00			3.8	2.61	53.1
14	9/30/2009 14:16	16.68	50.63	33.25			4.0	2.54	54.9
15	9/30/2009 14:31	16.78	50.54	33.19			4.3	2.45	55.8
16	9/30/2009 14:46	16.88	50.46	33.14			4.3	2.40	54.3
17	9/30/2009 15:01	16.96	50.78	33.37			4.9	2.34	53.4
18	9/30/2009 15:16	17.02	50.40	33.09			4.6	2.29	53.8
19	9/30/2009 15:31	17.07	50.52	33.18			4.8	2.21	54.0
20	9/30/2009 15:46	17.10	50.58	33.22			4.8	2.19	55.4
21	9/30/2009 16:01	17.12	50.46	33.14			3.8	2.17	55.2
22	9/30/2009 16:16	17.15	50.59	33.23			3.7	2.13	54.5
23	9/30/2009 16:31	17.19	50.52	33.18			4.0	2.13	63.2
24	9/30/2009 16:46	17.18	50.68	33.29			4.3	2.16	56.6
25	9/30/2009 17:01	17.15	50.63	33.26			4.8	2.18	52.4
26	9/30/2009 17:16	17.11	50.84	33.42			4.8	2.20	55.4
27	9/30/2009 17:31	17.09	50.63	33.26			4.2	2.24	54.7
28	9/30/2009 17:46	17.08	50.77	33.36			4.5	2.30	54.5
29	9/30/2009 18:01	17.02	50.44	33.12			4.5	2.37	53.0
30	9/30/2009 18:16	16.96	50.68	33.30			4.5	2.44	65.4
31	9/30/2009 18:31	16.99	50.67	33.29			4.5	2.49	56.1
32	9/30/2009 18:46	17.00	50.61	33.25			4.5	2.57	51.7
33	9/30/2009 19:01	16.87	50.67	33.29			4.0	2.64	54.5
34	9/30/2009 19:16	16.73	50.85	33.42			4.0	2.70	54.2
35	9/30/2009 19:31	16.71	50.48	33.15			4.3	2.75	51.9
36	9/30/2009 19:46	16.66	50.68	33.29			3.5	2.82	52.4
37	9/30/2009 20:01	16.55	50.72	33.32			3.4	2.89	51.3
38	9/30/2009 20:16	16.33	50.54	33.18			3.6	2.95	49.3
39	9/30/2009 20:31	16.05	50.62	33.24			2.9	3.01	50.4
40	9/30/2009 20:46	15.89	50.64	33.25			3.3	3.06	50.3
41	9/30/2009 21:01	15.60	50.53	33.16			3.4	3.13	49.0
42	9/30/2009 21:16	15.37	50.54	33.16			3.4	3.18	49.4
43	9/30/2009 21:31	15.12	50.61	33.21			3.1	3.23	49.5
44	9/30/2009 21:46	14.99	50.73	33.29			2.9	3.27	49.7
45	9/30/2009 22:01	14.82	50.49	33.12			2.9	3.31	49.4
46	9/30/2009 22:16	14.71	50.44	33.08			2.7	3.33	48.0
47	9/30/2009 22:31	15.33	50.63	33.23			4.8	3.35	49.1
48	9/30/2009 22:46	15.09	50.89	33.42			3.5	3.34	49.0
49	9/30/2009 23:01	14.68	50.60	33.19			3.3	3.32	47.6
50	9/30/2009 23:16	15.57	50.66	33.26			6.6	3.28	46.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
51	9/30/2009 23:31	15.46	50.77	33.34			7.0	3.23	46.5
52	9/30/2009 23:46	15.37	50.63	33.23			6.9	3.17	45.0
53	10/1/2009 0:01	15.38	50.67	33.26			6.3	3.07	45.9
54	10/1/2009 0:16	15.25	50.66	33.25			5.4	3.00	45.1
55	10/1/2009 0:31	15.41	50.93	33.45			5.6	2.90	48.9
56	10/1/2009 0:46	15.60	50.63	33.24			5.3	2.82	45.7
57	10/1/2009 1:01	15.77	50.89	33.43			5.9	2.72	45.9
58	10/1/2009 1:16	15.82	50.82	33.38			5.8	2.62	45.2
59	10/1/2009 1:31	15.88	50.65	33.26			5.9	2.54	45.8
60	10/1/2009 1:46	15.71	50.95	33.47			6.1	2.44	41.7
61	10/1/2009 2:01	15.74	50.73	33.31			6.3	2.34	42.9
62	10/1/2009 2:16	15.72	50.72	33.30			6.3	2.24	44.4
63	10/1/2009 2:31	15.66	50.73	33.31			6.7	2.14	42.9
64	10/1/2009 2:46	15.68	51.01	33.52			6.6	2.04	42.0
65	10/1/2009 3:01	15.77	50.85	33.40			6.3	1.94	43.4
66	10/1/2009 3:16	15.92	51.05	33.55			6.3	1.86	59.3
67	10/1/2009 3:31	15.96	50.90	33.45			5.9	1.77	41.9
68	10/1/2009 3:46	16.04	50.89	33.44			5.5	1.72	43.1
69	10/1/2009 4:01	16.19	50.99	33.51			5.7	1.68	41.4
70	10/1/2009 4:16	16.11	50.78	33.36			5.3	1.63	39.6
71	10/1/2009 4:31	16.18	50.70	33.30			4.6	1.64	39.9
72	10/1/2009 4:46	16.11	51.00	33.51			5.6	1.63	41.3
73	10/1/2009 5:01	16.15	50.75	33.33			5.4	1.67	41.9
74	10/1/2009 5:16	16.15	50.69	33.29			5.2	1.69	41.3
75	10/1/2009 5:31	16.19	50.75	33.34			5.7	1.74	41.2
76	10/1/2009 5:46	16.16	51.04	33.55			7.0	1.82	41.1
77	10/1/2009 6:01	16.19	51.13	33.62			6.1	1.87	40.9
78	10/1/2009 6:16	16.15	50.88	33.43			6.0	1.94	41.4
79	10/1/2009 6:31	16.13	50.87	33.43			5.7	2.02	42.2
80	10/1/2009 6:46	16.10	51.04	33.55			5.6	2.10	41.1
81	10/1/2009 7:01	16.05	50.94	33.47			5.8	2.16	47.8
82	10/1/2009 7:16	15.99	50.77	33.35			5.4	2.25	41.1
83	10/1/2009 7:31	16.00	50.88	33.43			5.3	2.33	41.7
84	10/1/2009 7:46	16.04	50.83	33.39			5.6	2.43	40.4
85	10/1/2009 8:01	16.08	50.74	33.33			6.0	2.51	39.9
86	10/1/2009 8:16	16.05	50.82	33.38			5.7	2.58	40.8
87	10/1/2009 8:31	16.00	50.78	33.36			5.7	2.67	42.5
88	10/1/2009 8:46	15.91	50.80	33.37			5.8	2.75	40.4
89	10/1/2009 9:01	15.77	51.08	33.57			5.9	2.82	40.5
90	10/1/2009 9:16	15.54	50.69	33.28			6.0	2.90	40.4
91	10/1/2009 9:31	15.44	51.08	33.56			6.0	2.97	41.3
92	10/1/2009 9:46	15.24	51.19	33.64			6.2	3.04	40.2
93	10/1/2009 10:01	14.88	50.55	33.16			6.4	3.10	40.6
94	10/1/2009 10:16	14.62	50.75	33.30			6.6	3.17	42.1
95	10/1/2009 10:31	14.34	50.81	33.34			5.5	3.21	42.4
96	10/1/2009 10:46	14.09	47.89	31.20			4.5	3.28	42.8
97	10/1/2009 11:01	13.96	50.69	33.24			3.4	3.31	43.9
98	10/1/2009 11:16	13.77	50.80	33.31			2.7	3.33	43.7
99	10/1/2009 11:31	13.68	50.74	33.27			2.0	3.34	43.3
100	10/1/2009 11:46	13.90	50.68	33.23			3.5	3.32	42.6
101	10/1/2009 12:01	13.75	50.77	33.29			2.9	3.29	41.9

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
102	10/1/2009 12:16	13.93	50.44	33.06			3.5	3.25	41.7
103	10/1/2009 12:31	14.63	50.75	33.30			5.8	3.17	40.9
104	10/1/2009 12:46	15.00	50.67	33.26			4.9	3.10	41.6
105	10/1/2009 13:01	15.27	50.77	33.33			5.4	3.02	42.5
106	10/1/2009 13:16	15.44	50.92	33.45			6.1	2.92	40.8
107	10/1/2009 13:31	15.64	50.62	33.23			5.6	2.83	41.5
108	10/1/2009 13:46	15.88	50.83	33.39			5.3	2.74	41.0
109	10/1/2009 14:01	16.16	50.93	33.47			5.1	2.66	42.2
110	10/1/2009 14:16	16.27	50.61	33.23			4.8	2.58	42.2
111	10/1/2009 14:31	16.36	50.83	33.40			5.2	2.49	41.2
112	10/1/2009 14:46	16.40	50.70	33.30			4.3	2.39	43.3
113	10/1/2009 15:01	16.49	50.81	33.39			5.1	2.32	42.6
114	10/1/2009 15:16	16.56	50.66	33.27			4.9	2.22	42.6
115	10/1/2009 15:31	16.62	50.75	33.34			5.3	2.14	43.0
116	10/1/2009 15:46	16.67	50.69	33.30			4.9	2.07	43.5
117	10/1/2009 16:01	16.71	50.65	33.27			4.9	2.01	43.4
118	10/1/2009 16:16	16.75	50.71	33.31			5.4	1.95	44.0
119	10/1/2009 16:31	16.77	50.89	33.45			5.0	1.92	43.6
120	10/1/2009 16:46	16.79	50.70	33.31			4.2	1.91	44.6
121	10/1/2009 17:01	16.83	50.64	33.27			4.3	1.89	45.2
122	10/1/2009 17:16	16.82	50.92	33.47			4.8	1.90	45.8
123	10/1/2009 17:31	16.78	50.79	33.38			5.1	1.93	46.5
124	10/1/2009 17:46	16.76	50.85	33.41			5.2	1.96	47.4
125	10/1/2009 18:01	16.74	50.83	33.40			4.9	2.02	47.0
126	10/1/2009 18:16	16.69	50.85	33.42			5.4	2.07	48.2
127	10/1/2009 18:31	16.66	50.77	33.36			5.3	2.14	51.0
128	10/1/2009 18:46	16.62	50.88	33.43			5.4	2.23	48.6
129	10/1/2009 19:01	16.58	50.69	33.30			5.1	2.29	48.7
130	10/1/2009 19:16	16.63	50.61	33.24			5.7	2.38	48.1
131	10/1/2009 19:31	16.51	50.68	33.29			4.9	2.45	49.0
132	10/1/2009 19:46	16.41	50.56	33.20			4.4	2.52	49.6
133	10/1/2009 20:01	16.42	50.61	33.23			4.6	2.59	49.8
134	10/1/2009 20:16	16.40	50.87	33.43			4.4	2.66	48.9
135	10/1/2009 20:31	16.23	50.77	33.35			4.3	2.73	47.8
136	10/1/2009 20:46	16.07	50.66	33.27			4.3	2.80	46.9
137	10/1/2009 21:01	15.89	50.77	33.34			4.6	2.87	47.9
138	10/1/2009 21:16	15.70	50.50	33.14			4.6	2.94	47.0
139	10/1/2009 21:31	15.48	50.64	33.24			4.6	3.01	48.5
140	10/1/2009 21:46	15.30	50.72	33.30			4.6	3.06	49.9
141	10/1/2009 22:01	15.13	50.66	33.25			4.5	3.14	48.9
142	10/1/2009 22:16	14.74	50.72	33.28			4.8	3.19	49.3
143	10/1/2009 22:31	14.56	50.72	33.28			4.8	3.24	48.6
144	10/1/2009 22:46	14.31	50.54	33.14			3.5	3.29	48.0
145	10/1/2009 23:01	14.18	50.79	33.32			3.4	3.32	49.5
146	10/1/2009 23:16	14.17	50.63	33.20			2.5	3.33	49.7
147	10/1/2009 23:31	14.43	50.82	33.34			3.1	3.33	49.3
148	10/1/2009 23:46	14.19	50.58	33.17			3.1	3.31	53.3
149	10/2/2009 0:01	14.27	50.47	33.09			3.7	3.27	46.6
150	10/2/2009 0:16	14.71	50.99	33.48			3.8	3.22	47.1
151	10/2/2009 0:31	15.04	50.78	33.33			5.7	3.14	47.7
152	10/2/2009 0:46	15.11	50.69	33.27			5.2	3.06	46.9

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
153	10/2/2009 1:01	15.07	50.81	33.36			5.4	2.96	46.3
154	10/2/2009 1:16	15.26	50.94	33.46			5.8	2.88	45.9
155	10/2/2009 1:31	15.19	51.01	33.51			5.4	2.77	46.3
156	10/2/2009 1:46	15.23	50.72	33.29			5.3	2.68	46.6
157	10/2/2009 2:01	15.61	50.77	33.34			6.1	2.58	46.1
158	10/2/2009 2:16	15.46	51.07	33.55			5.6	2.50	45.9
159	10/2/2009 2:31	15.54	50.62	33.23			5.7	2.40	44.9
160	10/2/2009 2:46	15.33	50.82	33.37			5.9	2.28	44.9
161	10/2/2009 3:01	15.37	50.77	33.33			6.1	2.20	41.1
162	10/2/2009 3:16	15.50	50.49	33.13			6.0	2.11	43.1
163	10/2/2009 3:31	15.34	50.66	33.26			6.5	2.00	45.7
164	10/2/2009 3:46	15.47	50.81	33.37			5.9	1.91	46.2
165	10/2/2009 4:01	15.61	50.64	33.24			5.6	1.82	45.6
166	10/2/2009 4:16	15.67	50.66	33.26			5.4	1.76	45.0
167	10/2/2009 4:31	15.87	50.69	33.29			5.7	1.69	45.7
168	10/2/2009 4:46	15.92	50.90	33.44			5.0	1.66	45.5
169	10/2/2009 5:01	15.99	50.74	33.32			5.1	1.65	44.8
170	10/2/2009 5:16	15.98	50.68	33.28			4.5	1.64	44.6
171	10/2/2009 5:31	15.94	51.12	33.61			4.7	1.68	44.2
172	10/2/2009 5:46	16.00	50.78	33.36			4.6	1.69	45.9
173	10/2/2009 6:01	16.07	50.83	33.39			4.8	1.75	45.5
174	10/2/2009 6:16	16.02	50.99	33.51			5.1	1.82	45.1
175	10/2/2009 6:31	16.01	50.97	33.49			5.0	1.89	47.5
176	10/2/2009 6:46	16.01	50.90	33.45			5.1	1.97	45.5
177	10/2/2009 7:01	15.96	50.66	33.27			5.0	2.05	45.9
178	10/2/2009 7:16	15.89	50.74	33.32			5.4	2.15	47.2
179	10/2/2009 7:31	15.81	50.84	33.40			5.2	2.23	47.0
180	10/2/2009 7:46	15.81	50.68	33.27			5.0	2.30	46.7
181	10/2/2009 8:01	15.85	50.81	33.38			5.0	2.39	46.7
182	10/2/2009 8:16	15.88	50.72	33.31			5.4	2.49	48.4
183	10/2/2009 8:31	15.88	50.61	33.23			5.2	2.55	47.8
184	10/2/2009 8:46	15.81	50.64	33.25			5.2	2.63	47.8
185	10/2/2009 9:01	15.71	50.69	33.28			5.9	2.73	47.7
186	10/2/2009 9:16	15.49	50.84	33.39			5.7	2.80	49.0
187	10/2/2009 9:31	15.26	50.84	33.38			6.1	2.88	48.8
188	10/2/2009 9:46	15.16	50.63	33.23			5.8	2.96	48.9
189	10/2/2009 10:01	14.95	50.40	33.05			6.7	3.04	48.5
190	10/2/2009 10:16	14.56	50.90	33.41			7.3	3.11	50.4
191	10/2/2009 10:31	14.26	50.49	33.10			6.5	3.18	50.7
192	10/2/2009 10:46	13.86	50.56	33.14			6.7	3.25	51.8
193	10/2/2009 11:01	13.53	50.87	33.35			6.4	3.31	51.8
194	10/2/2009 11:16	13.28	50.50	33.08			5.4	3.36	51.6
195	10/2/2009 11:31	13.19	50.91	33.37			4.4	3.39	50.3
196	10/2/2009 11:46	13.13	50.89	33.36			2.9	3.42	50.5
197	10/2/2009 12:01	13.54	50.61	33.16			3.3	3.43	50.2
198	10/2/2009 12:16	13.11	50.73	33.24			3.2	3.41	50.4
199	10/2/2009 12:31	13.17	50.51	33.08			4.6	3.36	50.9
200	10/2/2009 12:46	13.39	50.82	33.31			4.1	3.31	50.0
201	10/2/2009 13:01	14.09	50.74	33.28			5.5	3.24	52.1
202	10/2/2009 13:16	14.47	50.52	33.13			5.7	3.14	51.5
203	10/2/2009 13:31	14.73	51.03	33.51			6.8	3.04	53.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
204	10/2/2009 13:46	14.99	50.76	33.32			6.8	2.95	50.7
205	10/2/2009 14:01	15.21	50.76	33.32			6.8	2.85	51.2
206	10/2/2009 14:16	15.39	50.56	33.18			5.5	2.74	53.5
207	10/2/2009 14:31	15.70	50.60	33.21			5.4	2.64	54.6
208	10/2/2009 14:46	15.65	50.77	33.34			4.8	2.55	55.3
209	10/2/2009 15:01	15.76	50.71	33.30			5.5	2.45	54.7
210	10/2/2009 15:16	15.81	50.67	33.27			4.6	2.34	56.1
211	10/2/2009 15:31	15.90	50.62	33.24			4.4	2.25	57.1
212	10/2/2009 15:46	16.12	50.50	33.15			5.4	2.15	56.4
213	10/2/2009 16:01	16.29	50.81	33.38			5.7	2.05	55.5
214	10/2/2009 16:16	16.43	50.65	33.26			5.7	1.96	55.4
215	10/2/2009 16:31	16.50	50.73	33.33			6.0	1.87	55.8
216	10/2/2009 16:46	16.59	50.96	33.50			5.6	1.80	55.7
217	10/2/2009 17:01	16.62	50.64	33.26			4.8	1.75	54.8
218	10/2/2009 17:16	16.68	50.59	33.23			4.8	1.71	56.1
219	10/2/2009 17:31	16.69	50.65	33.27			4.0	1.68	54.3
220	10/2/2009 17:46	16.50	50.55	33.20			4.4	1.69	58.2
221	10/2/2009 18:01	16.52	50.95	33.48			4.5	1.69	57.7
222	10/2/2009 18:16	16.50	51.03	33.54			4.3	1.73	58.3
223	10/2/2009 18:31	16.54	50.68	33.29			4.7	1.77	62.1
224	10/2/2009 18:46	16.53	50.64	33.26			5.0	1.84	57.6
225	10/2/2009 19:01	16.58	50.66	33.27			5.4	1.93	58.0
226	10/2/2009 19:16	16.53	50.75	33.34			5.3	2.00	56.5
227	10/2/2009 19:31	16.85	50.72	33.32			6.7	2.08	56.2
228	10/2/2009 19:46	16.83	50.66	33.28			6.7	2.18	57.1
229	10/2/2009 20:01	16.59	50.64	33.26			5.5	2.26	57.3
230	10/2/2009 20:16	16.49	50.72	33.32			5.0	2.33	58.2
231	10/2/2009 20:31	16.48	50.72	33.32			4.9	2.43	57.3
232	10/2/2009 20:46	16.42	50.76	33.35			5.0	2.50	57.1
233	10/2/2009 21:01	16.31	50.75	33.34			4.9	2.58	59.3
234	10/2/2009 21:16	16.12	50.61	33.23			4.9	2.66	53.9
235	10/2/2009 21:31	15.88	50.68	33.28			5.4	2.73	53.6
236	10/2/2009 21:46	15.61	50.79	33.35			5.3	2.80	54.0
237	10/2/2009 22:01	15.41	50.65	33.25			5.7	2.88	54.5
238	10/2/2009 22:16	15.31	50.63	33.23			5.2	2.95	55.4
239	10/2/2009 22:31	15.13	50.76	33.32			5.8	3.03	56.2
240	10/2/2009 22:46	14.64	50.48	33.11			5.9	3.09	56.5
241	10/2/2009 23:01	14.40	50.43	33.06			5.9	3.16	55.1
242	10/2/2009 23:16	14.10	50.51	33.11			5.6	3.22	56.0
243	10/2/2009 23:31	13.82	50.70	33.24			4.6	3.26	57.1
244	10/2/2009 23:46	13.61	50.59	33.15			4.0	3.30	56.5
245	10/3/2009 0:01	13.45	50.90	33.37			3.1	3.32	55.2
246	10/3/2009 0:16	13.66	50.60	33.16			3.8	3.32	54.7
247	10/3/2009 0:31	13.51	50.65	33.20			3.8	3.29	55.5
248	10/3/2009 0:46	13.62	50.61	33.17			3.9	3.26	56.3
249	10/3/2009 1:01	14.02	50.55	33.13			4.5	3.19	55.4
250	10/3/2009 1:16	14.40	50.54	33.14			6.5	3.11	55.7
251	10/3/2009 1:31	14.43	50.81	33.34			6.1	3.02	53.4
252	10/3/2009 1:46	14.57	50.92	33.42			6.0	2.94	53.7
253	10/3/2009 2:01	14.49	50.89	33.40			5.4	2.84	52.4
254	10/3/2009 2:16	14.62	50.67	33.24			5.7	2.74	51.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
255	10/3/2009 2:31	14.64	50.86	33.39			5.2	2.64	52.1
256	10/3/2009 2:46	14.68	50.66	33.24			4.6	2.55	51.4
257	10/3/2009 3:01	14.92	50.87	33.39			5.0	2.46	52.3
258	10/3/2009 3:16	14.78	50.57	33.18			5.4	2.36	60.0
259	10/3/2009 3:31	14.53	50.55	33.16			5.9	2.25	58.8
260	10/3/2009 3:46	14.85	50.62	33.21			6.3	2.15	52.2
261	10/3/2009 4:01	14.90	50.90	33.42			6.3	2.06	52.3
262	10/3/2009 4:16	14.99	50.94	33.45			5.9	1.97	51.6
263	10/3/2009 4:31	15.07	50.73	33.30			5.4	1.87	51.3
264	10/3/2009 4:46	15.22	50.68	33.26			5.5	1.82	50.9
265	10/3/2009 5:01	15.43	50.86	33.40			5.4	1.75	51.0
266	10/3/2009 5:16	15.53	50.81	33.37			5.1	1.71	49.8
267	10/3/2009 5:31	15.74	50.72	33.30			5.1	1.67	50.1
268	10/3/2009 5:46	15.78	50.91	33.45			4.9	1.68	50.3
269	10/3/2009 6:01	15.72	50.90	33.44			4.9	1.70	50.2
270	10/3/2009 6:16	15.75	51.28	33.72			5.0	1.70	48.6
271	10/3/2009 6:31	15.77	50.74	33.32			5.2	1.79	48.7
272	10/3/2009 6:46	15.80	50.95	33.47			5.4	1.85	48.9
273	10/3/2009 7:01	15.77	50.71	33.30			5.6	1.91	48.9
274	10/3/2009 7:16	15.73	51.21	33.67			5.8	2.02	49.9
275	10/3/2009 7:31	15.65	51.12	33.60			5.4	2.09	49.0
276	10/3/2009 7:46	15.53	50.68	33.27			5.3	2.19	49.1
277	10/3/2009 8:01	15.44	51.12	33.59			5.1	2.26	48.7
278	10/3/2009 8:16	15.40	50.67	33.26			5.2	2.35	48.1
279	10/3/2009 8:31	15.45	50.91	33.44			4.8	2.44	48.3
280	10/3/2009 8:46	15.50	50.68	33.27			5.2	2.51	48.9
281	10/3/2009 9:01	15.45	50.87	33.41			6.0	2.61	48.0
282	10/3/2009 9:16	15.30	48.13	31.41			5.9	2.69	47.3
283	10/3/2009 9:31	15.10	50.86	33.39			5.8	2.76	49.5
284	10/3/2009 9:46	14.88	50.65	33.23			6.6	2.85	48.8
285	10/3/2009 10:01	14.73	50.53	33.14			7.3	2.93	49.2
286	10/3/2009 10:16	14.58	50.59	33.18			6.9	3.03	49.4
287	10/3/2009 10:31	14.06	50.74	33.27			8.5	3.10	49.8
288	10/3/2009 10:46	13.66	50.65	33.20			8.3	3.19	49.2
289	10/3/2009 11:01	13.25	50.61	33.15			8.9	3.25	50.4
290	10/3/2009 11:16	12.98	50.98	33.42			7.8	3.32	50.9
291	10/3/2009 11:31	12.71	50.93	33.37			7.4	3.39	50.6
292	10/3/2009 11:46	12.52	50.56	33.09			5.1	3.43	51.4
293	10/3/2009 12:01	12.46	50.58	33.10			4.6	3.47	51.3
294	10/3/2009 12:16	12.33	50.73	33.20			2.8	3.48	60.6
295	10/3/2009 12:31	12.38	50.90	33.33			2.7	3.48	66.8
296	10/3/2009 12:46	12.32	50.55	33.07			4.2	3.45	55.0
297	10/3/2009 13:01	12.46	50.84	33.29			5.7	3.39	51.9
298	10/3/2009 13:16	12.95	50.55	33.10			8.1	3.32	50.1
299	10/3/2009 13:31	13.39	50.55	33.12			7.6	3.23	53.0
300	10/3/2009 13:46	13.68	50.51	33.09			8.8	3.14	52.0
301	10/3/2009 14:01	13.98	50.67	33.23			9.0	3.03	49.3
302	10/3/2009 14:16	14.24	50.76	33.30			8.7	2.93	52.5
303	10/3/2009 14:31	14.30	50.64	33.21			7.8	2.82	52.8
304	10/3/2009 14:46	14.60	50.49	33.11			7.9	2.71	52.0
305	10/3/2009 15:01	14.41	50.95	33.44			7.3	2.61	52.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
306	10/3/2009 15:16	14.67	50.48	33.10			7.7	2.48	53.2
307	10/3/2009 15:31	14.72	50.54	33.15			8.2	2.38	53.3
308	10/3/2009 15:46	14.85	50.62	33.21			8.3	2.28	55.6
309	10/3/2009 16:01	15.17	50.44	33.09			9.1	2.16	52.5
310	10/3/2009 16:16	15.30	50.58	33.20			11.7	2.05	54.7
311	10/3/2009 16:31	15.60	50.59	33.21			15.4	1.94	56.4
312	10/3/2009 16:46	15.74	50.77	33.34			16.1	1.84	56.1
313	10/3/2009 17:01	15.83	50.95	33.48			15.3	1.73	54.7
314	10/3/2009 17:16	15.91	50.79	33.36			15.7	1.63	53.7
315	10/3/2009 17:31	16.02	51.08	33.57			13.6	1.58	55.3
316	10/3/2009 17:46	16.04	50.67	33.28			10.6	1.53	53.5
317	10/3/2009 18:01	16.08	50.71	33.30			9.1	1.48	55.9
318	10/3/2009 18:16	15.69	50.62	33.23			7.2	1.49	65.2
319	10/3/2009 18:31	15.73	50.58	33.21			7.8	1.49	61.9
320	10/3/2009 18:46	15.91	50.68	33.28			9.2	1.54	59.7
321	10/3/2009 19:01	15.93	50.70	33.30			9.7	1.59	59.4
322	10/3/2009 19:16	15.90	50.64	33.25			9.6	1.66	58.6
323	10/3/2009 19:31	15.93	50.87	33.42			9.6	1.73	58.0
324	10/3/2009 19:46	15.92	50.67	33.27			11.0	1.83	55.5
325	10/3/2009 20:01	15.90	50.66	33.26			10.0	1.91	56.3
326	10/3/2009 20:16	15.78	51.04	33.54			8.4	1.99	57.3
327	10/3/2009 20:31	15.62	50.71	33.30			7.8	2.09	57.0
328	10/3/2009 20:46	15.58	50.70	33.29			7.6	2.18	53.7
329	10/3/2009 21:01	15.70	50.78	33.35			7.9	2.25	54.0
330	10/3/2009 21:16	15.78	51.02	33.53			8.1	2.34	53.5
331	10/3/2009 21:31	15.87	50.59	33.21			8.5	2.43	51.6
332	10/3/2009 21:46	15.78	50.78	33.35			8.0	2.51	52.5
333	10/3/2009 22:01	15.69	50.79	33.35			8.5	2.60	52.2
334	10/3/2009 22:16	15.38	50.79	33.35			10.1	2.68	51.5
335	10/3/2009 22:31	15.19	50.65	33.24			10.5	2.76	51.5
336	10/3/2009 22:46	15.02	50.73	33.30			10.3	2.84	51.2
337	10/3/2009 23:01	14.77	50.75	33.31			11.5	2.91	52.3
338	10/3/2009 23:16	14.38	50.55	33.15			11.0	2.99	51.4
339	10/3/2009 23:31	14.10	48.79	31.86			9.8	3.07	52.2
340	10/3/2009 23:46	13.64	50.52	33.10			10.1	3.12	50.7
341	10/4/2009 0:01	13.37	50.65	33.19			7.4	3.19	51.4
342	10/4/2009 0:16	13.18	50.65	33.18			6.7	3.24	53.2
343	10/4/2009 0:31	13.06	50.87	33.33			5.0	3.27	51.5
344	10/4/2009 0:46	13.55	50.92	33.39			5.6	3.30	50.1
345	10/4/2009 1:01	13.59	50.93	33.40			4.1	3.31	48.7
346	10/4/2009 1:16	13.18	50.55	33.11			4.0	3.28	52.8
347	10/4/2009 1:31	13.24	50.73	33.24			5.8	3.24	52.2
348	10/4/2009 1:46	13.40	50.73	33.25			7.9	3.18	52.0
349	10/4/2009 2:01	13.84	50.58	33.15			9.6	3.10	51.3
350	10/4/2009 2:16	13.91	50.68	33.23			8.7	3.01	51.4
351	10/4/2009 2:31	13.99	51.26	33.66			8.4	2.92	49.9
352	10/4/2009 2:46	13.96	50.93	33.41			6.7	2.81	50.3
353	10/4/2009 3:01	13.97	48.45	31.60			7.0	2.72	50.6
354	10/4/2009 3:16	14.24	50.83	33.35			7.3	2.62	51.5
355	10/4/2009 3:31	14.11	50.77	33.30			5.8	2.54	52.0
356	10/4/2009 3:46	14.05	50.92	33.41			5.6	2.43	51.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
357	10/4/2009 4:01	14.35	50.65	33.22			7.5	2.33	51.0
358	10/4/2009 4:16	14.43	50.61	33.19			7.3	2.25	50.4
359	10/4/2009 4:31	14.33	50.88	33.39			6.9	2.17	51.8
360	10/4/2009 4:46	14.27	50.67	33.23			7.2	2.07	49.8
361	10/4/2009 5:01	14.46	51.14	33.58			7.1	2.00	48.5
362	10/4/2009 5:16	14.51	50.92	33.42			6.8	1.93	48.8
363	10/4/2009 5:31	14.62	51.07	33.54			6.8	1.87	47.0
364	10/4/2009 5:46	14.72	50.87	33.39			6.3	1.81	46.2
365	10/4/2009 6:01	15.00	50.71	33.28			6.2	1.80	47.1
366	10/4/2009 6:16	14.96	51.01	33.50			5.6	1.78	45.1
367	10/4/2009 6:31	14.92	50.77	33.33			5.6	1.79	43.1
368	10/4/2009 6:46	14.99	50.86	33.39			6.3	1.83	43.7
369	10/4/2009 7:01	14.94	50.78	33.33			6.4	1.86	45.2
370	10/4/2009 7:16	15.05	50.93	33.44			7.2	1.94	45.2
371	10/4/2009 7:31	15.03	50.76	33.32			7.1	2.00	45.0
372	10/4/2009 7:46	15.00	50.78	33.33			7.5	2.08	45.0
373	10/4/2009 8:01	14.91	50.82	33.36			7.3	2.18	45.6
374	10/4/2009 8:16	14.84	50.80	33.34			7.8	2.27	45.0
375	10/4/2009 8:31	14.75	50.79	33.33			7.0	2.36	46.3
376	10/4/2009 8:46	14.75	50.70	33.27			6.8	2.44	48.3
377	10/4/2009 9:01	14.79	50.96	33.46			6.5	2.52	48.2
378	10/4/2009 9:16	14.83	50.92	33.43			7.3	2.61	47.2
379	10/4/2009 9:31	14.73	50.78	33.33			7.8	2.70	47.1
380	10/4/2009 9:46	14.52	50.73	33.29			7.0	2.77	46.6
381	10/4/2009 10:01	14.31	50.71	33.26			8.5	2.87	45.4
382	10/4/2009 10:16	14.07	50.90	33.40			9.8	2.96	49.3
383	10/4/2009 10:31	13.91	48.80	31.86			9.6	3.05	49.3
384	10/4/2009 10:46	13.54	50.60	33.15			10.4	3.13	51.5
385	10/4/2009 11:01	13.05	50.80	33.28			10.7	3.23	51.5
386	10/4/2009 11:16	12.61	50.68	33.18			9.7	3.30	51.9
387	10/4/2009 11:31	12.22	50.83	33.27			10.3	3.38	54.5
388	10/4/2009 11:46	12.13	51.68	33.89				3.46	54.6
389	10/4/2009 12:01	12.08	50.97	33.37			10.4	3.51	51.6
390	10/4/2009 12:16	11.82	50.65	33.12			7.0	3.56	52.3
391	10/4/2009 12:31	11.67	50.75	33.18			5.0	3.60	52.4
392	10/4/2009 12:46	12.02	50.52	33.04			4.3	3.61	51.2
393	10/4/2009 13:01	11.88	50.84	33.26			4.1	3.59	50.3
394	10/4/2009 13:16	11.75	50.65	33.12			6.8	3.56	51.6
395	10/4/2009 13:31	11.73	50.93	33.32			7.0	3.50	51.8
396	10/4/2009 13:46	12.58	50.57	33.10			7.3	3.42	55.1
397	10/4/2009 14:01	12.87	50.71	33.21			7.5	3.32	55.4
398	10/4/2009 14:16	13.15	50.62	33.16			10.0	3.21	54.4
399	10/4/2009 14:31	13.32	50.66	33.19			10.2	3.10	54.1
400	10/4/2009 14:46	13.61	50.96	33.42			11.5	2.98	55.6
401	10/4/2009 15:01	14.12	50.83	33.34			9.9	2.87	54.9
402	10/4/2009 15:16	14.49	50.97	33.46			9.5	2.76	52.5
403	10/4/2009 15:31	14.65	50.68	33.25			10.4	2.64	50.7
404	10/4/2009 15:46	14.70	50.75	33.30			8.7	2.52	49.1
405	10/4/2009 16:01	14.69	50.73	33.29			8.1	2.41	46.7
406	10/4/2009 16:16	14.78	50.69	33.26			7.3	2.29	46.4
407	10/4/2009 16:31	14.78	50.93	33.44			7.4	2.17	47.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
408	10/4/2009 16:46	14.73	50.79	33.33			7.6	2.05	46.8
409	10/4/2009 17:01	14.75	50.76	33.31			7.6	1.92	45.9
410	10/4/2009 17:16	14.78	50.72	33.28			7.8	1.79	44.6
411	10/4/2009 17:31	14.84	50.82	33.36			7.1	1.69	42.7
412	10/4/2009 17:46	14.83	50.69	33.26			7.1	1.58	47.7
413	10/4/2009 18:01	14.90	51.05	33.53			6.7	1.49	48.4
414	10/4/2009 18:16	14.92	50.73	33.30			6.6	1.43	47.0
415	10/4/2009 18:31	14.91	50.76	33.32			5.5	1.38	45.2
416	10/4/2009 18:46	14.99	51.10	33.57			5.9	1.34	44.0
417	10/4/2009 19:01	14.79	50.92	33.43			4.6	1.37	48.5
418	10/4/2009 19:16	14.83	50.98	33.47			4.4	1.41	48.9
419	10/4/2009 19:31	14.93	50.86	33.39			5.1	1.45	46.5
420	10/4/2009 19:46	14.96	51.01	33.50			5.2	1.51	44.6
421	10/4/2009 20:01	15.01	50.84	33.38			5.6	1.59	45.2
422	10/4/2009 20:16	15.00	50.88	33.40			5.6	1.69	45.8
423	10/4/2009 20:31	15.00	51.01	33.50			5.7	1.77	45.8
424	10/4/2009 20:46	14.94	50.82	33.36			5.4	1.86	46.3
425	10/4/2009 21:01	14.88	50.96	33.46			5.2	1.95	48.6
426	10/4/2009 21:16	14.77	51.12	33.58			5.1	2.04	49.7
427	10/4/2009 21:31	14.75	50.82	33.36			5.5	2.13	49.9
428	10/4/2009 21:46	14.80	50.70	33.27			5.7	2.23	48.1
429	10/4/2009 22:01	14.90	50.79	33.34			6.4	2.33	47.8
430	10/4/2009 22:16	14.94	50.71	33.28			7.4	2.42	50.2
431	10/4/2009 22:31	14.90	50.72	33.29			6.8	2.51	51.6
432	10/4/2009 22:46	14.80	50.81	33.35			6.7	2.60	52.7
433	10/4/2009 23:01	14.67	50.68	33.25			7.1	2.68	53.3
434	10/4/2009 23:16	14.50	50.94	33.44			7.0	2.77	53.7
435	10/4/2009 23:31	14.39	50.76	33.30			7.3	2.85	52.4
436	10/4/2009 23:46	14.17	50.67	33.23			7.9	2.92	51.8
437	10/5/2009 0:01	13.70	50.79	33.30			8.5	3.00	53.9
438	10/5/2009 0:16	13.48	50.74	33.26			7.8	3.06	54.8
439	10/5/2009 0:31	12.99	50.78	33.27			7.2	3.13	55.9
440	10/5/2009 0:46	12.69	50.77	33.25			7.2	3.19	56.5
441	10/5/2009 1:01	12.48	50.91	33.34			6.3	3.24	56.0
442	10/5/2009 1:16	12.42	50.85	33.29			4.6	3.27	56.8
443	10/5/2009 1:31	12.42	51.04	33.43			3.6	3.29	55.8
444	10/5/2009 1:46	12.72	50.96	33.38			4.0	3.30	56.8
445	10/5/2009 2:01	12.48	50.82	33.28			3.8	3.28	56.6
446	10/5/2009 2:16	12.39	50.72	33.20			5.8	3.23	59.5
447	10/5/2009 2:31	12.96	49.24	32.14			7.1	3.17	56.3
448	10/5/2009 2:46	13.43	50.71	33.23			6.8	3.10	57.7
449	10/5/2009 3:01	13.45	50.74	33.25			6.8	3.01	55.6
450	10/5/2009 3:16	13.69	50.95	33.42			7.0	2.92	54.7
451	10/5/2009 3:31	13.75	50.83	33.33			6.4	2.82	54.1
452	10/5/2009 3:46	13.86	50.97	33.44			5.8	2.74	54.0
453	10/5/2009 4:01	13.63	50.78	33.29			5.5	2.64	54.8
454	10/5/2009 4:16	13.68	50.96	33.42			6.0	2.55	53.2
455	10/5/2009 4:31	13.89	50.99	33.46			5.4	2.47	52.3
456	10/5/2009 4:46	13.77	50.89	33.38			5.6	2.39	52.6
457	10/5/2009 5:01	13.64	51.02	33.47			5.6	2.30	53.1
458	10/5/2009 5:16	13.59	50.93	33.40			5.7	2.22	53.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
459	10/5/2009 5:31	13.66	50.98	33.44			6.0	2.13	54.2
460	10/5/2009 5:46	13.65	50.96	33.43			5.8	2.07	55.7
461	10/5/2009 6:01	13.72	50.80	33.31			5.2	2.00	54.3
462	10/5/2009 6:16	13.90	50.93	33.41			5.3	1.95	54.9
463	10/5/2009 6:31	14.00	50.86	33.36			5.3	1.94	55.1
464	10/5/2009 6:46	14.14	50.83	33.34			5.0	1.91	54.1
465	10/5/2009 7:01	14.02	50.91	33.40			4.8	1.93	53.6
466	10/5/2009 7:16	13.95	50.86	33.36			5.0	1.96	53.7
467	10/5/2009 7:31	14.10	50.99	33.46			5.2	2.00	53.3
468	10/5/2009 7:46	14.16	50.80	33.33			5.6	2.06	53.9
469	10/5/2009 8:01	14.13	50.80	33.33			6.0	2.14	53.4
470	10/5/2009 8:16	14.11	50.91	33.41			6.5	2.23	53.1
471	10/5/2009 8:31	14.07	49.53	32.40			6.3	2.31	53.4
472	10/5/2009 8:46	14.01	50.83	33.34			5.7	2.39	53.9
473	10/5/2009 9:01	13.97	50.93	33.42			5.9	2.47	52.6
474	10/5/2009 9:16	13.98	51.01	33.47			5.6	2.56	52.7
475	10/5/2009 9:31	13.99	50.85	33.36			5.5	2.64	53.5
476	10/5/2009 9:46	13.93	50.84	33.35			5.7	2.72	54.4
477	10/5/2009 10:01	13.86	50.84	33.34			5.8	2.82	55.3
478	10/5/2009 10:16	13.72	49.61	32.44			6.4	2.90	55.7
479	10/5/2009 10:31	13.50	50.82	33.32			7.3	2.98	56.9
480	10/5/2009 10:46	13.32	50.76	33.26			7.3	3.07	56.7
481	10/5/2009 11:01	13.05	50.81	33.29			8.3	3.16	56.3
482	10/5/2009 11:16	12.50	50.80	33.26			9.3	3.25	61.6
483	10/5/2009 11:31	12.01	50.95	33.35			9.3	3.34	71.4
484	10/5/2009 11:46	11.64	50.93	33.31			9.0	3.42	70.7
485	10/5/2009 12:01	11.25	50.84	33.23			9.6	3.50	67.9
486	10/5/2009 12:16	11.04	50.88	33.24			8.5	3.57	69.5
487	10/5/2009 12:31	10.95	51.00	33.32			6.7	3.62	69.3
488	10/5/2009 12:46	10.93	50.89	33.25			4.9	3.67	68.3
489	10/5/2009 13:01	10.88	51.15	33.43			3.8	3.70	68.2
490	10/5/2009 13:16	11.27	50.79	33.19			4.3	3.70	69.4
491	10/5/2009 13:31	10.95	51.09	33.40			4.9	3.68	68.0
492	10/5/2009 13:46	10.97	51.01	33.33			6.2	3.63	68.6
493	10/5/2009 14:01	10.99	51.02	33.34			6.0	3.57	68.8
494	10/5/2009 14:16	12.14	50.82	33.26			7.3	3.49	78.5
495	10/5/2009 14:31	12.08	50.93	33.34			10.4	3.38	77.2
496	10/5/2009 14:46	12.40	50.75	33.22			11.0	3.27	79.2
497	10/5/2009 15:01	12.76	51.64	33.89			11.3	3.16	79.1
498	10/5/2009 15:16	13.23	50.43	33.02			12.6	3.04	82.4
499	10/5/2009 15:31	13.44	50.76	33.27			11.8	2.92	91.4
500	10/5/2009 15:46	13.49	51.61	33.89			10.4	2.81	81.8
501	10/5/2009 16:01	13.78	49.61	32.45			12.8	2.69	74.3
502	10/5/2009 16:16	13.99	51.14	33.57			17.8	2.56	73.0
503	10/5/2009 16:31	13.90	50.70	33.24			19.5	2.44	69.8
504	10/5/2009 16:46	13.80	50.79	33.31			22.3	2.30	69.0
505	10/5/2009 17:01	13.88	50.78	33.30			23.4	2.17	69.1
506	10/5/2009 17:16	13.98	50.71	33.25			34.5	2.04	69.0
507	10/5/2009 17:31	13.98	50.71	33.26			42.8	1.91	69.3
508	10/5/2009 17:46	14.11	50.82	33.34			33.1	1.77	69.7
509	10/5/2009 18:01	14.20	51.14	33.57			32.0	1.64	68.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
510	10/5/2009 18:16	14.29	50.86	33.38			23.0	1.52	67.2
511	10/5/2009 18:31	14.43	50.86	33.38			20.8	1.42	64.9
512	10/5/2009 18:46	14.49	50.81	33.34			19.1	1.33	63.2
513	10/5/2009 19:01	14.49	50.74	33.29			15.3	1.27	62.5
514	10/5/2009 19:16	14.53	50.97	33.46			13.3	1.24	59.7
515	10/5/2009 19:31	14.32	50.78	33.31			11.6	1.25	62.9
516	10/5/2009 19:46	14.52	50.96	33.45			12.5	1.27	61.7
517	10/5/2009 20:01	14.69	50.82	33.35			12.2	1.32	61.2
518	10/5/2009 20:16	14.77	51.14	33.59			12.8	1.39	61.2
519	10/5/2009 20:31	14.83	50.87	33.40			12.9	1.47	59.9
520	10/5/2009 20:46	14.77	51.02	33.50			13.4	1.56	62.2
521	10/5/2009 21:01	14.78	50.91	33.42			12.3	1.64	64.1
522	10/5/2009 21:16	14.73	50.89	33.41			13.5	1.73	63.9
523	10/5/2009 21:31	14.64	50.87	33.39			12.3	1.81	65.6
524	10/5/2009 21:46	14.46	50.82	33.35			11.1	1.90	66.0
525	10/5/2009 22:01	14.39	50.72	33.27			10.7	2.00	66.4
526	10/5/2009 22:16	14.45	50.76	33.30			11.0	2.09	66.9
527	10/5/2009 22:31	14.51	50.93	33.43			11.1	2.18	65.8
528	10/5/2009 22:46	14.63	51.08	33.55			10.9	2.28	64.5
529	10/5/2009 23:01	14.69	50.74	33.30			10.8	2.38	65.5
530	10/5/2009 23:16	14.63	50.77	33.31			10.9	2.47	65.2
531	10/5/2009 23:31	14.52	51.13	33.57			11.5	2.56	64.9
532	10/5/2009 23:46	14.42	50.82	33.35			13.0	2.64	66.0
533	10/6/2009 0:01	14.20	50.78	33.31			12.5	2.73	69.5
534	10/6/2009 0:16	14.10	50.56	33.15			12.7	2.80	67.6
535	10/6/2009 0:31	13.84	50.89	33.38			15.7	2.87	69.2
536	10/6/2009 0:46	13.50	50.73	33.25			15.4	2.96	83.5
537	10/6/2009 1:01	13.09	50.59	33.14			12.9	3.02	80.6
538	10/6/2009 1:16	12.80	50.88	33.34			9.4	3.07	77.0
539	10/6/2009 1:31	12.63	50.54	33.08			8.0	3.14	77.7
540	10/6/2009 1:46	12.48	50.58	33.10			6.7	3.19	78.4
541	10/6/2009 2:01	12.41	50.71	33.19			4.9	3.22	78.6
542	10/6/2009 2:16	12.42	50.89	33.32			3.6	3.24	83.5
543	10/6/2009 2:31	12.59	50.64	33.15			5.6	3.24	77.3
544	10/6/2009 2:46	12.50	50.61	33.12			3.9	3.22	74.8
545	10/6/2009 3:01	12.41	50.82	33.27			5.6	3.18	76.2
546	10/6/2009 3:16	12.93	50.87	33.33			9.4	3.13	77.3
547	10/6/2009 3:31	13.18	50.65	33.18			11.1	3.05	76.9
548	10/6/2009 3:46	13.33	50.72	33.24			10.5	2.97	78.2
549	10/6/2009 4:01	13.39	50.69	33.22			8.4	2.88	77.3
550	10/6/2009 4:16	13.45	50.89	33.37			9.9	2.79	78.0
551	10/6/2009 4:31	13.43	50.68	33.21			7.9	2.71	77.2
552	10/6/2009 4:46	13.52	50.54	33.11			8.5	2.61	77.1
553	10/6/2009 5:01	13.63	50.76	33.27			10.1	2.53	79.2
554	10/6/2009 5:16	13.53	50.70	33.23			9.1	2.45	77.9
555	10/6/2009 5:31	13.56	50.66	33.20			8.9	2.37	78.6
556	10/6/2009 5:46	13.47	50.76	33.27			8.5	2.31	78.0
557	10/6/2009 6:01	13.40	50.69	33.22			8.2	2.23	77.6
558	10/6/2009 6:16	13.33	51.00	33.44			7.7	2.17	77.4
559	10/6/2009 6:31	13.43	50.81	33.31			7.0	2.12	76.5
560	10/6/2009 6:46	13.47	50.84	33.33			7.0	2.06	76.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
561	10/6/2009 7:01	13.63	50.96	33.43			6.3	2.05	76.7
562	10/6/2009 7:16	13.83	50.82	33.33			6.7	2.03	76.3
563	10/6/2009 7:31	13.72	51.05	33.49			6.4	2.04	75.9
564	10/6/2009 7:46	13.60	50.66	33.20			6.0	2.07	76.3
565	10/6/2009 8:01	13.73	50.77	33.29			6.5	2.10	76.8
566	10/6/2009 8:16	13.82	51.35	33.72			7.4	2.17	76.7
567	10/6/2009 8:31	13.80	50.68	33.23			7.9	2.23	78.0
568	10/6/2009 8:46	13.83	50.61	33.17			8.3	2.31	77.7
569	10/6/2009 9:01	13.81	50.70	33.24			8.5	2.38	79.1
570	10/6/2009 9:16	13.72	50.82	33.32			7.7	2.47	78.1
571	10/6/2009 9:31	13.70	50.62	33.18			7.8	2.54	78.4
572	10/6/2009 9:46	13.68	50.76	33.28			7.6	2.62	78.2
573	10/6/2009 10:01	13.62	50.93	33.40			7.3	2.70	78.5
574	10/6/2009 10:16	13.45	50.85	33.34			7.8	2.78	78.7
575	10/6/2009 10:31	13.38	50.61	33.16			7.9	2.87	79.5
576	10/6/2009 10:46	13.30	50.61	33.16			9.0	2.95	79.7
577	10/6/2009 11:01	12.98	50.66	33.18			10.5	3.05	78.7
578	10/6/2009 11:16	12.74	50.63	33.15			10.6	3.13	78.7
579	10/6/2009 11:31	12.55	50.81	33.27			10.7	3.22	78.0
580	10/6/2009 11:46	12.15	50.81	33.25			12.7	3.31	77.8
581	10/6/2009 12:01	11.63	50.74	33.17			11.2	3.39	77.5
582	10/6/2009 12:16	11.23	50.87	33.25			10.6	3.48	75.7
583	10/6/2009 12:31	11.02	50.68	33.10			9.6	3.55	75.2
584	10/6/2009 12:46	10.88	50.91	33.25			7.8	3.62	75.1
585	10/6/2009 13:01	10.82	50.86	33.22			4.9	3.68	73.7
586	10/6/2009 13:16	10.77	50.73	33.12			4.4	3.72	73.3
587	10/6/2009 13:31	10.75	50.95	33.28			3.6	3.75	72.9
588	10/6/2009 13:46	11.17	50.84	33.22			3.6	3.75	76.0
589	10/6/2009 14:01	10.93	50.79	33.17			4.2	3.74	73.2
590	10/6/2009 14:16	10.77	50.93	33.27			4.6	3.70	72.4
591	10/6/2009 14:31	10.75	50.89	33.24			8.0	3.62	73.1
592	10/6/2009 14:46	11.93	50.72	33.18			7.4	3.54	83.1
593	10/6/2009 15:01	12.27	50.81	33.25			9.1	3.45	86.6
594	10/6/2009 15:16	12.45	51.01	33.42			10.6	3.34	86.2
595	10/6/2009 15:31	12.71	50.92	33.36			11.3	3.22	85.5
596	10/6/2009 15:46	13.04	50.65	33.17			10.7	3.10	86.8
597	10/6/2009 16:01	13.42	50.72	33.24			12.5	2.99	86.1
598	10/6/2009 16:16	13.71	50.95	33.42			12.7	2.87	87.4
599	10/6/2009 16:31	13.73	50.76	33.28			12.6	2.75	87.5
600	10/6/2009 16:46	13.91	50.61	33.18			11.4	2.63	87.5
601	10/6/2009 17:01	14.09	50.75	33.29			12.8	2.49	90.0
602	10/6/2009 17:16	14.27	50.89	33.40			11.2	2.37	94.9
603	10/6/2009 17:31	14.30	50.74	33.29			12.0	2.24	91.5
604	10/6/2009 17:46	14.16	50.77	33.30			10.9	2.10	89.1
605	10/6/2009 18:01	14.11	50.66	33.22			11.5	1.97	86.0
606	10/6/2009 18:16	14.13	50.69	33.24			11.2	1.82	88.2
607	10/6/2009 18:31	14.16	50.69	33.24			10.0	1.68	87.3
608	10/6/2009 18:46	14.22	50.91	33.41			9.5	1.55	87.0
609	10/6/2009 19:01	14.31	50.71	33.26			9.7	1.44	85.4
610	10/6/2009 19:16	14.34	50.98	33.46			9.2	1.34	86.4
611	10/6/2009 19:31	14.39	50.95	33.44			9.0	1.26	85.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
612	10/6/2009 19:46	14.45	50.75	33.30			8.7	1.21	83.3
613	10/6/2009 20:01	14.47	51.00	33.48			8.4	1.19	84.4
614	10/6/2009 20:16	14.41	50.74	33.29			7.4	1.19	87.8
615	10/6/2009 20:31	14.36	51.01	33.49			7.0	1.22	87.5
616	10/6/2009 20:46	14.46	50.83	33.35			7.2	1.28	86.8
617	10/6/2009 21:01	14.69	50.63	33.21			7.9	1.35	87.2
618	10/6/2009 21:16	14.74	50.90	33.42			7.9	1.42	88.0
619	10/6/2009 21:31	14.67	51.06	33.53			7.5	1.50	89.1
620	10/6/2009 21:46	14.71	50.96	33.46			7.9	1.59	88.0
621	10/6/2009 22:01	14.69	50.78	33.33			8.4	1.67	87.2
622	10/6/2009 22:16	14.63	50.76	33.31			8.4	1.76	87.3
623	10/6/2009 22:31	14.46	50.85	33.37			7.8	1.85	89.2
624	10/6/2009 22:46	14.45	50.70	33.26			7.7	1.95	88.5
625	10/6/2009 23:01	14.48	50.92	33.42			8.0	2.04	88.2
626	10/6/2009 23:16	14.49	50.89	33.40			7.9	2.14	88.5
627	10/6/2009 23:31	14.54	50.77	33.31			8.3	2.24	88.3
628	10/6/2009 23:46	14.55	51.08	33.54			8.5	2.33	87.9
629	10/7/2009 0:01	14.45	50.81	33.34			8.1	2.42	87.2
630	10/7/2009 0:16	14.35	50.99	33.47			8.1	2.51	86.9
631	10/7/2009 0:31	14.19	50.70	33.25			8.7	2.60	86.6
632	10/7/2009 0:46	14.10	50.70	33.25			9.0	2.68	86.4
633	10/7/2009 1:01	13.94	50.75	33.28			9.0	2.76	86.9
634	10/7/2009 1:16	13.70	50.59	33.16			10.7	2.84	86.8
635	10/7/2009 1:31	13.41	50.82	33.31			10.1	2.91	86.6
636	10/7/2009 1:46	13.03	50.66	33.18			9.9	2.97	85.4
637	10/7/2009 2:01	12.72	50.88	33.33			9.5	3.05	84.7
638	10/7/2009 2:16	12.53	50.77	33.24			7.4	3.09	84.6
639	10/7/2009 2:31	12.46	50.89	33.33			7.0	3.13	83.5
640	10/7/2009 2:46	12.34	50.82	33.27			5.6	3.18	83.4
641	10/7/2009 3:01	12.41	50.88	33.32			4.6	3.20	82.8
642	10/7/2009 3:16	12.65	50.81	33.27			4.1	3.21	84.2
643	10/7/2009 3:31	12.36	50.99	33.39			5.0	3.20	81.9
644	10/7/2009 3:46	12.22	50.91	33.33			5.4	3.16	82.0
645	10/7/2009 4:01	12.44	50.88	33.32			9.1	3.11	82.8
646	10/7/2009 4:16	13.04	50.98	33.42			7.4	3.04	83.5
647	10/7/2009 4:31	13.11	50.78	33.28			7.4	2.97	82.9
648	10/7/2009 4:46	13.14	50.79	33.28			7.3	2.88	83.1
649	10/7/2009 5:01	13.23	50.97	33.41			8.1	2.80	84.4
650	10/7/2009 5:16	13.32	50.75	33.26			6.3	2.72	84.1
651	10/7/2009 5:31	13.48	50.96	33.41			5.7	2.65	82.9
652	10/7/2009 5:46	13.37	50.75	33.26			5.5	2.57	82.9
653	10/7/2009 6:01	13.62	50.76	33.28			6.1	2.51	84.4
654	10/7/2009 6:16	13.53	51.14	33.55			5.7	2.44	84.2
655	10/7/2009 6:31	13.37	50.80	33.29			5.4	2.38	83.5
656	10/7/2009 6:46	13.42	50.85	33.34			5.4	2.32	83.9
657	10/7/2009 7:01	13.35	51.00	33.44			5.5	2.28	95.1
658	10/7/2009 7:16	13.41	50.99	33.44			5.4	2.24	84.4
659	10/7/2009 7:31	13.53	50.79	33.30			5.4	2.21	84.9
660	10/7/2009 7:46	13.59	50.90	33.38			5.2	2.20	84.8
661	10/7/2009 8:01	13.62	51.03	33.48			5.4	2.19	84.3
662	10/7/2009 8:16	13.70	51.04	33.49			5.2	2.21	85.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
663	10/7/2009 8:31	13.68	50.79	33.30			5.3	2.23	86.6
664	10/7/2009 8:46	13.73	50.83	33.34			5.5	2.27	86.0
665	10/7/2009 9:01	13.83	50.99	33.45			5.7	2.33	87.0
666	10/7/2009 9:16	13.82	50.79	33.30			6.0	2.39	86.8
667	10/7/2009 9:31	13.80	50.73	33.26			6.5	2.47	87.6
668	10/7/2009 9:46	13.71	50.72	33.25			6.7	2.54	86.5
669	10/7/2009 10:01	13.62	51.03	33.47			6.3	2.62	86.1
670	10/7/2009 10:16	13.57	50.86	33.35			5.7	2.69	85.6
671	10/7/2009 10:31	13.47	50.99	33.44			6.0	2.76	86.1
672	10/7/2009 10:46	13.10	50.77	33.27			6.2	2.84	86.7
673	10/7/2009 11:01	13.03	50.90	33.36			6.3	2.92	86.6
674	10/7/2009 11:16	12.97	50.83	33.30			6.5	3.00	85.7
675	10/7/2009 11:31	12.64	50.71	33.20			7.4	3.08	84.9
676	10/7/2009 11:46	12.39	50.67	33.16			7.5	3.17	84.2
677	10/7/2009 12:01	12.16	50.92	33.33			7.8	3.26	82.4
678	10/7/2009 12:16	11.92	50.90	33.31			8.4	3.34	82.2
679	10/7/2009 12:31	11.54	51.24	33.53			8.5	3.43	80.1
680	10/7/2009 12:46	11.16	51.20	33.49			7.5	3.51	77.0
681	10/7/2009 13:01	11.15	50.77	33.17			7.0	3.59	79.4
682	10/7/2009 13:16	10.86	50.89	33.24			6.7	3.65	75.9
683	10/7/2009 13:31	10.79	50.74	33.13			5.1	3.71	75.0
684	10/7/2009 13:46	10.73	51.06	33.36			4.0	3.75	74.0
685	10/7/2009 14:01	10.73	50.78	33.16			2.9	3.77	73.0
686	10/7/2009 14:16	11.13	50.76	33.16			3.2	3.78	76.8
687	10/7/2009 14:31	10.78	50.78	33.16			3.7	3.77	73.1
688	10/7/2009 14:46	10.72	50.72	33.11			4.4	3.72	71.8
689	10/7/2009 15:01	10.73	51.01	33.32			6.0	3.66	72.7
690	10/7/2009 15:16	11.33	50.64	33.09			5.7	3.60	80.3
691	10/7/2009 15:31	12.01	51.20	33.53			6.9	3.50	87.5
692	10/7/2009 15:46	12.17	50.98	33.38			8.3	3.39	89.9
693	10/7/2009 16:01	12.39	50.84	33.29			7.7	3.30	90.6
694	10/7/2009 16:16	12.56	50.83	33.29			8.1	3.19	89.3
695	10/7/2009 16:31	12.87	50.73	33.23			8.9	3.08	92.4
696	10/7/2009 16:46	13.27	51.06	33.49			8.4	2.95	95.2
697	10/7/2009 17:01	13.48	50.77	33.28			8.3	2.84	98.3
698	10/7/2009 17:16	13.68	50.87	33.36			8.2	2.73	100.0
699	10/7/2009 17:31	13.96	50.66	33.22			8.8	2.61	104.6
700	10/7/2009 17:46	14.10	50.68	33.24			9.7	2.47	106.2
701	10/7/2009 18:01	14.15	50.70	33.25			8.4	2.35	106.5
702	10/7/2009 18:16	14.03	50.97	33.45			8.2	2.22	104.5
703	10/7/2009 18:31	13.79	50.87	33.37			7.4	2.09	104.0
704	10/7/2009 18:46	13.61	50.71	33.24			7.6	1.95	102.6
705	10/7/2009 19:01	13.61	50.84	33.34			8.1	1.82	101.2
706	10/7/2009 19:16	13.79	50.69	33.23			7.3	1.68	99.8
707	10/7/2009 19:31	13.91	50.75	33.28			7.6	1.56	98.0
708	10/7/2009 19:46	13.97	50.96	33.44			7.6	1.44	98.8
709	10/7/2009 20:01	14.08	50.78	33.30			8.0	1.35	98.9
710	10/7/2009 20:16	14.21	50.87	33.38			7.2	1.27	98.8
711	10/7/2009 20:31	14.29	50.93	33.42			7.7	1.21	99.0
712	10/7/2009 20:46	14.39	50.79	33.32			6.8	1.19	98.6
713	10/7/2009 21:01	14.18	50.74	33.28			6.3	1.19	97.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
714	10/7/2009 21:16	14.22	50.80	33.33			6.2	1.23	98.5
715	10/7/2009 21:31	14.48	50.87	33.39			6.3	1.27	99.9
716	10/7/2009 21:46	14.57	50.90	33.41			6.7	1.34	100.5
717	10/7/2009 22:01	14.67	51.00	33.48			6.8	1.42	100.6
718	10/7/2009 22:16	14.64	51.02	33.50			6.7	1.48	100.8
719	10/7/2009 22:31	14.61	50.74	33.29			6.7	1.56	102.2
720	10/7/2009 22:46	14.61	51.09	33.55			7.1	1.64	100.7
721	10/7/2009 23:01	14.60	50.80	33.34			7.1	1.72	100.9
722	10/7/2009 23:16	14.51	51.08	33.54			7.1	1.79	100.7
723	10/7/2009 23:31	14.45	50.86	33.38			7.1	1.89	100.1
724	10/7/2009 23:46	14.41	50.86	33.38			6.8	1.96	100.2
725	10/8/2009 0:01	14.42	50.75	33.30			6.7	2.07	100.0
726	10/8/2009 0:16	14.44	50.76	33.30			6.9	2.17	101.0
727	10/8/2009 0:31	14.46	50.76	33.30			6.7	2.25	100.3
728	10/8/2009 0:46	14.44	50.88	33.39			6.6	2.35	100.2
729	10/8/2009 1:01	14.39	50.96	33.45			6.2	2.43	98.8
730	10/8/2009 1:16	14.26	51.05	33.51			6.5	2.53	98.9
731	10/8/2009 1:31	14.08	50.89	33.39			6.5	2.60	97.3
732	10/8/2009 1:46	13.95	50.94	33.42			5.9	2.67	98.1
733	10/8/2009 2:01	13.86	50.90	33.39			6.3	2.76	96.7
734	10/8/2009 2:16	13.72	50.80	33.31			6.5	2.82	95.1
735	10/8/2009 2:31	13.62	51.09	33.52			7.1	2.87	94.9
736	10/8/2009 2:46	13.16	50.79	33.28			6.2	2.94	91.5
737	10/8/2009 3:01	12.88	50.86	33.32			6.3	2.99	91.9
738	10/8/2009 3:16	12.74	50.90	33.34			5.4	3.04	90.5
739	10/8/2009 3:31	12.60	51.36	33.67			4.8	3.06	89.8
740	10/8/2009 3:46	12.46	50.96	33.38			3.8	3.10	88.5
741	10/8/2009 4:01	12.45	51.09	33.47			3.8	3.12	87.3
742	10/8/2009 4:16	12.56	50.72	33.21			4.3	3.12	87.7
743	10/8/2009 4:31	12.50	50.81	33.27			4.2	3.09	87.2
744	10/8/2009 4:46	12.54	50.66	33.16			5.1	3.05	87.9
745	10/8/2009 5:01	12.85	51.03	33.45			5.1	3.02	89.6
746	10/8/2009 5:16	13.43	50.82	33.32			5.7	2.95	89.2
747	10/8/2009 5:31	13.62	51.16	33.57			6.4	2.87	87.7
748	10/8/2009 5:46	13.63	50.81	33.32			6.2	2.81	86.0
749	10/8/2009 6:01	13.60	50.77	33.28			5.6	2.75	87.7
750	10/8/2009 6:16	13.65	50.79	33.30			5.2	2.69	88.8
751	10/8/2009 6:31	13.66	51.10	33.52			5.2	2.60	87.0
752	10/8/2009 6:46	13.69	50.94	33.41			5.0	2.54	88.1
753	10/8/2009 7:01	13.74	50.71	33.25			4.8	2.52	87.6
754	10/8/2009 7:16	13.83	50.70	33.24			4.8	2.45	88.4
755	10/8/2009 7:31	13.78	50.81	33.32			4.9	2.40	90.5
756	10/8/2009 7:46	13.79	51.24	33.63			4.9	2.37	89.9
757	10/8/2009 8:01	13.84	50.85	33.35			4.7	2.36	90.0
758	10/8/2009 8:16	13.90	50.91	33.40			4.6	2.32	91.2
759	10/8/2009 8:31	13.95	51.00	33.46			4.6	2.32	91.7
760	10/8/2009 8:46	13.96	50.76	33.29			4.2	2.33	89.8
761	10/8/2009 9:01	13.87	50.91	33.39			4.2	2.36	90.8
762	10/8/2009 9:16	13.94	50.77	33.30			4.3	2.38	91.4
763	10/8/2009 9:31	14.05	50.72	33.26			4.3	2.42	92.8
764	10/8/2009 9:46	14.06	51.09	33.53			4.6	2.47	93.1

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
765	10/8/2009 10:01	14.02	51.14	33.57			4.6	2.53	94.2
766	10/8/2009 10:16	13.96	50.75	33.28			5.1	2.59	94.0
767	10/8/2009 10:31	13.86	50.82	33.33			4.7	2.66	91.8
768	10/8/2009 10:46	13.72	50.68	33.22			4.8	2.73	91.0
769	10/8/2009 11:01	13.63	50.83	33.33			4.8	2.80	91.2
770	10/8/2009 11:16	13.43	51.14	33.55			5.0	2.88	91.6
771	10/8/2009 11:31	13.16	50.82	33.31			4.9	2.95	90.3
772	10/8/2009 11:46	12.93	50.85	33.32			5.1	3.02	89.8
773	10/8/2009 12:01	12.74	50.78	33.25			5.0	3.10	89.7
774	10/8/2009 12:16	12.59	50.90	33.34			5.1	3.17	89.6
775	10/8/2009 12:31	12.38	50.88	33.32			5.2	3.26	89.0
776	10/8/2009 12:46	12.07	50.79	33.23			5.4	3.33	87.4
777	10/8/2009 13:01	12.02	50.85	33.28			5.7	3.42	86.1
778	10/8/2009 13:16	11.65	50.94	33.32			5.6	3.49	86.2
779	10/8/2009 13:31	11.45	50.98	33.34			5.9	3.56	86.6
780	10/8/2009 13:46	11.24	51.03	33.37			5.1	3.62	86.0
781	10/8/2009 14:01	11.18	50.87	33.25			4.9	3.68	85.9
782	10/8/2009 14:16	11.14	50.64	33.07			4.2	3.73	84.8
783	10/8/2009 14:31	10.96	50.88	33.24			3.5	3.76	86.0
784	10/8/2009 14:46	11.08	50.69	33.11			2.2	3.78	85.9
785	10/8/2009 15:01	11.28	51.00	33.35			3.2	3.77	85.8
786	10/8/2009 15:16	10.99	50.96	33.30			2.9	3.76	83.9
787	10/8/2009 15:31	11.01	50.83	33.21			3.2	3.72	84.1
788	10/8/2009 15:46	11.03	51.11	33.41			4.3	3.65	84.8
789	10/8/2009 16:01	11.87	50.68	33.14			4.5	3.57	92.0
790	10/8/2009 16:16	12.16	50.86	33.29			4.0	3.50	96.4
791	10/8/2009 16:31	12.29	50.73	33.20			4.6	3.40	98.3
792	10/8/2009 16:46	12.54	51.01	33.42			5.3	3.30	98.0
793	10/8/2009 17:01	12.71	51.16	33.53			5.7	3.20	97.9
794	10/8/2009 17:16	12.92	51.19	33.56			5.9	3.09	96.7
795	10/8/2009 17:31	13.27	51.14	33.54			5.9	2.99	103.4
796	10/8/2009 17:46	13.53	51.30	33.67			7.5	2.87	102.2
797	10/8/2009 18:01	13.45	51.21	33.60			6.8	2.76	99.4
798	10/8/2009 18:16	13.66	50.96	33.42			6.8	2.64	103.6
799	10/8/2009 18:31	13.89	50.76	33.29			7.1	2.53	106.1
800	10/8/2009 18:46	13.86	50.79	33.31			6.5	2.40	104.9
801	10/8/2009 19:01	13.85	50.96	33.43			6.2	2.28	103.1
802	10/8/2009 19:16	13.71	51.06	33.50			6.4	2.14	101.2
803	10/8/2009 19:31	13.63	50.68	33.22			7.3	2.02	97.9
804	10/8/2009 19:46	13.59	50.93	33.40			7.3	1.88	96.1
805	10/8/2009 20:01	13.76	50.99	33.45			7.0	1.75	96.3
806	10/8/2009 20:16	13.82	50.71	33.25			6.4	1.64	96.6
807	10/8/2009 20:31	14.00	50.79	33.31			6.7	1.53	98.8
808	10/8/2009 20:46	14.08	51.11	33.55			6.2	1.44	98.1
809	10/8/2009 21:01	14.14	50.97	33.44			6.4	1.35	97.9
810	10/8/2009 21:16	14.24	51.01	33.48			5.9	1.31	99.1
811	10/8/2009 21:31	14.24	50.87	33.38			5.8	1.26	98.2
812	10/8/2009 21:46	14.26	50.83	33.35			4.9	1.27	97.6
813	10/8/2009 22:01	14.26	50.73	33.28			5.1	1.28	97.2
814	10/8/2009 22:16	14.32	50.77	33.31			5.0	1.32	99.4
815	10/8/2009 22:31	14.43	50.77	33.31			5.2	1.39	99.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
816	10/8/2009 22:46	14.53	50.95	33.45			5.4	1.45	100.1
817	10/8/2009 23:01	14.52	50.87	33.39			5.3	1.51	99.7
818	10/8/2009 23:16	14.49	50.96	33.45			5.3	1.59	100.7
819	10/8/2009 23:31	14.47	50.96	33.45			5.6	1.65	98.5
820	10/8/2009 23:46	14.46	50.70	33.26			6.6	1.73	98.1
821	10/9/2009 0:01	14.43	50.92	33.42			6.3	1.79	97.7
822	10/9/2009 0:16	14.36	51.24	33.65			6.8	1.89	98.2
823	10/9/2009 0:31	14.32	50.94	33.43			6.3	1.96	98.5
824	10/9/2009 0:46	14.29	51.07	33.53			6.0	2.03	97.7
825	10/9/2009 1:01	14.28	50.74	33.29			5.7	2.14	98.4
826	10/9/2009 1:16	14.28	51.12	33.56			5.7	2.21	97.7
827	10/9/2009 1:31	14.24	51.22	33.63			5.9	2.31	97.8
828	10/9/2009 1:46	14.18	50.76	33.30			5.5	2.39	98.0
829	10/9/2009 2:01	14.11	50.91	33.40			5.6	2.48	98.0
830	10/9/2009 2:16	14.05	50.76	33.29			5.5	2.56	97.8
831	10/9/2009 2:31	13.93	50.71	33.25			5.1	2.63	97.7
832	10/9/2009 2:46	13.77	51.01	33.46			5.2	2.70	96.8
833	10/9/2009 3:01	13.66	50.77	33.29			4.9	2.76	95.7
834	10/9/2009 3:16	13.61	50.72	33.25			5.0	2.83	96.7
835	10/9/2009 3:31	13.39	50.69	33.22			5.3	2.88	96.1
836	10/9/2009 3:46	13.13	50.86	33.33			5.7	2.93	94.4
837	10/9/2009 4:01	12.94	50.80	33.28			4.9	2.97	93.5
838	10/9/2009 4:16	12.72	50.82	33.28			4.8	3.03	93.2
839	10/9/2009 4:31	12.58	50.72	33.21			3.8	3.06	91.8
840	10/9/2009 4:46	12.55	50.68	33.18			3.4	3.07	90.2
841	10/9/2009 5:01	12.48	51.18	33.54			2.9	3.10	89.8
842	10/9/2009 5:16	12.53	50.90	33.33			3.1	3.10	88.9
843	10/9/2009 5:31	12.50	50.92	33.35			3.9	3.07	89.1
844	10/9/2009 5:46	12.52	51.05	33.45			3.5	3.04	89.6
845	10/9/2009 6:01	12.75	50.67	33.18			3.8	3.00	89.8
846	10/9/2009 6:16	13.32	51.21	33.60			4.7	2.96	88.2
847	10/9/2009 6:31	13.45	51.24	33.62			4.9	2.89	87.5
848	10/9/2009 6:46	13.48	50.93	33.40			5.1	2.83	85.1
849	10/9/2009 7:01	13.48	51.05	33.49			4.9	2.76	86.8
850	10/9/2009 7:16	13.46	50.84	33.33			5.4	2.70	85.9
851	10/9/2009 7:31	13.58	51.09	33.51			4.3	2.66	87.3
852	10/9/2009 7:46	13.66	50.88	33.36			4.3	2.60	88.2
853	10/9/2009 8:01	13.59	50.71	33.24			4.4	2.57	86.7
854	10/9/2009 8:16	13.58	50.86	33.35			4.3	2.54	88.2
855	10/9/2009 8:31	13.65	50.92	33.39			4.0	2.51	88.6
856	10/9/2009 8:46	13.66	50.95	33.42			4.0	2.48	90.6
857	10/9/2009 9:01	13.75	50.99	33.45			4.2	2.46	90.2
858	10/9/2009 9:16	13.78	50.79	33.31			3.9	2.46	90.5
859	10/9/2009 9:31	13.74	50.94	33.42			3.6	2.47	89.5
860	10/9/2009 9:46	13.80	51.09	33.52			3.7	2.48	90.3
861	10/9/2009 10:01	13.82	50.79	33.31			3.6	2.50	91.4
862	10/9/2009 10:16	13.85	50.91	33.40			4.0	2.54	91.6
863	10/9/2009 10:31	13.85	51.11	33.54			4.2	2.57	93.0
864	10/9/2009 10:46	13.80	50.98	33.44			4.1	2.63	93.2
865	10/9/2009 11:01	13.75	51.04	33.49			4.2	2.67	93.4
866	10/9/2009 11:16	13.66	50.95	33.42			3.9	2.73	95.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
867	10/9/2009 11:31	13.57	50.89	33.37			4.1	2.79	93.0
868	10/9/2009 11:46	13.43	50.70	33.23			3.8	2.85	91.2
869	10/9/2009 12:01	13.24	51.02	33.45			4.3	2.91	91.4
870	10/9/2009 12:16	12.84	50.70	33.20			4.8	2.97	91.4
871	10/9/2009 12:31	12.63	51.02	33.43			4.0	3.04	91.4
872	10/9/2009 12:46	12.55	50.95	33.37			4.0	3.11	91.2
873	10/9/2009 13:01	12.39	50.94	33.36			4.0	3.18	90.7
874	10/9/2009 13:16	12.26	50.75	33.21			4.0	3.26	90.7
875	10/9/2009 13:31	12.03	50.74	33.20			4.1	3.33	89.9
876	10/9/2009 13:46	11.83	51.11	33.46			4.0	3.39	89.4
877	10/9/2009 14:01	11.76	50.93	33.32			4.0	3.46	88.8
878	10/9/2009 14:16	11.48	51.03	33.38			3.8	3.52	89.3
879	10/9/2009 14:31	11.39	51.30	33.57			3.7	3.58	87.3
880	10/9/2009 14:46	11.28	50.84	33.23			3.6	3.63	88.8
881	10/9/2009 15:01	11.19	50.85	33.23			3.2	3.66	89.1
882	10/9/2009 15:16	11.22	51.04	33.37			2.3	3.69	88.2
883	10/9/2009 15:31	11.34	50.62	33.08			2.6	3.70	89.7
884	10/9/2009 15:46	11.43	50.73	33.16			2.8	3.71	88.0
885	10/9/2009 16:01	11.23	50.88	33.26			2.6	3.68	88.5
886	10/9/2009 16:16	11.22	50.87	33.24			2.0	3.65	88.7
887	10/9/2009 16:31	11.23	50.82	33.21			2.7	3.61	88.4
888	10/9/2009 16:46	11.50	50.76	33.18			3.0	3.54	90.1
889	10/9/2009 17:01	12.34	51.10	33.48			3.2	3.47	100.8
890	10/9/2009 17:16	12.43	50.68	33.17			3.4	3.39	100.5
891	10/9/2009 17:31	12.49	50.91	33.34			4.6	3.29	100.9
892	10/9/2009 17:46	12.71	50.81	33.28			5.0	3.20	100.7
893	10/9/2009 18:01	12.91	50.98	33.41			4.6	3.11	102.0
894	10/9/2009 18:16	13.17	50.97	33.41			5.2	3.00	103.6
895	10/9/2009 18:31	13.51	50.78	33.29			5.7	2.90	106.0
896	10/9/2009 18:46	13.71	50.76	33.28			6.0	2.80	111.1
897	10/9/2009 19:01	13.82	50.91	33.39			5.4	2.70	109.9
898	10/9/2009 19:16	13.79	50.80	33.32			6.2	2.58	108.1
899	10/9/2009 19:31	13.97	50.77	33.29			6.2	2.47	112.9
900	10/9/2009 19:46	14.02	50.95	33.43			6.2	2.36	112.2
901	10/9/2009 20:01	13.92	50.74	33.27			5.3	2.24	110.4
902	10/9/2009 20:16	13.81	50.77	33.29			5.9	2.12	106.0
903	10/9/2009 20:31	13.60	51.03	33.47			6.5	1.99	102.5
904	10/9/2009 20:46	13.61	50.86	33.35			6.1	1.88	101.4
905	10/9/2009 21:01	13.70	50.85	33.34			5.7	1.77	100.7
906	10/9/2009 21:16	13.75	50.81	33.32			5.6	1.65	99.7
907	10/9/2009 21:31	13.90	51.25	33.64			5.5	1.57	100.9
908	10/9/2009 21:46	14.05	51.01	33.47			4.9	1.49	101.5
909	10/9/2009 22:01	14.10	51.15	33.58			5.1	1.43	100.9
910	10/9/2009 22:16	14.28	50.78	33.31			5.4	1.38	103.3
911	10/9/2009 22:31	14.41	50.94	33.43			4.9	1.36	104.3
912	10/9/2009 22:46	14.36	50.85	33.37			4.1	1.38	105.2
913	10/9/2009 23:01	14.39	50.99	33.47			4.3	1.38	103.7
914	10/9/2009 23:16	14.37	51.29	33.69			4.3	1.40	103.6
915	10/9/2009 23:31	14.48	50.84	33.37			4.1	1.44	103.4
916	10/9/2009 23:46	14.48	50.93	33.43			4.3	1.52	104.7
917	10/10/2009 0:01	14.55	50.78	33.32			4.6	1.56	105.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
918	10/10/2009 0:16	14.50	50.77	33.31			4.4	1.62	105.6
919	10/10/2009 0:31	14.50	50.91	33.42			5.0	1.70	104.1
920	10/10/2009 0:46	14.55	50.83	33.36			5.9	1.76	101.1
921	10/10/2009 1:01	14.55	50.87	33.38			5.6	1.82	104.0
922	10/10/2009 1:16	14.45	50.84	33.36			5.1	1.90	101.8
923	10/10/2009 1:31	14.35	50.89	33.40			4.8	1.98	103.2
924	10/10/2009 1:46	14.28	50.71	33.26			4.8	2.06	101.7
925	10/10/2009 2:01	14.29	50.87	33.38			4.6	2.14	102.8
926	10/10/2009 2:16	14.25	50.94	33.43			4.5	2.22	104.4
927	10/10/2009 2:31	14.13	50.78	33.31			4.5	2.31	103.2
928	10/10/2009 2:46	14.05	50.98	33.45			4.5	2.37	102.0
929	10/10/2009 3:01	14.04	50.71	33.25			5.0	2.45	101.8
930	10/10/2009 3:16	14.01	51.14	33.57			4.7	2.52	101.6
931	10/10/2009 3:31	13.92	51.11	33.54			4.9	2.59	100.8
932	10/10/2009 3:46	13.69	50.82	33.32			4.7	2.66	101.2
933	10/10/2009 4:01	13.62	50.83	33.33			4.3	2.72	100.2
934	10/10/2009 4:16	13.52	50.98	33.43			4.2	2.77	100.8
935	10/10/2009 4:31	13.41	50.98	33.43			4.2	2.84	98.1
936	10/10/2009 4:46	13.15	50.81	33.29			4.3	2.88	97.8
937	10/10/2009 5:01	12.93	50.77	33.26			4.3	2.93	97.5
938	10/10/2009 5:16	12.74	50.73	33.22			3.9	2.97	96.8
939	10/10/2009 5:31	12.59	51.02	33.42			3.2	3.01	96.1
940	10/10/2009 5:46	12.54	50.78	33.25			3.2	3.04	94.9
941	10/10/2009 6:01	12.55	50.85	33.30			3.8	3.06	93.6
942	10/10/2009 6:16	12.67	50.63	33.15			2.7	3.06	95.0
943	10/10/2009 6:31	12.55	50.73	33.21			3.5	3.06	93.3
944	10/10/2009 6:46	12.48	50.84	33.29			3.2	3.03	92.5
945	10/10/2009 7:01	12.63	50.69	33.19			3.2	3.00	93.9
946	10/10/2009 7:16	12.99	50.75	33.25			3.4	2.96	92.6
947	10/10/2009 7:31	13.15	51.15	33.54			4.0	2.91	91.2
948	10/10/2009 7:46	13.11	50.88	33.34			4.6	2.86	90.4
949	10/10/2009 8:01	13.02	50.98	33.42			4.4	2.81	89.5
950	10/10/2009 8:16	13.12	50.83	33.31			3.8	2.76	89.4
951	10/10/2009 8:31	13.13	50.85	33.33			4.0	2.71	88.7
952	10/10/2009 8:46	13.17	50.93	33.39			3.8	2.67	89.0
953	10/10/2009 9:01	13.15	50.84	33.32			3.6	2.63	90.9
954	10/10/2009 9:16	13.30	50.95	33.41			3.5	2.60	92.1
955	10/10/2009 9:31	13.33	50.77	33.28			3.4	2.58	93.8
956	10/10/2009 9:46	13.42	50.75	33.26			3.2	2.56	94.0
957	10/10/2009 10:01	13.53	50.89	33.37			3.5	2.55	98.4
958	10/10/2009 10:16	13.62	50.88	33.37			3.0	2.55	95.0
959	10/10/2009 10:31	13.63	50.88	33.37			2.9	2.55	95.1
960	10/10/2009 10:46	13.63	51.04	33.49			3.0	2.55	96.1
961	10/10/2009 11:01	13.64	50.87	33.36			3.2	2.57	96.1
962	10/10/2009 11:16	13.60	50.89	33.37			3.1	2.60	94.0
963	10/10/2009 11:31	13.55	51.04	33.48			3.4	2.63	98.5
964	10/10/2009 11:46	13.54	50.84	33.34			3.3	2.66	96.4
965	10/10/2009 12:01	13.50	50.89	33.36			3.6	2.72	94.4
966	10/10/2009 12:16	13.41	50.80	33.30			3.7	2.77	94.8
967	10/10/2009 12:31	13.34	50.88	33.36			3.4	2.82	96.7
968	10/10/2009 12:46	13.24	50.91	33.38			3.5	2.87	95.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
969	10/10/2009 13:01	13.03	51.05	33.47			3.5	2.93	94.9
970	10/10/2009 13:16	12.88	51.11	33.50			3.8	2.99	95.4
971	10/10/2009 13:31	12.49	50.75	33.23			3.2	3.04	95.5
972	10/10/2009 13:46	12.41	50.80	33.26			2.8	3.09	95.0
973	10/10/2009 14:01	12.31	50.78	33.24			3.0	3.16	96.4
974	10/10/2009 14:16	12.23	50.76	33.22			2.8	3.22	96.7
975	10/10/2009 14:31	12.16	50.84	33.27			2.8	3.27	97.0
976	10/10/2009 14:46	11.95	50.69	33.15			2.6	3.33	96.6
977	10/10/2009 15:01	11.81	50.81	33.24			2.6	3.39	98.8
978	10/10/2009 15:16	11.71	50.90	33.30			2.6	3.45	98.6
979	10/10/2009 15:31	11.61	51.10	33.44			2.3	3.49	97.5
980	10/10/2009 15:46	11.62	50.64	33.11			2.3	3.53	97.4
981	10/10/2009 16:01	11.47	50.67	33.12			2.1	3.57	98.2
982	10/10/2009 16:16	11.43	50.68	33.12			2.1	3.59	99.2
983	10/10/2009 16:31	11.55	50.85	33.25			2.4	3.60	98.2
984	10/10/2009 16:46	11.61	50.71	33.15			1.8	3.61	96.6
985	10/10/2009 17:01	11.60	50.66	33.11			1.8	3.60	97.5
986	10/10/2009 17:16	11.52	50.82	33.23			2.0	3.55	97.0
987	10/10/2009 17:31	11.57	51.07	33.41			2.1	3.51	97.8
988	10/10/2009 17:46	11.69	50.83	33.24			2.3	3.47	98.2
989	10/10/2009 18:01	11.90	50.72	33.17			2.7	3.39	98.9
990	10/10/2009 18:16	12.11	51.16	33.51			3.5	3.32	101.4
991	10/10/2009 18:31	12.52	51.00	33.41			3.7	3.24	104.3
992	10/10/2009 18:46	12.80	50.66	33.17			3.1	3.16	109.9
993	10/10/2009 19:01	12.80	50.87	33.33			3.2	3.06	110.0
994	10/10/2009 19:16	12.84	50.65	33.17			3.0	2.96	109.9
995	10/10/2009 19:31	13.14	50.67	33.19			3.1	2.88	112.1
996	10/10/2009 19:46	13.21	51.00	33.44			3.2	2.79	113.3
997	10/10/2009 20:01	13.44	50.71	33.23			3.8	2.68	114.6
998	10/10/2009 20:16	13.57	50.94	33.41			4.4	2.57	112.4
999	10/10/2009 20:31	13.61	51.06	33.50			4.0	2.48	114.1
1000	10/10/2009 20:46	13.73	51.20	33.60			4.8	2.36	116.9
1001	10/10/2009 21:01	13.60	51.01	33.46			4.3	2.26	118.4
1002	10/10/2009 21:16	13.60	50.71	33.24			4.6	2.15	112.8
1003	10/10/2009 21:31	13.45	51.13	33.54			5.1	2.04	108.1
1004	10/10/2009 21:46	13.46	50.89	33.37			5.9	1.92	104.7
1005	10/10/2009 22:01	13.49	51.13	33.54			5.4	1.81	103.4
1006	10/10/2009 22:16	13.50	50.90	33.37			4.8	1.71	102.1
1007	10/10/2009 22:31	13.58	50.88	33.36			4.8	1.62	103.8
1008	10/10/2009 22:46	13.72	50.83	33.33			4.5	1.56	103.4
1009	10/10/2009 23:01	13.78	50.78	33.30			4.1	1.50	102.8
1010	10/10/2009 23:16	13.94	51.11	33.55			4.2	1.43	103.9
1011	10/10/2009 23:31	14.01	50.98	33.45			4.2	1.42	104.3
1012	10/10/2009 23:46	14.03	50.95	33.43			3.7	1.43	105.0
1013	10/11/2009 0:01	13.98	50.81	33.32			3.3	1.40	105.3
1014	10/11/2009 0:16	14.17	51.00	33.47			3.5	1.43	105.9
1015	10/11/2009 0:31	14.15	50.83	33.34			3.6	1.48	106.5
1016	10/11/2009 0:46	14.19	50.90	33.40			3.5	1.51	107.8
1017	10/11/2009 1:01	14.19	50.83	33.34			3.7	1.57	107.8
1018	10/11/2009 1:16	14.21	50.84	33.36			3.8	1.64	108.8
1019	10/11/2009 1:31	14.15	51.12	33.56			4.0	1.70	108.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1020	10/11/2009 1:46	14.22	50.77	33.31			4.9	1.76	105.6
1021	10/11/2009 2:01	14.25	50.84	33.35			5.2	1.83	105.1
1022	10/11/2009 2:16	14.20	50.73	33.27			4.6	1.91	105.6
1023	10/11/2009 2:31	14.14	51.01	33.48			4.5	1.98	106.0
1024	10/11/2009 2:46	14.05	50.72	33.26			4.2	2.05	105.9
1025	10/11/2009 3:01	14.04	51.17	33.59			4.0	2.12	106.0
1026	10/11/2009 3:16	14.04	51.17	33.59			4.3	2.20	106.4
1027	10/11/2009 3:31	13.94	51.14	33.57			4.0	2.27	106.4
1028	10/11/2009 3:46	13.85	50.91	33.40			4.2	2.34	104.9
1029	10/11/2009 4:01	13.80	50.90	33.38			4.2	2.42	103.6
1030	10/11/2009 4:16	13.76	50.86	33.35			4.5	2.50	103.3
1031	10/11/2009 4:31	13.66	50.94	33.41			4.2	2.56	103.1
1032	10/11/2009 4:46	13.56	50.83	33.33			4.2	2.63	103.2
1033	10/11/2009 5:01	13.40	50.93	33.40			4.0	2.70	102.3
1034	10/11/2009 5:16	13.30	50.89	33.36			4.1	2.77	102.6
1035	10/11/2009 5:31	13.24	51.05	33.48			3.7	2.83	102.1
1036	10/11/2009 5:46	13.09	50.74	33.25			3.9	2.89	99.1
1037	10/11/2009 6:01	12.84	50.73	33.22			4.0	2.94	100.2
1038	10/11/2009 6:16	12.69	50.94	33.37			3.8	2.98	100.2
1039	10/11/2009 6:31	12.50	50.76	33.23			3.2	3.03	99.2
1040	10/11/2009 6:46	12.41	50.83	33.28			3.1	3.06	98.1
1041	10/11/2009 7:01	12.30	50.74	33.21			3.0	3.10	99.4
1042	10/11/2009 7:16	12.37	50.90	33.33			2.3	3.10	98.6
1043	10/11/2009 7:31	12.50	50.82	33.28			2.8	3.10	97.5
1044	10/11/2009 7:46	12.46	50.71	33.20			3.1	3.11	96.8
1045	10/11/2009 8:01	12.39	51.01	33.41			2.8	3.08	96.5
1046	10/11/2009 8:16	12.53	50.69	33.18			3.3	3.03	98.2
1047	10/11/2009 8:31	12.84	50.76	33.25			3.1	3.00	97.4
1048	10/11/2009 8:46	13.02	50.85	33.32			3.0	2.95	95.1
1049	10/11/2009 9:01	13.16	51.05	33.47			3.0	2.90	97.0
1050	10/11/2009 9:16	13.16	51.08	33.50			4.7	2.84	92.0
1051	10/11/2009 9:31	13.12	50.84	33.32			3.4	2.78	93.9
1052	10/11/2009 9:46	13.12	50.81	33.29			3.4	2.75	97.1
1053	10/11/2009 10:01	13.18	50.82	33.30			3.2	2.70	93.7
1054	10/11/2009 10:16	13.16	50.94	33.39			3.2	2.66	92.8
1055	10/11/2009 10:31	13.22	50.86	33.33			3.3	2.63	96.9
1056	10/11/2009 10:46	13.27	50.84	33.32			3.0	2.62	95.2
1057	10/11/2009 11:01	13.33	50.88	33.35			2.9	2.58	96.4
1058	10/11/2009 11:16	13.40	50.85	33.33			2.9	2.55	97.3
1059	10/11/2009 11:31	13.45	50.79	33.29			3.2	2.56	98.3
1060	10/11/2009 11:46	13.42	50.92	33.39			2.5	2.55	97.9
1061	10/11/2009 12:01	13.52	50.96	33.42			2.7	2.56	98.4
1062	10/11/2009 12:16	13.53	50.92	33.39			2.7	2.56	100.0
1063	10/11/2009 12:31	13.45	50.75	33.26			2.8	2.58	99.0
1064	10/11/2009 12:46	13.45	50.88	33.36			2.9	2.62	92.7
1065	10/11/2009 13:01	13.41	50.97	33.42			3.1	2.63	111.5
1066	10/11/2009 13:16	13.36	50.88	33.36			2.9	2.66	99.6
1067	10/11/2009 13:31	13.31	50.80	33.29			2.8	2.72	98.0
1068	10/11/2009 13:46	13.27	50.85	33.33			3.1	2.76	98.4
1069	10/11/2009 14:01	13.17	50.84	33.32			3.3	2.80	101.0
1070	10/11/2009 14:16	13.11	50.80	33.28			2.9	2.85	100.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1071	10/11/2009 14:31	13.10	51.25	33.61			3.0	2.91	100.5
1072	10/11/2009 14:46	13.00	50.72	33.22			3.2	2.96	101.2
1073	10/11/2009 15:01	12.71	50.73	33.22			2.7	3.01	106.7
1074	10/11/2009 15:16	12.55	50.65	33.16			2.4	3.07	105.3
1075	10/11/2009 15:31	12.50	50.68	33.18			2.4	3.13	105.8
1076	10/11/2009 15:46	12.32	50.77	33.23			2.3	3.19	98.0
1077	10/11/2009 16:01	12.19	50.75	33.21			2.3	3.23	100.5
1078	10/11/2009 16:16	12.03	50.74	33.19			2.4	3.29	98.7
1079	10/11/2009 16:31	11.94	50.73	33.19			2.4	3.34	98.4
1080	10/11/2009 16:46	11.83	50.84	33.26			2.2	3.38	98.8
1081	10/11/2009 17:01	11.71	50.78	33.21			1.9	3.42	98.9
1082	10/11/2009 17:16	11.68	50.89	33.29			1.8	3.45	97.3
1083	10/11/2009 17:31	11.62	50.85	33.26			1.9	3.48	99.5
1084	10/11/2009 17:46	11.61	50.75	33.18			1.6	3.50	99.9
1085	10/11/2009 18:01	11.68	51.09	33.44			2.1	3.50	97.9
1086	10/11/2009 18:16	11.68	51.07	33.42			1.6	3.49	98.4
1087	10/11/2009 18:31	11.63	50.95	33.33			2.0	3.47	98.5
1088	10/11/2009 18:46	11.64	50.98	33.35			1.7	3.43	96.7
1089	10/11/2009 19:01	11.68	50.74	33.18			2.1	3.38	95.9
1090	10/11/2009 19:16	11.95	50.70	33.16			2.1	3.32	103.4
1091	10/11/2009 19:31	12.25	50.89	33.32			2.4	3.26	102.1
1092	10/11/2009 19:46	12.40	50.85	33.30			2.4	3.18	98.7
1093	10/11/2009 20:01	12.45	50.90	33.33			2.5	3.10	106.1
1094	10/11/2009 20:16	12.62	50.76	33.24			3.2	3.01	105.6
1095	10/11/2009 20:31	12.80	50.72	33.22			2.9	2.92	106.7
1096	10/11/2009 20:46	13.07	51.21	33.59			2.9	2.83	116.6
1097	10/11/2009 21:01	13.26	50.79	33.29			2.9	2.73	114.9
1098	10/11/2009 21:16	13.36	51.00	33.44			3.2	2.64	114.1
1099	10/11/2009 21:31	13.42	51.10	33.52			3.5	2.54	113.7
1100	10/11/2009 21:46	13.43	50.93	33.40			3.2	2.43	115.4
1101	10/11/2009 22:01	13.45	51.07	33.50			3.5	2.33	116.4
1102	10/11/2009 22:16	13.36	50.95	33.40			3.7	2.23	113.6
1103	10/11/2009 22:31	13.33	50.84	33.33			4.4	2.11	106.8
1104	10/11/2009 22:46	13.17	50.79	33.28			4.6	2.02	104.7
1105	10/11/2009 23:01	13.14	50.89	33.35			4.6	1.91	101.0
1106	10/11/2009 23:16	13.10	51.07	33.49			4.5	1.81	98.9
1107	10/11/2009 23:31	13.16	50.82	33.30			4.3	1.72	97.0
1108	10/11/2009 23:46	13.18	50.79	33.28			4.2	1.64	97.1
1109	10/12/2009 0:01	13.23	51.01	33.45			4.2	1.56	96.5
1110	10/12/2009 0:16	13.31	51.15	33.55			4.2	1.51	96.8
1111	10/12/2009 0:31	13.35	50.84	33.32			3.8	1.47	95.5
1112	10/12/2009 0:46	13.36	50.90	33.37			4.3	1.44	97.2
1113	10/12/2009 1:01	13.31	51.04	33.47			3.6	1.44	95.0
1114	10/12/2009 1:16	13.38	50.96	33.42			3.8	1.45	96.3
1115	10/12/2009 1:31	13.46	50.91	33.38			3.7	1.49	97.5
1116	10/12/2009 1:46	13.45	50.99	33.44			3.7	1.52	98.3
1117	10/12/2009 2:01	13.49	50.87	33.35			3.7	1.57	107.4
1118	10/12/2009 2:16	13.49	50.82	33.32			3.8	1.63	100.3
1119	10/12/2009 2:31	13.48	50.94	33.40			4.0	1.69	99.7
1120	10/12/2009 2:46	13.48	51.01	33.45			4.1	1.75	99.1
1121	10/12/2009 3:01	13.49	50.75	33.27			4.9	1.82	99.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1122	10/12/2009 3:16	13.48	50.89	33.37			4.8	1.89	100.3
1123	10/12/2009 3:31	13.44	50.79	33.29			4.2	1.96	101.2
1124	10/12/2009 3:46	13.40	51.06	33.49			4.1	2.04	101.1
1125	10/12/2009 4:01	13.38	50.82	33.31			3.9	2.11	103.8
1126	10/12/2009 4:16	13.39	50.93	33.39			3.9	2.19	102.3
1127	10/12/2009 4:31	13.40	50.82	33.31			3.8	2.26	102.0
1128	10/12/2009 4:46	13.40	51.11	33.53			4.0	2.34	101.6
1129	10/12/2009 5:01	13.38	50.86	33.34			4.1	2.42	101.5
1130	10/12/2009 5:16	13.35	50.95	33.41			4.2	2.50	100.9
1131	10/12/2009 5:31	13.31	51.00	33.44			4.4	2.57	101.2
1132	10/12/2009 5:46	13.23	50.91	33.37			4.5	2.65	100.9
1133	10/12/2009 6:01	13.11	51.03	33.46			4.3	2.72	100.3
1134	10/12/2009 6:16	13.04	50.76	33.26			4.2	2.79	100.9
1135	10/12/2009 6:31	12.91	51.12	33.52			4.2	2.86	100.1
1136	10/12/2009 6:46	12.77	50.97	33.40			4.3	2.93	99.6
1137	10/12/2009 7:01	12.47	50.92	33.35			4.2	2.99	100.7
1138	10/12/2009 7:16	12.16	51.07	33.45			4.3	3.04	99.8
1139	10/12/2009 7:31	12.03	50.75	33.21			3.5	3.10	98.5
1140	10/12/2009 7:46	11.86	50.77	33.21			3.1	3.15	97.8
1141	10/12/2009 8:01	11.85	50.72	33.17			2.4	3.17	97.9
1142	10/12/2009 8:16	11.76	50.96	33.35			2.5	3.19	95.8
1143	10/12/2009 8:31	11.92	50.80	33.23			3.1	3.21	94.7
1144	10/12/2009 8:46	11.80	50.93	33.32			2.8	3.20	95.6
1145	10/12/2009 9:01	11.68	50.78	33.21			2.8	3.17	96.1
1146	10/12/2009 9:16	11.79	50.85	33.26			2.6	3.14	96.6
1147	10/12/2009 9:31	12.21	50.75	33.21			3.1	3.09	94.6
1148	10/12/2009 9:46	12.75	50.99	33.41			3.5	3.03	91.6
1149	10/12/2009 10:01	12.82	50.78	33.26			3.1	2.97	84.5
1150	10/12/2009 10:16	12.78	50.90	33.35			3.2	2.91	98.8
1151	10/12/2009 10:31	12.84	50.86	33.32			3.1	2.85	94.6
1152	10/12/2009 10:46	12.90	50.86	33.32			3.4	2.78	97.4
1153	10/12/2009 11:01	12.91	50.94	33.38			2.9	2.72	94.9
1154	10/12/2009 11:16	12.99	50.91	33.36			2.8	2.67	97.5
1155	10/12/2009 11:31	13.06	50.92	33.38			2.9	2.62	95.4
1156	10/12/2009 11:46	13.08	50.87	33.33			2.7	2.58	97.1
1157	10/12/2009 12:01	13.11	50.76	33.26			2.7	2.53	97.8
1158	10/12/2009 12:16	13.16	51.04	33.47			2.6	2.50	97.6
1159	10/12/2009 12:31	13.18	50.98	33.42			2.8	2.48	98.6
1160	10/12/2009 12:46	13.20	50.99	33.43			2.6	2.45	99.3
1161	10/12/2009 13:01	13.22	50.86	33.34			2.8	2.44	98.5
1162	10/12/2009 13:16	13.23	50.98	33.42			2.3	2.43	98.7
1163	10/12/2009 13:31	13.23	51.09	33.50			2.6	2.43	98.3
1164	10/12/2009 13:46	13.25	50.83	33.32			2.6	2.43	100.8
1165	10/12/2009 14:01	13.26	50.84	33.33			2.5	2.45	99.8
1166	10/12/2009 14:16	13.28	50.92	33.38			2.6	2.47	99.1
1167	10/12/2009 14:31	13.28	50.85	33.33			2.8	2.52	100.0
1168	10/12/2009 14:46	13.23	50.93	33.39			2.9	2.55	98.9
1169	10/12/2009 15:01	13.17	50.84	33.32			3.0	2.60	99.1
1170	10/12/2009 15:16	13.10	50.77	33.26			3.5	2.65	98.9
1171	10/12/2009 15:31	12.99	50.90	33.35			3.4	2.70	99.0
1172	10/12/2009 15:46	12.96	51.07	33.48			3.2	2.76	95.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1173	10/12/2009 16:01	12.86	50.78	33.26			3.1	2.82	102.9
1174	10/12/2009 16:16	12.58	50.72	33.21			2.9	2.89	98.4
1175	10/12/2009 16:31	12.38	50.95	33.36			2.6	2.95	98.1
1176	10/12/2009 16:46	12.30	50.84	33.28			2.6	3.01	99.2
1177	10/12/2009 17:01	12.26	50.75	33.21			2.6	3.08	99.0
1178	10/12/2009 17:16	12.15	50.95	33.36			2.4	3.14	100.0
1179	10/12/2009 17:31	11.86	50.80	33.23			2.3	3.20	98.2
1180	10/12/2009 17:46	11.70	50.79	33.22			2.0	3.24	96.9
1181	10/12/2009 18:01	11.57	51.17	33.48			2.0	3.30	97.1
1182	10/12/2009 18:16	11.43	51.04	33.38			1.9	3.35	96.6
1183	10/12/2009 18:31	11.27	50.80	33.20			2.0	3.39	96.8
1184	10/12/2009 18:46	11.23	50.96	33.31			1.7	3.42	94.6
1185	10/12/2009 19:01	11.10	50.85	33.23			1.5	3.45	94.4
1186	10/12/2009 19:16	11.03	50.94	33.29			1.3	3.47	94.2
1187	10/12/2009 19:31	11.30	51.04	33.37			1.6	3.47	95.0
1188	10/12/2009 19:46	11.21	50.80	33.19			1.4	3.45	93.5
1189	10/12/2009 20:01	11.13	50.89	33.26			1.3	3.43	92.6
1190	10/12/2009 20:16	11.19	50.84	33.23			1.6	3.40	93.5
1191	10/12/2009 20:31	11.71	50.86	33.27			1.8	3.33	94.8
1192	10/12/2009 20:46	11.82	50.90	33.30			2.4	3.27	96.6
1193	10/12/2009 21:01	11.90	51.06	33.42			2.5	3.19	95.8
1194	10/12/2009 21:16	11.95	50.82	33.25			2.1	3.11	96.7
1195	10/12/2009 21:31	12.08	51.18	33.52			2.7	3.03	99.1
1196	10/12/2009 21:46	12.12	50.88	33.30			2.9	2.92	95.9
1197	10/12/2009 22:01	12.25	51.06	33.44			3.2	2.85	96.4
1198	10/12/2009 22:16	12.54	51.02	33.42			2.6	2.74	95.2
1199	10/12/2009 22:31	12.67	50.85	33.31			2.7	2.64	96.5
1200	10/12/2009 22:46	12.90	50.78	33.26			3.4	2.55	97.4
1201	10/12/2009 23:01	12.95	50.96	33.40			3.5	2.45	97.3
1202	10/12/2009 23:16	12.95	51.00	33.43			3.8	2.35	97.7
1203	10/12/2009 23:31	13.00	50.95	33.39			8.2	2.23	97.3
1204	10/12/2009 23:46	13.07	51.01	33.44			9.7	2.14	98.9
1205	10/13/2009 0:01	13.05	51.24	33.61			9.9	2.05	96.3
1206	10/13/2009 0:16	13.06	50.94	33.38			8.6	1.95	96.8
1207	10/13/2009 0:31	13.08	50.98	33.42			8.6	1.85	96.2
1208	10/13/2009 0:46	13.07	50.94	33.38			8.9	1.75	96.0
1209	10/13/2009 1:01	13.10	50.88	33.34			9.7	1.67	95.2
1210	10/13/2009 1:16	13.07	50.94	33.39			9.6	1.59	94.3
1211	10/13/2009 1:31	13.11	51.22	33.59			8.7	1.54	94.6
1212	10/13/2009 1:46	13.13	50.97	33.41			8.2	1.50	93.1
1213	10/13/2009 2:01	13.13	50.99	33.43			6.7	1.48	93.5
1214	10/13/2009 2:16	13.14	50.97	33.41			7.4	1.49	94.0
1215	10/13/2009 2:31	13.13	50.87	33.34			7.0	1.49	94.2
1216	10/13/2009 2:46	13.14	50.84	33.32			6.8	1.54	94.7
1217	10/13/2009 3:01	13.20	51.38	33.71			6.5	1.58	96.1
1218	10/13/2009 3:16	13.25	51.00	33.44			5.9	1.63	97.5
1219	10/13/2009 3:31	13.24	51.01	33.45			5.6	1.70	97.1
1220	10/13/2009 3:46	13.25	50.81	33.30			6.5	1.77	96.0
1221	10/13/2009 4:01	13.22	50.77	33.27			7.3	1.85	98.9
1222	10/13/2009 4:16	13.16	50.75	33.25			6.4	1.94	97.1
1223	10/13/2009 4:31	13.13	50.79	33.28			6.4	2.01	97.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1224	10/13/2009 4:46	13.11	50.95	33.39			6.0	2.10	97.7
1225	10/13/2009 5:01	13.06	51.06	33.47			5.9	2.17	97.8
1226	10/13/2009 5:16	12.98	50.95	33.39			5.7	2.27	96.8
1227	10/13/2009 5:31	12.94	51.27	33.62			5.1	2.33	96.8
1228	10/13/2009 5:46	12.88	51.25	33.61			4.9	2.42	98.5
1229	10/13/2009 6:01	12.83	51.20	33.57			5.3	2.50	96.9
1230	10/13/2009 6:16	12.78	50.80	33.27			5.7	2.58	95.7
1231	10/13/2009 6:31	12.67	50.98	33.40			6.6	2.67	95.9
1232	10/13/2009 6:46	12.31	51.13	33.49			7.0	2.74	96.0
1233	10/13/2009 7:01	12.14	50.69	33.16			6.2	2.83	98.1
1234	10/13/2009 7:16	11.90	51.07	33.43			7.0	2.92	94.5
1235	10/13/2009 7:31	11.67	51.02	33.38			6.3	2.99	95.1
1236	10/13/2009 7:46	11.26	50.83	33.22			6.0	3.08	95.1
1237	10/13/2009 8:01	11.13	50.69	33.11			4.9	3.16	95.3
1238	10/13/2009 8:16	11.04	51.01	33.34			4.5	3.23	95.3
1239	10/13/2009 8:31	11.01	50.85	33.22			3.6	3.29	95.9
1240	10/13/2009 8:46	11.02	51.19	33.47			2.9	3.34	95.3
1241	10/13/2009 9:01	11.00	50.79	33.18			2.3	3.39	95.8
1242	10/13/2009 9:16	11.22	50.96	33.32			2.4	3.41	94.7
1243	10/13/2009 9:31	11.45	50.93	33.31			2.5	3.42	95.1
1244	10/13/2009 9:46	11.23	50.87	33.25			2.6	3.40	93.9
1245	10/13/2009 10:01	11.06	50.78	33.17			2.3	3.37	95.6
1246	10/13/2009 10:16	11.28	50.75	33.17			2.5	3.33	95.8
1247	10/13/2009 10:31	11.41	50.73	33.16			2.9	3.25	95.5
1248	10/13/2009 10:46	11.35	50.65	33.09			3.7	3.19	95.7
1249	10/13/2009 11:01	11.44	51.66	33.83				3.11	97.3
1250	10/13/2009 11:16	11.45	50.88	33.27			3.8	3.03	97.9
1251	10/13/2009 11:31	11.59	50.97	33.34			4.2	2.95	100.2
1252	10/13/2009 11:46	11.73	50.93	33.32			4.5	2.87	97.7
1253	10/13/2009 12:01	12.05	50.71	33.18			5.7	2.79	97.5
1254	10/13/2009 12:16	12.10	50.81	33.25			5.7	2.71	97.5
1255	10/13/2009 12:31	12.38	50.99	33.40			6.7	2.66	95.8
1256	10/13/2009 12:46	12.54	50.81	33.27			6.8	2.58	96.1
1257	10/13/2009 13:01	12.60	50.66	33.17			6.5	2.54	95.8
1258	10/13/2009 13:16	12.71	50.82	33.29			6.5	2.48	96.1
1259	10/13/2009 13:31	12.63	50.97	33.39			5.9	2.43	96.5
1260	10/13/2009 13:46	12.76	50.59	33.12			5.9	2.40	96.3
1261	10/13/2009 14:01	12.85	50.73	33.23			5.9	2.36	96.3
1262	10/13/2009 14:16	12.86	50.51	33.07			5.6	2.34	97.1
1263	10/13/2009 14:31	12.91	50.77	33.26			5.4	2.33	98.4
1264	10/13/2009 14:46	13.04	50.45	33.03			4.7	2.31	96.1
1265	10/13/2009 15:01	12.87	50.42	33.00			5.2	2.32	96.9
1266	10/13/2009 15:16	12.97	50.89	33.35			5.7	2.32	94.6
1267	10/13/2009 15:31	12.94	50.70	33.21			5.5	2.35	94.8
1268	10/13/2009 15:46	12.89	50.71	33.22			5.6	2.39	95.4
1269	10/13/2009 16:01	12.81	50.51	33.07			5.5	2.44	96.5
1270	10/13/2009 16:16	12.78	50.66	33.17			5.5	2.49	95.6
1271	10/13/2009 16:31	12.64	50.61	33.13			5.5	2.55	96.3
1272	10/13/2009 16:46	12.63	50.42	32.99			5.1	2.63	96.3
1273	10/13/2009 17:01	12.45	50.67	33.16			5.1	2.70	97.1
1274	10/13/2009 17:16	12.29	50.51	33.04			4.7	2.77	95.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1275	10/13/2009 17:31	12.09	50.44	32.98			4.3	2.85	96.9
1276	10/13/2009 17:46	12.01	50.69	33.16			4.3	2.92	96.0
1277	10/13/2009 18:01	12.05	50.71	33.18			4.4	3.01	96.2
1278	10/13/2009 18:16	12.08	50.60	33.10			4.6	3.08	95.7
1279	10/13/2009 18:31	12.02	50.59	33.09			4.5	3.15	95.3
1280	10/13/2009 18:46	11.85	50.53	33.04			3.5	3.23	96.4
1281	10/13/2009 19:01	11.68	50.71	33.16			3.2	3.29	95.7
1282	10/13/2009 19:16	11.57	50.75	33.18			3.2	3.35	95.1
1283	10/13/2009 19:31	11.44	50.63	33.08			2.9	3.42	96.1
1284	10/13/2009 19:46	11.39	50.55	33.02			2.3	3.46	91.2
1285	10/13/2009 20:01	11.36	50.67	33.11			2.1	3.50	96.3
1286	10/13/2009 20:16	11.22	50.65	33.09			2.1	3.56	97.0
1287	10/13/2009 20:31	11.23	50.81	33.20			2.0	3.56	95.9
1288	10/13/2009 20:46	11.55	50.93	33.31			2.2	3.58	94.6
1289	10/13/2009 21:01	11.39	50.72	33.15			1.7	3.57	93.7
1290	10/13/2009 21:16	11.24	50.78	33.19			1.8	3.55	96.1
1291	10/13/2009 21:31	11.31	50.59	33.05			2.2	3.49	94.6
1292	10/13/2009 21:46	11.61	50.42	32.94			2.4	3.44	96.4
1293	10/13/2009 22:01	12.19	50.35	32.92			3.1	3.36	94.2
1294	10/13/2009 22:16	12.05	50.45	32.98			3.7	3.28	94.0
1295	10/13/2009 22:31	12.07	50.44	32.98			3.6	3.20	94.2
1296	10/13/2009 22:46	12.11	50.60	33.10			3.6	3.10	94.8
1297	10/13/2009 23:01	12.27	50.47	33.01			3.8	3.01	93.4
1298	10/13/2009 23:16	12.27	50.63	33.13			4.0	2.91	93.6
1299	10/13/2009 23:31	12.48	50.35	32.94			4.6	2.82	93.4
1300	10/13/2009 23:46	12.61	50.64	33.15			4.6	2.71	92.5
1301	10/14/2009 0:01	12.57	50.46	33.02			5.1	2.62	92.4
1302	10/14/2009 0:16	12.64	50.36	32.95			5.4	2.51	92.6
1303	10/14/2009 0:31	12.84	50.48	33.04			5.5	2.40	91.8
1304	10/14/2009 0:46	12.91	50.59	33.13			5.7	2.30	91.5
1305	10/14/2009 1:01	12.88	50.58	33.11			5.8	2.20	91.6
1306	10/14/2009 1:16	12.87	50.41	32.99			5.8	2.10	90.9
1307	10/14/2009 1:31	12.86	50.42	33.00			6.1	2.00	90.8
1308	10/14/2009 1:46	12.87	50.58	33.12			6.0	1.91	90.9
1309	10/14/2009 2:01	12.91	50.52	33.07			6.0	1.83	90.7
1310	10/14/2009 2:16	12.95	50.40	32.99			5.4	1.74	91.4
1311	10/14/2009 2:31	13.01	50.43	33.01			5.4	1.69	91.7
1312	10/14/2009 2:46	13.27	50.31	32.94			5.3	1.64	89.5
1313	10/14/2009 3:01	13.40	50.30	32.93			5.3	1.62	91.0
1314	10/14/2009 3:16	13.46	50.64	33.19			6.3	1.61	91.2
1315	10/14/2009 3:31	13.33	50.47	33.05			5.4	1.61	90.5
1316	10/14/2009 3:46	13.37	50.22	32.87			4.8	1.67	91.4
1317	10/14/2009 4:01	13.35	50.27	32.91			4.9	1.70	92.2
1318	10/14/2009 4:16	13.33	50.40	33.01			5.1	1.77	90.9
1319	10/14/2009 4:31	13.34	50.10	32.79			5.6	1.86	91.4
1320	10/14/2009 4:46	13.38	50.09	32.78			6.0	1.95	92.4
1321	10/14/2009 5:01	13.38	49.81	32.57			6.2	2.05	91.9
1322	10/14/2009 5:16	13.26	49.88	32.62			6.1	2.13	91.5
1323	10/14/2009 5:31	13.20	50.08	32.77			5.6	2.22	92.4
1324	10/14/2009 5:46	13.11	50.15	32.81			5.9	2.30	93.1
1325	10/14/2009 6:01	13.04	50.49	33.06			5.5	2.40	91.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1326	10/14/2009 6:16	13.03	50.26	32.89			5.6	2.48	92.9
1327	10/14/2009 6:31	13.06	50.23	32.87			6.0	2.56	92.0
1328	10/14/2009 6:46	13.03	50.29	32.91			6.7	2.66	91.3
1329	10/14/2009 7:01	12.86	50.66	33.18			6.8	2.74	91.5
1330	10/14/2009 7:16	12.79	50.42	33.00			7.4	2.84	92.1
1331	10/14/2009 7:31	12.63	50.66	33.16			8.2	2.92	93.7
1332	10/14/2009 7:46	12.47	50.42	32.98			8.4	3.02	93.0
1333	10/14/2009 8:01	12.33	50.50	33.03			8.0	3.10	92.9
1334	10/14/2009 8:16	12.21	50.41	32.97			7.2	3.19	93.3
1335	10/14/2009 8:31	12.01	50.74	33.19			7.3	3.28	93.8
1336	10/14/2009 8:46	11.78	50.45	32.97			6.2	3.36	94.5
1337	10/14/2009 9:01	11.73	50.31	32.87			4.0	3.43	94.3
1338	10/14/2009 9:16	11.62	50.47	32.98			3.5	3.49	94.1
1339	10/14/2009 9:31	11.64	50.34	32.88			3.2	3.54	94.2
1340	10/14/2009 9:46	11.70	50.62	33.09			3.2	3.57	93.7
	Mean	13.75	50.80	33.30			5.8	2.59	77.5
	Minimum	10.72	47.89	31.20			1.3	1.19	39.6
	Maximum	17.19	51.68	33.89			42.8	3.78	118.4

pH probe failed calibration and cross calibration, data discarded

DO probe malfunctioned in field, data discarded

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1	10/14/2009 10:16	11.95	48.88	31.84	8.04	7.87	3.2	3.91	91.0
2	10/14/2009 10:31	11.75	48.89	31.84	8.11	7.97	2.6	3.88	91.5
3	10/14/2009 10:46	11.68	48.93	31.87	8.03	7.97	2.7	3.84	90.4
4	10/14/2009 11:01	12.32	48.94	31.90	7.86	8.00	3.2	3.78	89.8
5	10/14/2009 11:16	12.61	48.74	31.77	8.05	7.93	3.1	3.72	92.4
6	10/14/2009 11:31	12.50	48.83	31.83	7.98	7.93	3.1	3.62	91.4
7	10/14/2009 11:46	12.66	48.89	31.88	7.91	8.01	3.8	3.56	91.0
8	10/14/2009 12:01	12.65	48.78	31.80	7.79	7.94	3.5	3.46	89.5
9	10/14/2009 12:16	12.70	48.90	31.89	7.83	7.95	4.0	3.36	90.1
10	10/14/2009 12:31	12.84	48.82	31.83	7.69	7.95	3.7	3.26	88.7
11	10/14/2009 12:46	13.09	48.74	31.79	7.90	7.98	4.1	3.17	91.6
12	10/14/2009 13:01	13.18	48.78	31.82	7.63	7.98	4.5	3.08	88.6
13	10/14/2009 13:16	13.23	48.84	31.86	7.66	8.01	4.6	3.00	89.1
14	10/14/2009 13:31	13.26	48.83	31.86	7.64	8.01	4.1	2.92	88.9
15	10/14/2009 13:46	13.37	48.76	31.81	7.86	8.01	4.2	2.82	91.7
16	10/14/2009 14:01	13.40	48.72	31.78	8.19	8.03	4.2	2.75	95.5
17	10/14/2009 14:16	13.50	48.71	31.78	8.25	8.03	4.0	2.66	96.5
18	10/14/2009 14:31	13.52	48.63	31.72	8.04	8.03	4.0	2.57	94.0
19	10/14/2009 14:46	13.58	48.77	31.83	8.14	8.05	3.8	2.52	95.4
20	10/14/2009 15:01	13.65	48.72	31.79	8.25	8.06	3.5	2.45	96.7
21	10/14/2009 15:16	13.76	48.66	31.75	8.43	8.08	3.4	2.41	99.1
22	10/14/2009 15:31	13.82	48.65	31.74	8.21	8.07	3.2	2.38	96.6
23	10/14/2009 15:46	13.89	48.65	31.75	8.60	8.11	2.9	2.36	101.3
24	10/14/2009 16:01	13.95	48.46	31.61	8.40	8.07	3.3	2.36	99.0
25	10/14/2009 16:16	13.83	48.65	31.75	8.48	8.06	3.3	2.38	99.8
26	10/14/2009 16:31	13.79	48.67	31.76	8.60	8.08	3.4	2.39	101.1
27	10/14/2009 16:46	13.74	48.61	31.72	7.92	8.05	3.7	2.47	92.9
28	10/14/2009 17:01	13.70	48.64	31.74	8.23	8.04	3.8	2.54	96.6
29	10/14/2009 17:16	13.82	48.24	31.45	7.76	8.05	4.8	2.60	91.1
30	10/14/2009 17:31	13.89	48.07	31.33	8.11	8.04	4.8	2.68	95.3
31	10/14/2009 17:46	13.65	48.41	31.57	7.84	8.02	4.9	2.76	91.8
32	10/14/2009 18:01	13.55	48.61	31.71	7.84	8.01	4.6	2.85	91.6
33	10/14/2009 18:16	13.40	48.66	31.74	7.77	8.01	4.6	2.93	90.6
34	10/14/2009 18:31	13.25	48.75	31.80	7.72	7.99	4.6	3.02	89.8
35	10/14/2009 18:46	13.15	48.72	31.77	7.64	7.99	4.5	3.08	88.7
36	10/14/2009 19:01	13.13	48.85	31.87	7.67	7.99	4.9	3.17	89.0
37	10/14/2009 19:16	13.09	48.78	31.82	7.60	7.98	5.2	3.25	88.1
38	10/14/2009 19:31	13.00	48.77	31.80	7.51	7.98	5.4	3.33	86.9
39	10/14/2009 19:46	12.88	48.88	31.88	7.68	7.97	5.5	3.42	88.6
40	10/14/2009 20:01	12.79	48.88	31.88	7.55	7.98	5.5	3.50	87.1
41	10/14/2009 20:16	12.58	48.85	31.85	7.79	7.96	5.4	3.58	89.4
42	10/14/2009 20:31	12.46	48.71	31.74	7.92	7.96	5.3	3.66	90.5
43	10/14/2009 20:46	12.30	48.92	31.88	7.86	7.96	4.5	3.74	89.7
44	10/14/2009 21:01	12.24	48.84	31.82	7.93	7.96	4.1	3.80	90.3
45	10/14/2009 21:16	12.16	48.90	31.86	7.87	7.95	3.4	3.84	89.5
46	10/14/2009 21:31	12.09	48.84	31.82	8.00	7.95	2.9	3.90	90.9
47	10/14/2009 21:46	12.18	48.93	31.89	7.95	7.96	2.9	3.93	90.4
48	10/14/2009 22:01	12.39	48.86	31.84	7.81	7.96	3.1	3.92	89.3
49	10/14/2009 22:16	12.21	48.88	31.85	7.91	7.95	2.6	3.90	90.0
50	10/14/2009 22:31	12.09	48.89	31.85	7.95	7.95	2.8	3.89	90.3
51	10/14/2009 22:46	12.02	48.56	31.61	8.05	7.95	3.0	3.86	91.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
52	10/14/2009 23:01	12.36	48.69	31.72	7.71	7.95	3.5	3.76	88.0
53	10/14/2009 23:16	12.63	48.86	31.85	7.17	7.95	4.2	3.67	82.3
54	10/14/2009 23:31	12.73	48.91	31.89	7.69	7.96	4.2	3.59	88.6
55	10/14/2009 23:46	12.70	48.83	31.84	7.62	7.95	4.0	3.50	87.7
56	10/15/2009 0:01	12.74	48.84	31.84	7.60	7.96	5.1	3.38	87.5
57	10/15/2009 0:16	12.97	48.75	31.79	7.58	7.97	4.2	3.28	87.6
58	10/15/2009 0:31	13.24	48.70	31.76	7.53	7.99	4.4	3.19	87.5
59	10/15/2009 0:46	13.33	48.79	31.83	7.55	7.99	4.0	3.08	88.0
60	10/15/2009 1:01	13.44	48.77	31.82	7.58	8.00	4.3	2.97	88.5
61	10/15/2009 1:16	13.47	48.69	31.77	7.90	8.01	4.6	2.87	92.3
62	10/15/2009 1:31	13.53	48.78	31.83	7.87	8.03	5.1	2.76	92.1
63	10/15/2009 1:46	13.53	48.70	31.78	7.73	8.01	4.6	2.66	90.5
64	10/15/2009 2:01	13.56	48.70	31.77	8.28	8.01	4.4	2.56	96.9
65	10/15/2009 2:16	13.46	48.77	31.82	7.37	7.99	4.5	2.45	86.0
66	10/15/2009 2:31	13.38	48.80	31.84	7.33	7.98	4.9	2.35	85.5
67	10/15/2009 2:46	13.37	48.79	31.84	7.50	7.96	4.6	2.26	87.4
68	10/15/2009 3:01	13.47	48.68	31.76	7.27	7.97	4.6	2.19	84.9
69	10/15/2009 3:16	13.49	48.72	31.79	7.25	7.97	4.2	2.12	84.7
70	10/15/2009 3:31	13.63	48.68	31.76	7.27	8.01	4.2	2.02	85.2
71	10/15/2009 3:46	13.84	48.70	31.78	7.42	8.03	4.0	2.01	87.3
72	10/15/2009 4:01	13.99	48.53	31.67	7.94	8.05	3.7	2.02	93.6
73	10/15/2009 4:16	13.98	48.68	31.77	8.03	8.05	3.8	1.99	94.8
74	10/15/2009 4:31	14.01	48.66	31.76	7.78	8.05	3.5	2.03	91.9
75	10/15/2009 4:46	13.90	48.69	31.78	7.53	8.04	3.7	2.08	88.7
76	10/15/2009 5:01	13.99	48.66	31.76	7.77	8.05	3.6	2.15	91.8
77	10/15/2009 5:16	13.93	48.68	31.77	7.64	8.04	3.7	2.25	90.1
78	10/15/2009 5:31	14.02	48.29	31.49	7.51	8.03	4.7	2.33	88.5
79	10/15/2009 5:46	14.03	48.04	31.31	7.49	8.03	4.8	2.43	88.3
80	10/15/2009 6:01	13.90	48.14	31.38	7.45	8.02	4.9	2.54	87.6
81	10/15/2009 6:16	13.77	48.43	31.58	7.40	8.00	4.9	2.62	86.9
82	10/15/2009 6:31	13.67	48.49	31.63	7.40	7.99	4.6	2.71	86.7
83	10/15/2009 6:46	13.52	48.64	31.73	7.47	7.98	4.8	2.80	87.3
84	10/15/2009 7:01	13.45	48.74	31.80	7.11	7.97	5.3	2.90	83.1
85	10/15/2009 7:16	13.42	48.66	31.74	7.32	7.97	5.8	2.99	85.5
86	10/15/2009 7:31	13.30	48.80	31.84	7.27	7.96	7.4	3.08	84.7
87	10/15/2009 7:46	13.16	48.82	31.84	7.45	7.95	7.2	3.19	86.6
88	10/15/2009 8:01	13.11	48.63	31.71	7.41	7.95	8.2	3.29	85.9
89	10/15/2009 8:16	12.98	48.72	31.77	7.43	7.95	9.7	3.39	85.9
90	10/15/2009 8:31	12.73	48.65	31.71	7.63	7.94	9.3	3.48	87.7
91	10/15/2009 8:46	12.64	48.84	31.84	7.50	7.94	9.2	3.59	86.1
92	10/15/2009 9:01	12.49	48.90	31.88	8.04	7.97	9.3	3.68	92.1
93	10/15/2009 9:16	12.33	48.89	31.86	7.97	7.97	8.6	3.78	91.0
94	10/15/2009 9:31	12.24	48.77	31.77	8.02	7.94	8.4	3.89	91.4
95	10/15/2009 9:46	12.20	48.84	31.82	8.08	7.94	7.0	3.96	92.0
96	10/15/2009 10:01	12.19	48.85	31.83	8.05	7.98	5.2	4.02	91.6
97	10/15/2009 10:16	12.19	48.84	31.83	8.16	7.98	4.2	4.09	92.8
98	10/15/2009 10:31	12.18	48.81	31.80	8.18	7.98	3.6	4.11	93.0
99	10/15/2009 10:46	12.49	48.72	31.75	7.82	7.94	3.8	4.11	89.5
100	10/15/2009 11:01	12.08	48.83	31.81	8.20	7.99	5.0	4.11	93.1
101	10/15/2009 11:16	12.09	48.79	31.78	8.31	7.99	4.4	4.07	94.4
102	10/15/2009 11:31	12.25	48.77	31.77	8.21	7.96	4.6	4.00	93.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
103	10/15/2009 11:46	12.56	48.86	31.85	8.47	8.00	5.1	3.93	97.1
104	10/15/2009 12:01	12.74	48.85	31.85	8.78	8.01	5.3	3.83	101.1
105	10/15/2009 12:16	12.80	48.81	31.83	8.37	7.99	6.8	3.73	96.5
106	10/15/2009 12:31	12.93	48.80	31.83	8.42	8.00	5.6	3.62	97.3
107	10/15/2009 12:46	12.94	48.78	31.81	8.15	7.98	7.4	3.50	94.2
108	10/15/2009 13:01	13.20	48.70	31.76	8.44	7.99	7.0	3.39	98.0
109	10/15/2009 13:16	13.33	48.77	31.82	7.89	7.99	6.1	3.27	91.9
110	10/15/2009 13:31	13.53	48.78	31.83	8.10	8.00	6.0	3.17	94.8
111	10/15/2009 13:46	13.64	48.71	31.78	8.12	8.01	6.0	3.06	95.1
112	10/15/2009 14:01	13.87	48.74	31.81	8.28	8.03	5.8	2.93	97.6
113	10/15/2009 14:16	14.00	48.70	31.79	8.42	8.04	5.2	2.83	99.4
114	10/15/2009 14:31	14.12	48.69	31.78	8.59	8.07	4.6	2.73	101.6
115	10/15/2009 14:46	14.20	48.61	31.72	8.89	8.10	4.3	2.62	105.4
116	10/15/2009 15:01	14.38	48.68	31.78	9.13	8.11	4.7	2.50	108.7
117	10/15/2009 15:16	14.45	48.68	31.79	9.16	8.11	5.4	2.41	109.2
118	10/15/2009 15:31	14.56	48.60	31.73	9.43	8.13	4.4	2.32	112.6
119	10/15/2009 15:46	14.71	48.61	31.74	9.36	8.14	4.1	2.23	112.1
120	10/15/2009 16:01	14.71	48.58	31.72	9.08	8.13	4.2	2.17	108.7
121	10/15/2009 16:16	14.73	48.56	31.71	9.07	8.13	3.8	2.12	108.6
122	10/15/2009 16:31	14.77	48.56	31.70	8.72	8.13	3.9	2.12	104.5
123	10/15/2009 16:46	14.93	48.51	31.67	10.08	8.16	3.1	2.11	121.3
124	10/15/2009 17:01	15.06	48.48	31.65	9.47	8.15	3.4	2.14	114.1
125	10/15/2009 17:16	14.97	48.54	31.70	8.96	8.13	3.4	2.18	107.8
126	10/15/2009 17:31	14.99	48.52	31.68	8.84	8.12	3.6	2.25	106.5
127	10/15/2009 17:46	14.96	48.56	31.71	8.89	8.11	4.1	2.32	107.0
128	10/15/2009 18:01	15.21	48.26	31.50	8.67	8.10	5.4	2.40	104.8
129	10/15/2009 18:16	15.32	48.01	31.32	8.98	8.09	5.1	2.50	108.6
130	10/15/2009 18:31	14.88	48.45	31.63	8.44	8.08	5.6	2.59	101.4
131	10/15/2009 18:46	14.68	48.47	31.64	8.35	8.08	4.8	2.68	99.9
132	10/15/2009 19:01	14.58	48.56	31.70	8.31	8.05	4.9	2.78	99.3
133	10/15/2009 19:16	14.26	48.61	31.73	8.13	8.01	4.8	2.86	96.4
134	10/15/2009 19:31	14.13	48.69	31.78	8.00	7.99	4.9	2.95	94.7
135	10/15/2009 19:46	14.05	48.72	31.80	7.67	7.99	5.6	3.04	90.7
136	10/15/2009 20:01	13.96	48.75	31.82	7.81	7.98	6.2	3.13	92.2
137	10/15/2009 20:16	13.79	48.69	31.78	8.16	7.98	6.3	3.21	95.9
138	10/15/2009 20:31	13.71	48.73	31.80	7.88	7.99	6.7	3.30	92.6
139	10/15/2009 20:46	13.62	48.62	31.72	7.80	7.97	7.4	3.39	91.4
140	10/15/2009 21:01	13.44	48.68	31.76	7.99	7.97	8.4	3.48	93.3
141	10/15/2009 21:16	13.29	48.63	31.71	8.04	7.96	8.2	3.57	93.5
142	10/15/2009 21:31	13.17	48.72	31.77	8.26	7.96	8.1	3.66	95.9
143	10/15/2009 21:46	13.02	48.64	31.71	7.95	7.97	7.4	3.74	92.0
144	10/15/2009 22:01	12.88	48.75	31.79	8.35	8.01	5.9	3.82	96.3
145	10/15/2009 22:16	12.83	48.73	31.77	8.47	8.01	4.5	3.88	97.6
146	10/15/2009 22:31	12.80	48.73	31.77	8.42	8.01	3.9	3.93	97.0
147	10/15/2009 22:46	12.78	48.65	31.71	8.40	7.98	3.7	3.97	96.7
148	10/15/2009 23:01	13.04	48.72	31.77	8.26	8.00	3.8	3.97	95.6
149	10/15/2009 23:16	13.01	48.64	31.71	8.21	7.97	3.6	3.97	94.9
150	10/15/2009 23:31	12.82	48.71	31.76	8.40	8.01	4.0	3.93	96.8
151	10/15/2009 23:46	12.79	48.72	31.76	8.33	7.97	4.9	3.86	96.0
152	10/16/2009 0:01	13.09	48.74	31.78	8.04	7.96	4.8	3.80	93.2
153	10/16/2009 0:16	13.17	48.76	31.80	7.94	7.98	5.4	3.70	92.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
154	10/16/2009 0:31	13.28	48.66	31.73	7.98	7.98	6.5	3.59	92.9
155	10/16/2009 0:46	13.30	48.65	31.73	7.76	7.95	4.8	3.49	90.3
156	10/16/2009 1:01	13.40	48.58	31.68	7.74	7.95	4.7	3.38	90.2
157	10/16/2009 1:16	13.61	48.67	31.75	7.61	7.95	4.7	3.27	89.2
158	10/16/2009 1:31	13.86	48.68	31.77	8.05	7.97	5.2	3.17	94.8
159	10/16/2009 1:46	13.91	48.68	31.77	7.60	7.98	5.4	3.06	89.5
160	10/16/2009 2:01	14.04	48.60	31.72	7.21	7.98	4.6	2.95	85.2
161	10/16/2009 2:16	14.23	48.69	31.79	7.81	8.00	4.5	2.85	92.7
162	10/16/2009 2:31	14.32	48.68	31.78	8.07	8.01	4.1	2.75	96.0
163	10/16/2009 2:46	14.31	48.70	31.80	7.89	8.00	4.3	2.63	93.8
164	10/16/2009 3:01	14.17	48.71	31.80	7.81	7.99	4.6	2.55	92.6
165	10/16/2009 3:16	14.18	48.57	31.70	7.72	7.99	4.9	2.44	91.4
166	10/16/2009 3:31	14.12	48.56	31.69	7.62	7.98	5.0	2.34	90.2
167	10/16/2009 3:46	14.17	48.66	31.76	7.65	7.98	4.3	2.27	90.6
168	10/16/2009 4:01	14.18	48.52	31.66	7.63	7.98	4.3	2.19	90.4
169	10/16/2009 4:16	14.33	48.59	31.72	7.67	8.00	3.9	2.14	91.2
170	10/16/2009 4:31	14.43	48.54	31.68	7.76	8.00	3.7	2.12	92.4
171	10/16/2009 4:46	14.69	48.49	31.65	7.92	8.04	3.4	2.09	94.7
172	10/16/2009 5:01	14.72	48.59	31.73	7.82	8.04	3.2	2.14	93.7
173	10/16/2009 5:16	14.65	48.47	31.64	8.07	8.04	3.4	2.16	96.4
174	10/16/2009 5:31	14.59	48.47	31.63	8.01	8.10	3.4	2.20	95.6
175	10/16/2009 5:46	14.60	48.53	31.68	7.87	8.03	3.6	2.28	94.0
176	10/16/2009 6:01	14.60	48.51	31.66	7.87	8.02	4.3	2.37	94.0
177	10/16/2009 6:16	14.77	48.26	31.49	7.84	8.02	5.4	2.47	93.8
178	10/16/2009 6:31	14.69	48.24	31.47	7.80	8.01	5.8	2.56	93.2
179	10/16/2009 6:46	14.47	48.34	31.54	7.74	8.00	4.8	2.66	92.1
180	10/16/2009 7:01	14.37	48.53	31.67	7.74	7.99	4.9	2.76	92.0
181	10/16/2009 7:16	14.21	48.51	31.66	7.65	8.00	4.8	2.85	90.7
182	10/16/2009 7:31	13.97	48.54	31.67	7.63	7.96	4.8	2.95	89.9
183	10/16/2009 7:46	13.93	48.64	31.74	7.88	7.98	6.3	3.05	92.9
184	10/16/2009 8:01	13.83	48.67	31.76	7.69	7.98	6.9	3.14	90.5
185	10/16/2009 8:16	13.67	48.61	31.71	7.36	7.95	7.7	3.24	86.3
186	10/16/2009 8:31	13.59	48.68	31.76	7.31	7.95	8.2	3.35	85.6
187	10/16/2009 8:46	13.52	48.61	31.71	8.04	7.95	9.1	3.46	94.0
188	10/16/2009 9:01	13.30	48.68	31.75	7.76	7.95	9.8	3.55	90.3
189	10/16/2009 9:16	13.03	48.71	31.77	8.24	8.00	8.9	3.66	95.4
190	10/16/2009 9:31	12.86	48.51	31.61	8.24	7.96	9.0	3.77	94.9
191	10/16/2009 9:46	12.70	48.56	31.64	8.22	7.97	7.2	3.87	94.4
192	10/16/2009 10:01	12.72	48.71	31.75	8.37	8.02	6.1	3.96	96.2
193	10/16/2009 10:16	12.73	48.72	31.76	9.01	8.02	5.6	4.05	103.7
194	10/16/2009 10:31	12.67	48.71	31.75	8.54	8.03	5.1	4.13	98.1
195	10/16/2009 10:46	12.63	48.54	31.62	8.80	7.99	3.8	4.19	100.9
196	10/16/2009 11:01	12.67	48.54	31.62	8.39	7.99	2.8	4.22	96.3
197	10/16/2009 11:16	12.96	48.56	31.65	8.36	7.98	3.3	4.25	96.6
198	10/16/2009 11:31	12.85	48.55	31.64	8.32	7.98	3.1	4.25	95.9
199	10/16/2009 11:46	12.78	48.62	31.69	8.23	7.99	3.6	4.21	94.7
200	10/16/2009 12:01	13.03	48.64	31.71	8.49	8.00	3.9	4.14	98.2
201	10/16/2009 12:16	13.03	48.67	31.73	8.99	8.05	3.8	4.07	104.0
202	10/16/2009 12:31	13.03	48.60	31.68	8.80	8.01	5.6	3.97	101.8
203	10/16/2009 12:46	13.35	48.60	31.69	8.99	8.03	5.8	3.86	104.7
204	10/16/2009 13:01	13.43	48.67	31.75	8.71	8.02	5.6	3.73	101.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
205	10/16/2009 13:16	13.50	48.66	31.74	8.77	8.05	6.8	3.61	102.5
206	10/16/2009 13:31	13.54	48.63	31.72	8.98	8.00	7.4	3.49	105.1
207	10/16/2009 13:46	13.77	48.56	31.68	8.57	8.00	7.1	3.36	100.7
208	10/16/2009 14:01	14.00	48.63	31.74	8.63	8.03	6.0	3.22	101.9
209	10/16/2009 14:16	14.15	48.54	31.68	8.61	8.02	7.2	3.10	101.9
210	10/16/2009 14:31	14.34	48.61	31.74	8.88	8.04	6.2	2.97	105.6
211	10/16/2009 14:46	14.52	48.60	31.73	8.97	8.07	6.3	2.85	107.1
212	10/16/2009 15:01	14.55	48.59	31.72	9.41	8.09	4.9	2.72	112.4
213	10/16/2009 15:16	14.63	48.63	31.75	9.62	8.11	4.8	2.59	115.1
214	10/16/2009 15:31	14.63	48.64	31.76	9.67	8.11	4.7	2.46	115.6
215	10/16/2009 15:46	14.83	48.61	31.75	9.80	8.12	5.2	2.35	117.7
216	10/16/2009 16:01	14.91	48.32	31.54	9.60	8.11	5.2	2.21	115.3
217	10/16/2009 16:16	15.20	48.41	31.61	9.95	8.13	5.1	2.10	120.2
218	10/16/2009 16:31	15.20	48.60	31.74	9.52	8.11	4.6	2.01	115.2
219	10/16/2009 16:46	15.33	48.54	31.71	9.57	8.15	4.9	1.92	116.0
220	10/16/2009 17:01	15.48	48.44	31.64	9.58	8.13	4.7	1.86	116.5
221	10/16/2009 17:16	15.63	48.53	31.71	9.62	8.16	4.5	1.83	117.3
222	10/16/2009 17:31	15.59	48.48	31.66	10.14	8.19	3.3	1.83	123.6
223	10/16/2009 17:46	15.84	48.49	31.68	9.85	8.18	3.7	1.85	120.7
224	10/16/2009 18:01	15.63	48.38	31.60	9.72	8.17	3.7	1.89	118.5
225	10/16/2009 18:16	15.73	48.37	31.59	9.68	8.16	3.8	1.97	118.2
226	10/16/2009 18:31	15.84	48.53	31.71	9.55	8.16	4.4	2.06	117.0
227	10/16/2009 18:46	16.06	48.19	31.47	9.08	8.12	6.3	2.14	111.6
228	10/16/2009 19:01	15.99	48.01	31.33	8.95	8.11	5.8	2.25	109.7
229	10/16/2009 19:16	15.76	48.16	31.44	8.99	8.11	5.9	2.36	109.8
230	10/16/2009 19:31	15.48	48.37	31.59	9.11	8.08	4.7	2.45	110.7
231	10/16/2009 19:46	15.40	48.39	31.60	9.04	8.08	4.7	2.55	109.7
232	10/16/2009 20:01	15.20	48.48	31.66	9.10	8.05	4.9	2.65	110.1
233	10/16/2009 20:16	15.03	48.52	31.68	8.49	8.04	4.8	2.75	102.3
234	10/16/2009 20:31	14.94	48.48	31.65	8.18	8.01	5.7	2.85	98.3
235	10/16/2009 20:46	14.89	48.54	31.69	8.35	8.02	5.7	2.93	100.3
236	10/16/2009 21:01	14.72	48.52	31.68	8.30	8.00	6.6	3.03	99.4
237	10/16/2009 21:16	14.61	48.61	31.74	8.28	7.99	7.4	3.13	99.0
238	10/16/2009 21:31	14.49	48.58	31.71	8.27	7.99	8.1	3.22	98.6
239	10/16/2009 21:46	14.27	48.49	31.64	8.37	7.99	8.5	3.31	99.3
240	10/16/2009 22:01	14.12	48.47	31.63	8.36	7.98	8.5	3.41	98.8
241	10/16/2009 22:16	14.00	48.39	31.56	8.34	7.98	8.2	3.50	98.4
242	10/16/2009 22:31	13.80	48.56	31.68	8.43	7.99	7.1	3.58	99.1
243	10/16/2009 22:46	13.66	48.61	31.71	8.47	8.03	6.2	3.67	99.4
244	10/16/2009 23:01	13.57	48.62	31.71	8.61	8.04	6.2	3.76	100.8
245	10/16/2009 23:16	13.53	48.61	31.71	8.63	8.05	4.5	3.82	100.9
246	10/16/2009 23:31	13.57	48.60	31.70	8.50	8.04	3.4	3.87	99.5
247	10/16/2009 23:46	13.54	48.53	31.65	8.46	8.00	3.1	3.90	98.9
248	10/17/2009 0:01	13.84	48.49	31.63	8.32	7.99	3.8	3.92	97.8
249	10/17/2009 0:16	13.64	48.58	31.69	8.46	8.04	3.4	3.91	99.1
250	10/17/2009 0:31	13.61	48.38	31.54	8.46	8.00	4.9	3.85	98.9
251	10/17/2009 0:46	13.76	48.46	31.60	8.30	7.99	4.5	3.80	97.5
252	10/17/2009 1:01	13.82	48.52	31.65	8.04	7.97	5.2	3.72	94.5
253	10/17/2009 1:16	13.82	48.62	31.72	8.17	8.01	4.5	3.62	96.1
254	10/17/2009 1:31	13.97	48.50	31.64	8.03	8.00	4.5	3.52	94.7
255	10/17/2009 1:46	13.97	48.52	31.66	8.19	7.97	4.9	3.40	96.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
256	10/17/2009 2:01	14.20	48.39	31.57	8.02	7.97	4.8	3.30	95.0
257	10/17/2009 2:16	14.40	48.54	31.69	7.86	7.97	4.3	3.21	93.5
258	10/17/2009 2:31	14.61	48.32	31.53	7.89	8.06	5.4	3.10	94.2
259	10/17/2009 2:46	14.63	48.44	31.62	7.93	7.98	5.2	2.99	94.8
260	10/17/2009 3:01	14.83	48.54	31.69	7.86	7.98	4.7	2.90	94.4
261	10/17/2009 3:16	15.03	48.39	31.59	7.76	7.98	4.1	2.80	93.5
262	10/17/2009 3:31	15.05	48.33	31.55	7.83	7.99	4.1	2.69	94.3
263	10/17/2009 3:46	15.07	48.53	31.69	7.71	7.98	4.1	2.59	93.0
264	10/17/2009 4:01	14.96	48.52	31.69	7.79	7.99	4.2	2.52	93.8
265	10/17/2009 4:16	14.89	48.52	31.68	7.76	7.97	4.4	2.42	93.3
266	10/17/2009 4:31	14.94	48.30	31.52	7.94	7.98	3.8	2.35	95.4
267	10/17/2009 4:46	14.95	48.40	31.60	7.82	7.98	4.0	2.29	94.1
268	10/17/2009 5:01	15.00	48.37	31.58	7.72	7.97	3.9	2.22	93.0
269	10/17/2009 5:16	15.14	48.52	31.68	7.84	7.99	3.8	2.22	94.6
270	10/17/2009 5:31	15.37	48.49	31.67	8.43	8.01	3.5	2.18	102.3
271	10/17/2009 5:46	15.27	48.46	31.64	7.82	7.99	3.4	2.23	94.7
272	10/17/2009 6:01	15.38	48.38	31.59	8.01	8.04	3.1	2.25	97.1
273	10/17/2009 6:16	15.33	48.36	31.57	8.06	8.01	3.2	2.31	97.7
274	10/17/2009 6:31	15.37	48.49	31.67	8.10	8.05	3.9	2.40	98.2
275	10/17/2009 6:46	15.48	48.23	31.49	7.97	8.04	4.9	2.46	96.7
276	10/17/2009 7:01	15.55	48.20	31.46	8.02	8.03	5.3	2.58	97.5
277	10/17/2009 7:16	15.31	48.20	31.46	7.91	7.99	5.2	2.66	95.7
278	10/17/2009 7:31	15.11	48.19	31.45	7.89	7.99	5.4	2.77	95.1
279	10/17/2009 7:46	14.96	48.36	31.56	7.91	7.98	4.8	2.84	95.1
280	10/17/2009 8:01	14.69	48.26	31.49	7.96	7.97	5.1	2.95	95.2
281	10/17/2009 8:16	14.64	48.56	31.70	7.97	7.97	5.8	3.05	95.3
282	10/17/2009 8:31	14.48	48.43	31.61	7.98	7.97	6.2	3.13	95.0
283	10/17/2009 8:46	14.31	48.51	31.66	8.01	7.97	6.8	3.25	95.1
284	10/17/2009 9:01	14.19	48.15	31.40	8.08	8.08	8.1	3.35	95.5
285	10/17/2009 9:16	14.13	48.44	31.60	8.09	7.97	8.2	3.45	95.7
286	10/17/2009 9:31	13.84	48.52	31.65	8.15	7.97	8.2	3.57	95.9
287	10/17/2009 9:46	13.64	48.43	31.58	8.22	7.98	8.9	3.68	96.3
288	10/17/2009 10:01	13.36	48.45	31.58	8.35	7.99	7.4	3.78	97.2
289	10/17/2009 10:16	13.17	48.52	31.63	8.42	7.99	6.8	3.90	97.7
290	10/17/2009 10:31	13.11	48.38	31.52	8.42	7.99	5.7	3.99	97.5
291	10/17/2009 10:46	13.10	48.56	31.66	8.50	8.06	4.8	4.08	98.5
292	10/17/2009 11:01	13.09	48.46	31.59	8.42	8.00	4.3	4.16	97.5
293	10/17/2009 11:16	13.04	48.48	31.59	8.61	8.00	3.5	4.24	99.6
294	10/17/2009 11:31	12.91	48.43	31.55	8.58	8.00	2.9	4.29	99.0
295	10/17/2009 11:46	12.92	48.57	31.65	8.41	8.07	2.5	4.31	97.1
296	10/17/2009 12:01	13.33	48.46	31.59	8.32	8.00	3.4	4.33	96.8
297	10/17/2009 12:16	13.10	48.55	31.65	8.37	8.00	2.9	4.32	96.9
298	10/17/2009 12:31	12.91	48.48	31.59	8.42	8.00	3.1	4.26	97.1
299	10/17/2009 12:46	13.13	48.57	31.66	8.52	8.07	4.3	4.18	98.8
300	10/17/2009 13:01	13.22	48.54	31.65	8.63	8.07	5.6	4.08	100.2
301	10/17/2009 13:16	13.63	48.53	31.65	8.88	8.08	4.5	3.97	104.0
302	10/17/2009 13:31	13.75	48.56	31.68	8.78	8.07	5.4	3.85	103.1
303	10/17/2009 13:46	13.79	48.34	31.52	8.43	8.00	8.0	3.72	98.9
304	10/17/2009 14:01	13.87	48.50	31.64	8.45	8.05	6.5	3.59	99.5
305	10/17/2009 14:16	14.00	48.50	31.64	8.34	8.04	6.9	3.44	98.4
306	10/17/2009 14:31	14.20	48.53	31.67	8.81	8.04	8.2	3.33	104.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
307	10/17/2009 14:46	14.49	48.32	31.52	8.66	8.01	6.2	3.19	103.1
308	10/17/2009 15:01	14.74	48.43	31.61	8.37	8.02	8.1	3.03	100.2
309	10/17/2009 15:16	14.88	48.36	31.56	8.46	8.03	6.9	2.91	101.6
310	10/17/2009 15:31	14.78	48.23	31.47	8.61	8.03	6.1	2.77	103.1
311	10/17/2009 15:46	14.84	48.33	31.54	8.84	8.04	5.7	2.63	106.0
312	10/17/2009 16:01	14.82	48.44	31.62	9.20	8.07	5.3	2.48	110.4
313	10/17/2009 16:16	14.79	48.31	31.52	9.15	8.07	5.1	2.35	109.6
314	10/17/2009 16:31	15.08	48.45	31.63	10.45	8.09	5.7	2.22	126.0
315	10/17/2009 16:46	15.21	48.38	31.59	8.83	8.09	6.0	2.07	106.7
316	10/17/2009 17:01	15.22	48.37	31.58	8.70	8.09	6.0	1.93	105.1
317	10/17/2009 17:16	15.32	48.44	31.63	8.79	8.09	5.6	1.83	106.5
318	10/17/2009 17:31	15.45	48.24	31.49	8.70	8.08	5.6	1.74	105.6
319	10/17/2009 17:46	15.66	48.39	31.61	8.81	8.09	5.7	1.66	107.5
320	10/17/2009 18:01	15.81	48.38	31.60	8.65	8.09	5.3	1.61	105.8
321	10/17/2009 18:16	16.11	48.44	31.65	8.54	8.10	5.2	1.63	105.1
322	10/17/2009 18:31	15.84	48.30	31.54	9.32	8.10	4.5	1.64	114.1
323	10/17/2009 18:46	16.24	48.34	31.58	8.61	8.10	4.6	1.70	106.2
324	10/17/2009 19:01	16.26	48.32	31.56	8.59	8.10	4.7	1.80	106.0
325	10/17/2009 19:16	16.23	48.18	31.46	8.66	8.10	4.6	1.87	106.8
326	10/17/2009 19:31	16.40	47.98	31.31	8.36	8.07	6.4	1.99	103.2
327	10/17/2009 19:46	16.42	47.93	31.28	8.24	8.06	6.0	2.10	101.8
328	10/17/2009 20:01	16.22	47.92	31.27	8.28	8.07	6.0	2.18	101.9
329	10/17/2009 20:16	15.87	48.19	31.46	8.39	8.07	5.4	2.29	102.6
330	10/17/2009 20:31	15.79	48.14	31.42	8.46	8.07	4.9	2.40	103.3
331	10/17/2009 20:46	15.68	48.33	31.56	8.43	8.06	5.1	2.49	102.9
332	10/17/2009 21:01	15.50	48.39	31.60	8.28	8.05	5.4	2.61	100.7
333	10/17/2009 21:16	15.47	48.35	31.57	8.19	8.04	5.7	2.71	99.5
334	10/17/2009 21:31	15.39	48.27	31.51	8.13	8.03	6.1	2.82	98.6
335	10/17/2009 21:46	15.26	48.36	31.57	8.12	8.03	6.8	2.92	98.2
336	10/17/2009 22:01	15.06	48.43	31.62	8.20	8.03	7.3	3.02	98.9
337	10/17/2009 22:16	15.00	48.24	31.48	8.15	7.99	8.2	3.12	98.0
338	10/17/2009 22:31	14.82	48.44	31.62	8.24	8.03	8.1	3.21	98.9
339	10/17/2009 22:46	14.51	48.33	31.53	8.27	8.03	10.1	3.31	98.6
340	10/17/2009 23:01	14.28	48.28	31.49	8.31	7.98	9.4	3.41	98.5
341	10/17/2009 23:16	14.06	48.44	31.60	8.35	8.04	9.0	3.49	98.7
342	10/17/2009 23:31	13.88	48.44	31.59	8.39	8.05	7.1	3.58	98.8
343	10/17/2009 23:46	13.78	48.33	31.51	8.44	7.99	6.2	3.67	99.0
344	10/18/2009 0:01	13.68	48.34	31.52	8.46	7.99	5.5	3.74	99.0
345	10/18/2009 0:16	13.66	48.19	31.40	8.43	7.99	4.7	3.80	98.6
346	10/18/2009 0:31	13.59	48.25	31.45	8.44	7.99	3.3	3.86	98.6
347	10/18/2009 0:46	13.50	48.36	31.52	8.39	7.99	2.8	3.89	97.9
348	10/18/2009 1:01	13.92	48.28	31.48	8.24	7.98	3.7	3.90	96.9
349	10/18/2009 1:16	13.67	48.30	31.49	8.31	7.99	3.1	3.87	97.3
350	10/18/2009 1:31	13.70	48.32	31.50	8.32	7.99	4.0	3.84	97.5
351	10/18/2009 1:46	13.62	48.29	31.48	8.35	7.99	4.2	3.77	97.6
352	10/18/2009 2:01	13.88	48.38	31.55	8.10	7.97	5.5	3.67	95.3
353	10/18/2009 2:16	13.96	48.39	31.56	8.12	8.02	7.3	3.58	95.6
354	10/18/2009 2:31	14.05	48.40	31.57	8.00	7.96	4.7	3.48	94.4
355	10/18/2009 2:46	14.21	48.33	31.53	7.99	7.96	5.8	3.36	94.6
356	10/18/2009 3:01	14.32	48.40	31.58	7.82	7.95	4.5	3.26	92.8
357	10/18/2009 3:16	14.59	48.26	31.48	7.78	7.95	4.8	3.16	92.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
358	10/18/2009 3:31	14.79	48.41	31.60	7.59	7.95	4.4	3.05	91.0
359	10/18/2009 3:46	14.83	48.23	31.47	7.65	7.95	4.9	2.95	91.7
360	10/18/2009 4:01	14.92	48.37	31.57	7.51	7.94	4.8	2.87	90.3
361	10/18/2009 4:16	15.05	48.27	31.50	7.32	7.93	4.0	2.77	88.1
362	10/18/2009 4:31	15.08	48.35	31.56	7.31	7.93	4.0	2.69	88.1
363	10/18/2009 4:46	15.05	48.44	31.62	7.37	7.93	3.8	2.61	88.9
364	10/18/2009 5:01	15.05	48.31	31.53	7.31	7.93	4.0	2.51	88.0
365	10/18/2009 5:16	15.04	48.37	31.58	7.38	7.93	4.2	2.47	88.9
366	10/18/2009 5:31	15.03	48.35	31.56	7.31	7.92	4.0	2.40	88.0
367	10/18/2009 5:46	15.11	48.40	31.59	7.35	7.97	3.8	2.36	88.7
368	10/18/2009 6:01	15.20	48.28	31.51	7.39	7.98	3.7	2.33	89.2
369	10/18/2009 6:16	15.32	48.34	31.56	7.42	7.99	3.5	2.33	89.8
370	10/18/2009 6:31	15.23	48.37	31.58	7.40	7.98	3.2	2.37	89.5
371	10/18/2009 6:46	15.26	48.27	31.50	7.50	7.99	3.1	2.38	90.7
372	10/18/2009 7:01	15.34	48.34	31.56	7.58	8.00	3.2	2.42	91.8
373	10/18/2009 7:16	15.35	48.20	31.46	7.63	8.00	3.8	2.53	92.4
374	10/18/2009 7:31	15.38	48.00	31.31	7.78	7.99	7.1	2.61	94.2
375	10/18/2009 7:46	15.29	48.18	31.44	7.55	7.99	6.0	2.69	91.3
376	10/18/2009 8:01	15.15	48.31	31.53	7.57	7.99	5.6	2.80	91.4
377	10/18/2009 8:16	15.04	47.98	31.29	7.61	7.99	5.4	2.90	91.5
378	10/18/2009 8:31	14.88	48.36	31.57	7.68	7.99	5.2	2.98	92.2
379	10/18/2009 8:46	14.61	48.17	31.42	7.89	7.95	5.2	3.08	94.1
380	10/18/2009 9:01	14.57	48.35	31.55	7.93	7.96	6.4	3.18	94.6
381	10/18/2009 9:16	14.43	48.37	31.56	7.97	8.01	7.1	3.27	94.8
382	10/18/2009 9:31	14.28	48.30	31.50	8.05	7.96	7.6	3.38	95.5
383	10/18/2009 9:46	14.15	48.32	31.52	8.08	7.96	8.1	3.49	95.6
384	10/18/2009 10:01	13.88	48.13	31.37	8.22	7.96	7.7	3.59	96.6
385	10/18/2009 10:16	13.66	48.33	31.51	8.26	8.04	7.8	3.69	96.7
386	10/18/2009 10:31	13.43	48.22	31.42	8.36	7.97	7.8	3.81	97.3
387	10/18/2009 10:46	13.14	48.14	31.35	8.43	7.98	6.8	3.91	97.6
388	10/18/2009 11:01	13.01	48.25	31.43	8.46	7.98	5.9	4.01	97.7
389	10/18/2009 11:16	12.93	48.18	31.38	8.50	7.98	5.1	4.10	97.9
390	10/18/2009 11:31	12.85	48.27	31.44	8.52	7.98	4.1	4.19	98.0
391	10/18/2009 11:46	12.81	48.17	31.37	8.52	7.99	3.8	4.26	97.9
392	10/18/2009 12:01	12.80	48.31	31.47	8.52	7.99	2.6	4.31	97.9
393	10/18/2009 12:16	12.73	48.12	31.32	8.48	7.99	2.6	4.36	97.3
394	10/18/2009 12:31	12.98	48.15	31.36	8.43	7.99	2.7	4.37	97.3
395	10/18/2009 12:46	12.85	48.25	31.42	8.49	7.98	3.4	4.36	97.7
396	10/18/2009 13:01	12.91	48.30	31.46	8.42	8.07	2.9	4.33	97.0
397	10/18/2009 13:16	12.76	48.35	31.49	8.49	8.08	3.7	4.25	97.5
398	10/18/2009 13:31	13.11	48.30	31.47	8.79	8.09	4.6	4.15	101.7
399	10/18/2009 13:46	13.25	48.17	31.38	8.86	8.01	5.7	4.05	102.8
400	10/18/2009 14:01	13.48	48.27	31.46	9.05	8.03	4.5	3.93	105.6
401	10/18/2009 14:16	13.56	48.22	31.43	8.66	8.00	7.6	3.79	101.2
402	10/18/2009 14:31	13.63	48.25	31.45	8.55	7.99	6.2	3.66	100.0
403	10/18/2009 14:46	13.80	48.16	31.39	8.62	7.99	5.8	3.52	101.2
404	10/18/2009 15:01	13.92	48.29	31.49	8.53	7.99	6.3	3.38	100.4
405	10/18/2009 15:16	14.19	48.31	31.51	8.50	7.99	6.3	3.24	100.6
406	10/18/2009 15:31	14.44	48.37	31.56	8.54	8.05	6.2	3.11	101.6
407	10/18/2009 15:46	14.80	48.38	31.58	8.55	8.06	6.5	2.96	102.5
408	10/18/2009 16:01	14.76	48.34	31.55	8.69	8.01	5.4	2.81	104.0

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
409	10/18/2009 16:16	14.55	48.33	31.53	8.93	8.09	4.6	2.67	106.5
410	10/18/2009 16:31	14.48	48.26	31.48	9.40	8.12	3.9	2.52	111.9
411	10/18/2009 16:46	14.68	48.38	31.58	9.29	8.06	5.1	2.36	111.1
412	10/18/2009 17:01	15.00	48.31	31.53	9.29	8.05	6.7	2.21	111.8
413	10/18/2009 17:16	15.10	48.10	31.38	9.18	8.11	7.3	2.07	110.5
414	10/18/2009 17:31	15.18	48.30	31.53	9.13	8.11	6.3	1.92	110.2
415	10/18/2009 17:46	15.40	48.21	31.47	8.91	8.09	6.5	1.78	108.0
416	10/18/2009 18:01	15.51	48.38	31.59	8.75	8.08	6.2	1.66	106.4
417	10/18/2009 18:16	15.61	48.37	31.59	8.74	8.08	5.8	1.59	106.5
418	10/18/2009 18:31	15.68	48.41	31.61	8.73	8.08	5.5	1.53	106.5
419	10/18/2009 18:46	15.79	48.01	31.33	8.71	8.08	5.2	1.48	106.3
420	10/18/2009 19:01	15.79	48.36	31.58	8.77	8.09	4.8	1.49	107.2
421	10/18/2009 19:16	16.01	48.31	31.55	8.64	8.08	4.5	1.52	106.1
422	10/18/2009 19:31	16.01	48.37	31.59	8.59	8.08	4.5	1.61	105.5
423	10/18/2009 19:46	16.21	48.18	31.46	8.54	8.07	4.6	1.69	105.1
424	10/18/2009 20:01	16.16	48.24	31.50	8.52	8.07	4.5	1.78	104.9
425	10/18/2009 20:16	16.26	48.03	31.35	8.13	8.03	6.2	1.88	100.2
426	10/18/2009 20:31	16.25	47.90	31.26	8.03	8.02	5.9	2.00	98.9
427	10/18/2009 20:46	16.10	48.10	31.40	8.18	8.03	6.5	2.07	100.5
428	10/18/2009 21:01	15.84	48.20	31.47	8.32	8.05	5.2	2.17	101.8
429	10/18/2009 21:16	15.76	48.28	31.53	8.47	8.05	4.8	2.29	103.4
430	10/18/2009 21:31	15.68	48.29	31.53	8.37	8.05	5.1	2.39	102.1
431	10/18/2009 21:46	15.54	48.30	31.53	8.25	8.04	5.0	2.49	100.3
432	10/18/2009 22:01	15.51	48.16	31.43	8.33	8.03	5.2	2.60	101.2
433	10/18/2009 22:16	15.43	48.35	31.57	8.16	8.02	5.5	2.72	99.1
434	10/18/2009 22:31	15.34	48.25	31.49	8.11	8.02	6.3	2.82	98.3
435	10/18/2009 22:46	15.17	48.37	31.58	8.18	8.03	6.7	2.91	98.8
436	10/18/2009 23:01	15.10	48.32	31.54	8.19	7.97	7.2	3.01	98.7
437	10/18/2009 23:16	14.98	48.29	31.52	8.19	7.97	8.7	3.11	98.4
438	10/18/2009 23:31	14.69	48.21	31.45	8.31	7.97	9.5	3.21	99.3
439	10/18/2009 23:46	14.18	48.24	31.46	8.38	7.97	9.0	3.31	99.1
440	10/19/2009 0:01	14.03	48.31	31.51	8.41	7.97	8.2	3.39	99.2
441	10/19/2009 0:16	13.85	48.33	31.52	8.44	8.06	7.6	3.48	99.2
442	10/19/2009 0:31	13.73	48.24	31.44	8.48	7.98	7.0	3.57	99.4
443	10/19/2009 0:46	13.62	48.37	31.54	8.55	8.07	6.2	3.64	100.0
444	10/19/2009 1:01	13.56	48.09	31.33	8.51	7.98	4.7	3.71	99.3
445	10/19/2009 1:16	13.57	48.32	31.50	8.50	7.98	3.7	3.77	99.4
446	10/19/2009 1:31	13.54	48.38	31.54	8.46	8.07	3.7	3.81	98.8
447	10/19/2009 1:46	13.83	48.26	31.46	8.32	8.06	3.4	3.81	97.7
448	10/19/2009 2:01	13.48	48.35	31.52	8.56	7.98	3.4	3.82	99.9
449	10/19/2009 2:16	13.29	48.36	31.52	8.51	8.08	3.8	3.78	98.9
450	10/19/2009 2:31	13.41	48.37	31.53	8.46	8.07	4.3	3.72	98.5
451	10/19/2009 2:46	13.87	48.28	31.48	8.04	8.04	5.1	3.65	94.5
452	10/19/2009 3:01	13.86	48.29	31.49	7.78	7.95	5.4	3.55	91.4
453	10/19/2009 3:16	13.99	48.24	31.46	8.06	7.95	5.3	3.45	94.9
454	10/19/2009 3:31	14.15	48.25	31.46	8.15	7.94	4.6	3.35	96.3
455	10/19/2009 3:46	14.05	48.35	31.53	7.99	8.02	4.6	3.25	94.3
456	10/19/2009 4:01	14.40	48.27	31.49	7.76	7.93	3.9	3.16	92.2
457	10/19/2009 4:16	14.62	48.32	31.53	7.68	8.00	3.9	3.05	91.7
458	10/19/2009 4:31	14.63	48.29	31.51	7.51	7.91	3.7	2.98	89.7
459	10/19/2009 4:46	14.79	48.30	31.52	7.52	7.92	3.6	2.89	90.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
460	10/19/2009 5:01	14.83	48.26	31.49	7.23	7.89	3.7	2.81	86.7
461	10/19/2009 5:16	14.93	48.33	31.54	7.24	7.96	3.8	2.73	87.0
462	10/19/2009 5:31	14.99	48.33	31.55	7.29	7.97	3.5	2.67	87.7
463	10/19/2009 5:46	14.95	48.34	31.55	7.16	7.96	3.9	2.60	86.1
464	10/19/2009 6:01	14.91	48.35	31.56	7.22	7.96	3.5	2.55	86.7
465	10/19/2009 6:16	14.91	48.35	31.56	7.32	7.98	3.5	2.51	88.0
466	10/19/2009 6:31	14.91	48.38	31.58	7.33	7.98	3.6	2.48	88.1
467	10/19/2009 6:46	15.05	48.28	31.51	7.49	7.99	3.6	2.47	90.2
468	10/19/2009 7:01	14.95	48.20	31.45	7.42	7.91	3.3	2.47	89.2
469	10/19/2009 7:16	14.91	48.22	31.47	7.34	7.90	3.4	2.50	88.1
470	10/19/2009 7:31	14.92	48.31	31.53	7.41	7.91	3.4	2.54	89.1
471	10/19/2009 7:46	15.02	48.35	31.56	7.59	8.00	3.5	2.59	91.4
472	10/19/2009 8:01	15.00	48.36	31.56	7.63	8.00	4.2	2.67	91.8
473	10/19/2009 8:16	15.03	48.21	31.46	7.57	7.99	6.5	2.75	91.1
474	10/19/2009 8:31	14.88	48.16	31.42	7.59	7.92	5.6	2.84	91.0
475	10/19/2009 8:46	14.78	48.20	31.45	7.69	7.92	5.1	2.92	92.0
476	10/19/2009 9:01	14.73	48.23	31.46	7.74	7.92	4.8	3.01	92.6
477	10/19/2009 9:16	14.37	48.34	31.54	7.96	7.94	4.7	3.10	94.6
478	10/19/2009 9:31	14.26	48.27	31.48	8.08	8.03	5.2	3.19	95.7
479	10/19/2009 9:46	14.18	48.29	31.50	8.10	8.04	5.3	3.29	95.8
480	10/19/2009 10:01	14.02	48.15	31.39	8.16	7.95	6.2	3.39	96.1
481	10/19/2009 10:16	13.83	48.37	31.54	8.20	8.05	5.9	3.48	96.4
482	10/19/2009 10:31	13.68	48.36	31.53	8.27	8.06	5.9	3.58	96.8
483	10/19/2009 10:46	13.47	48.34	31.51	8.31	7.96	5.9	3.68	97.0
484	10/19/2009 11:01	13.13	48.41	31.55	8.36	8.07	5.9	3.79	96.8
485	10/19/2009 11:16	12.89	48.30	31.46	8.42	7.96	5.1	3.89	97.0
486	10/19/2009 11:31	12.68	48.45	31.56	8.46	7.96	4.0	3.98	97.1
487	10/19/2009 11:46	12.44	48.55	31.62	8.44	8.08	3.8	4.07	96.5
488	10/19/2009 12:01	12.35	48.56	31.62	8.41	8.08	3.1	4.15	95.9
489	10/19/2009 12:16	12.35	48.47	31.56	8.36	7.96	2.8	4.22	95.3
490	10/19/2009 12:31	12.34	48.53	31.60	8.67	7.96	2.4	4.28	98.8
491	10/19/2009 12:46	12.34	48.60	31.66	8.36	8.08	2.0	4.32	95.3
492	10/19/2009 13:01	12.29	48.56	31.62	8.26	8.08	1.6	4.34	94.0
493	10/19/2009 13:16	12.56	48.54	31.62	8.28	8.08	2.3	4.34	94.8
494	10/19/2009 13:31	12.31	48.50	31.58	8.30	8.07	2.4	4.31	94.6
495	10/19/2009 13:46	12.34	48.47	31.56	8.33	7.95	2.7	4.26	94.9
496	10/19/2009 14:01	12.45	48.48	31.57	8.37	7.96	3.2	4.17	95.6
497	10/19/2009 14:16	12.89	48.49	31.60	8.84	8.11	3.7	4.07	101.9
498	10/19/2009 14:31	13.08	48.41	31.55	9.05	8.01	3.7	3.96	104.7
499	10/19/2009 14:46	13.21	48.34	31.50	8.86	8.11	4.8	3.83	102.7
500	10/19/2009 15:01	13.40	48.29	31.47	8.68	7.98	4.9	3.71	101.0
501	10/19/2009 15:16	13.53	48.43	31.58	8.57	7.98	4.9	3.59	100.1
502	10/19/2009 15:31	13.66	48.40	31.56	8.60	7.98	4.9	3.45	100.7
503	10/19/2009 15:46	13.94	48.28	31.48	8.65	8.09	5.4	3.31	101.9
504	10/19/2009 16:01	14.15	48.34	31.53	8.73	7.99	5.3	3.18	103.3
505	10/19/2009 16:16	14.37	48.36	31.55	8.75	8.09	5.3	3.04	103.9
506	10/19/2009 16:31	14.56	48.31	31.52	8.86	8.01	4.9	2.89	105.6
507	10/19/2009 16:46	14.44	48.33	31.53	9.33	8.12	4.9	2.75	111.0
508	10/19/2009 17:01	14.40	48.29	31.50	9.36	8.14	4.8	2.61	111.2
509	10/19/2009 17:16	14.40	48.36	31.55	9.75	8.16	4.6	2.46	115.9
510	10/19/2009 17:31	14.57	48.24	31.47	9.46	8.06	5.7	2.30	112.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
511	10/19/2009 17:46	14.70	48.26	31.48	9.54	8.06	6.2	2.16	114.1
512	10/19/2009 18:01	14.80	48.29	31.51	9.33	8.14	6.4	2.01	111.8
513	10/19/2009 18:16	14.97	48.12	31.39	9.17	8.04	6.2	1.86	110.2
514	10/19/2009 18:31	15.09	48.31	31.53	8.95	8.03	6.1	1.74	107.9
515	10/19/2009 18:46	15.16	48.03	31.33	8.86	8.02	5.5	1.63	106.8
516	10/19/2009 19:01	15.31	48.33	31.55	8.80	8.02	5.6	1.54	106.6
517	10/19/2009 19:16	15.53	48.27	31.51	8.77	8.02	5.6	1.49	106.7
518	10/19/2009 19:31	15.60	48.30	31.54	8.78	8.02	5.4	1.47	106.9
519	10/19/2009 19:46	15.41	48.19	31.45	8.76	8.02	4.5	1.48	106.2
520	10/19/2009 20:01	15.82	48.18	31.45	8.76	8.03	4.6	1.53	107.0
521	10/19/2009 20:16	15.84	48.21	31.47	8.72	8.02	4.7	1.61	106.7
522	10/19/2009 20:31	15.96	48.29	31.53	8.69	8.02	5.0	1.70	106.5
523	10/19/2009 20:46	15.92	48.34	31.57	8.68	8.02	4.9	1.79	106.4
524	10/19/2009 21:01	15.94	47.94	31.28	8.18	7.96	6.5	1.89	100.1
525	10/19/2009 21:16	15.90	47.86	31.22	8.11	8.02	6.3	1.98	99.2
526	10/19/2009 21:31	15.81	48.08	31.38	8.30	7.98	7.0	2.08	101.4
527	10/19/2009 21:46	15.62	48.07	31.37	8.45	7.99	5.2	2.17	102.9
528	10/19/2009 22:01	15.56	48.22	31.47	8.47	7.99	5.1	2.27	103.0
529	10/19/2009 22:16	15.52	48.02	31.33	8.51	7.99	4.9	2.38	103.3
530	10/19/2009 22:31	15.36	48.06	31.36	8.45	7.99	4.8	2.48	102.3
531	10/19/2009 22:46	15.32	48.11	31.39	8.38	7.98	4.8	2.59	101.3
532	10/19/2009 23:01	15.29	48.24	31.49	8.30	7.97	5.1	2.70	100.4
533	10/19/2009 23:16	15.22	48.09	31.38	8.24	7.97	5.8	2.80	99.5
534	10/19/2009 23:31	15.08	48.30	31.52	8.32	8.05	5.6	2.89	100.2
535	10/19/2009 23:46	14.96	48.23	31.47	8.30	7.96	5.9	2.99	99.8
536	10/20/2009 0:01	14.92	48.04	31.33	8.30	7.96	6.5	3.09	99.6
537	10/20/2009 0:16	14.71	48.29	31.51	7.87	8.05	7.9	3.17	94.1
538	10/20/2009 0:31	14.39	48.26	31.48	8.37	8.06	8.4	3.26	99.5
539	10/20/2009 0:46	14.14	48.25	31.47	8.39	7.96	8.2	3.34	99.2
540	10/20/2009 1:01	13.80	48.37	31.54	8.43	8.07	7.3	3.43	99.0
541	10/20/2009 1:16	13.60	48.42	31.58	8.45	8.07	6.5	3.50	98.9
542	10/20/2009 1:31	13.47	48.31	31.49	8.48	7.96	5.7	3.58	98.9
543	10/20/2009 1:46	13.38	48.46	31.59	8.47	8.07	4.8	3.64	98.7
544	10/20/2009 2:01	13.36	48.44	31.58	8.45	8.07	3.9	3.69	98.3
545	10/20/2009 2:16	13.29	48.38	31.53	8.45	8.08	3.1	3.73	98.2
546	10/20/2009 2:31	13.32	48.41	31.56	8.34	8.07	2.9	3.75	97.0
547	10/20/2009 2:46	13.49	48.38	31.54	8.36	7.96	3.5	3.75	97.6
548	10/20/2009 3:01	13.25	48.47	31.60	8.39	8.07	3.7	3.71	97.4
549	10/20/2009 3:16	13.24	48.37	31.52	8.37	7.96	3.4	3.68	97.2
550	10/20/2009 3:31	13.46	48.37	31.53	8.27	7.95	4.2	3.62	96.4
551	10/20/2009 3:46	13.82	48.20	31.42	8.08	7.94	4.5	3.54	94.8
552	10/20/2009 4:01	13.82	48.39	31.55	8.11	8.05	5.9	3.45	95.3
553	10/20/2009 4:16	13.94	48.05	31.31	8.05	7.93	4.9	3.36	94.7
554	10/20/2009 4:31	14.15	48.36	31.55	7.84	7.92	4.3	3.28	92.7
555	10/20/2009 4:46	14.16	48.33	31.53	7.86	8.01	3.8	3.19	93.0
556	10/20/2009 5:01	14.20	48.30	31.50	7.70	7.91	3.7	3.11	91.2
557	10/20/2009 5:16	14.19	48.29	31.50	7.56	7.90	3.5	3.03	89.5
558	10/20/2009 5:31	14.25	48.37	31.55	7.51	7.89	3.5	2.97	89.1
559	10/20/2009 5:46	14.34	48.36	31.55	7.56	7.99	3.5	2.89	89.8
560	10/20/2009 6:01	14.35	48.15	31.40	7.29	7.88	3.4	2.83	86.5
561	10/20/2009 6:16	14.48	48.20	31.44	7.38	7.88	3.4	2.78	87.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
562	10/20/2009 6:31	14.50	48.36	31.55	7.32	7.88	3.4	2.73	87.2
563	10/20/2009 6:46	14.50	48.37	31.57	7.45	7.99	3.3	2.67	88.7
564	10/20/2009 7:01	14.49	48.34	31.54	7.48	7.99	3.2	2.65	89.1
565	10/20/2009 7:16	14.59	48.24	31.47	7.63	7.91	3.2	2.62	91.0
566	10/20/2009 7:31	14.71	48.33	31.54	7.66	8.01	3.1	2.61	91.6
567	10/20/2009 7:46	14.69	48.34	31.54	7.66	7.92	3.1	2.62	91.6
568	10/20/2009 8:01	14.64	48.21	31.45	7.65	8.01	2.9	2.65	91.4
569	10/20/2009 8:16	14.67	48.34	31.55	7.70	8.01	3.2	2.69	92.1
570	10/20/2009 8:31	14.71	48.23	31.47	7.83	7.93	3.3	2.74	93.6
571	10/20/2009 8:46	14.67	48.24	31.47	7.82	7.93	4.2	2.81	93.5
572	10/20/2009 9:01	14.59	48.30	31.51	7.80	7.92	5.7	2.89	93.0
573	10/20/2009 9:16	14.50	48.16	31.41	7.84	7.92	4.6	2.96	93.3
574	10/20/2009 9:31	14.41	48.28	31.49	7.84	7.92	4.2	3.04	93.2
575	10/20/2009 9:46	14.38	48.23	31.46	7.91	8.02	4.0	3.12	93.9
576	10/20/2009 10:01	14.04	48.29	31.49	8.10	8.04	4.0	3.20	95.6
577	10/20/2009 10:16	13.91	48.25	31.46	8.18	7.94	3.9	3.31	96.3
578	10/20/2009 10:31	13.89	48.36	31.54	8.21	7.94	4.8	3.38	96.6
579	10/20/2009 10:46	13.71	48.40	31.56	8.30	8.06	5.0	3.47	97.3
580	10/20/2009 11:01	13.50	48.43	31.58	8.36	8.06	5.5	3.56	97.7
581	10/20/2009 11:16	13.35	48.15	31.37	8.42	7.95	5.2	3.66	97.9
582	10/20/2009 11:31	13.27	48.44	31.58	8.47	8.07	5.0	3.75	98.4
583	10/20/2009 11:46	12.94	48.44	31.57	8.52	8.08	5.1	3.84	98.3
584	10/20/2009 12:01	12.80	48.36	31.50	8.60	7.97	4.9	3.93	98.9
585	10/20/2009 12:16	12.62	48.50	31.60	8.63	8.09	4.8	4.01	99.0
586	10/20/2009 12:31	12.54	48.45	31.55	8.68	7.97	3.9	4.07	99.3
587	10/20/2009 12:46	12.48	48.54	31.62	8.66	8.10	3.5	4.14	99.0
588	10/20/2009 13:01	12.51	48.39	31.51	8.69	7.97	3.1	4.20	99.3
589	10/20/2009 13:16	12.47	48.50	31.59	8.65	8.10	3.0	4.23	98.9
590	10/20/2009 13:31	12.48	48.50	31.59	8.57	8.10	2.5	4.23	97.9
591	10/20/2009 13:46	12.71	48.53	31.62	8.66	8.10	3.0	4.25	99.5
592	10/20/2009 14:01	12.51	48.56	31.63	8.92	8.09	2.6	4.23	102.1
593	10/20/2009 14:16	12.54	48.50	31.59	8.47	8.09	3.4	4.17	96.9
594	10/20/2009 14:31	12.46	48.54	31.61	8.56	8.09	3.0	4.13	97.8
595	10/20/2009 14:46	12.73	48.40	31.53	8.72	7.99	3.6	4.05	100.2
596	10/20/2009 15:01	13.45	48.21	31.42	9.35	8.03	4.8	3.94	108.9
597	10/20/2009 15:16	13.59	48.47	31.61	9.40	8.13	7.4	3.85	110.0
598	10/20/2009 15:31	13.68	48.36	31.53	9.14	8.01	5.9	3.72	107.1
599	10/20/2009 15:46	13.65	48.39	31.55	9.02	7.99	5.7	3.60	105.7
600	10/20/2009 16:01	13.83	48.43	31.59	9.05	8.12	4.9	3.49	106.4
601	10/20/2009 16:16	13.95	48.35	31.53	9.04	8.11	4.9	3.35	106.5
602	10/20/2009 16:31	14.26	48.39	31.57	9.10	8.11	5.9	3.22	107.9
603	10/20/2009 16:46	14.39	48.29	31.50	9.05	8.11	5.9	3.09	107.6
604	10/20/2009 17:01	14.73	48.28	31.50	9.43	8.13	4.8	2.96	112.8
605	10/20/2009 17:16	14.73	48.11	31.38	9.37	8.03	5.0	2.82	112.0
606	10/20/2009 17:31	14.80	48.25	31.48	9.53	8.06	6.8	2.69	114.1
607	10/20/2009 17:46	14.79	48.34	31.55	9.85	8.16	5.1	2.54	118.0
608	10/20/2009 18:01	14.75	48.36	31.56	9.60	8.14	5.0	2.40	114.9
609	10/20/2009 18:16	14.72	48.33	31.54	9.47	8.04	5.3	2.27	113.3
610	10/20/2009 18:31	14.77	48.34	31.55	9.33	8.04	4.8	2.12	111.7
611	10/20/2009 18:46	14.88	48.34	31.55	9.26	8.13	5.0	1.99	111.2
612	10/20/2009 19:01	14.97	48.11	31.38	9.15	8.03	5.2	1.87	109.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
613	10/20/2009 19:16	15.03	48.35	31.56	9.09	8.12	5.1	1.75	109.5
614	10/20/2009 19:31	15.11	48.31	31.54	9.03	8.11	4.6	1.67	108.9
615	10/20/2009 19:46	15.27	48.33	31.55	9.09	8.12	5.0	1.60	110.0
616	10/20/2009 20:01	15.30	48.22	31.47	9.06	8.02	7.1	1.53	109.7
617	10/20/2009 20:16	15.58	48.14	31.42	9.22	8.04	4.8	1.53	112.2
618	10/20/2009 20:31	15.36	48.32	31.54	9.05	8.03	4.6	1.54	109.6
619	10/20/2009 20:46	15.48	48.32	31.55	9.24	8.13	4.2	1.60	112.3
620	10/20/2009 21:01	15.61	48.16	31.44	9.24	8.04	4.1	1.66	112.5
621	10/20/2009 21:16	15.72	48.26	31.51	9.36	8.05	4.3	1.75	114.3
622	10/20/2009 21:31	15.66	48.34	31.56	9.34	8.05	4.4	1.83	113.9
623	10/20/2009 21:46	15.61	47.94	31.27	8.85	7.99	6.3	1.93	107.6
624	10/20/2009 22:01	15.59	47.90	31.25	8.73	7.98	6.5	2.00	106.1
625	10/20/2009 22:16	15.56	47.98	31.30	8.75	7.98	6.2	2.10	106.3
626	10/20/2009 22:31	15.45	48.11	31.40	8.99	8.01	6.2	2.20	109.1
627	10/20/2009 22:46	15.39	48.19	31.45	9.02	8.01	5.6	2.29	109.3
628	10/20/2009 23:01	15.38	48.22	31.47	9.04	8.10	4.8	2.40	109.6
629	10/20/2009 23:16	15.28	48.17	31.43	9.00	8.01	4.9	2.49	108.8
630	10/20/2009 23:31	15.21	48.01	31.32	8.89	8.00	6.4	2.61	107.2
631	10/20/2009 23:46	15.18	48.25	31.49	8.77	8.09	5.1	2.69	105.8
632	10/21/2009 0:01	15.17	48.33	31.55	8.70	8.08	4.9	2.79	105.1
633	10/21/2009 0:16	15.06	48.18	31.44	8.71	7.98	5.6	2.89	104.9
634	10/21/2009 0:31	14.92	48.20	31.45	8.69	7.98	6.2	2.98	104.4
635	10/21/2009 0:46	14.84	48.15	31.41	8.69	7.98	5.9	3.06	104.2
636	10/21/2009 1:01	14.75	48.33	31.54	8.66	8.08	5.9	3.13	103.7
637	10/21/2009 1:16	14.38	48.31	31.51	8.73	8.09	7.1	3.24	103.7
638	10/21/2009 1:31	14.19	48.36	31.55	8.73	8.09	7.5	3.30	103.4
639	10/21/2009 1:46	13.94	48.38	31.55	8.74	8.09	6.2	3.38	102.9
640	10/21/2009 2:01	13.77	48.36	31.54	8.78	8.10	6.1	3.46	103.0
641	10/21/2009 2:16	13.68	48.15	31.38	8.81	7.98	5.2	3.52	103.2
642	10/21/2009 2:31	13.56	48.38	31.54	8.78	8.10	5.0	3.58	102.7
643	10/21/2009 2:46	13.58	48.19	31.41	8.79	7.98	3.9	3.63	102.7
644	10/21/2009 3:01	13.53	48.27	31.46	8.75	7.98	3.0	3.67	102.1
645	10/21/2009 3:16	13.70	48.39	31.55	8.61	7.97	3.9	3.68	100.9
646	10/21/2009 3:31	13.61	48.37	31.54	8.65	8.09	3.2	3.68	101.2
647	10/21/2009 3:46	13.50	48.35	31.52	8.71	7.98	3.2	3.67	101.6
648	10/21/2009 4:01	13.54	48.39	31.55	8.68	8.09	3.9	3.60	101.4
649	10/21/2009 4:16	13.71	48.39	31.55	8.49	8.08	4.4	3.55	99.5
650	10/21/2009 4:31	14.13	48.25	31.47	8.19	7.94	4.2	3.47	96.7
651	10/21/2009 4:46	14.04	48.21	31.43	8.42	7.95	4.4	3.41	99.3
652	10/21/2009 5:01	14.09	48.33	31.52	8.22	7.94	4.5	3.32	97.1
653	10/21/2009 5:16	14.15	48.24	31.46	8.12	7.94	3.9	3.25	96.0
654	10/21/2009 5:31	14.15	48.29	31.50	8.11	7.93	4.0	3.18	95.9
655	10/21/2009 5:46	14.26	48.37	31.56	7.98	7.92	3.4	3.10	94.6
656	10/21/2009 6:01	14.42	48.34	31.54	7.94	8.03	3.3	3.07	94.5
657	10/21/2009 6:16	14.44	48.24	31.46	7.86	8.02	3.4	2.99	93.5
658	10/21/2009 6:31	14.40	48.22	31.45	7.83	7.91	3.2	2.92	93.0
659	10/21/2009 6:46	14.50	48.32	31.53	7.83	7.91	3.2	2.89	93.3
660	10/21/2009 7:01	14.54	48.24	31.47	7.88	7.92	3.0	2.84	94.0
661	10/21/2009 7:16	14.50	48.33	31.53	7.90	7.92	3.1	2.78	94.1
662	10/21/2009 7:31	14.52	48.22	31.45	7.87	7.92	3.2	2.77	93.7
663	10/21/2009 7:46	14.57	48.26	31.49	7.95	7.93	2.9	2.75	94.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
664	10/21/2009 8:01	14.68	48.21	31.45	8.19	7.94	3.0	2.73	97.9
665	10/21/2009 8:16	14.70	48.16	31.41	8.05	7.94	2.8	2.74	96.2
666	10/21/2009 8:31	14.64	48.33	31.54	8.06	7.94	2.7	2.76	96.3
667	10/21/2009 8:46	14.67	48.31	31.53	8.07	8.04	3.4	2.80	96.4
668	10/21/2009 9:01	14.72	48.29	31.51	8.22	7.95	2.9	2.83	98.3
669	10/21/2009 9:16	14.70	48.32	31.53	8.27	8.06	3.1	2.89	98.9
670	10/21/2009 9:31	14.65	48.23	31.46	8.28	7.95	3.8	2.96	98.9
671	10/21/2009 9:46	14.59	48.26	31.48	8.30	7.95	4.6	3.01	99.0
672	10/21/2009 10:01	14.46	48.15	31.40	8.26	7.94	4.5	3.08	98.2
673	10/21/2009 10:16	14.37	48.29	31.50	8.25	7.94	3.5	3.16	98.0
674	10/21/2009 10:31	14.30	48.32	31.52	8.32	7.95	3.8	3.23	98.7
675	10/21/2009 10:46	14.03	48.24	31.45	8.53	7.96	4.0	3.30	100.7
676	10/21/2009 11:01	13.99	48.21	31.43	8.59	7.96	3.6	3.38	101.2
677	10/21/2009 11:16	13.91	48.26	31.47	8.61	7.97	3.9	3.46	101.3
678	10/21/2009 11:31	13.81	48.39	31.56	8.64	8.09	4.0	3.54	101.5
679	10/21/2009 11:46	13.65	48.43	31.58	8.71	8.09	4.0	3.62	102.0
680	10/21/2009 12:01	13.52	48.42	31.57	8.77	8.10	4.1	3.71	102.4
681	10/21/2009 12:16	13.43	48.42	31.57	8.80	7.98	4.2	3.79	102.5
682	10/21/2009 12:31	13.27	48.47	31.60	8.83	8.11	4.1	3.86	102.6
683	10/21/2009 12:46	13.14	48.47	31.60	8.90	8.12	3.8	3.94	103.2
684	10/21/2009 13:01	13.05	48.41	31.54	8.94	8.12	3.7	4.02	103.4
685	10/21/2009 13:16	12.95	48.41	31.54	8.97	8.00	3.4	4.07	103.5
686	10/21/2009 13:31	12.95	48.54	31.63	9.00	8.13	2.6	4.12	103.9
687	10/21/2009 13:46	12.89	48.41	31.54	8.99	8.00	2.6	4.15	103.7
688	10/21/2009 14:01	12.89	48.51	31.61	8.95	8.13	2.0	4.18	103.3
689	10/21/2009 14:16	13.11	48.51	31.62	8.90	8.13	2.3	4.18	103.1
690	10/21/2009 14:31	12.95	48.46	31.58	8.89	8.12	2.4	4.15	102.6
691	10/21/2009 14:46	12.94	48.50	31.61	8.91	8.12	2.6	4.11	102.8
692	10/21/2009 15:01	12.91	48.35	31.49	8.89	7.99	2.9	4.06	102.5
693	10/21/2009 15:16	13.52	48.43	31.57	9.27	8.15	3.1	3.99	108.2
694	10/21/2009 15:31	13.76	48.39	31.56	9.66	8.04	3.3	3.89	113.3
695	10/21/2009 15:46	13.88	48.34	31.53	9.52	8.04	5.3	3.80	112.0
696	10/21/2009 16:01	13.85	48.39	31.56	9.35	8.13	3.9	3.70	109.9
697	10/21/2009 16:16	13.93	48.43	31.59	9.25	8.13	4.2	3.59	109.0
698	10/21/2009 16:31	14.02	48.35	31.53	9.17	8.01	4.3	3.48	108.1
699	10/21/2009 16:46	14.19	48.37	31.55	9.30	8.00	4.4	3.36	110.1
700	10/21/2009 17:01	14.39	48.26	31.48	9.25	8.01	4.1	3.25	109.9
701	10/21/2009 17:16	14.50	48.21	31.44	9.26	8.01	4.8	3.14	110.2
702	10/21/2009 17:31	14.71	48.24	31.47	9.36	8.03	5.5	3.01	112.0
703	10/21/2009 17:46	14.80	48.28	31.51	9.35	8.03	5.1	2.88	112.0
704	10/21/2009 18:01	14.76	48.38	31.57	9.35	8.14	5.6	2.77	112.0
705	10/21/2009 18:16	14.73	48.37	31.57	9.40	8.03	5.1	2.64	112.6
706	10/21/2009 18:31	14.64	48.40	31.59	9.40	8.14	4.0	2.51	112.3
707	10/21/2009 18:46	14.62	48.39	31.58	9.32	8.14	4.1	2.38	111.3
708	10/21/2009 19:01	14.71	48.37	31.57	9.12	8.13	4.8	2.25	109.1
709	10/21/2009 19:16	14.74	48.39	31.58	9.01	8.12	4.5	2.12	107.9
710	10/21/2009 19:31	14.77	48.33	31.54	8.91	8.11	4.4	1.98	106.7
711	10/21/2009 19:46	14.88	48.39	31.58	8.88	8.11	4.0	1.90	106.6
712	10/21/2009 20:01	14.97	48.26	31.49	8.90	8.00	3.8	1.79	107.0
713	10/21/2009 20:16	14.99	48.34	31.55	8.87	8.11	4.0	1.70	106.7
714	10/21/2009 20:31	15.11	48.12	31.39	8.91	8.00	4.1	1.67	107.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
715	10/21/2009 20:46	15.27	48.34	31.56	9.02	8.02	4.0	1.64	109.1
716	10/21/2009 21:01	15.31	48.29	31.53	9.05	8.02	4.0	1.63	109.6
717	10/21/2009 21:16	15.20	48.31	31.53	8.99	8.12	3.6	1.64	108.6
718	10/21/2009 21:31	15.49	48.33	31.56	9.18	8.13	3.2	1.67	111.5
719	10/21/2009 21:46	15.45	48.29	31.53	9.20	8.03	3.3	1.74	111.7
720	10/21/2009 22:01	15.54	48.32	31.55	9.26	8.14	3.4	1.80	112.6
721	10/21/2009 22:16	15.50	48.21	31.47	9.29	8.04	3.3	1.90	112.8
722	10/21/2009 22:31	15.42	48.10	31.39	8.87	8.08	4.8	1.99	107.6
723	10/21/2009 22:46	15.41	48.05	31.35	8.85	8.09	4.6	2.06	107.2
724	10/21/2009 23:01	15.40	48.11	31.39	8.92	8.10	4.3	2.15	108.1
725	10/21/2009 23:16	15.30	48.11	31.39	9.00	8.00	4.1	2.23	108.9
726	10/21/2009 23:31	15.23	48.15	31.42	8.99	8.00	3.6	2.32	108.6
727	10/21/2009 23:46	15.22	48.20	31.46	9.04	8.00	6.1	2.43	109.2
728	10/22/2009 0:01	15.21	48.11	31.39	9.03	8.01	4.0	2.50	109.0
729	10/22/2009 0:16	15.13	48.30	31.52	8.99	8.11	6.1	2.61	108.4
730	10/22/2009 0:31	15.09	48.08	31.36	8.95	8.00	3.8	2.68	107.7
731	10/22/2009 0:46	15.09	48.29	31.52	8.87	8.10	3.7	2.78	106.9
732	10/22/2009 1:01	15.06	48.34	31.55	8.82	8.10	6.1	2.87	106.2
733	10/22/2009 1:16	14.95	48.21	31.46	8.82	7.99	6.5	2.94	106.0
734	10/22/2009 1:31	14.83	48.19	31.44	8.85	7.99	5.2	3.02	106.1
735	10/22/2009 1:46	14.78	48.31	31.53	8.81	7.99	15.3	3.09	105.5
736	10/22/2009 2:01	14.73	48.34	31.55	8.82	8.10	6.5	3.16	105.5
737	10/22/2009 2:16	14.63	48.06	31.34	8.82	7.98	5.7	3.25	105.2
738	10/22/2009 2:31	14.37	48.18	31.42	8.83	7.98	5.4	3.31	104.8
739	10/22/2009 2:46	14.22	48.34	31.53	8.83	7.99	6.8	3.36	104.5
740	10/22/2009 3:01	13.98	48.28	31.48	8.87	7.99	11.8	3.43	104.5
741	10/22/2009 3:16	13.90	48.40	31.57	8.86	8.11	9.4	3.50	104.3
742	10/22/2009 3:31	13.77	48.36	31.54	8.87	8.11	4.9	3.52	104.1
743	10/22/2009 3:46	13.79	48.39	31.56	8.83	8.11	3.2	3.56	103.7
744	10/22/2009 4:01	13.69	48.45	31.60	8.84	8.11	3.1	3.60	103.7
745	10/22/2009 4:16	13.82	48.44	31.59	8.76	8.11	3.3	3.60	102.9
746	10/22/2009 4:31	13.75	48.45	31.60	8.75	8.11	3.2	3.59	102.7
747	10/22/2009 4:46	13.68	48.38	31.55	8.80	8.11	3.3	3.57	103.1
748	10/22/2009 5:01	13.70	48.41	31.57	8.76	8.11	3.2	3.53	102.6
749	10/22/2009 5:16	13.87	48.33	31.52	8.65	8.10	4.2	3.45	101.8
750	10/22/2009 5:31	14.15	48.36	31.55	8.41	8.08	4.2	3.41	99.5
751	10/22/2009 5:46	14.24	48.35	31.54	8.39	8.07	3.5	3.35	99.4
752	10/22/2009 6:01	14.26	48.33	31.52	8.39	8.07	3.6	3.27	99.5
753	10/22/2009 6:16	14.24	48.31	31.51	8.31	7.95	3.6	3.22	98.4
754	10/22/2009 6:31	14.35	48.36	31.55	8.28	8.06	3.2	3.13	98.4
755	10/22/2009 6:46	14.36	48.30	31.51	8.23	8.06	3.5	3.11	97.7
756	10/22/2009 7:01	14.43	48.19	31.43	8.14	7.94	3.4	3.06	96.8
757	10/22/2009 7:16	14.51	48.36	31.56	8.10	7.93	3.1	2.98	96.5
758	10/22/2009 7:31	14.58	48.29	31.51	8.05	7.93	2.9	2.95	96.0
759	10/22/2009 7:46	14.64	48.23	31.46	7.97	7.93	2.8	2.92	95.2
760	10/22/2009 8:01	14.66	48.33	31.54	7.88	7.92	3.0	2.89	94.2
761	10/22/2009 8:16	14.66	48.34	31.54	8.00	8.05	2.8	2.89	95.6
762	10/22/2009 8:31	14.70	48.25	31.48	8.06	7.93	2.7	2.86	96.3
763	10/22/2009 8:46	14.74	48.35	31.55	8.10	8.06	2.5	2.86	97.0
764	10/22/2009 9:01	14.74	48.24	31.48	8.16	8.06	2.7	2.87	97.6
765	10/22/2009 9:16	14.76	48.03	31.32	8.17	7.95	2.6	2.86	97.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
766	10/22/2009 9:31	14.78	48.37	31.57	8.23	8.06	2.5	2.87	98.6
767	10/22/2009 9:46	14.80	48.29	31.51	8.29	7.95	2.7	2.92	99.4
768	10/22/2009 10:01	14.77	48.26	31.49	8.29	7.95	2.9	2.97	99.2
769	10/22/2009 10:16	14.75	48.35	31.55	8.37	8.07	3.4	3.03	100.2
770	10/22/2009 10:31	14.71	48.21	31.45	8.43	7.96	3.8	3.08	100.8
771	10/22/2009 10:46	14.65	48.26	31.49	8.46	7.96	4.5	3.16	101.1
772	10/22/2009 11:01	14.53	48.25	31.48	8.44	7.96	3.5	3.20	100.6
773	10/22/2009 11:16	14.46	48.10	31.37	8.48	7.96	3.0	3.28	100.8
774	10/22/2009 11:31	14.25	48.31	31.51	8.52	7.96	3.6	3.34	101.0
775	10/22/2009 11:46	14.03	48.34	31.53	8.69	7.97	5.1	3.39	102.5
776	10/22/2009 12:01	13.98	48.40	31.57	8.72	8.10	3.6	3.50	102.8
777	10/22/2009 12:16	13.86	48.16	31.39	8.81	7.98	3.7	3.53	103.5
778	10/22/2009 12:31	13.76	48.43	31.58	8.83	8.11	3.8	3.60	103.6
779	10/22/2009 12:46	13.66	48.45	31.59	8.88	8.11	3.3	3.68	104.0
780	10/22/2009 13:01	13.56	48.45	31.59	8.88	8.11	4.0	3.73	103.9
781	10/22/2009 13:16	13.50	48.47	31.60	8.91	8.11	3.6	3.79	104.0
782	10/22/2009 13:31	13.43	48.48	31.61	8.92	8.11	3.1	3.83	104.0
783	10/22/2009 13:46	13.40	48.38	31.54	8.90	7.99	3.4	3.93	103.6
784	10/22/2009 14:01	13.33	48.30	31.47	8.91	7.99	2.8	3.96	103.6
785	10/22/2009 14:16	13.25	48.40	31.55	8.91	8.12	2.6	3.95	103.4
786	10/22/2009 14:31	13.24	48.39	31.54	8.88	7.99	2.3	3.97	103.1
787	10/22/2009 14:46	13.42	48.37	31.53	8.88	7.99	2.4	4.00	103.4
788	10/22/2009 15:01	13.28	48.45	31.58	8.80	8.11	2.5	3.99	102.2
789	10/22/2009 15:16	13.27	48.49	31.61	8.84	8.11	2.6	3.95	102.7
790	10/22/2009 15:31	13.29	48.43	31.57	8.83	8.11	2.6	3.90	102.7
791	10/22/2009 15:46	13.42	48.47	31.60	8.92	8.12	3.2	3.84	104.0
792	10/22/2009 16:01	13.68	48.41	31.57	9.18	8.13	2.9	3.78	107.5
793	10/22/2009 16:16	13.72	48.44	31.59	9.17	8.13	6.8	3.73	107.5
794	10/22/2009 16:31	13.90	48.17	31.40	9.31	8.02	3.8	3.64	109.5
795	10/22/2009 16:46	14.03	48.36	31.54	9.33	8.15	7.8	3.55	110.1
796	10/22/2009 17:01	14.15	48.33	31.52	9.44	8.14	4.2	3.44	111.7
797	10/22/2009 17:16	14.36	48.38	31.57	9.46	8.04	4.4	3.36	112.4
798	10/22/2009 17:31	14.59	48.34	31.55	9.66	8.16	5.2	3.25	115.3
799	10/22/2009 17:46	14.74	48.13	31.40	9.57	8.05	6.0	3.16	114.5
800	10/22/2009 18:01	14.84	48.30	31.52	9.87	8.06	12.1	3.06	118.4
801	10/22/2009 18:16	14.88	48.29	31.51	9.68	8.05	3.5	2.93	116.2
802	10/22/2009 18:31	14.94	48.34	31.55	9.68	8.17	4.0	2.83	116.3
803	10/22/2009 18:46	14.91	48.14	31.40	9.67	8.06	3.7	2.71	116.0
804	10/22/2009 19:01	14.82	48.30	31.52	9.64	8.04	3.9	2.60	115.6
805	10/22/2009 19:16	14.60	48.37	31.56	9.44	8.04	3.9	2.49	112.7
806	10/22/2009 19:31	14.61	48.29	31.51	9.14	8.13	4.2	2.39	109.1
807	10/22/2009 19:46	14.71	48.38	31.57	8.99	8.01	5.9	2.28	107.6
808	10/22/2009 20:01	14.69	48.30	31.52	8.94	8.12	8.5	2.18	106.9
809	10/22/2009 20:16	14.73	48.35	31.55	8.82	8.11	6.0	2.04	105.5
810	10/22/2009 20:31	14.85	48.27	31.50	8.83	8.11	3.7	1.96	105.9
811	10/22/2009 20:46	14.91	48.37	31.57	8.82	8.11	3.6	1.86	105.9
812	10/22/2009 21:01	14.98	48.36	31.57	8.83	8.11	4.3	1.80	106.2
813	10/22/2009 21:16	15.14	48.33	31.55	8.89	8.12	3.9	1.70	107.3
814	10/22/2009 21:31	15.25	48.30	31.53	8.96	8.12	3.2	1.72	108.3
815	10/22/2009 21:46	15.16	48.32	31.54	8.82	8.12	3.2	1.72	106.4
816	10/22/2009 22:01	15.18	48.23	31.48	8.91	8.01	3.1	1.70	107.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
817	10/22/2009 22:16	15.39	48.16	31.43	9.05	8.02	3.1	1.78	109.7
818	10/22/2009 22:31	15.33	48.07	31.36	9.04	8.02	2.8	1.83	109.4
819	10/22/2009 22:46	15.40	48.16	31.43	9.14	8.03	3.0	1.86	110.8
820	10/22/2009 23:01	15.38	48.12	31.40	9.15	8.03	3.1	1.94	110.9
821	10/22/2009 23:16	15.34	48.14	31.42	8.90	8.00	5.4	2.04	107.7
822	10/22/2009 23:31	15.36	47.88	31.23	8.67	7.97	4.5	2.11	104.9
823	10/22/2009 23:46	15.32	48.12	31.40	8.82	7.99	4.3	2.18	106.8
824	10/23/2009 0:01	15.24	48.20	31.46	8.86	8.10	3.8	2.23	107.0
825	10/23/2009 0:16	15.19	48.14	31.41	8.85	8.00	3.4	2.31	106.8
826	10/23/2009 0:31	15.17	48.24	31.48	8.86	8.11	3.8	2.40	107.0
827	10/23/2009 0:46	15.17	48.27	31.50	8.90	8.11	3.4	2.46	107.4
828	10/23/2009 1:01	15.12	48.28	31.51	8.95	8.12	4.2	2.57	107.9
829	10/23/2009 1:16	15.06	48.22	31.47	8.92	8.11	4.3	2.64	107.4
830	10/23/2009 1:31	15.02	48.27	31.50	8.89	8.11	3.8	2.72	107.0
831	10/23/2009 1:46	15.00	48.35	31.56	8.83	8.11	4.0	2.81	106.2
832	10/23/2009 2:01	14.95	48.18	31.44	8.81	7.99	4.3	2.89	105.9
833	10/23/2009 2:16	14.82	48.37	31.57	8.85	8.11	4.3	2.96	106.2
834	10/23/2009 2:31	14.75	48.27	31.50	8.85	7.99	4.0	3.04	105.9
835	10/23/2009 2:46	14.71	48.25	31.48	8.84	7.99	3.9	3.09	105.7
836	10/23/2009 3:01	14.66	48.35	31.55	8.84	7.99	3.5	3.16	105.6
837	10/23/2009 3:16	14.60	48.34	31.54	8.84	8.11	4.0	3.21	105.5
838	10/23/2009 3:31	14.44	48.23	31.46	8.85	7.99	3.9	3.25	105.2
839	10/23/2009 3:46	14.30	48.24	31.46	8.83	7.99	3.5	3.31	104.7
840	10/23/2009 4:01	14.17	48.38	31.56	8.83	8.11	3.4	3.36	104.5
841	10/23/2009 4:16	14.05	48.34	31.53	8.84	7.99	3.1	3.40	104.4
842	10/23/2009 4:31	14.00	48.26	31.47	8.75	7.99	2.8	3.44	103.2
843	10/23/2009 4:46	14.07	48.32	31.51	8.67	8.10	2.5	3.47	102.4
844	10/23/2009 5:01	13.99	48.10	31.36	8.64	7.99	2.6	3.48	101.7
845	10/23/2009 5:16	13.89	48.39	31.56	8.64	7.98	2.3	3.46	101.6
846	10/23/2009 5:31	13.92	48.34	31.52	8.68	7.98	3.4	3.44	102.2
847	10/23/2009 5:46	14.03	48.38	31.56	8.72	8.10	3.2	3.42	102.9
848	10/23/2009 6:01	14.21	48.26	31.48	8.63	7.98	2.9	3.39	102.2
849	10/23/2009 6:16	14.36	48.22	31.45	8.46	7.97	2.8	3.34	100.5
850	10/23/2009 6:31	14.50	48.27	31.49	8.23	8.06	5.5	3.28	98.0
851	10/23/2009 6:46	14.52	48.30	31.51	8.22	8.06	2.9	3.23	98.0
852	10/23/2009 7:01	14.52	48.28	31.50	7.99	8.04	3.0	3.18	95.2
853	10/23/2009 7:16	14.54	48.30	31.52	8.03	8.04	5.4	3.13	95.7
854	10/23/2009 7:31	14.56	48.30	31.52	7.83	8.03	3.1	3.09	93.4
855	10/23/2009 7:46	14.56	48.31	31.52	7.78	8.02	3.1	3.05	92.7
856	10/23/2009 8:01	14.60	48.21	31.45	7.81	7.92	3.2	3.02	93.2
857	10/23/2009 8:16	14.59	48.17	31.42	7.68	7.90	7.6	2.96	91.6
858	10/23/2009 8:31	14.60	48.33	31.53	7.70	8.02	2.7	2.93	91.9
859	10/23/2009 8:46	14.63	48.15	31.41	7.68	7.91	2.6	2.91	91.6
860	10/23/2009 9:01	14.64	48.15	31.40	7.69	7.91	2.6	2.91	91.8
861	10/23/2009 9:16	14.71	48.36	31.56	7.92	7.93	2.2	2.89	94.7
862	10/23/2009 9:31	14.73	48.36	31.56	7.98	8.05	2.1	2.87	95.5
863	10/23/2009 9:46	14.69	48.35	31.55	7.94	8.05	2.4	2.88	95.0
864	10/23/2009 10:01	14.69	48.34	31.54	7.91	7.93	2.4	2.90	94.6
865	10/23/2009 10:16	14.72	48.36	31.56	7.92	8.04	2.3	2.92	94.8
866	10/23/2009 10:31	14.77	48.24	31.47	8.19	7.95	2.3	2.93	98.0
867	10/23/2009 10:46	14.76	48.35	31.55	8.25	8.07	2.3	2.97	98.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
868	10/23/2009 11:01	14.71	48.22	31.46	8.33	7.96	2.4	3.04	99.6
869	10/23/2009 11:16	14.74	48.19	31.44	8.44	7.97	2.8	3.08	100.9
870	10/23/2009 11:31	14.70	48.34	31.55	8.47	8.08	2.6	3.12	101.3
871	10/23/2009 11:46	14.63	48.34	31.54	8.45	8.08	2.5	3.18	101.0
872	10/23/2009 12:01	14.51	48.18	31.43	8.48	7.96	2.8	3.24	101.0
873	10/23/2009 12:16	14.38	48.20	31.43	8.55	7.97	2.7	3.29	101.5
874	10/23/2009 12:31	14.14	48.32	31.52	8.69	8.09	2.7	3.34	102.7
875	10/23/2009 12:46	13.87	48.25	31.46	8.84	7.98	2.6	3.39	103.9
876	10/23/2009 13:01	13.79	48.48	31.62	8.87	8.10	2.4	3.45	104.1
877	10/23/2009 13:16	13.67	48.51	31.64	8.93	8.10	2.6	3.51	104.7
878	10/23/2009 13:31	13.64	48.48	31.62	8.94	8.11	2.5	3.56	104.8
879	10/23/2009 13:46	13.62	48.36	31.53	8.98	7.99	2.4	3.62	105.1
880	10/23/2009 14:01	13.50	48.37	31.53	9.04	7.99	2.6	3.67	105.5
881	10/23/2009 14:16	13.40	48.53	31.65	9.05	8.11	2.5	3.71	105.5
882	10/23/2009 14:31	13.36	48.54	31.65	9.03	8.11	2.4	3.75	105.2
883	10/23/2009 14:46	13.30	48.48	31.61	9.02	8.11	2.1	3.78	104.9
884	10/23/2009 15:01	13.27	48.55	31.65	9.04	8.11	2.0	3.80	105.1
885	10/23/2009 15:16	13.22	48.58	31.67	8.93	8.11	2.2	3.81	103.7
886	10/23/2009 15:31	13.28	48.40	31.54	8.95	7.98	2.1	3.81	104.0
887	10/23/2009 15:46	13.26	48.54	31.65	8.97	7.98	2.1	3.80	104.2
888	10/23/2009 16:01	13.28	48.46	31.59	8.97	8.10	2.1	3.78	104.2
889	10/23/2009 16:16	13.31	48.47	31.60	8.97	8.10	2.4	3.73	104.3
890	10/23/2009 16:31	13.48	48.46	31.60	9.05	7.99	2.3	3.68	105.6
891	10/23/2009 16:46	13.87	48.35	31.53	9.18	8.01	2.4	3.62	108.0
892	10/23/2009 17:01	13.97	48.42	31.58	9.19	8.13	2.6	3.56	108.4
893	10/23/2009 17:16	14.12	48.35	31.53	9.37	8.02	2.6	3.48	110.7
894	10/23/2009 17:31	14.26	48.41	31.59	9.42	8.15	2.9	3.40	111.7
895	10/23/2009 17:46	14.45	48.34	31.54	9.55	8.04	2.7	3.32	113.6
896	10/23/2009 18:01	14.62	48.40	31.58	9.64	8.16	2.7	3.24	115.1
897	10/23/2009 18:16	14.79	48.34	31.55	9.84	8.17	2.5	3.14	117.9
898	10/23/2009 18:31	14.84	48.35	31.55	10.10	8.19	2.4	3.08	121.1
899	10/23/2009 18:46	14.98	48.41	31.60	10.01	8.18	2.4	2.98	120.5
900	10/23/2009 19:01	14.93	48.29	31.51	9.99	8.08	2.4	2.89	120.0
901	10/23/2009 19:16	14.97	48.27	31.50	9.96	8.07	2.6	2.78	119.8
902	10/23/2009 19:31	14.95	48.29	31.52	9.65	8.05	2.6	2.69	115.9
903	10/23/2009 19:46	14.84	48.07	31.36	9.31	8.03	3.1	2.59	111.6
904	10/23/2009 20:01	14.75	48.38	31.57	9.14	8.02	3.2	2.47	109.5
905	10/23/2009 20:16	14.86	48.38	31.58	9.03	8.12	3.7	2.37	108.3
906	10/23/2009 20:31	14.87	48.36	31.56	8.92	8.12	3.1	2.27	107.0
907	10/23/2009 20:46	14.94	48.18	31.43	8.84	8.00	3.6	2.18	106.2
908	10/23/2009 21:01	15.04	48.35	31.56	8.80	8.11	2.9	2.08	106.0
909	10/23/2009 21:16	15.08	48.38	31.58	8.78	8.11	3.1	2.00	105.8
910	10/23/2009 21:31	15.20	48.32	31.54	8.83	8.12	2.9	1.95	106.7
911	10/23/2009 21:46	15.28	48.30	31.53	8.88	8.12	2.7	1.88	107.5
912	10/23/2009 22:01	15.38	48.28	31.51	8.97	8.02	2.6	1.85	108.8
913	10/23/2009 22:16	15.53	48.15	31.43	9.14	8.03	2.6	1.85	111.1
914	10/23/2009 22:31	15.58	48.13	31.41	9.20	8.04	2.4	1.82	112.0
915	10/23/2009 22:46	15.63	48.06	31.36	9.16	8.04	2.4	1.84	111.5
916	10/23/2009 23:01	15.67	48.19	31.46	9.48	8.05	2.4	1.89	115.6
917	10/23/2009 23:16	15.61	48.26	31.50	9.42	8.05	2.1	1.90	114.7
918	10/23/2009 23:31	15.65	48.11	31.40	9.47	8.05	2.3	1.94	115.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
919	10/23/2009 23:46	15.65	48.28	31.52	9.53	8.05	2.2	2.02	116.1
920	10/24/2009 0:01	15.63	48.19	31.45	9.52	8.05	2.3	2.09	116.0
921	10/24/2009 0:16	15.67	48.10	31.39	9.18	8.02	3.1	2.13	111.9
922	10/24/2009 0:31	15.61	48.01	31.33	9.18	8.02	2.8	2.21	111.7
923	10/24/2009 0:46	15.60	48.06	31.36	9.06	8.01	2.8	2.27	110.2
924	10/24/2009 1:01	15.55	48.13	31.41	9.12	8.13	2.9	2.33	110.9
925	10/24/2009 1:16	15.49	48.09	31.38	9.14	8.02	2.6	2.41	111.0
926	10/24/2009 1:31	15.45	48.10	31.39	9.16	8.02	2.5	2.49	111.2
927	10/24/2009 1:46	15.39	47.98	31.30	9.16	8.02	2.7	2.55	110.9
928	10/24/2009 2:01	15.36	48.19	31.45	9.17	8.02	2.5	2.61	111.1
929	10/24/2009 2:16	15.23	48.16	31.43	9.03	8.01	2.4	2.69	109.1
930	10/24/2009 2:31	15.18	48.06	31.36	8.96	8.01	2.5	2.77	108.1
931	10/24/2009 2:46	15.15	48.32	31.54	8.93	8.12	2.4	2.83	107.8
932	10/24/2009 3:01	15.12	48.29	31.52	8.89	8.00	2.4	2.90	107.2
933	10/24/2009 3:16	15.04	48.28	31.51	8.89	8.12	2.4	2.97	107.0
934	10/24/2009 3:31	14.97	48.37	31.57	8.89	8.12	2.3	3.03	107.0
935	10/24/2009 3:46	14.86	48.17	31.43	8.91	8.00	2.3	3.08	106.8
936	10/24/2009 4:01	14.79	48.09	31.36	8.90	8.00	2.4	3.14	106.5
937	10/24/2009 4:16	14.70	48.31	31.53	8.88	8.00	2.4	3.19	106.2
938	10/24/2009 4:31	14.64	48.16	31.41	8.88	8.00	2.4	3.23	106.0
939	10/24/2009 4:46	14.55	48.28	31.50	8.89	8.12	2.4	3.28	106.0
940	10/24/2009 5:01	14.35	48.23	31.45	8.96	8.00	2.6	3.31	106.4
941	10/24/2009 5:16	14.32	48.09	31.35	8.92	8.00	2.5	3.34	105.7
942	10/24/2009 5:31	14.24	48.28	31.49	8.94	8.00	2.4	3.38	105.9
943	10/24/2009 5:46	14.19	48.30	31.50	8.91	8.11	2.0	3.39	105.4
944	10/24/2009 6:01	14.36	48.22	31.45	8.79	8.00	2.0	3.40	104.4
945	10/24/2009 6:16	14.22	48.44	31.61	8.68	8.10	1.7	3.41	102.9
946	10/24/2009 6:31	14.19	48.39	31.57	8.76	8.11	2.1	3.40	103.7
947	10/24/2009 6:46	14.20	48.22	31.45	8.84	7.99	2.5	3.37	104.6
948	10/24/2009 7:01	14.24	48.09	31.35	8.82	7.99	2.5	3.33	104.5
949	10/24/2009 7:16	14.38	48.24	31.46	8.67	7.98	2.5	3.31	103.0
950	10/24/2009 7:31	14.52	48.13	31.39	8.57	7.98	2.4	3.25	102.0
951	10/24/2009 7:46	14.64	48.32	31.53	8.48	7.97	2.5	3.20	101.2
952	10/24/2009 8:01	14.71	48.26	31.49	8.42	8.08	2.5	3.14	100.7
953	10/24/2009 8:16	14.76	48.33	31.54	8.34	8.08	2.3	3.11	99.8
954	10/24/2009 8:31	14.80	48.36	31.56	8.24	8.07	2.3	3.07	98.7
955	10/24/2009 8:46	14.86	48.29	31.51	8.21	7.95	2.2	3.03	98.5
956	10/24/2009 9:01	14.82	48.26	31.49	8.03	7.94	2.3	2.99	96.2
957	10/24/2009 9:16	14.88	48.12	31.39	8.05	7.94	2.1	2.97	96.6
958	10/24/2009 9:31	14.90	48.34	31.55	8.04	8.06	2.0	2.95	96.5
959	10/24/2009 9:46	14.99	48.19	31.44	8.03	7.95	1.9	2.93	96.5
960	10/24/2009 10:01	14.98	48.32	31.54	7.95	8.06	1.8	2.92	95.6
961	10/24/2009 10:16	14.98	48.33	31.55	8.02	8.06	2.0	2.92	96.5
962	10/24/2009 10:31	15.02	48.33	31.55	8.26	8.07	2.0	2.93	99.4
963	10/24/2009 10:46	15.05	48.26	31.50	8.32	8.08	2.0	2.93	100.2
964	10/24/2009 11:01	15.01	48.27	31.50	8.31	8.08	1.8	2.94	100.0
965	10/24/2009 11:16	15.03	48.31	31.53	8.36	8.08	1.8	2.96	100.6
966	10/24/2009 11:31	15.02	48.35	31.56	8.51	8.09	2.0	3.00	102.4
967	10/24/2009 11:46	14.98	48.34	31.55	8.51	8.09	1.9	3.02	102.3
968	10/24/2009 12:01	14.94	48.27	31.50	8.49	8.09	2.0	3.04	102.0
969	10/24/2009 12:16	14.91	48.16	31.42	8.48	7.97	2.0	3.09	101.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
970	10/24/2009 12:31	14.92	48.16	31.42	8.54	7.97	2.1	3.13	102.5
971	10/24/2009 12:46	14.81	48.31	31.53	8.56	8.09	3.1	3.17	102.6
972	10/24/2009 13:01	14.77	48.31	31.52	8.57	7.97	3.3	3.19	102.7
973	10/24/2009 13:16	14.71	48.23	31.47	8.56	7.97	2.0	3.25	102.3
974	10/24/2009 13:31	14.49	48.26	31.48	8.65	8.09	2.2	3.29	103.0
975	10/24/2009 13:46	14.30	48.30	31.50	8.70	7.98	2.1	3.32	103.2
976	10/24/2009 14:01	14.17	48.31	31.51	8.80	7.98	2.1	3.36	104.1
977	10/24/2009 14:16	14.02	48.42	31.59	8.88	8.11	2.0	3.41	104.8
978	10/24/2009 14:31	13.92	48.45	31.60	8.95	8.11	1.8	3.45	105.4
979	10/24/2009 14:46	13.89	48.40	31.57	9.01	8.11	1.9	3.49	106.0
980	10/24/2009 15:01	13.89	48.32	31.51	9.03	8.11	1.9	3.52	106.2
981	10/24/2009 15:16	13.86	48.33	31.52	9.04	8.00	1.8	3.56	106.2
982	10/24/2009 15:31	13.85	48.42	31.58	9.04	8.12	1.6	3.59	106.3
983	10/24/2009 15:46	13.83	48.36	31.53	9.03	8.11	1.6	3.62	106.1
984	10/24/2009 16:01	13.82	48.36	31.54	8.96	8.00	1.9	3.65	105.3
985	10/24/2009 16:16	13.83	48.34	31.52	8.89	8.00	1.6	3.64	104.4
986	10/24/2009 16:31	13.82	48.46	31.61	8.91	8.11	1.7	3.62	104.7
987	10/24/2009 16:46	13.81	48.47	31.61	8.93	8.11	1.6	3.63	104.9
988	10/24/2009 17:01	13.84	48.34	31.52	8.89	8.11	1.5	3.60	104.5
989	10/24/2009 17:16	13.90	48.46	31.61	8.96	8.11	2.1	3.52	105.5
990	10/24/2009 17:31	13.99	48.48	31.63	8.97	8.11	2.0	3.50	105.8
991	10/24/2009 17:46	14.06	48.25	31.47	9.02	8.12	1.7	3.46	106.4
992	10/24/2009 18:01	14.26	48.43	31.60	9.13	8.13	2.1	3.39	108.3
993	10/24/2009 18:16	14.51	48.30	31.51	9.17	8.02	2.1	3.33	109.3
994	10/24/2009 18:31	14.62	48.35	31.55	9.17	8.14	2.1	3.25	109.5
995	10/24/2009 18:46	14.73	48.29	31.51	9.27	8.03	2.1	3.18	110.9
996	10/24/2009 19:01	14.77	48.15	31.41	9.20	8.03	2.1	3.12	110.1
997	10/24/2009 19:16	14.82	48.37	31.57	9.27	8.15	2.0	3.03	111.1
998	10/24/2009 19:31	14.90	48.32	31.53	9.19	8.15	3.2	2.93	110.4
999	10/24/2009 19:46	14.91	48.33	31.55	9.21	8.15	2.2	2.86	110.6
1000	10/24/2009 20:01	14.94	48.18	31.44	9.13	8.03	4.0	2.78	109.6
1001	10/24/2009 20:16	14.94	48.17	31.43	9.09	8.02	2.6	2.68	109.2
1002	10/24/2009 20:31	15.03	48.36	31.57	8.95	8.13	3.9	2.59	107.7
1003	10/24/2009 20:46	14.99	48.25	31.49	8.85	8.12	2.6	2.50	106.4
1004	10/24/2009 21:01	14.96	48.13	31.40	8.71	8.00	2.6	2.43	104.6
1005	10/24/2009 21:16	15.01	48.35	31.56	8.61	8.11	2.7	2.34	103.7
1006	10/24/2009 21:31	15.02	48.19	31.45	8.60	7.99	2.5	2.23	103.5
1007	10/24/2009 21:46	15.09	48.24	31.48	8.54	7.99	2.5	2.18	102.9
1008	10/24/2009 22:01	15.18	48.23	31.48	8.51	7.99	2.4	2.12	102.7
1009	10/24/2009 22:16	15.22	48.35	31.56	8.47	8.10	2.3	2.04	102.4
1010	10/24/2009 22:31	15.35	48.29	31.52	8.56	8.11	2.4	2.01	103.7
1011	10/24/2009 22:46	15.44	48.25	31.50	8.66	8.01	2.3	1.97	105.1
1012	10/24/2009 23:01	15.52	48.27	31.51	8.73	8.01	2.1	1.94	106.1
1013	10/24/2009 23:16	15.56	48.25	31.50	8.72	8.13	2.2	1.93	106.1
1014	10/24/2009 23:31	15.57	48.24	31.49	8.75	8.02	1.8	1.95	106.4
1015	10/24/2009 23:46	15.60	48.26	31.50	8.84	8.13	2.0	1.95	107.6
1016	10/25/2009 0:01	15.59	48.15	31.43	8.86	8.02	1.8	1.96	107.8
1017	10/25/2009 0:16	15.55	48.21	31.47	8.88	8.13	1.8	2.02	108.0
1018	10/25/2009 0:31	15.57	48.25	31.50	8.91	8.02	1.8	2.05	108.4
1019	10/25/2009 0:46	15.55	48.17	31.44	8.94	8.14	1.9	2.10	108.7
1020	10/25/2009 1:01	15.54	48.24	31.49	8.93	8.14	2.0	2.15	108.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1021	10/25/2009 1:16	15.55	48.09	31.38	8.75	8.01	2.4	2.21	106.4
1022	10/25/2009 1:31	15.53	48.07	31.37	8.76	8.00	2.4	2.27	106.5
1023	10/25/2009 1:46	15.53	48.10	31.39	8.70	8.11	2.3	2.32	105.7
1024	10/25/2009 2:01	15.51	48.07	31.37	8.68	8.11	2.3	2.39	105.4
1025	10/25/2009 2:16	15.50	48.10	31.39	8.71	8.12	2.4	2.45	105.8
1026	10/25/2009 2:31	15.44	48.15	31.43	8.75	8.01	3.2	2.52	106.2
1027	10/25/2009 2:46	15.40	48.17	31.44	8.77	8.01	2.5	2.58	106.3
1028	10/25/2009 3:01	15.34	48.16	31.43	8.77	8.01	3.2	2.64	106.1
1029	10/25/2009 3:16	15.24	48.11	31.39	8.75	8.00	4.5	2.70	105.8
1030	10/25/2009 3:31	15.19	48.27	31.50	8.70	8.11	2.8	2.77	105.1
1031	10/25/2009 3:46	15.15	48.28	31.51	8.69	8.11	3.6	2.82	104.9
1032	10/25/2009 4:01	15.10	48.23	31.47	8.65	8.11	2.4	2.88	104.3
1033	10/25/2009 4:16	15.03	48.12	31.40	8.66	7.99	2.0	2.96	104.1
1034	10/25/2009 4:31	14.95	48.35	31.56	8.67	8.11	3.7	3.01	104.3
1035	10/25/2009 4:46	14.87	48.13	31.40	8.68	7.99	3.4	3.06	104.1
1036	10/25/2009 5:01	14.72	48.29	31.51	8.69	8.11	4.5	3.11	104.0
1037	10/25/2009 5:16	14.67	48.22	31.46	8.71	8.11	3.0	3.16	104.0
1038	10/25/2009 5:31	14.66	48.31	31.52	8.69	8.11	3.2	3.22	103.8
1039	10/25/2009 5:46	14.57	48.17	31.41	8.70	7.99	2.1	3.25	103.7
1040	10/25/2009 6:01	14.45	48.35	31.55	8.72	7.99	2.8	3.29	103.8
1041	10/25/2009 6:16	14.38	48.21	31.44	8.74	7.99	2.1	3.34	103.8
1042	10/25/2009 6:31	14.37	48.39	31.57	8.69	8.11	1.8	3.34	103.2
1043	10/25/2009 6:46	14.34	48.35	31.55	8.68	7.99	1.8	3.38	103.0
1044	10/25/2009 7:01	14.43	48.15	31.40	8.57	7.99	1.5	3.38	101.9
1045	10/25/2009 7:16	14.33	48.21	31.44	8.60	7.99	1.8	3.37	102.1
1046	10/25/2009 7:31	14.29	48.31	31.51	8.61	7.99	2.6	3.36	102.1
1047	10/25/2009 7:46	14.35	48.24	31.46	8.62	7.99	1.9	3.34	102.4
1048	10/25/2009 8:01	14.42	48.31	31.52	8.59	8.10	2.3	3.31	102.2
1049	10/25/2009 8:16	14.55	48.23	31.46	8.47	8.09	3.4	3.27	101.0
1050	10/25/2009 8:31	14.71	48.10	31.37	8.21	7.96	2.4	3.24	98.1
1051	10/25/2009 8:46	14.72	48.23	31.47	8.24	7.96	2.6	3.20	98.5
1052	10/25/2009 9:01	14.74	48.30	31.51	7.99	7.94	2.0	3.15	95.7
1053	10/25/2009 9:16	14.76	48.22	31.46	7.69	8.03	2.7	3.10	92.0
1054	10/25/2009 9:31	14.79	48.29	31.51	7.82	8.04	2.3	3.08	93.6
1055	10/25/2009 9:46	14.79	48.24	31.47	7.74	8.03	2.1	3.05	92.7
1056	10/25/2009 10:01	14.78	47.91	31.24	7.68	7.91	1.9	3.01	91.8
1057	10/25/2009 10:16	14.78	48.27	31.49	7.60	7.91	2.1	2.98	91.0
1058	10/25/2009 10:31	14.82	48.16	31.42	7.63	7.91	2.5	2.96	91.4
1059	10/25/2009 10:46	14.84	48.26	31.49	7.74	8.04	2.6	2.94	92.8
1060	10/25/2009 11:01	14.88	48.31	31.53	7.75	8.05	1.6	2.93	93.0
1061	10/25/2009 11:16	14.91	48.18	31.44	7.81	8.05	1.6	2.92	93.7
1062	10/25/2009 11:31	14.85	47.94	31.26	7.79	7.92	2.3	2.92	93.2
1063	10/25/2009 11:46	14.81	48.26	31.49	7.69	7.91	2.0	2.91	92.2
1064	10/25/2009 12:01	14.92	48.27	31.50	7.93	8.05	1.8	2.93	95.3
1065	10/25/2009 12:16	14.95	48.27	31.50	8.03	8.06	1.6	2.93	96.5
1066	10/25/2009 12:31	14.95	48.31	31.53	8.04	8.06	1.6	2.94	96.7
1067	10/25/2009 12:46	14.90	48.11	31.38	8.10	7.95	1.8	2.97	97.2
1068	10/25/2009 13:01	14.90	48.07	31.35	8.19	7.96	1.7	2.99	98.2
1069	10/25/2009 13:16	14.90	48.31	31.53	8.21	8.08	1.5	3.00	98.6
1070	10/25/2009 13:31	14.87	48.26	31.49	8.25	8.08	1.8	3.04	99.0
1071	10/25/2009 13:46	14.80	48.27	31.50	8.27	7.96	1.5	3.08	99.1

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1072	10/25/2009 14:01	14.93	48.33	31.54	8.40	8.09	1.7	3.10	100.9
1073	10/25/2009 14:16	14.89	48.10	31.37	8.44	7.97	1.6	3.14	101.2
1074	10/25/2009 14:31	14.83	48.28	31.51	8.43	7.97	1.5	3.19	101.1
1075	10/25/2009 14:46	14.75	48.30	31.52	8.46	8.09	1.5	3.22	101.2
1076	10/25/2009 15:01	14.61	48.26	31.48	8.48	7.97	1.4	3.26	101.3
1077	10/25/2009 15:16	14.43	48.35	31.55	8.51	8.09	1.5	3.30	101.3
1078	10/25/2009 15:31	14.32	48.23	31.45	8.58	7.98	1.5	3.32	101.8
1079	10/25/2009 15:46	14.22	48.34	31.53	8.62	8.10	1.5	3.36	102.1
1080	10/25/2009 16:01	14.12	48.17	31.41	8.67	7.98	1.4	3.39	102.4
1081	10/25/2009 16:16	14.05	48.43	31.60	8.70	8.10	1.3	3.43	102.7
1082	10/25/2009 16:31	14.03	48.36	31.54	8.64	7.99	1.2	3.44	102.0
1083	10/25/2009 16:46	13.99	48.26	31.47	8.66	7.99	1.0	3.46	102.1
1084	10/25/2009 17:01	13.95	48.16	31.39	8.64	7.99	1.2	3.49	101.7
1085	10/25/2009 17:16	14.12	48.36	31.54	8.66	8.11	1.3	3.47	102.3
1086	10/25/2009 17:31	14.05	48.29	31.49	8.50	7.98	1.2	3.47	100.3
1087	10/25/2009 17:46	14.03	48.44	31.60	8.48	8.09	1.3	3.46	100.1
1088	10/25/2009 18:01	14.04	48.33	31.52	8.52	7.98	1.2	3.45	100.6
1089	10/25/2009 18:16	14.09	48.20	31.43	8.54	7.98	1.9	3.41	100.8
1090	10/25/2009 18:31	14.19	48.42	31.59	8.51	8.09	2.0	3.38	100.8
1091	10/25/2009 18:46	14.37	48.19	31.43	8.52	8.10	1.5	3.35	101.2
1092	10/25/2009 19:01	14.54	48.28	31.50	8.64	8.11	1.7	3.29	103.0
1093	10/25/2009 19:16	14.71	48.19	31.43	8.85	8.01	2.1	3.22	105.9
1094	10/25/2009 19:31	14.86	48.19	31.44	9.05	8.03	1.6	3.18	108.5
1095	10/25/2009 19:46	14.96	48.32	31.54	9.14	8.15	1.6	3.10	109.8
1096	10/25/2009 20:01	15.08	48.33	31.54	9.31	8.16	1.9	3.03	112.2
1097	10/25/2009 20:16	15.16	48.28	31.51	9.43	8.17	1.5	2.97	113.8
1098	10/25/2009 20:31	15.20	48.27	31.50	9.59	8.18	1.7	2.89	115.9
1099	10/25/2009 20:46	15.16	48.24	31.49	9.20	8.16	2.1	2.80	111.0
1100	10/25/2009 21:01	15.13	48.30	31.53	8.93	8.13	2.3	2.73	107.7
1101	10/25/2009 21:16	15.04	48.31	31.53	8.97	8.14	1.8	2.68	108.0
1102	10/25/2009 21:31	15.10	48.30	31.52	8.80	8.13	1.8	2.58	106.1
1103	10/25/2009 21:46	15.06	48.24	31.48	8.71	8.12	2.1	2.50	104.9
1104	10/25/2009 22:01	15.00	48.24	31.48	8.65	8.12	2.1	2.43	104.0
1105	10/25/2009 22:16	15.01	48.34	31.55	8.54	8.12	2.1	2.36	102.8
1106	10/25/2009 22:31	15.03	48.13	31.40	8.58	8.00	2.0	2.29	103.2
1107	10/25/2009 22:46	15.06	48.24	31.48	8.53	8.00	2.0	2.22	102.7
1108	10/25/2009 23:01	15.13	48.14	31.41	8.58	8.01	2.0	2.16	103.4
1109	10/25/2009 23:16	15.17	48.24	31.48	8.61	8.12	1.9	2.12	103.9
1110	10/25/2009 23:31	15.24	48.23	31.48	8.67	8.13	1.8	2.08	104.8
1111	10/25/2009 23:46	15.30	48.11	31.39	8.75	8.02	1.6	2.06	105.8
1112	10/26/2009 0:01	15.32	48.20	31.46	8.73	8.02	1.4	2.03	105.6
1113	10/26/2009 0:16	15.34	48.08	31.37	8.73	8.03	1.4	2.02	105.7
1114	10/26/2009 0:31	15.33	48.08	31.37	8.80	8.03	1.4	2.04	106.4
1115	10/26/2009 0:46	15.38	48.18	31.44	8.97	8.04	1.4	2.03	108.7
1116	10/26/2009 1:01	15.38	48.24	31.49	8.97	8.04	1.2	2.04	108.7
1117	10/26/2009 1:16	15.35	48.05	31.35	8.96	8.04	1.4	2.08	108.4
1118	10/26/2009 1:31	15.36	48.19	31.45	8.98	8.04	1.3	2.13	108.7
1119	10/26/2009 1:46	15.36	48.17	31.44	8.99	8.04	1.5	2.15	108.9
1120	10/26/2009 2:01	15.34	48.07	31.36	8.97	8.03	1.5	2.20	108.6
1121	10/26/2009 2:16	15.31	48.10	31.39	8.90	8.03	1.7	2.27	107.7
1122	10/26/2009 2:31	15.32	47.86	31.21	8.86	8.02	2.1	2.32	107.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1123	10/26/2009 2:46	15.32	47.99	31.31	8.82	8.02	2.1	2.37	106.7
1124	10/26/2009 3:01	15.30	48.10	31.38	8.79	8.13	2.0	2.44	106.3
1125	10/26/2009 3:16	15.31	48.09	31.38	8.80	8.02	2.0	2.49	106.5
1126	10/26/2009 3:31	15.28	48.03	31.33	8.83	8.13	1.8	2.55	106.7
1127	10/26/2009 3:46	15.25	48.15	31.42	8.82	8.02	1.8	2.63	106.6
1128	10/26/2009 4:01	15.18	48.02	31.32	8.79	8.02	1.8	2.68	106.1
1129	10/26/2009 4:16	15.09	48.24	31.48	8.73	8.01	1.4	2.74	105.1
1130	10/26/2009 4:31	15.03	48.27	31.50	8.65	8.12	1.6	2.82	104.1
1131	10/26/2009 4:46	14.98	48.30	31.52	8.56	8.11	1.6	2.87	103.0
1132	10/26/2009 5:01	14.95	48.10	31.38	8.55	7.99	1.6	2.94	102.7
1133	10/26/2009 5:16	14.91	48.30	31.52	8.54	8.11	1.6	3.00	102.5
1134	10/26/2009 5:31	14.84	48.26	31.49	8.55	8.11	1.5	3.06	102.5
1135	10/26/2009 5:46	14.77	48.11	31.38	8.56	7.99	1.7	3.12	102.5
1136	10/26/2009 6:01	14.72	48.31	31.52	8.55	8.11	1.6	3.17	102.3
1137	10/26/2009 6:16	14.59	48.37	31.57	8.56	8.11	1.6	3.22	102.2
1138	10/26/2009 6:31	14.47	48.34	31.54	8.58	8.11	1.7	3.28	102.1
1139	10/26/2009 6:46	14.31	48.23	31.46	8.59	7.99	1.9	3.32	101.9
1140	10/26/2009 7:01	14.16	48.29	31.49	8.58	7.99	1.7	3.35	101.5
1141	10/26/2009 7:16	14.10	48.34	31.53	8.58	8.10	1.7	3.40	101.4
1142	10/26/2009 7:31	14.14	48.36	31.54	8.53	8.10	13.7	3.42	100.9
1143	10/26/2009 7:46	14.00	48.35	31.53	8.48	8.10	1.2	3.42	100.0
1144	10/26/2009 8:01	14.11	48.32	31.51	8.41	7.98	1.3	3.44	99.4
1145	10/26/2009 8:16	14.01	48.35	31.53	8.41	7.98	1.2	3.45	99.2
1146	10/26/2009 8:31	13.99	48.30	31.50	8.44	7.98	1.8	3.41	99.5
1147	10/26/2009 8:46	14.10	48.24	31.45	8.47	7.98	1.8	3.39	100.1
1148	10/26/2009 9:01	14.17	48.36	31.55	8.43	8.10	1.3	3.36	99.8
1149	10/26/2009 9:16	14.40	48.29	31.50	8.34	7.98	1.6	3.30	99.2
1150	10/26/2009 9:31	14.56	48.29	31.51	8.26	8.09	1.5	3.26	98.5
1151	10/26/2009 9:46	14.53	48.15	31.40	8.28	7.97	1.5	3.24	98.6
1152	10/26/2009 10:01	14.54	48.19	31.43	8.28	7.97	1.5	3.17	98.7
1153	10/26/2009 10:16	14.60	48.12	31.38	8.23	7.96	1.5	3.12	98.1
1154	10/26/2009 10:31	14.62	48.16	31.41	8.22	7.96	1.5	3.09	98.1
1155	10/26/2009 10:46	14.60	48.27	31.49	8.15	7.96	1.3	3.05	97.3
1156	10/26/2009 11:01	14.65	48.35	31.55	8.25	8.08	1.4	3.00	98.6
1157	10/26/2009 11:16	14.69	48.18	31.43	8.32	8.09	1.4	2.96	99.5
1158	10/26/2009 11:31	14.74	48.25	31.48	8.38	8.09	1.2	2.95	100.3
1159	10/26/2009 11:46	14.80	48.20	31.45	8.46	8.10	1.2	2.92	101.4
1160	10/26/2009 12:01	14.84	48.21	31.46	8.56	8.11	1.3	2.90	102.7
1161	10/26/2009 12:16	14.90	47.93	31.26	8.52	7.99	1.6	2.89	102.1
1162	10/26/2009 12:31	14.93	48.29	31.52	8.37	8.10	1.0	2.89	100.6
1163	10/26/2009 12:46	14.84	48.24	31.47	8.46	8.10	1.2	2.86	101.4
1164	10/26/2009 13:01	14.88	48.13	31.40	8.25	8.10	1.2	2.85	98.9
1165	10/26/2009 13:16	14.89	48.29	31.51	8.50	8.10	1.2	2.87	102.0
1166	10/26/2009 13:31	14.96	48.25	31.49	8.42	8.10	1.1	2.86	101.3
1167	10/26/2009 13:46	14.99	48.03	31.32	8.43	7.99	1.2	2.88	101.3
1168	10/26/2009 14:01	14.96	48.30	31.52	8.38	8.10	1.3	2.91	100.7
1169	10/26/2009 14:16	14.93	48.11	31.38	8.30	7.98	1.2	2.91	99.7
1170	10/26/2009 14:31	14.88	48.33	31.55	8.18	8.09	1.0	2.94	98.2
1171	10/26/2009 14:46	14.86	48.32	31.54	8.26	8.09	1.1	2.98	99.1
1172	10/26/2009 15:01	14.79	48.29	31.51	8.22	8.08	1.2	2.99	98.5
1173	10/26/2009 15:16	14.75	48.23	31.46	8.16	8.08	1.0	3.03	97.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1174	10/26/2009 15:31	14.72	48.30	31.52	8.22	8.09	0.9	3.07	98.4
1175	10/26/2009 15:46	14.71	48.32	31.53	8.30	8.09	0.9	3.11	99.3
1176	10/26/2009 16:01	14.69	48.21	31.45	8.31	7.98	1.1	3.14	99.3
1177	10/26/2009 16:16	14.68	48.13	31.39	8.34	7.98	1.2	3.17	99.7
1178	10/26/2009 16:31	14.57	48.18	31.42	8.38	7.98	1.5	3.22	99.9
1179	10/26/2009 16:46	14.46	48.32	31.52	8.37	8.09	1.2	3.24	99.6
1180	10/26/2009 17:01	14.36	48.21	31.44	8.42	7.98	1.6	3.28	100.0
1181	10/26/2009 17:16	14.31	48.11	31.37	8.41	7.98	1.5	3.31	99.7
1182	10/26/2009 17:31	14.31	48.18	31.42	8.44	7.98	1.2	3.34	100.1
1183	10/26/2009 17:46	14.24	48.33	31.53	8.42	8.10	1.4	3.37	99.7
1184	10/26/2009 18:01	14.21	48.19	31.42	8.41	7.98	1.0	3.38	99.5
1185	10/26/2009 18:16	14.17	48.33	31.52	8.42	8.10	0.9	3.41	99.6
1186	10/26/2009 18:31	14.16	48.29	31.49	8.27	7.98	0.8	3.41	97.8
1187	10/26/2009 18:46	14.20	48.17	31.41	8.32	7.98	0.9	3.41	98.4
1188	10/26/2009 19:01	14.27	48.20	31.43	8.30	7.99	1.2	3.42	98.3
1189	10/26/2009 19:16	14.29	48.21	31.44	8.28	7.98	1.4	3.39	98.1
1190	10/26/2009 19:31	14.35	48.09	31.35	8.46	7.99	1.4	3.35	100.3
1191	10/26/2009 19:46	14.49	48.09	31.36	8.34	7.99	7.0	3.33	99.2
1192	10/26/2009 20:01	14.57	48.32	31.53	8.17	8.09	2.8	3.28	97.5
1193	10/26/2009 20:16	14.55	48.14	31.40	8.11	8.09	2.9	3.22	96.6
1194	10/26/2009 20:31	14.53	48.01	31.30	8.03	7.97	3.3	3.16	95.6
1195	10/26/2009 20:46	14.50	48.05	31.33	8.03	7.96	3.1	3.11	95.5
1196	10/26/2009 21:01	14.46	48.10	31.36	8.02	7.96	3.4	3.03	95.3
1197	10/26/2009 21:16	14.44	48.14	31.39	7.96	7.97	3.4	2.97	94.6
1198	10/26/2009 21:31	14.47	48.18	31.42	8.00	7.96	5.1	2.90	95.1
1199	10/26/2009 21:46	14.45	48.30	31.51	7.97	8.08	4.3	2.83	94.8
1200	10/26/2009 22:01	14.49	48.30	31.51	7.95	8.07	4.8	2.76	94.6
1201	10/26/2009 22:16	14.45	48.25	31.47	7.89	8.07	4.2	2.70	93.9
1202	10/26/2009 22:31	14.47	48.27	31.49	7.91	8.07	4.2	2.62	94.1
1203	10/26/2009 22:46	14.47	48.21	31.45	7.95	8.07	4.3	2.54	94.6
1204	10/26/2009 23:01	14.46	48.30	31.51	7.91	8.07	4.2	2.48	94.2
1205	10/26/2009 23:16	14.52	48.24	31.47	7.92	8.08	4.4	2.41	94.4
1206	10/26/2009 23:31	14.53	48.19	31.43	7.94	7.97	4.4	2.34	94.6
1207	10/26/2009 23:46	14.52	48.27	31.49	7.91	8.08	4.2	2.29	94.3
1208	10/27/2009 0:01	14.57	47.97	31.27	7.94	7.97	4.1	2.24	94.6
1209	10/27/2009 0:16	14.58	48.03	31.32	7.92	7.97	3.9	2.17	94.3
1210	10/27/2009 0:31	14.63	48.17	31.42	7.95	7.98	3.9	2.15	94.9
1211	10/27/2009 0:46	14.65	48.25	31.48	7.96	8.10	4.9	2.13	95.1
1212	10/27/2009 1:01	14.72	47.78	31.14	8.00	8.00	5.2	2.10	95.4
1213	10/27/2009 1:16	14.73	48.27	31.49	7.90	8.10	4.3	2.09	94.6
1214	10/27/2009 1:31	14.70	48.17	31.42	7.91	8.10	3.8	2.10	94.6
1215	10/27/2009 1:46	14.70	47.91	31.23	8.02	8.00	5.7	2.10	95.8
1216	10/27/2009 2:01	14.69	48.07	31.35	8.06	8.00	5.7	2.13	96.3
1217	10/27/2009 2:16	14.69	48.16	31.41	8.05	8.00	5.5	2.14	96.2
1218	10/27/2009 2:31	14.71	48.18	31.43	8.05	8.00	5.7	2.20	96.3
1219	10/27/2009 2:46	14.71	48.13	31.39	8.05	8.00	6.0	2.24	96.2
1220	10/27/2009 3:01	14.70	48.21	31.45	8.04	8.11	5.6	2.28	96.1
1221	10/27/2009 3:16	14.69	48.07	31.35	8.06	8.00	5.4	2.35	96.2
1222	10/27/2009 3:31	14.55	47.82	31.16	8.06	7.99	5.9	2.40	95.9
1223	10/27/2009 3:46	14.56	47.82	31.16	8.04	7.99	5.5	2.45	95.6
1224	10/27/2009 4:01	14.53	47.81	31.16	8.03	7.99	5.6	2.52	95.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1225	10/27/2009 4:16	14.59	47.79	31.15	8.06	7.99	5.4	2.59	96.0
1226	10/27/2009 4:31	14.66	47.89	31.22	8.03	7.99	5.0	2.63	95.8
1227	10/27/2009 4:46	14.67	47.67	31.06	8.05	7.98	4.9	2.72	95.9
1228	10/27/2009 5:01	14.63	48.19	31.44	8.02	8.10	4.3	2.76	95.8
1229	10/27/2009 5:16	14.61	48.12	31.38	8.08	8.10	4.0	2.84	96.3
1230	10/27/2009 5:31	14.58	48.07	31.35	8.11	7.98	4.6	2.91	96.7
1231	10/27/2009 5:46	14.55	48.28	31.50	8.14	7.99	3.9	2.96	97.0
1232	10/27/2009 6:01	14.50	48.27	31.49	8.20	8.10	2.4	3.02	97.7
1233	10/27/2009 6:16	14.41	48.22	31.45	8.29	7.99	3.8	3.10	98.5
1234	10/27/2009 6:31	14.38	48.29	31.50	8.22	8.10	2.3	3.15	97.7
1235	10/27/2009 6:46	14.30	48.03	31.31	8.27	7.99	7.3	3.19	98.0
1236	10/27/2009 7:01	14.21	48.26	31.48	8.26	7.99	7.2	3.26	97.7
1237	10/27/2009 7:16	14.16	48.31	31.51	8.26	8.10	2.9	3.31	97.7
1238	10/27/2009 7:31	14.07	48.30	31.50	8.26	8.09	4.4	3.35	97.5
1239	10/27/2009 7:46	13.93	48.27	31.47	8.27	8.09	3.4	3.39	97.3
1240	10/27/2009 8:01	13.80	48.41	31.57	8.27	8.09	9.2	3.43	97.1
1241	10/27/2009 8:16	13.77	48.32	31.50	8.25	8.09	2.3	3.46	96.9
1242	10/27/2009 8:31	13.68	48.23	31.43	8.20	8.09	1.8	3.48	96.0
1243	10/27/2009 8:46	13.70	48.16	31.39	8.07	7.97	1.6	3.50	94.5
1244	10/27/2009 9:01	13.62	48.22	31.43	8.18	7.98	2.0	3.50	95.7
1245	10/27/2009 9:16	13.69	48.33	31.51	8.17	8.09	2.0	3.49	95.8
1246	10/27/2009 9:31	13.78	48.21	31.43	8.18	7.98	7.9	3.44	96.0
1247	10/27/2009 9:46	13.89	48.29	31.48	8.16	8.09	2.1	3.41	95.9
1248	10/27/2009 10:01	13.96	48.34	31.52	8.22	8.09	2.0	3.37	96.8
1249	10/27/2009 10:16	13.98	48.22	31.44	8.22	7.98	2.5	3.31	96.8
1250	10/27/2009 10:31	13.80	48.27	31.47	8.20	8.09	2.6	3.25	96.3
1251	10/27/2009 10:46	13.63	48.25	31.45	8.25	8.09	2.9	3.21	96.5
1252	10/27/2009 11:01	13.68	48.23	31.44	8.42	8.00	2.5	3.15	98.6
1253	10/27/2009 11:16	13.88	48.25	31.46	8.62	8.02	2.4	3.11	101.3
1254	10/27/2009 11:31	14.03	48.22	31.44	8.79	8.03	2.6	3.06	103.7
1255	10/27/2009 11:46	14.14	48.16	31.40	8.55	8.02	2.5	2.99	101.0
1256	10/27/2009 12:01	14.16	48.20	31.43	8.84	8.04	2.7	2.95	104.5
1257	10/27/2009 12:16	14.23	48.29	31.50	8.79	8.16	3.1	2.91	104.2
1258	10/27/2009 12:31	14.29	48.26	31.48	8.88	8.05	3.7	2.86	105.2
1259	10/27/2009 12:46	14.34	48.06	31.34	9.03	8.06	4.3	2.82	107.1
1260	10/27/2009 13:01	14.39	48.26	31.48	8.91	8.06	5.1	2.78	105.9
1261	10/27/2009 13:16	14.44	48.28	31.50	8.81	8.17	4.7	2.74	104.8
1262	10/27/2009 13:31	14.48	48.04	31.32	8.71	8.05	5.2	2.69	103.5
1263	10/27/2009 13:46	14.49	48.09	31.36	8.57	8.04	5.1	2.67	102.0
1264	10/27/2009 14:01	14.50	48.12	31.38	8.44	8.03	9.2	2.66	100.5
1265	10/27/2009 14:16	14.52	48.17	31.41	8.39	8.03	3.7	2.64	99.9
1266	10/27/2009 14:31	14.52	48.18	31.43	8.41	8.15	4.1	2.64	100.1
1267	10/27/2009 14:46	14.52	48.12	31.38	8.40	8.02	4.3	2.64	100.0
1268	10/27/2009 15:01	14.52	48.23	31.46	8.33	8.14	4.8	2.67	99.2
1269	10/27/2009 15:16	14.52	48.09	31.36	8.49	8.03	3.8	2.68	101.1
1270	10/27/2009 15:31	14.51	48.22	31.46	8.50	8.15	3.5	2.69	101.2
1271	10/27/2009 15:46	14.51	48.23	31.46	8.46	8.15	3.9	2.74	100.8
1272	10/27/2009 16:01	14.50	48.18	31.42	8.41	8.14	4.3	2.78	100.1
1273	10/27/2009 16:16	14.47	48.20	31.44	8.60	8.16	2.8	2.82	102.4
1274	10/27/2009 16:31	14.46	48.15	31.40	8.50	8.02	3.0	2.86	101.1
1275	10/27/2009 16:46	14.44	48.18	31.42	8.44	8.14	2.9	2.90	100.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1276	10/27/2009 17:01	14.41	48.22	31.45	8.44	8.01	2.7	2.95	100.3
1277	10/27/2009 17:16	14.42	48.17	31.42	8.38	8.13	3.0	2.99	99.6
1278	10/27/2009 17:31	14.43	48.13	31.39	8.34	8.00	2.2	3.03	99.1
1279	10/27/2009 17:46	14.42	48.23	31.46	8.36	8.13	2.3	3.07	99.3
1280	10/27/2009 18:01	14.40	48.08	31.35	8.34	8.00	2.4	3.12	99.1
1281	10/27/2009 18:16	14.39	48.29	31.50	8.33	8.12	2.0	3.15	99.0
1282	10/27/2009 18:31	14.37	48.10	31.36	8.36	8.13	1.8	3.18	99.2
1283	10/27/2009 18:46	14.33	48.16	31.40	8.33	8.00	2.0	3.24	98.8
1284	10/27/2009 19:01	14.31	48.19	31.43	8.28	8.00	2.0	3.25	98.2
1285	10/27/2009 19:16	13.88	48.32	31.51	8.57	8.26	6.0	3.27	100.8
1286	10/27/2009 19:31	13.92	48.32	31.51	8.41	8.22	4.8	3.28	99.0
1287	10/27/2009 19:46	14.05	48.35	31.54	8.35	8.19	3.1	3.29	98.5
1288	10/27/2009 20:01	14.06	48.32	31.51	8.41	8.13	3.3	3.31	99.3
1289	10/27/2009 20:16	13.95	48.13	31.37	8.49	8.18	5.1	3.28	99.9
1290	10/27/2009 20:31	13.70	48.36	31.53	8.19	8.20	7.1	3.27	96.0
1291	10/27/2009 20:46	13.51	48.34	31.51	7.95	8.11	8.5	3.24	92.8
1292	10/27/2009 21:01	13.76	48.36	31.54	7.93	8.10	8.1	3.20	93.0
1293	10/27/2009 21:16	13.87	48.26	31.46	7.92	8.09	9.5	3.16	93.1
1294	10/27/2009 21:31	13.85	48.22	31.43	7.93	8.09	9.6	3.12	93.1
1295	10/27/2009 21:46	13.85	48.34	31.52	7.87	8.09	9.3	3.06	92.5
1296	10/27/2009 22:01	13.79	48.29	31.49	7.86	8.08	10.7	2.99	92.3
1297	10/27/2009 22:16	13.76	48.18	31.40	7.84	8.08	10.9	2.95	92.0
1298	10/27/2009 22:31	13.74	48.07	31.33	7.83	7.96	11.4	2.87	91.8
1299	10/27/2009 22:46	13.64	48.26	31.46	7.83	8.08	10.3	2.81	91.6
1300	10/27/2009 23:01	13.65	48.29	31.48	7.83	8.08	11.3	2.75	91.6
1301	10/27/2009 23:16	13.63	48.29	31.48	7.86	8.08	11.2	2.66	91.9
1302	10/27/2009 23:31	13.70	48.19	31.41	7.85	7.97	11.3	2.59	92.0
1303	10/27/2009 23:46	13.71	48.21	31.42	7.87	7.97	12.5	2.53	92.2
1304	10/28/2009 0:01	13.64	48.13	31.36	7.82	8.08	11.8	2.46	91.5
1305	10/28/2009 0:16	13.60	48.29	31.47	7.79	8.08	11.5	2.39	91.0
1306	10/28/2009 0:31	13.59	48.26	31.45	7.77	8.08	12.5	2.32	90.8
1307	10/28/2009 0:46	13.63	48.29	31.48	7.76	8.08	13.1	2.25	90.8
1308	10/28/2009 1:01	13.65	48.27	31.47	7.74	8.08	13.7	2.20	90.6
1309	10/28/2009 1:16	13.70	48.19	31.41	7.71	8.08	14.4	2.15	90.3
1310	10/28/2009 1:31	13.72	48.25	31.45	7.67	8.08	14.9	2.12	89.8
1311	10/28/2009 1:46	13.74	48.03	31.29	7.65	7.97	14.5	2.11	89.6
1312	10/28/2009 2:01	13.74	48.22	31.43	7.65	8.09	13.7	2.08	89.6
1313	10/28/2009 2:16	13.74	48.20	31.42	7.56	8.08	13.2	2.05	88.6
1314	10/28/2009 2:31	13.69	48.23	31.44	7.67	8.08	13.7	2.07	89.8
1315	10/28/2009 2:46	13.70	48.20	31.41	7.70	8.08	13.4	2.09	90.2
1316	10/28/2009 3:01	13.70	47.95	31.23	7.71	7.97	14.0	2.12	90.2
1317	10/28/2009 3:16	13.73	48.15	31.38	7.72	8.09	13.4	2.15	90.5
1318	10/28/2009 3:31	13.75	48.04	31.30	7.75	7.97	13.9	2.20	90.8
1319	10/28/2009 3:46	13.75	48.14	31.37	7.76	8.09	13.6	2.25	90.9
1320	10/28/2009 4:01	13.75	48.07	31.33	7.76	8.09	13.1	2.32	91.0
1321	10/28/2009 4:16	13.76	48.09	31.34	7.77	8.09	12.1	2.37	91.1
1322	10/28/2009 4:31	13.74	47.97	31.25	7.77	7.97	11.2	2.42	91.0
1323	10/28/2009 4:46	13.74	48.14	31.37	7.78	8.09	10.4	2.51	91.2
1324	10/28/2009 5:01	13.74	48.13	31.36	7.78	8.09	9.8	2.55	91.1
1325	10/28/2009 5:16	13.74	48.09	31.34	7.80	8.09	8.7	2.63	91.3
1326	10/28/2009 5:31	13.71	47.97	31.25	7.82	7.98	8.5	2.70	91.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1327	10/28/2009 5:46	13.68	47.90	31.20	7.84	7.98	8.0	2.75	91.7
1328	10/28/2009 6:01	13.66	47.90	31.20	7.91	7.98	8.7	2.84	92.4
1329	10/28/2009 6:16	13.65	47.85	31.16	7.92	7.98	7.9	2.90	92.5
1330	10/28/2009 6:31	13.67	48.12	31.35	7.95	8.10	6.8	2.97	93.0
1331	10/28/2009 6:46	13.65	48.16	31.38	8.02	8.10	5.4	3.03	93.8
1332	10/28/2009 7:01	13.60	48.14	31.37	8.08	8.10	5.6	3.11	94.4
1333	10/28/2009 7:16	13.57	48.12	31.36	8.07	7.98	5.1	3.16	94.2
1334	10/28/2009 7:31	13.52	48.25	31.44	8.09	8.10	4.8	3.21	94.4
1335	10/28/2009 7:46	13.47	48.18	31.40	8.11	8.10	4.6	3.28	94.5
1336	10/28/2009 8:01	13.42	48.22	31.42	8.13	8.09	4.1	3.33	94.6
1337	10/28/2009 8:16	13.32	48.29	31.47	8.13	8.09	4.0	3.38	94.5
1338	10/28/2009 8:31	13.25	48.23	31.42	8.18	8.09	4.1	3.43	94.9
1339	10/28/2009 8:46	13.17	48.32	31.48	8.16	8.09	3.2	3.46	94.5
1340	10/28/2009 9:01	13.10	48.19	31.39	8.13	8.09	2.0	3.49	94.0
1341	10/28/2009 9:16	13.10	48.28	31.45	7.99	8.08	2.2	3.51	92.5
1342	10/28/2009 9:31	13.15	48.14	31.35	7.86	8.08	3.3	3.52	90.9
1343	10/28/2009 9:46	13.16	48.14	31.35	7.92	7.97	2.5	3.51	91.7
1344	10/28/2009 10:01	13.12	48.19	31.39	8.10	7.97	2.7	3.48	93.7
1345	10/28/2009 10:16	13.14	48.13	31.35	7.99	7.97	4.3	3.45	92.5
1346	10/28/2009 10:31	12.86	48.21	31.40	7.83	8.07	5.3	3.40	90.1
1347	10/28/2009 10:46	12.85	48.13	31.34	8.07	8.08	6.3	3.33	92.8
1348	10/28/2009 11:01	12.68	48.19	31.37	8.22	8.10	5.3	3.27	94.3
1349	10/28/2009 11:16	12.84	48.23	31.41	8.41	8.12	5.1	3.20	96.7
1350	10/28/2009 11:31	13.09	48.06	31.29	8.43	8.12	5.1	3.13	97.4
1351	10/28/2009 11:46	13.28	48.12	31.35	8.13	7.99	6.8	3.06	94.3
1352	10/28/2009 12:01	13.28	48.21	31.41	8.22	8.11	6.4	2.99	95.4
1353	10/28/2009 12:16	13.32	48.01	31.26	8.38	8.02	6.7	2.92	97.3
1354	10/28/2009 12:31	13.36	48.22	31.42	8.46	8.13	7.6	2.87	98.4
1355	10/28/2009 12:46	13.43	48.20	31.41	8.43	8.13	9.4	2.81	98.2
1356	10/28/2009 13:01	13.54	48.11	31.34	8.46	8.14	9.5	2.73	98.7
1357	10/28/2009 13:16	13.59	48.14	31.37	8.40	8.14	9.5	2.68	98.2
1358	10/28/2009 13:31	13.62	48.18	31.40	8.35	8.13	9.9	2.62	97.6
1359	10/28/2009 13:46	13.64	48.10	31.34	8.26	8.13	8.8	2.57	96.5
1360	10/28/2009 14:01	13.62	47.91	31.20	8.06	8.00	9.6	2.51	94.1
1361	10/28/2009 14:16	13.61	48.10	31.34	7.93	8.10	10.2	2.46	92.7
1362	10/28/2009 14:31	13.61	48.08	31.33	7.86	8.10	9.0	2.44	91.8
1363	10/28/2009 14:46	13.61	48.11	31.35	7.74	8.09	8.7	2.40	90.4
1364	10/28/2009 15:01	13.61	48.07	31.32	7.63	8.09	8.2	2.39	89.2
1365	10/28/2009 15:16	13.62	48.07	31.32	7.80	8.09	9.0	2.39	91.2
1366	10/28/2009 15:31	13.62	48.02	31.28	7.85	7.98	10.0	2.40	91.7
1367	10/28/2009 15:46	13.62	48.05	31.30	7.85	7.98	8.7	2.41	91.7
1368	10/28/2009 16:01	13.64	48.08	31.33	7.94	8.10	9.1	2.43	92.8
1369	10/28/2009 16:16	13.65	48.10	31.34	8.03	8.11	8.0	2.47	93.9
1370	10/28/2009 16:31	13.65	48.13	31.36	8.12	8.11	7.4	2.52	95.0
1371	10/28/2009 16:46	13.64	47.87	31.18	8.18	8.00	7.5	2.56	95.5
1372	10/28/2009 17:01	13.64	48.11	31.35	8.17	8.12	6.2	2.60	95.5
1373	10/28/2009 17:16	13.65	48.03	31.29	8.20	8.12	5.9	2.67	95.9
1374	10/28/2009 17:31	13.66	48.08	31.33	8.22	8.12	6.2	2.72	96.1
1375	10/28/2009 17:46	13.65	47.88	31.18	8.25	8.12	5.9	2.78	96.4
1376	10/28/2009 18:01	13.65	47.93	31.22	8.28	8.12	5.6	2.82	96.7
1377	10/28/2009 18:16	13.64	47.90	31.20	8.34	8.13	5.0	2.88	97.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1378	10/28/2009 18:31	13.59	47.96	31.24	8.33	8.12	4.3	2.92	97.2
1379	10/28/2009 18:46	13.58	47.94	31.23	8.34	8.13	4.5	2.98	97.3
1380	10/28/2009 19:01	13.56	47.95	31.23	8.43	8.13	4.0	3.03	98.3
1381	10/28/2009 19:16	13.56	48.02	31.28	8.35	8.12	3.9	3.07	97.5
1382	10/28/2009 19:31	13.54	48.04	31.29	8.29	8.12	4.0	3.12	96.7
1383	10/28/2009 19:46	13.51	47.96	31.24	8.27	8.00	3.5	3.17	96.3
1384	10/28/2009 20:01	13.48	48.09	31.33	8.20	8.11	3.6	3.20	95.5
1385	10/28/2009 20:16	13.42	48.09	31.32	8.17	8.10	2.7	3.24	95.1
1386	10/28/2009 20:31	13.40	47.98	31.25	8.14	8.10	3.0	3.27	94.6
1387	10/28/2009 20:46	13.31	48.11	31.34	8.07	8.10	2.1	3.28	93.7
1388	10/28/2009 21:01	13.32	47.84	31.14	7.83	7.98	2.0	3.30	90.8
1389	10/28/2009 21:16	13.30	48.04	31.29	7.91	7.98	2.1	3.31	91.9
1390	10/28/2009 21:31	13.37	47.98	31.25	7.91	7.98	3.1	3.28	91.9
1391	10/28/2009 21:46	13.31	48.02	31.27	7.81	8.09	3.4	3.27	90.7
1392	10/28/2009 22:01	13.31	48.12	31.34	7.88	8.10	4.5	3.25	91.5
1393	10/28/2009 22:16	13.29	48.04	31.29	7.88	8.10	7.1	3.18	91.5
1394	10/28/2009 22:31	13.23	47.86	31.15	7.76	8.10	6.4	3.14	89.8
1395	10/28/2009 22:46	13.24	47.99	31.24	7.76	7.99	7.4	3.07	89.9
1396	10/28/2009 23:01	13.27	47.84	31.14	7.90	8.02	6.4	3.01	91.6
1397	10/28/2009 23:16	13.37	47.96	31.23	7.83	8.00	8.4	2.94	90.9
1398	10/28/2009 23:31	13.28	48.12	31.34	7.81	8.11	7.5	2.84	90.6
1399	10/28/2009 23:46	13.29	48.03	31.28	7.72	8.10	7.4	2.79	89.6
1400	10/29/2009 0:01	13.21	48.02	31.27	7.67	7.99	7.7	2.71	88.8
1401	10/29/2009 0:16	13.13	47.86	31.15	7.57	7.99	6.8	2.63	87.5
1402	10/29/2009 0:31	13.20	48.08	31.31	7.55	8.09	6.7	2.55	87.5
1403	10/29/2009 0:46	13.21	47.90	31.18	7.55	8.09	6.3	2.50	87.4
1404	10/29/2009 1:01	13.17	48.12	31.34	7.52	8.09	6.0	2.41	87.1
1405	10/29/2009 1:16	13.15	48.04	31.28	7.49	8.08	6.6	2.34	86.6
1406	10/29/2009 1:31	13.18	47.99	31.25	7.43	7.96	5.6	2.30	86.0
1407	10/29/2009 1:46	13.18	48.00	31.25	7.42	7.96	5.3	2.24	85.9
1408	10/29/2009 2:01	13.20	47.92	31.19	7.41	7.96	5.1	2.19	85.7
1409	10/29/2009 2:16	13.20	48.08	31.31	7.35	8.06	5.2	2.15	85.1
1410	10/29/2009 2:31	13.28	47.97	31.24	7.09	7.93	5.3	2.14	82.3
1411	10/29/2009 2:46	13.27	47.93	31.21	7.50	7.96	7.0	2.13	87.0
1412	10/29/2009 3:01	13.25	47.96	31.23	7.49	7.95	6.2	2.10	86.8
1413	10/29/2009 3:16	13.26	48.05	31.30	7.46	8.06	6.9	2.12	86.6
1414	10/29/2009 3:31	13.22	47.87	31.16	7.53	8.07	6.9	2.15	87.2
1415	10/29/2009 3:46	13.24	47.83	31.13	7.56	7.96	6.4	2.17	87.6
1416	10/29/2009 4:01	13.29	47.91	31.19	7.57	7.96	6.7	2.19	87.8
1417	10/29/2009 4:16	13.29	47.88	31.17	7.61	7.96	6.7	2.25	88.2
1418	10/29/2009 4:31	13.28	48.08	31.31	7.59	8.01	7.4	2.32	88.1
1419	10/29/2009 4:46	13.30	48.02	31.27	7.61	8.07	6.5	2.38	88.4
1420	10/29/2009 5:01	13.07	47.94	31.21	7.71	8.07	6.2	2.45	89.0
1421	10/29/2009 5:16	12.92	47.70	31.03	7.86	7.97	6.7	2.52	90.4
1422	10/29/2009 5:31	13.02	47.89	31.16	7.80	8.08	6.2	2.59	89.9
1423	10/29/2009 5:46	13.13	47.98	31.24	7.77	8.09	6.3	2.67	89.9
1424	10/29/2009 6:01	13.13	47.93	31.20	7.76	8.09	5.7	2.72	89.7
1425	10/29/2009 6:16	13.14	47.98	31.23	7.81	8.09	5.3	2.80	90.3
1426	10/29/2009 6:31	13.18	47.90	31.18	7.82	8.09	5.4	2.88	90.5
1427	10/29/2009 6:46	13.20	48.01	31.26	7.83	8.09	5.2	2.95	90.6
1428	10/29/2009 7:01	13.22	48.02	31.27	7.89	8.03	4.3	3.01	91.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1429	10/29/2009 7:16	13.22	47.97	31.23	7.93	8.09	5.3	3.09	91.9
1430	10/29/2009 7:31	13.19	47.96	31.23	7.95	7.98	5.8	3.16	92.0
1431	10/29/2009 7:46	13.13	47.80	31.11	7.98	7.97	4.9	3.23	92.1
1432	10/29/2009 8:01	13.09	48.11	31.33	8.01	8.08	5.6	3.30	92.6
1433	10/29/2009 8:16	13.01	47.92	31.19	8.04	8.08	5.4	3.37	92.7
1434	10/29/2009 8:31	12.83	48.18	31.37	8.12	8.07	6.9	3.44	93.3
1435	10/29/2009 8:46	12.74	48.12	31.33	8.12	8.07	6.9	3.49	93.2
1436	10/29/2009 9:01	12.60	48.15	31.34	8.13	8.06	5.1	3.55	93.1
1437	10/29/2009 9:16	12.56	48.15	31.34	8.11	8.06	4.6	3.59	92.7
1438	10/29/2009 9:31	12.39	48.27	31.42	8.13	8.05	3.2	3.63	92.7
1439	10/29/2009 9:46	12.33	48.22	31.38	8.06	8.05	2.3	3.65	91.8
1440	10/29/2009 10:01	12.40	48.22	31.38	7.91	8.04	1.9	3.65	90.1
1441	10/29/2009 10:16	12.30	48.04	31.25	7.99	8.04	2.9	3.64	90.8
1442	10/29/2009 10:31	12.38	47.99	31.21	8.04	7.95	4.2	3.61	91.5
1443	10/29/2009 10:46	12.54	48.12	31.32	7.99	7.95	3.8	3.57	91.3
1444	10/29/2009 11:01	12.79	48.15	31.35	7.86	8.05	5.4	3.50	90.3
1445	10/29/2009 11:16	12.91	48.14	31.35	7.99	8.07	4.7	3.44	92.0
1446	10/29/2009 11:31	12.93	47.91	31.18	8.02	8.07	4.9	3.37	92.3
1447	10/29/2009 11:46	13.01	47.86	31.14	8.07	7.98	5.1	3.27	93.0
1448	10/29/2009 12:01	13.05	47.92	31.19	7.92	7.97	5.2	3.19	91.4
1449	10/29/2009 12:16	13.11	47.86	31.15	7.84	7.97	4.9	3.12	90.6
1450	10/29/2009 12:31	13.16	48.03	31.28	8.00	8.07	4.8	3.04	92.6
1451	10/29/2009 12:46	13.22	47.92	31.20	8.12	8.10	4.5	2.94	94.0
1452	10/29/2009 13:01	13.27	47.98	31.24	8.37	8.11	3.9	2.87	97.1
1453	10/29/2009 13:16	13.33	47.96	31.23	8.62	8.13	4.3	2.78	100.0
1454	10/29/2009 13:31	13.36	47.84	31.14	8.98	8.05	3.1	2.70	104.3
1455	10/29/2009 13:46	13.39	48.07	31.31	9.06	8.17	3.1	2.61	105.3
1456	10/29/2009 14:01	13.43	48.01	31.27	9.23	8.17	3.0	2.54	107.3
1457	10/29/2009 14:16	13.44	47.88	31.17	8.88	8.15	3.1	2.46	103.3
1458	10/29/2009 14:31	13.44	47.86	31.16	8.63	8.04	3.6	2.38	100.4
1459	10/29/2009 14:46	13.45	47.90	31.19	8.47	8.02	3.8	2.31	98.5
1460	10/29/2009 15:01	13.45	47.98	31.25	8.35	8.12	3.5	2.26	97.2
1461	10/29/2009 15:16	13.44	47.83	31.14	8.15	8.11	3.5	2.22	94.8
1462	10/29/2009 15:31	13.45	47.76	31.09	8.17	8.01	3.2	2.20	95.0
1463	10/29/2009 15:46	13.55	47.98	31.25	8.92	8.15	3.2	2.17	104.0
1464	10/29/2009 16:01	13.54	47.95	31.23	9.05	8.16	2.9	2.18	105.5
1465	10/29/2009 16:16	13.43	47.97	31.24	8.01	8.11	4.2	2.20	93.2
1466	10/29/2009 16:31	13.51	47.94	31.22	8.68	8.13	3.2	2.22	101.1
1467	10/29/2009 16:46	13.49	47.79	31.11	8.47	8.02	3.6	2.27	98.6
1468	10/29/2009 17:01	13.48	47.99	31.26	8.36	8.11	3.5	2.31	97.3
1469	10/29/2009 17:16	13.46	47.80	31.12	8.27	8.00	3.5	2.38	96.2
1470	10/29/2009 17:31	13.49	48.00	31.26	8.29	8.11	3.4	2.43	96.6
1471	10/29/2009 17:46	13.33	47.69	31.03	8.24	8.09	4.1	2.50	95.5
1472	10/29/2009 18:01	13.33	47.81	31.12	8.13	8.09	4.3	2.56	94.4
1473	10/29/2009 18:16	13.43	47.95	31.23	8.15	8.10	3.6	2.62	94.8
1474	10/29/2009 18:31	13.43	47.97	31.24	8.15	8.10	3.1	2.68	94.8
1475	10/29/2009 18:46	13.42	47.52	30.91	8.16	8.00	3.4	2.75	94.8
1476	10/29/2009 19:01	13.40	47.98	31.25	8.09	8.09	3.4	2.81	94.0
1477	10/29/2009 19:16	13.37	47.74	31.07	8.00	7.98	3.5	2.87	92.9
1478	10/29/2009 19:31	13.32	47.99	31.25	7.97	8.08	3.1	2.94	92.5
1479	10/29/2009 19:46	13.30	48.00	31.25	7.94	8.08	2.9	3.00	92.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1480	10/29/2009 20:01	13.25	48.00	31.25	7.94	8.08	2.9	3.06	92.1
1481	10/29/2009 20:16	13.22	47.99	31.25	7.90	8.08	3.2	3.11	91.5
1482	10/29/2009 20:31	13.19	47.88	31.17	7.94	8.08	3.2	3.17	91.9
1483	10/29/2009 20:46	13.14	47.88	31.16	7.96	7.98	3.2	3.22	92.0
1484	10/29/2009 21:01	13.05	47.87	31.15	7.99	7.97	2.7	3.27	92.2
1485	10/29/2009 21:16	13.00	48.10	31.32	7.97	8.07	2.6	3.31	92.0
1486	10/29/2009 21:31	13.01	48.10	31.32	7.93	8.02	2.3	3.34	91.5
1487	10/29/2009 21:46	12.99	47.88	31.16	7.93	8.07	2.3	3.38	91.3
1488	10/29/2009 22:01	12.92	48.09	31.31	7.88	8.06	2.0	3.39	90.8
1489	10/29/2009 22:16	13.00	48.03	31.27	7.86	8.02	2.6	3.39	90.7
1490	10/29/2009 22:31	12.92	48.04	31.28	7.86	8.06	2.8	3.39	90.5
1491	10/29/2009 22:46	12.88	47.82	31.11	7.86	8.05	2.2	3.36	90.4
1492	10/29/2009 23:01	12.93	47.75	31.07	7.85	7.96	2.9	3.32	90.3
1493	10/29/2009 23:16	13.00	47.85	31.14	7.82	7.96	3.5	3.27	90.1
1494	10/29/2009 23:31	13.11	47.78	31.09	7.79	7.96	5.4	3.20	89.9
1495	10/29/2009 23:46	13.20	47.99	31.25	7.73	8.07	3.2	3.13	89.6
1496	10/30/2009 0:01	13.31	47.93	31.21	7.67	8.07	3.4	3.05	89.0
1497	10/30/2009 0:16	13.34	47.90	31.19	7.67	8.06	3.8	2.98	89.1
1498	10/30/2009 0:31	13.38	47.83	31.14	7.54	8.06	3.3	2.90	87.6
1499	10/30/2009 0:46	13.39	47.79	31.11	7.53	7.95	3.7	2.82	87.5
1500	10/30/2009 1:01	13.42	47.87	31.17	7.46	8.05	3.4	2.74	86.8
1501	10/30/2009 1:16	13.41	47.92	31.20	7.56	7.96	6.4	2.66	87.8
1502	10/30/2009 1:31	13.37	47.79	31.11	7.56	7.96	3.5	2.59	87.8
1503	10/30/2009 1:46	13.39	47.77	31.10	7.57	7.96	3.2	2.51	87.9
1504	10/30/2009 2:01	13.36	47.97	31.24	7.54	8.05	3.4	2.43	87.7
1505	10/30/2009 2:16	13.36	47.94	31.21	7.49	8.04	2.9	2.35	87.0
1506	10/30/2009 2:31	13.38	47.71	31.05	7.50	7.95	2.6	2.32	87.0
1507	10/30/2009 2:46	13.38	47.95	31.23	7.43	8.04	2.5	2.27	86.3
1508	10/30/2009 3:01	13.37	47.70	31.04	7.39	7.94	2.7	2.22	85.8
1509	10/30/2009 3:16	13.37	47.79	31.11	7.34	7.94	2.7	2.19	85.2
1510	10/30/2009 3:31	13.36	47.98	31.24	7.20	8.03	2.7	2.20	83.6
1511	10/30/2009 3:46	13.38	47.73	31.07	7.45	7.95	2.5	2.19	86.5
1512	10/30/2009 4:01	13.38	47.95	31.23	7.42	8.05	2.6	2.20	86.2
1513	10/30/2009 4:16	13.38	47.86	31.16	7.46	8.05	2.6	2.23	86.7
1514	10/30/2009 4:31	13.40	47.82	31.13	7.59	7.96	3.3	2.29	88.2
1515	10/30/2009 4:46	13.40	47.80	31.12	7.58	8.06	3.2	2.33	88.1
1516	10/30/2009 5:01	13.38	47.92	31.20	7.55	8.05	3.1	2.38	87.7
1517	10/30/2009 5:16	13.34	47.90	31.19	7.54	8.05	3.2	2.46	87.6
1518	10/30/2009 5:31	13.23	47.69	31.03	7.60	8.04	3.8	2.53	87.9
1519	10/30/2009 5:46	13.27	47.66	31.01	7.60	7.95	4.0	2.59	88.0
1520	10/30/2009 6:01	13.30	47.77	31.09	7.59	7.95	3.6	2.66	88.0
1521	10/30/2009 6:16	13.30	47.83	31.14	7.58	8.05	3.4	2.74	87.8
1522	10/30/2009 6:31	13.30	47.83	31.14	7.61	8.05	3.4	2.82	88.3
1523	10/30/2009 6:46	13.29	47.87	31.16	7.61	7.96	3.3	2.88	88.2
1524	10/30/2009 7:01	13.23	47.71	31.05	7.71	7.96	3.8	2.96	89.2
1525	10/30/2009 7:16	13.18	47.72	31.05	7.72	7.96	3.7	3.04	89.2
1526	10/30/2009 7:31	13.16	47.86	31.15	7.77	8.06	4.6	3.12	89.9
1527	10/30/2009 7:46	13.10	47.90	31.18	7.82	8.06	5.1	3.19	90.3
1528	10/30/2009 8:01	13.01	47.82	31.12	7.81	7.96	5.1	3.27	90.1
1529	10/30/2009 8:16	12.92	47.93	31.19	7.82	7.96	5.6	3.36	90.0
1530	10/30/2009 8:31	12.84	47.96	31.21	7.81	7.95	5.9	3.43	89.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1531	10/30/2009 8:46	12.52	48.13	31.32	7.78	8.03	7.0	3.49	88.9
1532	10/30/2009 9:01	12.35	48.17	31.34	7.81	8.02	6.4	3.57	88.9
1533	10/30/2009 9:16	12.21	48.15	31.33	7.76	8.01	6.6	3.64	88.1
1534	10/30/2009 9:31	12.10	48.31	31.44	7.72	8.01	5.7	3.70	87.5
1535	10/30/2009 9:46	12.02	48.20	31.35	7.68	8.00	3.5	3.74	86.9
1536	10/30/2009 10:01	11.91	48.38	31.47	7.63	8.00	3.0	3.78	86.1
1537	10/30/2009 10:16	11.85	48.29	31.41	7.56	7.99	2.6	3.81	85.2
1538	10/30/2009 10:31	11.98	48.35	31.46	7.52	8.00	2.6	3.80	85.0
1539	10/30/2009 10:46	11.83	48.29	31.41	7.51	7.99	3.0	3.79	84.6
1540	10/30/2009 11:01	11.87	48.22	31.36	7.54	7.91	4.3	3.74	84.9
1541	10/30/2009 11:16	12.02	48.16	31.32	7.58	8.00	4.0	3.70	85.6
1542	10/30/2009 11:31	12.52	48.12	31.32	7.83	8.03	5.7	3.63	89.4
1543	10/30/2009 11:46	12.58	48.08	31.29	7.96	8.04	5.0	3.54	91.0
1544	10/30/2009 12:01	12.70	47.99	31.23	7.96	8.05	5.6	3.46	91.3
1545	10/30/2009 12:16	12.81	47.94	31.20	7.96	8.05	6.6	3.36	91.4
1546	10/30/2009 12:31	12.94	48.00	31.24	8.06	8.06	5.4	3.26	92.8
1547	10/30/2009 12:46	13.05	47.80	31.11	8.34	8.00	4.6	3.16	96.2
1548	10/30/2009 13:01	13.20	47.87	31.16	8.28	8.01	5.2	3.07	95.8
1549	10/30/2009 13:16	13.36	47.94	31.22	8.30	8.09	5.0	2.97	96.4
1550	10/30/2009 13:31	13.41	47.86	31.16	8.14	8.08	6.9	2.87	94.6
1551	10/30/2009 13:46	13.49	47.82	31.14	8.24	8.10	6.7	2.77	96.0
1552	10/30/2009 14:01	13.62	47.91	31.20	8.38	8.11	6.6	2.66	97.8
1553	10/30/2009 14:16	13.68	47.81	31.13	8.64	8.03		2.56	101.0
1554	10/30/2009 14:31	13.73	47.90	31.20	8.82	8.14	4.9	2.45	103.2
1555	10/30/2009 14:46	13.76	47.83	31.15	8.76	8.14	4.6	2.35	102.5
1556	10/30/2009 15:01	13.80	47.86	31.17	8.68	8.13	3.9	2.26	101.7
1557	10/30/2009 15:16	13.86	47.92	31.22	8.70	8.14	3.2	2.17	102.1
1558	10/30/2009 15:31	13.88	47.86	31.18	8.73	8.14	2.7	2.10	102.5
1559	10/30/2009 15:46	13.92	47.72	31.08	8.64	8.14	2.4	2.04	101.4
1560	10/30/2009 16:01	13.91	47.82	31.14	8.52	8.13	2.2	1.98	100.0
1561	10/30/2009 16:16	13.93	47.64	31.01	8.44	8.13	2.0	1.96	99.1
1562	10/30/2009 16:31	14.12	47.68	31.05	9.31	8.08	2.2	1.95	109.7
1563	10/30/2009 16:46	14.03	47.80	31.13	9.02	8.07	2.3	1.94	106.2
1564	10/30/2009 17:01	14.11	47.56	30.96	8.68	8.05	2.4	1.98	102.2
1565	10/30/2009 17:16	13.99	47.79	31.13	8.67	8.14	2.4	2.02	102.0
1566	10/30/2009 17:31	14.05	47.79	31.13	8.36	8.01	3.1	2.06	98.5
1567	10/30/2009 17:46	14.06	47.82	31.15	8.22	8.09	3.1	2.14	96.8
1568	10/30/2009 18:01	14.00	47.45	30.88	8.19	8.09	3.4	2.20	96.2
1569	10/30/2009 18:16	14.00	47.16	30.67	8.20	7.99	4.2	2.28	96.2
1570	10/30/2009 18:31	14.00	47.57	30.97	8.17	8.08	4.1	2.35	96.0
1571	10/30/2009 18:46	13.91	47.45	30.88	8.15	8.08	4.0	2.42	95.6
1572	10/30/2009 19:01	13.85	47.79	31.13	8.19	8.09	3.3	2.51	96.0
1573	10/30/2009 19:16	13.82	47.68	31.04	8.17	8.09	3.4	2.57	95.7
1574	10/30/2009 19:31	13.79	47.52	30.93	8.13	8.08	3.2	2.64	95.1
1575	10/30/2009 19:46	13.67	47.74	31.08	8.03	8.08	3.4	2.73	93.7
1576	10/30/2009 20:01	13.56	47.69	31.04	7.93	8.07	3.4	2.80	92.4
1577	10/30/2009 20:16	13.52	47.86	31.16	7.92	7.98	2.9	2.87	92.2
1578	10/30/2009 20:31	13.48	47.71	31.06	7.89	8.07	3.5	2.95	91.7
1579	10/30/2009 20:46	13.45	47.62	30.99	7.88	7.98	3.5	3.01	91.6
1580	10/30/2009 21:01	13.39	47.62	30.99	7.87	7.98	3.5	3.08	91.4
1581	10/30/2009 21:16	13.29	47.83	31.13	7.87	7.97	3.4	3.15	91.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1582	10/30/2009 21:31	13.18	47.89	31.17	7.86	8.06	3.4	3.20	90.9
1583	10/30/2009 21:46	13.13	47.86	31.15	7.84	7.96	3.5	3.26	90.6
1584	10/30/2009 22:01	13.09	47.78	31.09	7.81	8.05	3.4	3.31	90.1
1585	10/30/2009 22:16	12.91	47.82	31.11	7.73	8.01	3.5	3.36	88.9
1586	10/30/2009 22:31	12.85	47.80	31.10	7.79	8.04	3.6	3.39	89.4
1587	10/30/2009 22:46	12.76	47.83	31.12	7.75	8.03	2.5	3.42	88.8
1588	10/30/2009 23:01	12.76	47.78	31.08	7.70	8.03	2.4	3.43	88.2
1589	10/30/2009 23:16	12.84	47.75	31.06	7.53	8.02	1.6	3.44	86.4
1590	10/30/2009 23:31	12.77	47.76	31.06	7.57	8.02	2.3	3.42	86.8
1591	10/30/2009 23:46	12.82	47.82	31.11	7.64	8.03	3.4	3.37	87.7
1592	10/31/2009 0:01	12.95	47.68	31.01	7.65	7.95	2.6	3.34	88.0
1593	10/31/2009 0:16	13.07	47.60	30.96	7.62	7.95	2.6	3.28	87.8
1594	10/31/2009 0:31	13.21	47.78	31.10	7.59	8.03	4.0	3.19	87.9
1595	10/31/2009 0:46	13.29	47.60	30.97	7.56	8.04	4.5	3.12	87.6
1596	10/31/2009 1:01	13.37	47.73	31.07	7.54	8.04	4.2	3.04	87.5
1597	10/31/2009 1:16	13.40	47.79	31.11	7.44	8.04	3.8	2.94	86.5
1598	10/31/2009 1:31	13.43	47.63	31.00	7.49	7.95	5.6	2.88	87.0
1599	10/31/2009 1:46	13.48	47.66	31.02	7.39	8.04	3.3	2.78	86.0
1600	10/31/2009 2:01	13.45	47.66	31.01	7.49	8.04	3.5	2.70	87.0
1601	10/31/2009 2:16	13.45	47.68	31.03	7.49	8.04	3.2	2.62	87.0
1602	10/31/2009 2:31	13.39	47.72	31.06	7.48	8.03	3.1	2.55	86.9
1603	10/31/2009 2:46	13.42	47.66	31.01	7.50	8.03	2.9	2.48	87.1
1604	10/31/2009 3:01	13.41	47.65	31.01	7.46	8.03	2.9	2.41	86.6
1605	10/31/2009 3:16	13.41	47.56	30.94	7.41	7.94	2.5	2.37	86.0
1606	10/31/2009 3:31	13.43	47.68	31.03	7.39	8.03	2.7	2.30	85.9
1607	10/31/2009 3:46	13.52	47.46	30.87	7.47	8.03	2.5	2.27	86.9
1608	10/31/2009 4:01	13.61	47.60	30.98	7.55	8.04	2.8	2.25	88.0
1609	10/31/2009 4:16	13.71	47.60	30.98	7.62	7.97	2.4	2.24	89.0
1610	10/31/2009 4:31	13.71	47.56	30.95	7.63	8.05	2.2	2.25	89.1
1611	10/31/2009 4:46	13.71	47.60	30.98	7.72	8.06	2.3	2.26	90.2
1612	10/31/2009 5:01	13.68	47.56	30.95	7.68	8.05	2.7	2.32	89.6
1613	10/31/2009 5:16	13.69	47.65	31.02	7.68	8.05	2.7	2.35	89.6
1614	10/31/2009 5:31	13.65	47.53	30.93	7.69	8.05	2.7	2.41	89.7
1615	10/31/2009 5:46	13.62	47.63	31.00	7.67	7.96	3.2	2.51	89.4
1616	10/31/2009 6:01	13.59	47.43	30.85	7.64	8.04	3.6	2.57	89.0
1617	10/31/2009 6:16	13.57	47.51	30.91	7.63	7.95	3.6	2.63	88.8
1618	10/31/2009 6:31	13.51	47.47	30.88	7.61	8.04	3.5	2.72	88.5
1619	10/31/2009 6:46	13.47	47.55	30.94	7.58	7.96	3.3	2.80	88.1
1620	10/31/2009 7:01	13.43	47.56	30.94	7.58	8.04	3.1	2.86	88.1
1621	10/31/2009 7:16	13.36	47.56	30.94	7.59	8.04	3.2	2.94	88.1
1622	10/31/2009 7:31	13.24	47.55	30.93	7.67	7.96	3.9	3.02	88.7
1623	10/31/2009 7:46	13.20	47.72	31.05	7.69	8.04	4.3	3.10	88.9
1624	10/31/2009 8:01	13.14	47.60	30.97	7.70	8.05	4.6	3.18	88.9
1625	10/31/2009 8:16	13.03	47.78	31.09	7.70	8.04	5.2	3.26	88.7
1626	10/31/2009 8:31	12.84	47.67	31.01	7.66	8.03	6.0	3.35	87.9
1627	10/31/2009 8:46	12.72	47.89	31.15	7.65	7.94	5.9	3.43	87.6
1628	10/31/2009 9:01	12.44	47.86	31.12	7.59	7.93	9.0	3.51	86.4
1629	10/31/2009 9:16	12.16	47.94	31.17	7.58	7.93	8.0	3.60	85.8
1630	10/31/2009 9:31	12.01	47.99	31.20	7.57	7.99	7.9	3.68	85.5
1631	10/31/2009 9:46	11.78	48.20	31.34	7.53	7.98	7.6	3.74	84.7
1632	10/31/2009 10:01	11.69	48.13	31.29	7.50	7.98	6.7	3.82	84.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1633	10/31/2009 10:16	11.53	48.05	31.22	7.48	7.97	5.2	3.87	83.6
1634	10/31/2009 10:31	11.50	48.08	31.24	7.46	7.97	3.5	3.91	83.3
1635	10/31/2009 10:46	11.48	48.13	31.27	7.38	7.97	2.3	3.94	82.5
1636	10/31/2009 11:01	11.63	48.09	31.25	7.41	7.98	2.1	3.94	83.1
1637	10/31/2009 11:16	11.57	48.29	31.40	7.36	7.97	2.6	3.93	82.4
1638	10/31/2009 11:31	11.50	48.23	31.35	7.36	7.97	3.7	3.89	82.2
1639	10/31/2009 11:46	11.52	48.27	31.38	7.37	7.97	4.3	3.83	82.5
1640	10/31/2009 12:01	12.40	47.90	31.15	7.95	8.03	5.9	3.75	90.4
1641	10/31/2009 12:16	12.36	47.93	31.17	7.95	8.02	6.0	3.66	90.4
1642	10/31/2009 12:31	12.55	48.03	31.25	8.02	8.04	6.5	3.56	91.7
1643	10/31/2009 12:46	12.72	47.93	31.18	7.94	8.04	8.5	3.45	91.0
1644	10/31/2009 13:01	12.78	47.88	31.15	7.87	8.03	6.6	3.35	90.3
1645	10/31/2009 13:16	13.04	47.80	31.10	7.90	8.02	7.3	3.23	91.1
1646	10/31/2009 13:31	13.23	47.65	31.00	7.98	8.06	7.6	3.12	92.3
1647	10/31/2009 13:46	13.27	47.66	31.01	8.00	8.06	5.4	3.03	92.6
1648	10/31/2009 14:01	13.37	47.69	31.03	8.12	8.07	4.8	2.90	94.3
1649	10/31/2009 14:16	13.48	47.60	30.97	8.28	8.09	5.0	2.80	96.3
1650	10/31/2009 14:31	13.51	47.45	30.87	8.49	8.02	4.7	2.69	98.7
1651	10/31/2009 14:46	13.52	47.23	30.71	8.48	8.01	5.0	2.56	98.5
1652	10/31/2009 15:01	13.56	47.65	31.01	8.83	8.04	5.1	2.44	102.9
1653	10/31/2009 15:16	13.64	47.55	30.94	8.64	8.04	5.6	2.31	100.8
1654	10/31/2009 15:31	13.73	47.54	30.94	9.10	8.08	4.4	2.19	106.4
1655	10/31/2009 15:46	13.79	47.56	30.95	8.84	8.13	4.2	2.09	103.4
1656	10/31/2009 16:01	13.84	47.49	30.91	8.89	8.15	3.2	2.00	104.1
1657	10/31/2009 16:16	13.88	47.56	30.96	8.55	8.04	3.2	1.91	100.2
1658	10/31/2009 16:31	13.92	47.53	30.93	8.50	8.12	2.7	1.84	99.7
1659	10/31/2009 16:46	13.99	47.55	30.95	8.56	8.13	2.9	1.80	100.6
1660	10/31/2009 17:01	13.99	47.47	30.90	8.41	8.12	2.2	1.78	98.8
1661	10/31/2009 17:16	13.89	47.53	30.94	8.95	8.15	2.4	1.77	104.9
1662	10/31/2009 17:31	13.94	47.52	30.93	8.62	8.14	2.3	1.79	101.1
1663	10/31/2009 17:46	13.99	47.36	30.82	8.48	8.03	2.9	1.82	99.5
1664	10/31/2009 18:01	14.03	47.55	30.95	8.35	8.11	2.9	1.89	98.2
1665	10/31/2009 18:16	14.10	47.38	30.83	8.31	8.11	3.0	1.96	97.8
1666	10/31/2009 18:31	14.09	47.44	30.88	8.27	8.10	3.1	2.02	97.3
1667	10/31/2009 18:46	14.10	47.33	30.80	8.20	8.09	3.9	2.11	96.5
1668	10/31/2009 19:01	14.09	47.18	30.69	8.15	7.99	3.8	2.19	95.8
1669	10/31/2009 19:16	14.03	47.18	30.69	8.16	7.99	3.7	2.27	95.7
1670	10/31/2009 19:31	13.93	47.36	30.81	8.18	7.99	3.4	2.35	95.9
1671	10/31/2009 19:46	13.89	47.44	30.87	8.17	8.09	3.2	2.44	95.8
1672	10/31/2009 20:01	13.86	47.47	30.89	8.15	8.08	3.4	2.53	95.4
1673	10/31/2009 20:16	13.77	47.49	30.91	8.13	8.08	3.2	2.61	95.1
1674	10/31/2009 20:31	13.67	47.58	30.97	8.01	8.07	3.2	2.70	93.4
1675	10/31/2009 20:46	13.63	47.60	30.98	7.96	8.07	3.4	2.79	92.8
1676	10/31/2009 21:01	13.62	47.72	31.06	7.93	8.07	3.4	2.87	92.5
1677	10/31/2009 21:16	13.59	47.60	30.98	7.93	8.07	3.7	2.95	92.4
1678	10/31/2009 21:31	13.49	47.59	30.97	7.93	8.07	3.7	3.03	92.2
1679	10/31/2009 21:46	13.37	47.68	31.03	7.89	8.06	3.8	3.10	91.5
1680	10/31/2009 22:01	13.30	47.60	30.97	7.87	7.97	4.0	3.17	91.2
1681	10/31/2009 22:16	13.22	47.54	30.92	7.84	7.96	3.9	3.25	90.6
1682	10/31/2009 22:31	13.09	47.73	31.06	7.79	8.04	4.5	3.30	89.9
1683	10/31/2009 22:46	12.91	47.78	31.08	7.79	8.00	4.5	3.36	89.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1684	10/31/2009 23:01	12.76	47.79	31.08	7.76	8.03	3.8	3.42	88.9
1685	10/31/2009 23:16	12.71	47.84	31.12	7.73	8.03	3.4	3.46	88.5
1686	10/31/2009 23:31	12.49	47.92	31.17	7.71	8.02	2.9	3.50	87.9
1687	10/31/2009 23:46	12.37	47.87	31.13	7.67	8.01	2.8	3.51	87.2
1688	11/1/2009 0:01	12.42	47.56	30.91	7.63	7.94	2.6	3.53	86.7
1689	11/1/2009 0:16	12.40	47.98	31.21	7.47	8.00	1.6	3.53	85.0
1690	11/1/2009 0:31	12.39	47.72	31.02	7.59	7.93	2.7	3.48	86.3
1691	11/1/2009 0:46	12.52	47.76	31.06	7.63	7.93	3.7	3.44	87.0
1692	11/1/2009 1:01	12.74	47.72	31.03	7.61	8.02	4.9	3.39	87.1
1693	11/1/2009 1:16	12.89	47.65	30.99	7.64	8.02	5.1	3.32	87.8
1694	11/1/2009 1:31	13.00	47.66	31.00	7.62	8.02	4.3	3.24	87.8
1695	11/1/2009 1:46	13.02	47.70	31.03	7.59	8.02	3.9	3.15	87.5
1696	11/1/2009 2:01	13.08	47.73	31.05	7.55	8.02	3.3	3.07	87.1
1697	11/1/2009 2:16	13.04	47.51	30.90	7.55	8.01	3.9	2.98	87.0
1698	11/1/2009 2:31	13.12	47.44	30.85	7.56	7.94	3.5	2.90	87.2
1699	11/1/2009 2:46	13.24	47.50	30.89	7.53	7.94	3.4	2.82	87.1
1700	11/1/2009 3:01	13.25	47.59	30.96	7.56	8.02	3.7	2.74	87.4
1701	11/1/2009 3:16	13.21	47.78	31.10	7.52	8.02	3.4	2.68	87.0
1702	11/1/2009 3:31	13.29	47.56	30.94	7.56	7.94	3.4	2.59	87.6
1703	11/1/2009 3:46	13.37	47.55	30.93	7.54	8.03	3.5	2.51	87.4
1704	11/1/2009 4:01	13.39	47.40	30.83	7.53	7.94	2.9	2.46	87.3
1705	11/1/2009 4:16	13.45	47.45	30.87	7.53	7.95	2.9	2.40	87.4
1706	11/1/2009 4:31	13.51	47.42	30.85	7.53	8.03	2.8	2.37	87.5
1707	11/1/2009 4:46	13.58	47.58	30.96	7.56	8.04	2.9	2.36	88.1
1708	11/1/2009 5:01	13.60	47.36	30.80	7.52	7.95	2.5	2.35	87.6
1709	11/1/2009 5:16	13.62	47.54	30.93	7.59	8.04	2.4	2.35	88.4
1710	11/1/2009 5:31	13.72	47.51	30.92	7.72	8.05	2.6	2.41	90.2
1711	11/1/2009 5:46	13.69	47.54	30.94	7.71	8.05	2.8	2.44	90.0
1712	11/1/2009 6:01	13.68	47.34	30.79	7.73	8.05	3.2	2.50	90.2
1713	11/1/2009 6:16	13.64	47.38	30.82	7.69	7.97	3.5	2.56	89.6
1714	11/1/2009 6:31	13.59	47.46	30.88	7.64	8.04	4.2	2.63	89.0
1715	11/1/2009 6:46	13.55	47.35	30.80	7.66	8.04	4.8	2.72	89.1
1716	11/1/2009 7:01	13.49	47.51	30.91	7.63	8.04	3.6	2.77	88.7
1717	11/1/2009 7:16	13.43	47.43	30.85	7.63	7.95	4.1	2.87	88.6
1718	11/1/2009 7:31	13.40	47.53	30.92	7.63	8.03	3.7	2.94	88.5
1719	11/1/2009 7:46	13.30	47.56	30.94	7.64	7.95	3.8	3.01	88.5
1720	11/1/2009 8:01	13.16	47.67	31.01	7.68	8.03	4.5	3.11	88.7
1721	11/1/2009 8:16	13.05	47.59	30.95	7.71	7.96	4.6	3.18	88.8
1722	11/1/2009 8:31	12.95	47.77	31.08	7.71	8.03	5.1	3.27	88.7
1723	11/1/2009 8:46	12.81	47.54	30.91	7.72	8.02	5.8	3.36	88.5
1724	11/1/2009 9:01	12.60	47.78	31.08	7.69	8.01	6.8	3.44	87.9
1725	11/1/2009 9:16	12.45	47.84	31.11	7.67	8.00	7.2	3.53	87.4
1726	11/1/2009 9:31	12.16	47.95	31.17	7.66	7.99	8.5	3.64	86.7
1727	11/1/2009 9:46	11.93	47.90	31.13	7.66	7.98	8.9	3.73	86.3
1728	11/1/2009 10:01	11.67	47.90	31.12	7.63	7.92	8.3	3.79	85.5
1729	11/1/2009 10:16	11.51	48.07	31.23	7.60	7.92	7.8	3.89	84.9
1730	11/1/2009 10:31	11.37	48.08	31.24	7.59	7.96	5.7	3.95	84.6
1731	11/1/2009 10:46	11.29	48.18	31.30	7.58	7.96	4.4	4.01	84.4
1732	11/1/2009 11:01	11.29	47.98	31.16	7.57	7.91	2.9	4.05	84.2
1733	11/1/2009 11:16	11.28	48.05	31.21	7.56	7.97	2.9	4.08	84.0
1734	11/1/2009 11:31	11.47	48.14	31.28	7.55	7.97	2.5	4.09	84.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1735	11/1/2009 11:46	11.37	48.16	31.29	7.51	7.96	3.2	4.06	83.7
1736	11/1/2009 12:01	11.30	48.14	31.28	7.54	7.96	2.9	4.02	83.9
1737	11/1/2009 12:16	11.33	48.15	31.28	7.72	7.97	4.2	3.97	86.0
1738	11/1/2009 12:31	12.02	47.95	31.17	8.05	8.02	3.5	3.89	91.0
1739	11/1/2009 12:46	12.04	48.03	31.23	8.26	8.03	4.2	3.78	93.4
1740	11/1/2009 13:01	12.20	47.99	31.21	8.20	8.04	5.1	3.66	93.0
1741	11/1/2009 13:16	12.45	47.87	31.13	8.29	8.04	4.4	3.57	94.4
1742	11/1/2009 13:31	12.67	47.87	31.14	8.05	8.04	7.6	3.45	92.1
1743	11/1/2009 13:46	12.88	47.73	31.05	8.02	8.04	7.7	3.32	92.1
1744	11/1/2009 14:01	13.07	47.47	30.86	8.09	7.97	5.6	3.20	93.2
1745	11/1/2009 14:16	13.21	47.57	30.94	8.13	7.98	6.3	3.08	94.0
1746	11/1/2009 14:31	13.41	47.65	31.01	8.23	8.07	7.6	2.95	95.6
1747	11/1/2009 14:46	13.55	47.59	30.97	8.44	8.09	6.7	2.84	98.3
1748	11/1/2009 15:01	13.54	47.60	30.98	8.66	8.11	5.0	2.68	100.9
1749	11/1/2009 15:16	13.54	47.74	31.08	9.20	8.15	4.8	2.57	107.2
1750	11/1/2009 15:31	13.62	47.65	31.01	9.17	8.12	4.8	2.45	107.0
1751	11/1/2009 15:46	13.70	47.67	31.03	9.03	8.14	4.6	2.31	105.5
1752	11/1/2009 16:01	13.79	47.65	31.02	8.76	8.13	4.8	2.18	102.5
1753	11/1/2009 16:16	13.92	47.34	30.80	9.16	8.08	4.5	2.04	107.3
1754	11/1/2009 16:31	13.92	47.50	30.92	8.83	8.15	3.7	1.93	103.5
1755	11/1/2009 16:46	13.95	47.48	30.90	8.83	8.14	3.6	1.82	103.6
1756	11/1/2009 17:01	14.06	47.49	30.91	8.80	8.06	3.7	1.71	103.5
1757	11/1/2009 17:16	14.15	47.31	30.79	8.78	8.06	3.8	1.63	103.3
1758	11/1/2009 17:31	14.27	47.39	30.84	8.77	8.06	4.0	1.56	103.5
1759	11/1/2009 17:46	14.29	47.31	30.79	8.73	8.06	3.4	1.57	103.0
1760	11/1/2009 18:01	14.23	47.31	30.79	8.89	8.08	3.2	1.60	104.8
1761	11/1/2009 18:16	14.34	47.34	30.81	8.77	8.06	3.2	1.58	103.7
1762	11/1/2009 18:31	14.36	47.40	30.85	8.67	8.14	3.3	1.65	102.6
1763	11/1/2009 18:46	14.36	47.11	30.65	8.59	8.04	3.2	1.74	101.5
1764	11/1/2009 19:01	14.37	47.41	30.86	8.54	8.13	3.7	1.82	101.1
1765	11/1/2009 19:16	14.34	47.00	30.57	8.47	8.03	3.8	1.90	99.9
1766	11/1/2009 19:31	14.40	46.87	30.47	8.31	8.00	4.9	2.00	98.1
1767	11/1/2009 19:46	14.36	47.07	30.61	8.27	8.00	4.2	2.07	97.6
1768	11/1/2009 20:01	14.28	47.27	30.76	8.30	8.09	4.1	2.16	98.0
1769	11/1/2009 20:16	14.19	47.35	30.81	8.36	8.10	3.8	2.25	98.5
1770	11/1/2009 20:31	14.14	47.34	30.81	8.37	8.01	3.5	2.34	98.5
1771	11/1/2009 20:46	14.07	47.27	30.76	8.37	8.01	3.7	2.45	98.4
1772	11/1/2009 21:01	13.91	47.17	30.67	8.24	8.00	3.7	2.54	96.4
1773	11/1/2009 21:16	13.83	47.41	30.85	8.15	8.08	4.0	2.65	95.4
1774	11/1/2009 21:31	13.77	47.42	30.85	8.10	8.08	4.2	2.73	94.6
1775	11/1/2009 21:46	13.71	47.46	30.88	8.06	8.07	4.5	2.82	94.1
1776	11/1/2009 22:01	13.57	47.59	30.97	8.05	8.07	5.2	2.91	93.8
1777	11/1/2009 22:16	13.44	47.62	30.99	8.00	8.06	5.2	3.00	93.0
1778	11/1/2009 22:31	13.34	47.42	30.84	7.98	7.97	5.0	3.09	92.5
1779	11/1/2009 22:46	13.28	47.64	31.00	7.95	8.05	5.1	3.16	92.1
1780	11/1/2009 23:01	13.10	47.66	31.01	7.93	8.04	5.6	3.24	91.5
1781	11/1/2009 23:16	12.85	47.54	30.91	7.91	8.03	6.3	3.32	90.7
1782	11/1/2009 23:31	12.57	47.76	31.06	7.88	8.02	6.3	3.38	90.0
1783	11/1/2009 23:46	12.39	47.88	31.13	7.87	8.01	5.4	3.42	89.6
1784	11/2/2009 0:01	12.26	47.79	31.07	7.88	8.01	5.2	3.48	89.4
1785	11/2/2009 0:16	12.20	47.90	31.15	7.84	8.00	4.4	3.54	88.9

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1786	11/2/2009 0:31	12.16	47.91	31.15	7.83	8.00	2.9	3.57	88.7
1787	11/2/2009 0:46	12.31	47.84	31.10	7.71	8.00	2.3	3.58	87.6
1788	11/2/2009 1:01	12.16	47.80	31.07	7.72	7.93	3.1	3.57	87.4
1789	11/2/2009 1:16	12.15	47.97	31.19	7.75	8.00	3.2	3.56	87.7
1790	11/2/2009 1:31	12.17	47.85	31.11	7.78	8.00	3.6	3.50	88.1
1791	11/2/2009 1:46	12.46	47.53	30.89	7.67	7.93	4.6	3.44	87.2
1792	11/2/2009 2:01	12.68	47.69	31.01	7.63	8.01	4.3	3.38	87.3
1793	11/2/2009 2:16	12.68	47.73	31.04	7.64	8.01	3.6	3.29	87.4
1794	11/2/2009 2:31	12.76	47.75	31.05	7.56	7.98	3.4	3.22	86.7
1795	11/2/2009 2:46	12.74	47.54	30.91	7.55	8.01	4.0	3.12	86.4
1796	11/2/2009 3:01	12.83	47.68	31.01	7.54	8.01	3.4	3.03	86.5
1797	11/2/2009 3:16	12.94	47.67	31.01	7.52	7.98	2.8	2.95	86.4
1798	11/2/2009 3:31	13.07	47.64	30.99	7.52	7.99	3.2	2.88	86.7
1799	11/2/2009 3:46	13.13	47.39	30.81	7.55	8.03	3.2	2.80	87.1
1800	11/2/2009 4:01	13.13	47.58	30.95	7.56	8.03	3.0	2.74	87.2
1801	11/2/2009 4:16	13.10	47.66	31.01	7.53	7.99	2.8	2.67	86.9
1802	11/2/2009 4:31	13.05	47.53	30.91	7.54	8.02	2.8	2.60	86.9
1803	11/2/2009 4:46	13.14	47.58	30.94	7.58	8.03	3.1	2.56	87.4
1804	11/2/2009 5:01	13.20	47.36	30.79	7.62	8.03	2.8	2.50	88.0
1805	11/2/2009 5:16	13.27	47.37	30.80	7.68	8.04	2.9	2.47	88.8
1806	11/2/2009 5:31	13.43	47.44	30.86	7.73	7.97	2.5	2.46	89.7
1807	11/2/2009 5:46	13.49	47.33	30.78	7.77	8.06	2.4	2.48	90.2
1808	11/2/2009 6:01	13.52	47.52	30.92	7.74	8.06	2.1	2.49	90.0
1809	11/2/2009 6:16	13.49	47.42	30.84	7.79	8.06	2.3	2.51	90.5
1810	11/2/2009 6:31	13.45	47.44	30.85	7.79	8.06	2.9	2.55	90.4
1811	11/2/2009 6:46	13.45	47.43	30.85	7.79	8.05	3.5	2.60	90.4
1812	11/2/2009 7:01	13.41	47.44	30.86	7.76	8.05	3.4	2.66	90.0
1813	11/2/2009 7:16	13.32	47.25	30.71	7.71	7.96	3.7	2.75	89.2
1814	11/2/2009 7:31	13.27	47.46	30.87	7.69	8.04	4.9	2.84	89.0
1815	11/2/2009 7:46	13.21	47.55	30.93	7.69	8.04	4.0	2.92	88.9
1816	11/2/2009 8:01	13.13	47.52	30.90	7.66	7.95	3.9	3.00	88.4
1817	11/2/2009 8:16	13.08	47.62	30.97	7.70	8.03	3.7	3.08	88.7
1818	11/2/2009 8:31	12.90	47.52	30.90	7.75	8.03	4.3	3.17	89.0
1819	11/2/2009 8:46	12.84	47.37	30.78	7.79	7.95	4.8	3.27	89.3
1820	11/2/2009 9:01	12.78	47.63	30.97	7.80	7.95	4.8	3.34	89.4
1821	11/2/2009 9:16	12.53	47.71	31.02	7.81	8.01	5.2	3.42	89.1
1822	11/2/2009 9:31	12.32	47.42	30.80	7.81	7.94	6.0	3.51	88.6
1823	11/2/2009 9:46	12.19	47.76	31.04	7.79	8.00	6.2	3.62	88.2
1824	11/2/2009 10:01	11.93	47.90	31.13	7.79	8.00	7.5	3.70	87.8
1825	11/2/2009 10:16	11.75	47.71	30.98	7.79	7.99	7.4	3.79	87.3
1826	11/2/2009 10:31	11.41	47.91	31.12	7.77	7.93	7.2	3.89	86.6
1827	11/2/2009 10:46	11.23	47.88	31.08	7.74	7.98	6.8	3.96	85.9
1828	11/2/2009 11:01	11.10	47.88	31.07	7.72	7.92	5.0	4.04	85.5
1829	11/2/2009 11:16	11.13	47.95	31.13	7.76	7.97	3.5	4.09	85.9
1830	11/2/2009 11:31	11.12	47.98	31.15	7.79	7.98	3.1	4.15	86.3
1831	11/2/2009 11:46	11.11	47.83	31.04	7.83	7.98	2.0	4.17	86.6
1832	11/2/2009 12:01	11.29	47.97	31.15	7.74	7.98	2.6	4.17	86.0
1833	11/2/2009 12:16	11.20	48.00	31.17	7.72	7.97	2.1	4.16	85.7
1834	11/2/2009 12:31	11.10	47.99	31.15	7.76	7.97	3.2	4.11	85.9
1835	11/2/2009 12:46	11.13	48.00	31.17	7.77	7.97	3.0	4.06	86.0
1836	11/2/2009 13:01	12.00	47.89	31.13	8.48	8.05	3.2	3.96	95.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1837	11/2/2009 13:16	11.91	47.98	31.19	8.51	8.05	3.1	3.87	95.9
1838	11/2/2009 13:31	12.10	47.91	31.15	8.62	8.06	3.2	3.77	97.5
1839	11/2/2009 13:46	12.22	47.78	31.06	8.21	8.04	6.8	3.63	93.0
1840	11/2/2009 14:01	12.57	47.73	31.04	8.29	8.06	6.5	3.51	94.6
1841	11/2/2009 14:16	12.71	47.70	31.02	8.28	8.06	5.4	3.39	94.8
1842	11/2/2009 14:31	12.85	47.67	31.01	8.26	8.05	6.2	3.27	94.8
1843	11/2/2009 14:46	12.98	47.62	30.97	8.36	7.98	5.6	3.14	96.2
1844	11/2/2009 15:01	13.10	47.66	31.01	8.50	8.07	5.8	3.00	98.1
1845	11/2/2009 15:16	13.29	47.43	30.84	8.53	8.08	5.4	2.87	98.7
1846	11/2/2009 15:31	13.31	47.54	30.93	8.77	8.10	5.7	2.74	101.6
1847	11/2/2009 15:46	13.33	47.39	30.82	8.98	8.04	5.1	2.59	104.0
1848	11/2/2009 16:01	13.46	47.51	30.91	9.43	8.15	6.1	2.43	109.6
1849	11/2/2009 16:16	13.50	47.59	30.97	9.53	8.19	4.6	2.29	110.9
1850	11/2/2009 16:31	13.61	47.60	30.98	9.01	8.15	4.9	2.14	105.1
1851	11/2/2009 16:46	13.69	47.43	30.86	9.26	8.08	4.8	1.99	108.0
1852	11/2/2009 17:01	13.76	47.44	30.87	8.94	8.14	4.9	1.84	104.4
1853	11/2/2009 17:16	13.84	47.49	30.91	8.91	8.14	5.1	1.71	104.4
1854	11/2/2009 17:31	13.93	47.36	30.81	8.95	8.15	4.7	1.61	104.9
1855	11/2/2009 17:46	13.94	47.44	30.87	8.91	8.07	4.0	1.52	104.4
1856	11/2/2009 18:01	14.07	47.29	30.76	8.98	8.08	6.8	1.43	105.6
1857	11/2/2009 18:16	14.16	47.39	30.84	8.97	8.17	5.0	1.40	105.6
1858	11/2/2009 18:31	14.00	47.38	30.83	9.01	8.17	5.7	1.38	105.7
1859	11/2/2009 18:46	14.23	47.06	30.60	8.99	8.09	4.3	1.43	106.0
1860	11/2/2009 19:01	14.23	47.28	30.76	8.97	8.16	4.0	1.48	105.8
1861	11/2/2009 19:16	14.26	47.33	30.80	8.90	8.08	3.8	1.56	105.0
1862	11/2/2009 19:31	14.26	47.32	30.79	8.89	8.16	3.8	1.64	104.9
1863	11/2/2009 19:46	14.24	47.10	30.63	8.85	8.07	3.6	1.73	104.3
1864	11/2/2009 20:01	14.12	47.11	30.64	8.62	8.04	4.5	1.82	101.3
1865	11/2/2009 20:16	14.08	46.91	30.49	8.50	8.02	4.8	1.90	99.7
1866	11/2/2009 20:31	14.08	46.85	30.45	8.51	8.03	4.4	1.98	99.8
1867	11/2/2009 20:46	14.05	47.25	30.74	8.55	8.12	4.0	2.07	100.5
1868	11/2/2009 21:01	13.99	47.32	30.78	8.58	8.08	3.7	2.16	100.7
1869	11/2/2009 21:16	13.93	47.35	30.81	8.58	8.12	3.8	2.25	100.6
1870	11/2/2009 21:31	13.90	47.34	30.80	8.58	8.11	3.8	2.36	100.5
1871	11/2/2009 21:46	13.80	47.29	30.76	8.49	8.10	4.0	2.47	99.3
1872	11/2/2009 22:01	13.73	47.42	30.85	8.36	8.09	4.3	2.56	97.6
1873	11/2/2009 22:16	13.71	47.39	30.83	8.28	8.09	4.6	2.67	96.7
1874	11/2/2009 22:31	13.67	47.51	30.91	8.25	8.08	5.4	2.79	96.2
1875	11/2/2009 22:46	13.56	47.50	30.91	8.23	8.08	5.4	2.87	95.8
1876	11/2/2009 23:01	13.41	47.60	30.97	8.18	8.07	5.2	2.97	95.0
1877	11/2/2009 23:16	13.33	47.39	30.82	8.16	7.99	5.1	3.05	94.5
1878	11/2/2009 23:31	13.23	47.51	30.90	8.13	7.99	6.0	3.14	94.0
1879	11/2/2009 23:46	12.99	47.64	30.99	8.10	8.05	7.1	3.22	93.3
1880	11/3/2009 0:01	12.70	47.77	31.07	8.06	8.02	6.6	3.27	92.3
1881	11/3/2009 0:16	12.47	47.78	31.07	8.03	8.03	6.5	3.36	91.5
1882	11/3/2009 0:31	12.27	47.69	30.99	8.02	8.02	5.8	3.41	91.0
1883	11/3/2009 0:46	12.11	47.77	31.04	8.02	8.01	5.4	3.47	90.6
1884	11/3/2009 1:01	12.07	47.81	31.07	7.99	8.01	4.3	3.52	90.3
1885	11/3/2009 1:16	12.07	47.80	31.07	7.97	8.01	3.8	3.56	90.0
1886	11/3/2009 1:31	12.03	47.85	31.10	7.96	8.01	3.1	3.59	89.9
1887	11/3/2009 1:46	12.19	47.63	30.95	7.88	8.01	2.1	3.58	89.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1888	11/3/2009 2:01	12.02	47.84	31.09	7.91	8.01	2.9	3.57	89.3
1889	11/3/2009 2:16	12.04	47.75	31.03	7.94	8.01	3.8	3.51	89.6
1890	11/3/2009 2:31	12.16	47.68	30.98	7.89	7.95	4.2	3.46	89.2
1891	11/3/2009 2:46	12.39	47.60	30.93	7.86	8.02	4.3	3.38	89.4
1892	11/3/2009 3:01	12.46	47.66	30.98	7.86	8.02	6.5	3.30	89.4
1893	11/3/2009 3:16	12.58	47.71	31.02	7.80	8.02	4.3	3.21	89.1
1894	11/3/2009 3:31	12.65	47.65	30.98	7.74	8.02	3.5	3.12	88.4
1895	11/3/2009 3:46	12.61	47.67	30.99	7.68	8.01	2.9	3.04	87.7
1896	11/3/2009 4:01	12.82	47.61	30.96	7.70	8.02	2.9	2.96	88.3
1897	11/3/2009 4:16	12.89	47.57	30.94	7.66	8.00	3.9	2.89	88.0
1898	11/3/2009 4:31	12.93	47.40	30.81	7.69	8.02	2.9	2.82	88.3
1899	11/3/2009 4:46	12.95	47.59	30.95	7.74	8.03	3.0	2.76	88.9
1900	11/3/2009 5:01	12.93	47.59	30.95	7.67	8.01	2.8	2.70	88.2
1901	11/3/2009 5:16	12.94	47.57	30.93	7.73	8.01	2.8	2.63	88.9
1902	11/3/2009 5:31	12.94	47.56	30.93	7.72	8.01	2.7	2.58	88.7
1903	11/3/2009 5:46	13.01	47.45	30.85	7.77	7.97	2.7	2.56	89.3
1904	11/3/2009 6:01	13.10	47.41	30.83	7.84	8.05	2.6	2.52	90.3
1905	11/3/2009 6:16	13.19	47.38	30.80	7.90	8.06	2.4	2.52	91.2
1906	11/3/2009 6:31	13.17	47.52	30.91	7.91	8.06	2.1	2.53	91.4
1907	11/3/2009 6:46	13.18	47.41	30.83	7.95	8.06	2.4	2.56	91.7
1908	11/3/2009 7:01	13.17	47.48	30.88	7.92	8.05	2.7	2.59	91.4
1909	11/3/2009 7:16	13.21	47.16	30.65	7.96	7.99	3.4	2.65	91.9
1910	11/3/2009 7:31	13.16	47.41	30.83	7.93	7.98	4.5	2.72	91.5
1911	11/3/2009 7:46	13.05	47.50	30.89	7.90	8.05	4.8	2.80	91.0
1912	11/3/2009 8:01	12.98	47.50	30.89	7.88	8.04	4.9	2.88	90.6
1913	11/3/2009 8:16	12.92	47.33	30.76	7.85	8.04	4.0	2.96	90.1
1914	11/3/2009 8:31	12.86	47.44	30.84	7.84	7.97	3.8	3.04	90.0
1915	11/3/2009 8:46	12.62	47.59	30.94	7.88	7.96	4.0	3.12	90.0
1916	11/3/2009 9:01	12.51	47.70	31.01	7.95	8.03	3.8	3.21	90.6
1917	11/3/2009 9:16	12.46	47.59	30.93	7.98	8.03	4.6	3.30	90.8
1918	11/3/2009 9:31	12.32	47.75	31.04	7.98	8.02	5.0	3.38	90.6
1919	11/3/2009 9:46	12.12	47.75	31.03	7.97	8.01	6.2	3.48	90.1
1920	11/3/2009 10:01	11.98	47.88	31.12	7.94	8.01	6.2	3.58	89.6
1921	11/3/2009 10:16	11.81	47.90	31.12	7.93	8.00	6.8	3.68	89.1
1922	11/3/2009 10:31	11.50	48.00	31.18	7.82	7.99	7.3	3.77	87.3
1923	11/3/2009 10:46	11.15	48.03	31.19	7.70	7.98	7.1	3.86	85.4
1924	11/3/2009 11:01	10.92	48.13	31.24	7.59	7.97	6.1	3.96	83.7
1925	11/3/2009 11:16	10.77	48.11	31.23	7.49	7.96	5.0	4.02	82.4
1926	11/3/2009 11:31	10.77	48.05	31.18	7.49	7.96	4.0	4.10	82.4
1927	11/3/2009 11:46	10.77	48.12	31.23	7.52	7.96	2.9	4.17	82.7
1928	11/3/2009 12:01	10.80	47.94	31.10	7.57	7.97	2.6	4.22	83.2
1929	11/3/2009 12:16	10.82	48.00	31.15	7.57	7.97	2.1	4.24	83.3
1930	11/3/2009 12:31	11.03	48.02	31.17	7.62	7.98	2.1	4.25	84.2
1931	11/3/2009 12:46	10.89	48.11	31.23	7.53	7.97	2.2	4.25	83.0
1932	11/3/2009 13:01	10.90	47.91	31.09	7.53	7.97	2.5	4.21	83.0
1933	11/3/2009 13:16	10.83	48.03	31.17	7.50	7.96	3.2	4.13	82.6
1934	11/3/2009 13:31	11.16	47.90	31.10	7.77	8.00	3.3	4.05	86.1
1935	11/3/2009 13:46	11.66	48.04	31.22	8.59	8.06	2.6	3.95	96.3
1936	11/3/2009 14:01	11.80	47.76	31.02	8.50	8.04	3.7	3.84	95.5
1937	11/3/2009 14:16	11.82	47.98	31.18	8.34	8.02	4.2	3.71	93.7
1938	11/3/2009 14:31	12.01	47.96	31.18	8.16	8.04	4.8	3.59	92.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1939	11/3/2009 14:46	12.10	47.79	31.06	8.27	8.04	4.2	3.46	93.4
1940	11/3/2009 15:01	12.27	47.90	31.15	8.30	8.04	4.6	3.34	94.1
1941	11/3/2009 15:16	12.59	47.70	31.01	8.46	8.07	6.3	3.20	96.6
1942	11/3/2009 15:31	12.83	47.76	31.07	8.68	8.09	5.3	3.06	99.6
1943	11/3/2009 15:46	13.10	47.60	30.96	8.99	8.13	4.1	2.92	103.7
1944	11/3/2009 16:01	13.18	47.59	30.96	9.06	8.07	4.8	2.78	104.7
1945	11/3/2009 16:16	13.04	47.73	31.05	9.10	8.13	5.0	2.63	104.9
1946	11/3/2009 16:31	13.21	47.32	30.76	9.20	8.06	6.7	2.47	106.3
1947	11/3/2009 16:46	13.34	47.54	30.92	9.07	8.07	6.2	2.33	105.1
1948	11/3/2009 17:01	13.35	47.63	30.99	9.29	8.15	5.6	2.19	107.7
1949	11/3/2009 17:16	13.45	47.68	31.03	9.20	8.16	4.8	2.03	106.9
1950	11/3/2009 17:31	13.48	47.50	30.90	9.20	8.16	4.3	1.88	106.9
1951	11/3/2009 17:46	13.60	47.55	30.94	9.13	8.15	4.6	1.73	106.4
1952	11/3/2009 18:01	13.71	47.58	30.96	9.11	8.16	4.9	1.59	106.5
1953	11/3/2009 18:16	13.77	47.55	30.94	9.10	8.16	5.6	1.48	106.4
1954	11/3/2009 18:31	13.81	47.41	30.85	9.08	8.16	8.2	1.37	106.2
1955	11/3/2009 18:46	13.86	47.37	30.82	9.09	8.16	4.8	1.30	106.4
1956	11/3/2009 19:01	13.89	47.43	30.87	9.08	8.17	5.0	1.26	106.3
1957	11/3/2009 19:16	13.81	47.35	30.80	9.08	8.16	5.2	1.29	106.2
1958	11/3/2009 19:31	13.89	47.46	30.89	9.11	8.17	4.0	1.35	106.8
1959	11/3/2009 19:46	13.95	47.43	30.86	9.14	8.15	4.0	1.42	107.2
1960	11/3/2009 20:01	14.05	47.36	30.82	9.11	8.18	3.8	1.50	107.0
1961	11/3/2009 20:16	14.05	47.25	30.74	9.10	8.10	3.9	1.58	106.9
1962	11/3/2009 20:31	14.02	47.40	30.85	9.07	8.17	3.8	1.67	106.6
1963	11/3/2009 20:46	13.81	46.96	30.52	8.73	8.12	4.9	1.75	102.0
1964	11/3/2009 21:01	13.81	47.04	30.58	8.71	8.05	4.6	1.83	101.7
1965	11/3/2009 21:16	13.83	47.15	30.66	8.79	8.13	4.4	1.92	102.8
1966	11/3/2009 21:31	13.79	47.37	30.82	8.83	8.14	4.6	2.02	103.2
1967	11/3/2009 21:46	13.74	47.26	30.74	8.86	8.14	4.0	2.12	103.4
1968	11/3/2009 22:01	13.72	47.35	30.80	8.87	8.14	3.9	2.21	103.6
1969	11/3/2009 22:16	13.66	47.31	30.77	8.84	8.13	4.2	2.33	103.1
1970	11/3/2009 22:31	13.61	47.42	30.85	8.71	8.12	4.5	2.44	101.4
1971	11/3/2009 22:46	13.60	47.49	30.90	8.59	8.11	4.6	2.54	100.1
1972	11/3/2009 23:01	13.63	47.45	30.87	8.53	8.10	5.1	2.66	99.4
1973	11/3/2009 23:16	13.53	47.57	30.95	8.51	8.10	6.0	2.75	99.1
1974	11/3/2009 23:31	13.39	47.53	30.92	8.47	8.09	5.6	2.85	98.3
1975	11/3/2009 23:46	13.29	47.31	30.76	8.41	8.02	5.8	2.94	97.3
1976	11/4/2009 0:01	13.19	47.60	30.96	8.38	8.08	6.3	3.03	96.8
1977	11/4/2009 0:16	12.88	47.50	30.88	8.30	8.06	7.0	3.12	95.2
1978	11/4/2009 0:31	12.62	47.69	31.01	8.25	7.99	6.8	3.20	94.2
1979	11/4/2009 0:46	12.39	47.76	31.05	8.16	8.04	6.4	3.28	92.8
1980	11/4/2009 1:01	12.18	47.77	31.05	8.12	8.03	6.3	3.35	92.0
1981	11/4/2009 1:16	12.05	47.72	31.01	8.08	8.02	6.0	3.42	91.2
1982	11/4/2009 1:31	12.03	47.75	31.03	8.05	8.02	4.9	3.49	90.8
1983	11/4/2009 1:46	11.93	47.93	31.15	8.04	8.02	4.3	3.54	90.6
1984	11/4/2009 2:01	11.93	47.70	30.99	8.03	8.02	3.2	3.58	90.4
1985	11/4/2009 2:16	11.84	47.81	31.06	7.96	8.02	2.9	3.61	89.5
1986	11/4/2009 2:31	12.08	47.86	31.11	7.96	8.02	2.6	3.60	90.0
1987	11/4/2009 2:46	11.85	47.77	31.04	7.95	8.01	3.0	3.59	89.3
1988	11/4/2009 3:01	11.82	47.95	31.16	7.94	8.01	3.1	3.55	89.3
1989	11/4/2009 3:16	11.94	47.81	31.07	7.96	8.02	3.7	3.50	89.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1990	11/4/2009 3:31	12.21	47.64	30.96	7.95	8.02	4.6	3.42	90.0
1991	11/4/2009 3:46	12.29	47.63	30.95	7.93	8.02	4.1	3.35	90.0
1992	11/4/2009 4:01	12.29	47.81	31.08	7.91	8.02	3.6	3.27	89.8
1993	11/4/2009 4:16	12.36	47.66	30.97	7.89	8.02	3.1	3.18	89.6
1994	11/4/2009 4:31	12.41	47.58	30.92	7.90	8.02	3.2	3.10	89.7
1995	11/4/2009 4:46	12.66	47.58	30.93	7.91	8.04	3.0	3.03	90.4
1996	11/4/2009 5:01	12.63	47.59	30.94	7.89	8.03	2.6	2.96	90.1
1997	11/4/2009 5:16	12.61	47.68	31.00	7.84	8.03	2.4	2.90	89.5
1998	11/4/2009 5:31	12.71	47.64	30.98	7.83	8.03	2.4	2.85	89.6
1999	11/4/2009 5:46	12.71	47.69	31.02	7.82	8.02	2.4	2.79	89.5
2000	11/4/2009 6:01	12.79	47.57	30.93	7.81	8.03	2.4	2.75	89.5
2001	11/4/2009 6:16	12.83	47.51	30.89	7.85	8.04	2.4	2.71	90.0
2002	11/4/2009 6:31	12.86	47.50	30.88	7.85	8.05	2.4	2.67	90.1
2003	11/4/2009 6:46	12.94	47.63	30.98	7.91	8.05	2.4	2.66	90.9
2004	11/4/2009 7:01	12.99	47.43	30.84	7.93	8.06	2.0	2.66	91.2
2005	11/4/2009 7:16	12.92	47.61	30.96	7.93	8.05	2.4	2.65	91.2
2006	11/4/2009 7:31	12.93	47.61	30.97	8.01	8.04	2.3	2.68	92.1
2007	11/4/2009 7:46	13.00	47.46	30.86	8.10	8.06	2.7	2.73	93.2
2008	11/4/2009 8:01	13.03	47.58	30.94	8.13	8.07	3.3	2.77	93.6
2009	11/4/2009 8:16	12.96	47.64	30.99	8.11	8.06	3.9	2.83	93.2
2010	11/4/2009 8:31	12.86	47.69	31.02	8.08	8.04	4.6	2.90	92.8
2011	11/4/2009 8:46	12.78	47.67	31.00	8.06	8.04	4.2	2.99	92.4
2012	11/4/2009 9:01	12.68	47.73	31.04	8.02	8.03	4.1	3.06	91.7
2013	11/4/2009 9:16	12.57	47.63	30.96	8.02	8.04	3.7	3.14	91.5
2014	11/4/2009 9:31	12.28	47.73	31.02	8.03	8.03	4.0	3.23	91.1
2015	11/4/2009 9:46	12.22	47.77	31.05	8.03	8.03	3.7	3.32	91.0
2016	11/4/2009 10:01	12.14	47.81	31.08	8.02	8.03	4.4	3.41	90.8
2017	11/4/2009 10:16	11.96	47.82	31.07	8.02	8.02	4.2	3.50	90.4
2018	11/4/2009 10:31	11.71	47.91	31.13	7.90	8.01	4.7	3.60	88.6
2019	11/4/2009 10:46	11.60	47.97	31.16	7.85	8.00	4.6	3.70	87.8
2020	11/4/2009 11:01	11.38	47.90	31.10	7.77	7.99	4.5	3.79	86.6
2021	11/4/2009 11:16	11.14	47.99	31.16	7.66	7.98	4.3	3.88	84.9
2022	11/4/2009 11:31	10.95	48.09	31.22	7.59	7.98	3.8	3.97	83.8
2023	11/4/2009 11:46	10.85	47.98	31.14	7.55	7.97	3.4	4.06	83.2
2024	11/4/2009 12:01	10.84	48.14	31.25	7.54	7.98	2.7	4.13	83.1
2025	11/4/2009 12:16	10.84	48.12	31.24	7.58	7.98	2.1	4.20	83.4
2026	11/4/2009 12:31	10.87	48.16	31.26	7.60	7.98	1.5	4.26	83.7
Mean		13.88	48.14	31.37	8.30	8.03	4.3	2.96	97.6
Minimum		10.77	46.85	30.45	7.09	7.87	0.8	1.26	82.2
Maximum		16.42	48.94	31.90	10.45	8.26	15.3	4.37	126.0

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

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	11/4/2009 12:01	10.73	50.82	33.18	8.17	7.79	1.4	4.09	90.9
1	11/4/2009 12:16	10.95	50.72	33.12	8.28	7.85	4.0	4.10	92.6
2	11/4/2009 12:31	10.81	50.79	33.17	8.14	7.87	1.7	4.08	90.7
3	11/4/2009 12:46	10.81	50.77	33.15	8.11	7.88	1.9	4.03	90.3
4	11/4/2009 13:01	10.82	50.80	33.17	8.17	7.89	2.3	3.97	91.1
5	11/4/2009 13:16	11.11	50.70	33.12	8.60	7.93	2.0	3.88	96.5
6	11/4/2009 13:31	11.53	50.74	33.17	9.32	8.00	2.6	3.78	105.4
7	11/4/2009 13:46	11.58	50.72	33.16	9.05	7.99	2.6	3.67	102.5
8	11/4/2009 14:01	11.64	50.66	33.12	8.75	7.95	4.2	3.55	99.2
9	11/4/2009 14:16	11.72	50.68	33.14	8.73	7.96	3.2	3.42	99.2
10	11/4/2009 14:31	11.73	50.67	33.13	8.70	7.99	3.2	3.30	98.9
11	11/4/2009 14:46	11.99	50.63	33.11	8.90	8.01	4.0	3.17	101.6
12	11/4/2009 15:01	12.09	50.57	33.08	8.89	7.98	4.1	3.03	101.7
13	11/4/2009 15:16	12.40	50.50	33.04	9.30	8.01	4.1	2.90	107.1
14	11/4/2009 15:31	12.60	50.44	33.00	9.35	8.02	4.2	2.75	108.2
15	11/4/2009 15:46	12.74	50.42	32.99	9.56	8.08	3.2	2.61	110.9
16	11/4/2009 16:01	12.62	50.44	33.01	9.38	8.07	5.4	2.45	108.6
17	11/4/2009 16:16	12.79	50.42	33.00	9.59	8.06	7.1	2.30	111.3
18	11/4/2009 16:31	12.88	50.36	32.96	9.69	8.14	7.6	2.16	112.7
19	11/4/2009 16:46	12.96	50.33	32.94	9.68	8.09	6.6	2.01	112.7
20	11/4/2009 17:01	13.01	50.27	32.89	9.59	8.15	6.7	1.86	111.8
21	11/4/2009 17:16	13.13	50.30	32.93	9.54	8.09	6.4	1.72	111.4
22	11/4/2009 17:31	13.17	50.27	32.90	9.43	8.09	5.7	1.57	110.3
23	11/4/2009 17:46	13.27	50.24	32.89	9.34	8.09	6.0	1.44	109.4
24	11/4/2009 18:01	13.40	50.23	32.88	9.37	8.10	6.6	1.31	110.0
25	11/4/2009 18:16	13.52	50.18	32.85	9.44	8.11	7.6	1.22	111.2
26	11/4/2009 18:31	13.53	50.17	32.85	9.41	8.11	8.2	1.14	110.8
27	11/4/2009 18:46	13.53	49.70	32.50	9.39	8.20	8.7	1.08	110.3
28	11/4/2009 19:01	13.50	50.16	32.83	9.35	8.11	13.4	1.10	110.0
29	11/4/2009 19:16	13.53	50.16	32.83	9.39	8.12	5.6	1.14	110.5
30	11/4/2009 19:31	13.63	50.12	32.81	9.43	8.12	4.0	1.20	111.2
31	11/4/2009 19:46	13.66	50.10	32.80	9.44	8.12	4.0	1.29	111.4
32	11/4/2009 20:01	13.66	50.10	32.80	9.44	8.12	3.6	1.38	111.4
33	11/4/2009 20:16	13.63	50.01	32.73	9.47	8.15	3.7	1.48	111.6
34	11/4/2009 20:31	13.47	49.97	32.69	9.23	8.08	4.5	1.57	108.4
35	11/4/2009 20:46	13.40	49.89	32.64	9.09	8.07	4.8	1.64	106.6
36	11/4/2009 21:01	13.41	50.03	32.74	9.29	8.09	3.9	1.74	109.1
37	11/4/2009 21:16	13.37	50.06	32.76	9.29	8.09	3.8	1.85	108.9
38	11/4/2009 21:31	13.35	50.07	32.76	9.27	8.09	4.0	1.92	108.7
39	11/4/2009 21:46	13.35	50.07	32.76	9.30	8.09	3.5	2.04	109.0
40	11/4/2009 22:01	13.30	50.14	32.81	9.30	8.09	3.6	2.15	108.9
41	11/4/2009 22:16	13.27	50.18	32.84	9.24	8.06	3.7	2.25	108.3
42	11/4/2009 22:31	13.27	46.98	30.52	9.29	8.33	4.6	2.36	107.2
43	11/4/2009 22:46	13.25	49.72	32.51	9.16	8.13	4.5	2.46	107.0
44	11/4/2009 23:01	13.15	50.24	32.88	9.13	8.12	4.8	2.56	106.7
45	11/4/2009 23:16	13.02	50.29	32.91	9.09	8.00	5.5	2.65	105.9
46	11/4/2009 23:31	12.92	49.85	32.59	9.07	8.07	5.4	2.75	105.3
47	11/4/2009 23:46	12.82	50.19	32.83	9.01	8.08	5.9	2.83	104.5
48	11/5/2009 0:01	12.56	50.42	32.98	8.92	8.04	6.8	2.91	103.0
49	11/5/2009 0:16	12.43	48.81	31.81	8.93	8.07	5.9	3.00	102.1
50	11/5/2009 0:31	12.15	50.53	33.05	8.78	8.03	5.2	3.07	100.6
51	11/5/2009 0:46	11.95	50.59	33.08	8.72	8.01	4.8	3.15	99.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
52	11/5/2009 1:01	11.86	49.12	32.01	8.74	8.27	4.4	3.22	98.9
53	11/5/2009 1:16	11.81	50.61	33.09	8.67	8.00	4.0	3.28	98.7
54	11/5/2009 1:31	11.73	50.65	33.12	8.63	8.00	3.9	3.33	98.0
55	11/5/2009 1:46	11.73	50.53	33.03	8.60	7.99	3.1	3.38	97.6
56	11/5/2009 2:01	11.63	50.65	33.11	8.50	8.04	2.5	3.41	96.4
57	11/5/2009 2:16	11.68	50.70	33.15	8.45	7.97	2.3	3.40	95.9
58	11/5/2009 2:31	11.83	50.61	33.09	8.45	8.05	2.4	3.39	96.2
59	11/5/2009 2:46	11.76	50.63	33.11	8.51	7.98	2.4	3.36	96.7
60	11/5/2009 3:01	12.24	50.47	33.01	8.44	7.99	3.8	3.29	96.8
61	11/5/2009 3:16	12.22	50.51	33.04	8.51	8.05	3.9	3.22	97.6
62	11/5/2009 3:31	12.03	50.58	33.08	8.49	7.98	3.9	3.15	97.0
63	11/5/2009 3:46	12.08	50.56	33.07	8.54	8.00	4.2	3.09	97.7
64	11/5/2009 4:01	12.20	50.53	33.05	8.55	8.00	4.6	3.00	98.1
65	11/5/2009 4:16	12.28	50.44	32.99	8.51	7.94	4.7	2.92	97.8
66	11/5/2009 4:31	12.39	50.46	33.01	8.52	8.06	4.4	2.86	98.0
67	11/5/2009 4:46	12.48	50.43	32.99	8.53	8.06	4.0	2.80	98.4
68	11/5/2009 5:01	12.50	50.44	33.00	8.50	8.01	3.9	2.74	98.1
69	11/5/2009 5:16	12.60	50.41	32.98	8.47	8.01	4.1	2.68	97.9
70	11/5/2009 5:31	12.60	50.41	32.98	8.43	8.01	4.3	2.63	97.4
71	11/5/2009 5:46	12.67	50.39	32.97	8.43	8.01	4.0	2.59	97.6
72	11/5/2009 6:01	12.70	50.38	32.97	8.38	8.01	3.8	2.57	97.1
73	11/5/2009 6:16	12.74	50.36	32.95	8.37	8.02	3.7	2.52	97.0
74	11/5/2009 6:31	12.79	50.25	32.88	8.42	8.11	3.5	2.52	97.6
75	11/5/2009 6:46	12.87	50.32	32.92	8.45	8.04	3.0	2.52	98.3
76	11/5/2009 7:01	12.87	50.31	32.92	8.50	8.04	3.8	2.53	98.8
77	11/5/2009 7:16	12.84	50.33	32.93	8.52	8.01	3.2	2.56	98.9
78	11/5/2009 7:31	12.80	50.34	32.94	8.54	8.03	3.1	2.59	99.1
79	11/5/2009 7:46	12.79	50.36	32.95	8.59	8.03	3.1	2.65	99.7
80	11/5/2009 8:01	12.76	50.37	32.96	8.61	8.01	3.4	2.69	99.8
81	11/5/2009 8:16	12.68	50.39	32.97	8.61	8.04	3.7	2.75	99.7
82	11/5/2009 8:31	12.60	50.41	32.98	8.62	8.04	3.4	2.82	99.7
83	11/5/2009 8:46	12.48	50.45	33.00	8.59	8.03	3.3	2.90	99.1
84	11/5/2009 9:01	12.38	50.47	33.01	8.56	8.02	4.2	2.96	98.5
85	11/5/2009 9:16	12.16	50.54	33.06	8.58	8.01	3.1	3.04	98.3
86	11/5/2009 9:31	12.10	50.41	32.96	8.59	8.05	3.8	3.14	98.2
87	11/5/2009 9:46	12.07	50.58	33.08	8.59	8.05	4.5	3.22	98.3
88	11/5/2009 10:01	11.94	50.60	33.09	8.56	8.02	3.5	3.30	97.7
89	11/5/2009 10:16	11.73	50.66	33.13	8.52	8.00	3.4	3.41	96.7
90	11/5/2009 10:31	11.62	50.69	33.14	8.47	7.97	4.0	3.50	96.1
91	11/5/2009 10:46	11.54	50.70	33.14	8.47	7.97	3.7	3.59	95.8
92	11/5/2009 11:01	11.42	50.74	33.17	8.46	7.96	3.1	3.67	95.5
93	11/5/2009 11:16	11.33	50.74	33.16	8.47	7.99	2.6	3.77	95.5
94	11/5/2009 11:31	11.34	50.65	33.10	8.51	7.99	2.3	3.84	95.9
95	11/5/2009 11:46	11.34	50.72	33.15	8.51	7.99	2.0	3.90	95.9
96	11/5/2009 12:01	11.33	50.73	33.15	8.52	7.97	1.7	3.97	96.0
97	11/5/2009 12:16	11.35	50.72	33.15	8.52	8.01	1.3	4.01	96.0
98	11/5/2009 12:31	11.37	50.70	33.14	8.56	8.02	1.0	4.05	96.6
99	11/5/2009 12:46	11.49	50.68	33.13	8.53	7.99	0.5	4.06	96.4
100	11/5/2009 13:01	11.56	50.69	33.14	8.46	8.03	1.0	4.06	95.8
101	11/5/2009 13:16	11.46	50.70	33.14	8.48	8.01	1.5	4.05	95.8
102	11/5/2009 13:31	11.41	50.70	33.13	8.43	8.01	1.2	4.00	95.1
103	11/5/2009 13:46	11.55	50.70	33.14	8.57	8.02	2.1	3.94	97.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
104	11/5/2009 14:01	11.82	50.69	33.15	8.86	8.02	2.1	3.85	100.9
105	11/5/2009 14:16	12.03	50.63	33.12	9.36	8.12	2.0	3.76	107.0
106	11/5/2009 14:31	12.11	50.66	33.14	9.28	8.06	2.4	3.65	106.3
107	11/5/2009 14:46	11.93	50.67	33.14	8.97	8.02	2.6	3.53	102.4
108	11/5/2009 15:01	11.93	50.66	33.13	8.88	8.01	2.5	3.40	101.4
109	11/5/2009 15:16	12.07	50.64	33.13	8.98	8.04	2.6	3.27	102.7
110	11/5/2009 15:31	12.25	50.57	33.08	9.07	8.04	3.4	3.14	104.2
111	11/5/2009 15:46	12.55	50.52	33.06	9.22	8.06	2.9	3.02	106.6
112	11/5/2009 16:01	12.48	50.54	33.07	8.86	8.03	4.3	2.88	102.2
113	11/5/2009 16:16	12.74	50.49	33.05	8.96	8.06	5.2	2.73	103.9
114	11/5/2009 16:31	12.77	50.49	33.05	8.84	8.04	6.1	2.60	102.6
115	11/5/2009 16:46	12.80	50.47	33.03	8.86	8.10	5.7	2.45	102.9
116	11/5/2009 17:01	12.80	50.46	33.03	8.75	8.03	7.7	2.30	101.6
117	11/5/2009 17:16	12.88	50.44	33.01	8.71	8.03	8.1	2.16	101.3
118	11/5/2009 17:31	12.95	50.42	33.01	8.59	8.08	10.5	2.01	100.1
119	11/5/2009 17:46	13.05	50.40	32.99	8.54	8.03	10.9	1.88	99.7
120	11/5/2009 18:01	13.14	50.38	32.98	8.48	8.03	11.8	1.73	99.1
121	11/5/2009 18:16	13.20	50.36	32.97	8.45	8.03	14.6	1.56	98.9
122	11/5/2009 18:31	13.29	50.32	32.94	8.41	7.97	14.5	1.46	98.6
123	11/5/2009 18:46	13.36	50.31	32.94	8.39	8.07	20.7	1.35	98.5
124	11/5/2009 19:01	13.47	50.29	32.93	8.37	7.91	18.4	1.23	98.4
125	11/5/2009 19:16	13.52	50.27	32.92	8.33	8.03	22.3	1.16	98.1
126	11/5/2009 19:31	13.61	50.23	32.89	8.29	8.03	17.2	1.11	97.8
127	11/5/2009 19:46	13.62	50.22	32.88	8.29	8.03	20.9	1.13	97.8
128	11/5/2009 20:01	13.67	50.20	32.87	8.32	8.07	10.2	1.15	98.3
129	11/5/2009 20:16	13.62	46.12	29.91	8.50	8.28	9.2	1.24	98.5
130	11/5/2009 20:31	13.65	50.19	32.86	8.35	7.91	9.6	1.30	98.5
131	11/5/2009 20:46	13.62	50.20	32.86	8.36	8.03	8.2	1.40	98.7
132	11/5/2009 21:01	13.59	50.15	32.83	8.38	8.02	8.2	1.48	98.8
133	11/5/2009 21:16	13.61	49.84	32.61	8.49	8.09	7.0	1.56	99.9
134	11/5/2009 21:31	13.57	50.03	32.74	8.53	7.89	7.1	1.66	100.4
135	11/5/2009 21:46	13.53	50.07	32.77	8.52	8.03	6.2	1.74	100.2
136	11/5/2009 22:01	13.49	50.10	32.79	8.52	8.01	5.8	1.82	100.2
137	11/5/2009 22:16	13.47	48.05	31.30	8.57	8.28	5.6	1.93	99.8
138	11/5/2009 22:31	13.44	50.14	32.82	8.50	8.04	5.7	2.01	99.9
139	11/5/2009 22:46	13.37	50.14	32.82	8.51	8.04	5.0	2.12	99.9
140	11/5/2009 23:01	13.33	50.19	32.85	8.53	8.08	6.6	2.24	100.0
141	11/5/2009 23:16	13.34	50.22	32.87	8.48	8.00	6.8	2.32	99.5
142	11/5/2009 23:31	13.41	50.24	32.89	8.41	8.00	7.3	2.43	98.8
143	11/5/2009 23:46	13.41	50.26	32.91	8.40	8.00	8.5	2.56	98.7
144	11/6/2009 0:01	13.36	50.27	32.91	8.40	8.00	8.4	2.64	98.7
145	11/6/2009 0:16	13.24	50.31	32.93	8.46	8.00	8.5	2.73	99.1
146	11/6/2009 0:31	13.11	50.24	32.88	8.51	8.03	9.2	2.83	99.3
147	11/6/2009 0:46	12.96	50.30	32.92	8.56	8.03	9.9	2.92	99.7
148	11/6/2009 1:01	12.72	50.34	32.94	8.63	8.03	8.8	3.01	100.0
149	11/6/2009 1:16	12.48	50.42	32.98	8.65	8.02	8.2	3.07	99.8
150	11/6/2009 1:31	12.39	50.42	32.98	8.63	8.02	7.7	3.15	99.3
151	11/6/2009 1:46	12.30	50.43	32.99	8.63	8.02	7.0	3.23	99.2
152	11/6/2009 2:01	12.18	50.47	33.01	8.64	8.02	6.5	3.29	99.0
153	11/6/2009 2:16	12.08	50.37	32.93	8.63	8.27	4.9	3.33	98.7
154	11/6/2009 2:31	12.11	50.31	32.89	8.59	8.05	4.3	3.38	98.2
155	11/6/2009 2:46	12.10	50.49	33.02	8.52	7.98	3.4	3.43	97.5

sonde #4		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
156	11/6/2009 3:01	12.26	50.45	32.99	8.46	8.01	3.1	3.42	97.1
157	11/6/2009 3:16	12.16	50.40	32.95	8.46	8.01	2.8	3.41	96.9
158	11/6/2009 3:31	12.15	50.25	32.84	8.51	8.27	3.6	3.39	97.4
159	11/6/2009 3:46	12.09	50.50	33.02	8.51	8.01	3.9	3.34	97.3
160	11/6/2009 4:01	12.41	50.39	32.96	8.38	8.00	5.1	3.28	96.5
161	11/6/2009 4:16	12.47	50.37	32.95	8.37	7.98	4.4	3.21	96.5
162	11/6/2009 4:31	12.50	50.37	32.95	8.34	7.98	5.0	3.13	96.2
163	11/6/2009 4:46	12.60	50.31	32.91	8.28	8.01	5.1	3.07	95.7
164	11/6/2009 5:01	12.67	50.26	32.88	8.26	8.05	4.3	3.00	95.6
165	11/6/2009 5:16	12.80	50.21	32.85	8.15	7.98	4.6	2.94	94.5
166	11/6/2009 5:31	12.87	50.21	32.85	8.13	8.00	4.0	2.88	94.5
167	11/6/2009 5:46	12.92	50.15	32.81	8.09	8.04	4.0	2.82	94.1
168	11/6/2009 6:01	13.05	50.19	32.84	8.11	8.05	4.3	2.75	94.6
169	11/6/2009 6:16	13.08	47.83	31.13	8.15	8.25	4.0	2.72	94.1
170	11/6/2009 6:31	13.07	50.00	32.71	8.00	7.93	4.1	2.68	93.2
171	11/6/2009 6:46	13.08	50.17	32.83	7.99	7.98	4.2	2.64	93.2
172	11/6/2009 7:01	13.07	50.14	32.80	7.89	7.98	3.8	2.62	91.9
173	11/6/2009 7:16	13.05	50.10	32.78	7.83	7.96	3.1	2.62	91.2
174	11/6/2009 7:31	13.00	50.09	32.76	7.73	7.95	2.9	2.60	90.0
175	11/6/2009 7:46	12.96	50.06	32.74	7.83	8.02	4.0	2.59	91.1
176	11/6/2009 8:01	13.06	50.13	32.80	7.95	7.97	3.5	2.62	92.7
177	11/6/2009 8:16	13.01	50.12	32.79	7.96	7.97	3.3	2.63	92.7
178	11/6/2009 8:31	13.07	50.15	32.81	8.05	7.99	3.6	2.69	93.9
179	11/6/2009 8:46	13.03	50.14	32.80	8.07	7.96	3.8	2.73	94.1
180	11/6/2009 9:01	13.01	50.05	32.73	8.11	7.96	4.0	2.78	94.4
181	11/6/2009 9:16	12.99	50.01	32.70	8.15	8.01	4.3	2.85	94.9
182	11/6/2009 9:31	12.88	50.14	32.80	8.23	8.00	4.5	2.93	95.5
183	11/6/2009 9:46	12.73	50.13	32.79	8.25	8.03	4.2	2.99	95.5
184	11/6/2009 10:01	12.63	50.25	32.86	8.35	8.01	3.8	3.07	96.5
185	11/6/2009 10:16	12.48	50.28	32.88	8.43	8.04	3.9	3.15	97.2
186	11/6/2009 10:31	12.38	50.38	32.95	8.48	8.01	3.8	3.21	97.6
187	11/6/2009 10:46	12.35	50.39	32.96	8.50	8.01	3.2	3.30	97.8
188	11/6/2009 11:01	12.34	50.41	32.97	8.52	8.01	3.4	3.38	98.0
189	11/6/2009 11:16	12.26	50.44	32.99	8.53	8.01	3.6	3.45	98.0
190	11/6/2009 11:31	12.05	50.48	33.01	8.60	7.99	3.7	3.53	98.3
191	11/6/2009 11:46	11.99	50.50	33.02	8.61	8.00	3.4	3.59	98.3
192	11/6/2009 12:01	11.80	50.53	33.03	8.67	7.99	3.2	3.68	98.6
193	11/6/2009 12:16	11.68	50.55	33.04	8.68	7.99	3.5	3.73	98.5
194	11/6/2009 12:31	11.60	50.56	33.05	8.71	8.00	2.9	3.80	98.6
195	11/6/2009 12:46	11.58	50.58	33.06	8.71	8.02	2.7	3.85	98.6
196	11/6/2009 13:01	11.56	50.57	33.05	8.76	8.02	1.8	3.91	99.1
197	11/6/2009 13:16	11.57	50.56	33.04	8.70	7.97	1.8	3.95	98.4
198	11/6/2009 13:31	11.54	50.56	33.04	8.69	8.02	1.5	3.96	98.3
199	11/6/2009 13:46	11.77	50.48	32.99	8.70	8.05	1.6	3.98	98.8
200	11/6/2009 14:01	11.66	50.53	33.02	8.58	8.00	1.2	3.96	97.3
201	11/6/2009 14:16	11.62	50.54	33.03	8.60	8.00	2.6	3.90	97.4
202	11/6/2009 14:31	11.56	50.54	33.03	8.59	8.01	1.7	3.92	97.2
203	11/6/2009 14:46	11.62	50.03	32.66	8.69	8.01	1.9	3.84	98.3
204	11/6/2009 15:01	12.01	50.47	33.00	9.21	8.10	2.1	3.74	105.2
205	11/6/2009 15:16	12.17	50.45	32.99	9.42	8.08	2.4	3.72	107.9
206	11/6/2009 15:31	12.31	50.44	32.99	9.61	8.06	3.3	3.62	110.4
207	11/6/2009 15:46	12.33	50.38	32.95	9.55	8.06	2.7	3.50	109.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
208	11/6/2009 16:01	12.52	50.42	32.99	9.13	8.07	4.4	3.36	105.3
209	11/6/2009 16:16	12.56	50.33	32.92	9.00	8.06	4.6	3.23	103.9
210	11/6/2009 16:31	12.70	50.30	32.91	9.07	8.06	4.4	3.14	105.0
211	11/6/2009 16:46	12.90	50.25	32.87	9.03	8.03	5.1	2.98	104.9
212	11/6/2009 17:01	13.01	50.29	32.91	8.99	8.03	5.7	2.87	104.7
213	11/6/2009 17:16	13.09	50.27	32.90	8.94	8.03	5.0	2.75	104.4
214	11/6/2009 17:31	13.10	50.27	32.90	8.89	8.03	5.6	2.60	103.8
215	11/6/2009 17:46	13.01	50.29	32.91	8.88	8.03	4.4	2.46	103.5
216	11/6/2009 18:01	13.09	50.19	32.84	8.82	7.98	6.0	2.34	102.9
217	11/6/2009 18:16	13.11	49.78	32.54	8.77	8.09	6.5	2.18	102.2
218	11/6/2009 18:31	13.14	50.23	32.87	8.66	8.02	6.5	2.05	101.2
219	11/6/2009 18:46	13.15	50.21	32.86	8.60	8.04	6.7	1.95	100.4
220	11/6/2009 19:01	13.28	50.09	32.77	8.58	8.02	6.1	1.78	100.4
221	11/6/2009 19:16	13.32	50.18	32.84	8.50	7.89	6.5	1.68	99.6
222	11/6/2009 19:31	13.43	50.15	32.82	8.51	8.02	5.9	1.55	100.0
223	11/6/2009 19:46	13.50	50.11	32.80	8.53	8.02	5.5	1.45	100.4
224	11/6/2009 20:01	13.54	50.08	32.78	8.52	8.08	5.5	1.37	100.3
225	11/6/2009 20:16	13.63	50.03	32.75	8.57	8.04	5.4	1.28	101.1
226	11/6/2009 20:31	13.74	49.95	32.69	8.55	8.03	4.9	1.28	101.0
227	11/6/2009 20:46	13.81	49.88	32.64	8.59	7.99	4.9	1.30	101.6
228	11/6/2009 21:01	13.75	49.94	32.68	8.57	8.03	4.6	1.27	101.2
229	11/6/2009 21:16	13.80	49.92	32.67	8.67	8.05	3.6	1.39	102.5
230	11/6/2009 21:31	13.78	49.94	32.68	8.69	7.91	3.6	1.50	102.8
231	11/6/2009 21:46	13.77	49.92	32.67	8.75	8.10	4.2	1.52	103.4
232	11/6/2009 22:01	13.79	49.70	32.51	8.65	8.02	4.8	1.59	102.2
233	11/6/2009 22:16	13.79	49.56	32.41	8.59	8.08	5.5	1.69	101.4
234	11/6/2009 22:31	13.77	49.59	32.43	8.59	8.01	4.4	1.80	101.4
235	11/6/2009 22:46	13.75	49.61	32.44	8.63	8.08	4.3	1.89	101.8
236	11/6/2009 23:01	13.66	49.79	32.57	8.64	8.01	4.0	1.99	101.8
237	11/6/2009 23:16	13.62	49.75	32.54	8.63	8.08	3.7	2.03	101.6
238	11/6/2009 23:31	13.59	49.79	32.57	8.69	8.08	3.7	2.12	102.3
239	11/6/2009 23:46	13.54	49.80	32.58	8.68	7.89	3.5	2.25	102.0
240	11/7/2009 0:01	13.47	49.96	32.69	8.63	8.04	3.7	2.33	101.3
241	11/7/2009 0:16	13.46	50.00	32.72	8.60	8.04	3.8	2.46	101.1
242	11/7/2009 0:31	13.45	49.99	32.71	8.56	8.04	4.4	2.56	100.6
243	11/7/2009 0:46	13.38	50.03	32.74	8.57	8.03	5.1	2.60	100.6
244	11/7/2009 1:01	13.29	50.11	32.79	8.62	8.03	4.9	2.70	100.9
245	11/7/2009 1:16	13.22	50.14	32.81	8.63	8.03	5.1	2.76	101.0
246	11/7/2009 1:31	13.17	50.14	32.81	8.65	8.03	5.2	2.88	101.0
247	11/7/2009 1:46	13.03	50.18	32.83	8.67	8.03	6.9	2.96	101.0
248	11/7/2009 2:01	12.84	50.26	32.88	8.73	8.03	6.9	2.97	101.4
249	11/7/2009 2:16	12.63	50.30	32.91	8.76	8.06	6.8	3.11	101.3
250	11/7/2009 2:31	12.37	50.35	32.93	8.83	8.02	6.5	3.13	101.6
251	11/7/2009 2:46	12.13	50.42	32.97	8.88	8.00	6.2	3.21	101.7
252	11/7/2009 3:01	11.98	50.42	32.96	8.93	8.02	5.7	3.28	101.8
253	11/7/2009 3:16	11.99	50.47	33.00	8.93	8.01	6.2	3.32	101.9
254	11/7/2009 3:31	11.93	50.46	32.99	8.96	8.00	4.6	3.39	102.1
255	11/7/2009 3:46	11.92	50.49	33.01	8.92	8.02	5.0	3.39	101.7
256	11/7/2009 4:01	12.10	50.38	32.94	8.75	8.01	3.4	3.40	100.1
257	11/7/2009 4:16	11.98	49.92	32.60	8.86	8.02	3.4	3.35	100.9
258	11/7/2009 4:31	11.93	50.48	33.00	8.88	8.01	3.5	3.36	101.2
259	11/7/2009 4:46	11.97	50.47	33.00	8.82	8.01	3.8	3.28	100.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
260	11/7/2009 5:01	12.17	50.35	32.92	8.64	8.04	3.5	3.22	98.9
261	11/7/2009 5:16	12.26	50.29	32.88	8.55	8.04	3.3	3.22	98.1
262	11/7/2009 5:31	12.28	50.33	32.91	8.52	8.01	3.3	3.16	97.8
263	11/7/2009 5:46	12.39	50.25	32.86	8.37	8.03	3.0	3.09	96.3
264	11/7/2009 6:01	12.43	50.21	32.83	8.20	8.00	2.8	3.04	94.4
265	11/7/2009 6:16	12.48	50.22	32.84	8.23	7.99	3.0	2.94	94.8
266	11/7/2009 6:31	12.57	50.18	32.82	8.16	7.99	3.1	2.96	94.2
267	11/7/2009 6:46	12.65	49.74	32.50	8.15	7.99	2.9	2.90	94.0
268	11/7/2009 7:01	12.71	50.08	32.74	8.06	8.00	2.6	2.81	93.2
269	11/7/2009 7:16	12.73	50.06	32.73	8.03	8.23	2.6	2.81	93.0
270	11/7/2009 7:31	12.81	50.04	32.72	7.98	8.00	2.6	2.80	92.5
271	11/7/2009 7:46	12.85	50.02	32.71	8.03	8.00	2.6	2.80	93.2
272	11/7/2009 8:01	12.90	50.01	32.70	8.05	8.03	2.5	2.72	93.5
273	11/7/2009 8:16	12.89	50.07	32.75	7.99	7.99	2.1	2.70	92.8
274	11/7/2009 8:31	12.93	50.06	32.74	8.05	8.00	2.4	2.77	93.6
275	11/7/2009 8:46	12.88	50.06	32.74	8.06	8.00	2.1	2.72	93.6
276	11/7/2009 9:01	12.91	50.10	32.77	8.20	8.00	2.8	2.71	95.3
277	11/7/2009 9:16	12.93	50.09	32.77	8.21	8.01	2.6	2.80	95.5
278	11/7/2009 9:31	12.93	50.11	32.78	8.26	8.01	2.4	2.77	96.0
279	11/7/2009 9:46	12.94	50.12	32.79	8.34	8.01	2.6	2.85	97.0
280	11/7/2009 10:01	12.86	50.06	32.74	8.33	8.01	2.8	2.88	96.7
281	11/7/2009 10:16	12.80	50.18	32.82	8.37	8.01	3.2	2.98	97.1
282	11/7/2009 10:31	12.80	50.18	32.83	8.47	8.02	4.0	3.00	98.3
283	11/7/2009 10:46	12.70	50.23	32.86	8.49	8.01	3.2	3.08	98.3
284	11/7/2009 11:01	12.58	50.26	32.87	8.54	8.00	2.9	3.12	98.6
285	11/7/2009 11:16	12.35	50.35	32.93	8.67	7.80	3.6	3.23	99.7
286	11/7/2009 11:31	12.28	50.40	32.96	8.83	8.00	3.4	3.27	101.4
287	11/7/2009 11:46	12.10	50.47	33.00	8.99	8.00	3.3	3.33	102.8
288	11/7/2009 12:01	12.04	50.49	33.01	9.02	8.00	3.2	3.43	103.1
289	11/7/2009 12:16	11.96	50.52	33.03	9.11	8.01	3.0	3.53	104.0
290	11/7/2009 12:31	11.81	50.56	33.06	9.17	8.00	3.5	3.55	104.3
291	11/7/2009 12:46	11.66	50.61	33.08	9.21	8.00	3.2	3.62	104.5
292	11/7/2009 13:01	11.59	50.63	33.10	9.26	8.00	2.8	3.67	104.9
293	11/7/2009 13:16	11.53	50.65	33.10	9.27	8.00	3.1	3.72	104.8
294	11/7/2009 13:31	11.44	50.68	33.12	9.26	7.78	2.7	3.78	104.6
295	11/7/2009 13:46	11.46	50.67	33.12	9.27	7.98	2.8	3.78	104.7
296	11/7/2009 14:01	11.40	50.71	33.14	9.29	7.78	2.6	3.81	104.8
297	11/7/2009 14:16	11.36	50.73	33.15	9.26	8.25	2.6	3.88	104.4
298	11/7/2009 14:31	11.51	50.72	33.16	9.26	8.01	2.1	3.84	104.8
299	11/7/2009 14:46	11.41	50.71	33.14	9.21	8.24	2.1	3.83	103.9
300	11/7/2009 15:01	11.38	50.72	33.15	9.21	8.24	2.0	3.80	103.8
301	11/7/2009 15:16	11.40	50.69	33.13	9.18	7.99	2.1	3.76	103.5
302	11/7/2009 15:31	11.71	50.65	33.11	9.33	8.07	2.1	3.67	106.0
303	11/7/2009 15:46	12.32	50.43	32.98	10.13	8.13	2.2	3.63	116.5
304	11/7/2009 16:01	12.28	50.49	33.02	9.79	8.08	2.6	3.57	112.5
305	11/7/2009 16:16	12.31	50.47	33.01	9.72	8.08	2.6	3.48	111.7
306	11/7/2009 16:31	12.33	50.45	33.00	9.52	8.06	3.8	3.38	109.4
307	11/7/2009 16:46	12.57	50.30	32.90	9.61	8.08	3.3	3.29	111.0
308	11/7/2009 17:01	12.62	50.34	32.93	9.54	8.10	2.9	3.17	110.3
309	11/7/2009 17:16	12.82	50.31	32.92	9.46	8.08	3.4	3.02	109.8
310	11/7/2009 17:31	13.00	50.23	32.87	9.39	8.08	3.9	2.97	109.3
311	11/7/2009 17:46	13.19	49.88	32.62	9.40	8.09	3.7	2.83	109.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
312	11/7/2009 18:01	13.29	50.12	32.80	9.39	8.09	4.6	2.69	110.0
313	11/7/2009 18:16	13.25	49.60	32.42	9.23	8.08	4.4	2.64	107.8
314	11/7/2009 18:31	13.22	50.13	32.80	9.81	8.11	4.2	2.48	114.7
315	11/7/2009 18:46	13.09	50.15	32.81	9.29	8.08	5.6	2.35	108.4
316	11/7/2009 19:01	13.06	50.14	32.81	9.18	8.07	4.6	2.26	107.1
317	11/7/2009 19:16	13.11	50.13	32.80	8.98	8.05	5.6	2.11	104.8
318	11/7/2009 19:31	13.08	50.00	32.70	8.92	8.06	4.9	1.98	103.9
319	11/7/2009 19:46	13.09	50.11	32.78	8.85	8.05	4.1	1.88	103.3
320	11/7/2009 20:01	13.19	50.10	32.78	8.80	8.05	4.0	1.76	102.8
321	11/7/2009 20:16	13.28	49.99	32.70	8.77	8.06	4.8	1.64	102.6
322	11/7/2009 20:31	13.29	49.49	32.34	8.82	8.06	4.0	1.51	103.0
323	11/7/2009 20:46	13.38	49.96	32.68	8.83	8.06	3.8	1.44	103.5
324	11/7/2009 21:01	13.42	49.90	32.64	8.83	8.09	4.2	1.37	103.6
325	11/7/2009 21:16	13.47	49.89	32.63	8.85	8.07	3.8	1.34	104.0
326	11/7/2009 21:31	13.48	49.89	32.64	8.93	8.07	3.8	1.37	104.9
327	11/7/2009 21:46	13.42	49.40	32.28	8.89	8.07	3.6	1.41	104.0
328	11/7/2009 22:01	13.48	49.88	32.63	8.99	8.08	2.9	1.37	105.5
329	11/7/2009 22:16	13.50	49.84	32.60	9.02	8.08	3.1	1.49	105.9
330	11/7/2009 22:31	13.49	49.90	32.64	9.05	8.08	2.9	1.52	106.3
331	11/7/2009 22:46	13.47	49.90	32.65	9.10	8.09	3.0	1.56	106.9
332	11/7/2009 23:01	13.44	49.83	32.59	9.09	8.08	2.8	1.68	106.7
333	11/7/2009 23:16	13.37	49.59	32.41	8.93	8.05	3.4	1.76	104.5
334	11/7/2009 23:31	13.35	49.52	32.36	8.87	8.05	3.4	1.83	103.7
335	11/7/2009 23:46	13.39	49.60	32.42	8.93	8.05	3.1	1.90	104.5
336	11/8/2009 0:01	13.39	49.78	32.56	9.00	8.06	3.1	2.00	105.5
337	11/8/2009 0:16	13.36	49.84	32.59	8.97	8.06	3.1	2.07	105.1
338	11/8/2009 0:31	13.36	49.86	32.61	8.98	8.06	2.9	2.19	105.2
339	11/8/2009 0:46	13.31	49.94	32.67	8.98	8.06	2.7	2.30	105.1
340	11/8/2009 1:01	13.27	49.99	32.70	8.93	8.05	3.1	2.38	104.5
341	11/8/2009 1:16	13.26	50.02	32.72	8.89	8.03	3.1	2.46	104.0
342	11/8/2009 1:31	13.27	50.03	32.73	8.83	8.04	3.2	2.55	103.4
343	11/8/2009 1:46	13.22	50.09	32.77	8.87	8.04	3.2	2.64	103.7
344	11/8/2009 2:01	13.13	50.12	32.79	8.90	8.05	3.8	2.73	103.9
345	11/8/2009 2:16	13.05	50.16	32.82	8.91	8.04	3.8	2.81	103.9
346	11/8/2009 2:31	12.98	50.18	32.83	8.92	8.04	3.8	2.90	103.8
347	11/8/2009 2:46	12.81	50.21	32.85	8.97	8.03	4.5	2.96	104.0
348	11/8/2009 3:01	12.56	50.28	32.89	9.06	8.02	5.0	3.06	104.6
349	11/8/2009 3:16	12.32	50.35	32.93	9.11	8.01	5.6	3.11	104.6
350	11/8/2009 3:31	12.09	50.41	32.96	9.13	8.01	5.4	3.15	104.4
351	11/8/2009 3:46	11.90	50.42	32.96	9.23	8.01	6.0	3.23	105.2
352	11/8/2009 4:01	11.72	50.55	33.04	9.39	8.00	5.7	3.27	106.6
353	11/8/2009 4:16	11.66	50.57	33.06	9.42	7.80	4.9	3.32	106.8
354	11/8/2009 4:31	11.63	50.57	33.06	9.40	8.09	4.3	3.33	106.6
355	11/8/2009 4:46	11.68	50.53	33.02	9.32	8.01	2.9	3.37	105.7
356	11/8/2009 5:01	11.75	50.52	33.02	9.21	8.01	2.6	3.36	104.7
357	11/8/2009 5:16	11.67	50.56	33.05	9.27	8.01	3.4	3.32	105.1
358	11/8/2009 5:31	11.62	50.58	33.06	9.34	8.26	3.4	3.31	105.9
359	11/8/2009 5:46	11.73	50.53	33.03	9.21	7.80	3.4	3.28	104.6
360	11/8/2009 6:01	11.92	50.42	32.96	8.96	7.99	3.3	3.24	102.2
361	11/8/2009 6:16	11.98	50.33	32.90	8.69	7.80	3.4	3.20	99.1
362	11/8/2009 6:31	12.04	50.32	32.89	8.65	7.98	2.9	3.15	98.7
363	11/8/2009 6:46	12.04	50.28	32.86	8.41	7.79	2.6	3.06	96.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
364	11/8/2009 7:01	12.07	50.28	32.86	8.37	7.97	2.4	3.01	95.6
365	11/8/2009 7:16	12.14	50.27	32.86	8.40	7.99	2.5	2.96	96.1
366	11/8/2009 7:31	12.18	49.71	32.46	8.35	7.95	2.0	2.86	95.4
367	11/8/2009 7:46	12.26	50.19	32.80	8.28	7.97	2.0	2.84	94.9
368	11/8/2009 8:01	12.29	50.16	32.79	8.24	8.23	1.8	2.83	94.5
369	11/8/2009 8:16	12.40	50.08	32.74	8.30	7.98	2.0	2.77	95.4
370	11/8/2009 8:31	12.46	50.11	32.76	8.34	8.00	2.1	2.74	96.0
371	11/8/2009 8:46	12.40	50.16	32.79	8.36	8.01	1.8	2.68	96.1
372	11/8/2009 9:01	12.47	50.14	32.78	8.44	7.99	1.6	2.66	97.2
373	11/8/2009 9:16	12.52	50.13	32.78	8.49	8.02	1.6	2.64	97.9
374	11/8/2009 9:31	12.62	49.99	32.68	8.57	8.03	1.8	2.64	98.9
375	11/8/2009 9:46	12.67	50.11	32.77	8.55	8.06	1.6	2.61	98.9
376	11/8/2009 10:01	12.72	50.11	32.77	8.54	8.04	1.5	2.59	98.8
377	11/8/2009 10:16	12.73	50.11	32.77	8.68	8.03	1.7	2.64	100.5
378	11/8/2009 10:31	12.71	50.12	32.77	8.60	8.03	1.6	2.67	99.5
379	11/8/2009 10:46	12.75	50.12	32.78	8.62	8.03	1.8	2.68	99.8
380	11/8/2009 11:01	12.75	50.14	32.79	8.61	8.07	2.0	2.70	99.7
381	11/8/2009 11:16	12.71	50.15	32.80	8.63	8.01	2.2	2.79	99.8
382	11/8/2009 11:31	12.78	50.15	32.80	8.66	8.01	2.4	2.81	100.4
383	11/8/2009 11:46	12.60	50.20	32.83	8.75	8.01	2.4	2.88	101.0
384	11/8/2009 12:01	12.57	50.23	32.85	8.78	8.09	2.3	2.95	101.4
385	11/8/2009 12:16	12.37	50.27	32.87	8.85	8.05	2.6	3.02	101.7
386	11/8/2009 12:31	12.17	50.36	32.93	8.99	8.02	2.7	3.08	103.0
387	11/8/2009 12:46	12.04	50.35	32.91	9.20	8.02	2.6	3.13	105.1
388	11/8/2009 13:01	11.98	50.47	32.99	9.31	8.01	2.7	3.20	106.2
389	11/8/2009 13:16	11.92	50.50	33.01	9.38	8.02	2.8	3.23	106.9
390	11/8/2009 13:31	11.90	50.51	33.02	9.44	8.03	2.9	3.35	107.5
391	11/8/2009 13:46	11.85	50.54	33.04	9.52	7.82	2.8	3.39	108.4
392	11/8/2009 14:01	11.78	50.57	33.06	9.62	8.03	2.6	3.45	109.4
393	11/8/2009 14:16	11.73	50.58	33.06	9.69	8.03	2.6	3.50	110.0
394	11/8/2009 14:31	11.69	50.57	33.05	9.75	8.04	2.9	3.54	110.6
395	11/8/2009 14:46	11.67	50.60	33.08	9.77	7.83	2.9	3.58	110.8
396	11/8/2009 15:01	11.65	50.60	33.08	9.80	8.04	2.8	3.62	111.1
397	11/8/2009 15:16	11.64	50.61	33.08	9.78	8.29	2.3	3.62	110.9
398	11/8/2009 15:31	11.78	50.59	33.08	9.70	8.29	2.2	3.63	110.3
399	11/8/2009 15:46	11.66	50.61	33.08	9.68	8.04	1.8	3.63	109.8
400	11/8/2009 16:01	11.65	50.61	33.08	9.69	8.11	2.0	3.59	109.9
401	11/8/2009 16:16	11.64	50.61	33.08	9.70	8.28	2.3	3.55	110.0
402	11/8/2009 16:31	11.68	50.60	33.07	9.71	8.28	2.3	3.50	110.2
403	11/8/2009 16:46	11.90	50.55	33.05	9.87	8.13	2.8	3.45	112.5
404	11/8/2009 17:01	12.20	50.05	32.70	10.00	8.08	3.1	3.36	114.5
405	11/8/2009 17:16	12.21	50.42	32.97	9.97	8.09	2.3	3.30	114.3
406	11/8/2009 17:31	12.25	50.12	32.76	9.93	8.07	2.5	3.19	113.8
407	11/8/2009 17:46	12.33	50.41	32.97	9.77	7.88	2.8	3.12	112.3
408	11/8/2009 18:01	12.47	49.76	32.50	9.84	8.08	2.7	3.03	113.1
409	11/8/2009 18:16	12.63	49.76	32.51	9.78	8.10	2.6	2.94	112.8
410	11/8/2009 18:31	12.86	50.25	32.87	10.09	8.35	2.0	2.85	117.2
411	11/8/2009 18:46	12.89	50.21	32.85	10.06	8.11	2.3	2.73	116.9
412	11/8/2009 19:01	12.97	50.21	32.85	10.12	8.15	2.3	2.63	117.8
413	11/8/2009 19:16	12.99	50.19	32.84	10.05	8.11	2.2	2.53	117.0
414	11/8/2009 19:31	12.90	50.20	32.84	9.79	8.10	3.0	2.44	113.7
415	11/8/2009 19:46	12.78	50.23	32.86	9.51	8.09	3.5	2.33	110.3

sonde #4		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
416	11/8/2009 20:01	12.76	50.09	32.76	9.35	8.06	4.2	2.18	108.3
417	11/8/2009 20:16	12.67	50.23	32.86	9.21	8.05	3.8	2.07	106.5
418	11/8/2009 20:31	12.78	50.17	32.82	9.13	8.04	3.2	1.97	105.9
419	11/8/2009 20:46	12.74	50.18	32.82	9.06	8.04	3.1	1.85	105.0
420	11/8/2009 21:01	12.81	50.15	32.80	9.02	8.06	2.9	1.76	104.6
421	11/8/2009 21:16	12.84	50.12	32.78	9.05	8.06	2.8	1.65	105.0
422	11/8/2009 21:31	12.94	50.07	32.75	9.10	8.06	2.7	1.59	105.7
423	11/8/2009 21:46	12.95	50.06	32.74	9.09	8.30	2.5	1.51	105.7
424	11/8/2009 22:01	13.04	50.00	32.70	9.24	8.12	2.4	1.48	107.6
425	11/8/2009 22:16	13.05	49.99	32.70	9.24	8.09	2.3	1.41	107.6
426	11/8/2009 22:31	13.11	49.96	32.67	9.40	8.11	2.0	1.42	109.6
427	11/8/2009 22:46	13.02	49.98	32.68	9.31	8.32	2.5	1.44	108.4
428	11/8/2009 23:01	13.11	49.95	32.67	9.54	8.11	2.0	1.46	111.2
429	11/8/2009 23:16	13.07	49.97	32.68	9.45	8.13	2.0	1.52	110.1
430	11/8/2009 23:31	13.10	49.96	32.68	9.61	8.10	2.1	1.57	112.1
431	11/8/2009 23:46	13.10	49.97	32.68	9.62	8.11	2.0	1.70	112.1
432	11/9/2009 0:01	12.96	49.71	32.49	9.55	8.09	2.7	1.75	110.9
433	11/9/2009 0:16	12.92	49.59	32.40	9.50	8.08	3.0	1.80	110.1
434	11/9/2009 0:31	12.93	49.60	32.40	9.47	8.09	2.6	1.90	109.9
435	11/9/2009 0:46	13.01	49.71	32.49	9.49	8.06	2.4	1.99	110.4
436	11/9/2009 1:01	13.01	49.88	32.61	9.41	8.07	2.0	2.08	109.4
437	11/9/2009 1:16	13.00	49.89	32.62	9.37	8.09	2.1	2.13	109.0
438	11/9/2009 1:31	12.99	49.93	32.65	9.38	8.08	2.0	2.25	109.1
439	11/9/2009 1:46	12.92	50.01	32.71	9.30	8.07	2.2	2.35	108.1
440	11/9/2009 2:01	12.87	49.49	32.32	9.24	8.04	2.3	2.41	106.9
441	11/9/2009 2:16	12.84	50.03	32.72	9.17	8.06	2.4	2.51	106.3
442	11/9/2009 2:31	12.83	50.00	32.70	9.12	8.06	2.9	2.59	105.8
443	11/9/2009 2:46	12.75	50.16	32.81	9.14	8.04	2.9	2.68	105.9
444	11/9/2009 3:01	12.66	50.20	32.83	9.17	8.05	3.7	2.75	106.0
445	11/9/2009 3:16	12.60	50.22	32.85	9.18	8.04	3.4	2.84	106.0
446	11/9/2009 3:31	12.55	50.24	32.86	9.19	8.04	3.8	2.93	106.0
447	11/9/2009 3:46	12.40	50.25	32.85	9.25	8.03	4.2	3.00	106.5
448	11/9/2009 4:01	12.17	50.34	32.91	9.37	8.04	4.8	3.07	107.3
449	11/9/2009 4:16	12.00	50.40	32.94	9.46	8.04	5.0	3.14	107.9
450	11/9/2009 4:31	11.83	50.45	32.97	9.53	8.03	5.1	3.21	108.4
451	11/9/2009 4:46	11.76	50.42	32.95	9.56	8.04	5.2	3.27	108.6
452	11/9/2009 5:01	11.67	50.51	33.01	9.59	8.03	4.8	3.34	108.8
453	11/9/2009 5:16	11.67	50.52	33.02	9.62	8.04	4.3	3.37	109.0
454	11/9/2009 5:31	11.66	50.54	33.03	9.62	8.15	3.4	3.39	109.1
455	11/9/2009 5:46	11.69	50.52	33.02	9.50	7.83	2.1	3.40	107.8
456	11/9/2009 6:01	11.78	50.34	32.89	9.36	8.03	2.3	3.42	106.3
457	11/9/2009 6:16	11.72	50.52	33.02	9.46	8.04	2.6	3.42	107.4
458	11/9/2009 6:31	11.70	50.53	33.03	9.54	8.05	3.2	3.36	108.2
459	11/9/2009 6:46	11.70	50.52	33.02	9.48	7.84	3.1	3.34	107.6
460	11/9/2009 7:01	11.82	50.37	32.92	9.02	8.26	2.7	3.28	102.6
461	11/9/2009 7:16	11.93	50.31	32.88	8.92	8.00	2.7	3.20	101.6
462	11/9/2009 7:31	11.90	50.37	32.92	9.11	8.03	3.1	3.14	103.8
463	11/9/2009 7:46	11.98	49.76	32.48	8.90	8.00	3.1	3.08	101.2
464	11/9/2009 8:01	11.99	50.24	32.83	8.62	8.00	2.4	3.01	98.3
465	11/9/2009 8:16	12.02	50.23	32.82	8.52	8.23	1.9	2.95	97.2
466	11/9/2009 8:31	12.06	50.21	32.81	8.54	7.99	1.9	2.89	97.5
467	11/9/2009 8:46	12.14	50.19	32.80	8.57	8.04	1.7	2.83	98.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
468	11/9/2009 9:01	12.20	50.15	32.78	8.57	8.04	1.7	2.78	98.1
469	11/9/2009 9:16	12.17	50.17	32.79	8.55	8.24	1.6	2.71	97.8
470	11/9/2009 9:31	12.18	50.15	32.78	8.61	8.01	1.6	2.66	98.6
471	11/9/2009 9:46	12.23	50.17	32.79	8.68	8.00	1.7	2.61	99.5
472	11/9/2009 10:01	12.30	50.12	32.76	8.74	8.05	2.0	2.57	100.2
473	11/9/2009 10:16	12.29	50.15	32.78	8.80	8.10	2.1	2.53	101.0
474	11/9/2009 10:31	12.32	50.13	32.76	8.84	8.11	2.3	2.52	101.4
475	11/9/2009 10:46	12.37	50.11	32.76	8.88	8.07	2.0	2.49	102.0
476	11/9/2009 11:01	12.42	49.49	32.31	8.90	8.02	1.6	2.47	102.0
477	11/9/2009 11:16	12.42	50.08	32.73	8.84	8.04	1.5	2.47	101.7
478	11/9/2009 11:31	12.42	50.00	32.68	8.89	8.02	1.6	2.49	102.2
479	11/9/2009 11:46	12.40	50.09	32.74	8.91	8.03	1.8	2.50	102.4
480	11/9/2009 12:01	12.39	50.10	32.75	8.89	8.27	1.9	2.52	102.2
481	11/9/2009 12:16	12.40	50.12	32.76	8.90	8.04	1.5	2.58	102.3
482	11/9/2009 12:31	12.37	50.14	32.78	8.90	8.03	1.7	2.61	102.2
483	11/9/2009 12:46	12.32	50.14	32.77	8.90	8.03	1.8	2.66	102.1
484	11/9/2009 13:01	12.28	50.13	32.77	8.93	8.03	2.2	2.71	102.4
485	11/9/2009 13:16	12.26	50.17	32.79	8.94	8.03	2.0	2.77	102.5
486	11/9/2009 13:31	12.22	50.19	32.80	8.95	8.03	2.0	2.83	102.6
487	11/9/2009 13:46	12.17	50.21	32.81	8.96	8.03	1.7	2.89	102.5
488	11/9/2009 14:01	12.09	50.25	32.84	9.02	8.13	1.8	2.95	103.1
489	11/9/2009 14:16	12.00	50.32	32.89	9.21	8.28	2.0	3.01	105.1
490	11/9/2009 14:31	11.99	50.33	32.90	9.27	8.04	2.0	3.06	105.8
491	11/9/2009 14:46	11.98	50.34	32.91	9.28	8.07	2.1	3.12	105.9
492	11/9/2009 15:01	11.92	50.38	32.93	9.36	8.05	2.0	3.17	106.7
493	11/9/2009 15:16	11.88	50.39	32.93	9.39	8.05	2.0	3.24	106.9
494	11/9/2009 15:31	11.84	50.41	32.95	9.42	8.05	2.1	3.29	107.2
495	11/9/2009 15:46	11.80	50.44	32.97	9.43	8.04	2.1	3.32	107.2
496	11/9/2009 16:01	11.78	50.46	32.98	9.46	8.16	2.3	3.38	107.4
497	11/9/2009 16:16	11.76	50.47	32.99	9.47	8.05	2.5	3.41	107.5
498	11/9/2009 16:31	11.82	50.43	32.96	9.41	8.04	2.1	3.43	107.0
499	11/9/2009 16:46	11.83	50.42	32.96	9.31	8.05	1.6	3.43	105.8
500	11/9/2009 17:01	11.77	50.46	32.98	9.27	7.83	1.5	3.45	105.4
501	11/9/2009 17:16	11.77	50.45	32.97	9.32	8.04	1.6	3.43	105.8
502	11/9/2009 17:31	11.76	50.46	32.98	9.35	8.29	2.0	3.40	106.2
503	11/9/2009 17:46	11.92	50.23	32.82	9.68	8.11	1.8	3.36	110.2
504	11/9/2009 18:01	12.02	50.16	32.77	9.55	8.06	2.3	3.30	108.9
505	11/9/2009 18:16	11.88	50.36	32.91	9.28	8.01	1.8	3.23	105.7
506	11/9/2009 18:31	11.87	50.39	32.93	9.13	8.00	1.7	3.15	103.9
507	11/9/2009 18:46	11.92	50.35	32.91	9.11	8.04	2.1	3.06	103.8
508	11/9/2009 19:01	11.94	50.34	32.90	9.06	8.03	2.4	2.98	103.3
509	11/9/2009 19:16	11.97	49.93	32.61	8.95	8.02	1.9	2.89	101.9
510	11/9/2009 19:31	12.02	50.26	32.85	8.83	8.05	1.9	2.80	100.8
511	11/9/2009 19:46	12.14	50.16	32.78	8.78	8.03	2.2	2.70	100.4
512	11/9/2009 20:01	12.16	50.12	32.75	8.73	8.03	2.2	2.61	99.8
513	11/9/2009 20:16	12.18	50.10	32.74	8.70	8.03	2.2	2.52	99.6
514	11/9/2009 20:31	12.18	49.44	32.26	8.72	7.99	2.6	2.42	99.5
515	11/9/2009 20:46	12.17	50.08	32.72	8.68	8.02	2.4	2.32	99.3
516	11/9/2009 21:01	12.15	50.08	32.72	8.68	8.06	2.6	2.21	99.2
517	11/9/2009 21:16	12.16	50.07	32.72	8.60	7.82	2.9	2.12	98.4
518	11/9/2009 21:31	12.15	50.08	32.72	8.59	7.82	2.6	2.02	98.2
519	11/9/2009 21:46	12.15	50.04	32.69	8.58	8.02	2.9	1.92	98.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
520	11/9/2009 22:01	12.21	50.06	32.71	8.57	8.26	2.7	1.83	98.1
521	11/9/2009 22:16	12.21	50.03	32.69	8.50	8.02	2.6	1.75	97.3
522	11/9/2009 22:31	12.22	50.05	32.70	8.51	8.10	2.4	1.67	97.4
523	11/9/2009 22:46	12.25	50.02	32.69	8.55	7.82	2.5	1.64	97.9
524	11/9/2009 23:01	12.27	50.00	32.67	8.51	8.03	3.1	1.60	97.6
525	11/9/2009 23:16	12.24	49.53	32.33	8.57	8.04	2.9	1.56	97.9
526	11/9/2009 23:31	12.24	49.92	32.61	8.65	8.05	2.4	1.57	99.0
527	11/9/2009 23:46	12.23	49.96	32.64	8.61	7.83	2.4	1.59	98.6
528	11/10/2009 0:01	12.25	49.92	32.61	8.76	8.08	1.9	1.61	100.3
529	11/10/2009 0:16	12.26	49.93	32.61	8.74	8.05	2.0	1.67	100.1
530	11/10/2009 0:31	12.11	49.83	32.54	8.81	8.28	2.0	1.72	100.5
531	11/10/2009 0:46	12.12	49.84	32.55	8.81	8.05	2.2	1.78	100.6
532	11/10/2009 1:01	12.04	49.72	32.45	8.81	7.82	2.9	1.87	100.3
533	11/10/2009 1:16	11.96	49.58	32.35	8.82	8.03	3.0	1.93	100.1
534	11/10/2009 1:31	11.93	49.54	32.32	8.80	8.13	2.9	2.01	99.9
535	11/10/2009 1:46	11.94	49.53	32.31	8.83	8.03	2.5	2.09	100.3
536	11/10/2009 2:01	12.08	49.75	32.48	8.78	8.03	2.4	2.17	100.1
537	11/10/2009 2:16	12.12	49.84	32.55	8.75	8.02	2.3	2.24	99.9
538	11/10/2009 2:31	12.12	49.90	32.59	8.75	8.03	2.3	2.34	99.9
539	11/10/2009 2:46	12.13	49.96	32.63	8.78	8.03	2.2	2.43	100.2
540	11/10/2009 3:01	12.15	50.03	32.69	8.80	8.02	2.4	2.52	100.6
541	11/10/2009 3:16	12.16	50.07	32.71	8.80	8.14	2.6	2.61	100.6
542	11/10/2009 3:31	12.20	50.09	32.73	8.79	8.02	3.1	2.69	100.6
543	11/10/2009 3:46	12.20	50.11	32.74	8.78	8.03	3.4	2.77	100.5
544	11/10/2009 4:01	12.13	50.14	32.77	8.85	8.03	3.3	2.85	101.1
545	11/10/2009 4:16	12.10	50.18	32.79	8.90	8.01	3.6	2.94	101.6
546	11/10/2009 4:31	12.07	50.20	32.80	8.92	8.03	4.0	3.03	101.9
547	11/10/2009 4:46	11.99	50.22	32.81	9.00	8.03	4.5	3.09	102.6
548	11/10/2009 5:01	11.84	50.27	32.85	9.11	8.03	5.5	3.16	103.6
549	11/10/2009 5:16	11.76	50.34	32.89	9.20	8.02	5.6	3.24	104.4
550	11/10/2009 5:31	11.69	50.39	32.92	9.22	8.15	5.7	3.31	104.6
551	11/10/2009 5:46	11.61	50.42	32.94	9.25	8.28	5.4	3.37	104.7
552	11/10/2009 6:01	11.61	50.42	32.94	9.25	7.81	5.1	3.43	104.7
553	11/10/2009 6:16	11.59	50.44	32.95	9.22	8.03	4.6	3.47	104.4
554	11/10/2009 6:31	11.57	50.44	32.96	9.22	8.03	3.9	3.52	104.3
555	11/10/2009 6:46	11.64	50.37	32.91	9.12	8.02	2.4	3.52	103.3
556	11/10/2009 7:01	11.62	50.41	32.93	9.07	8.03	3.1	3.52	102.7
557	11/10/2009 7:16	11.57	50.42	32.94	9.14	8.03	3.1	3.52	103.3
558	11/10/2009 7:31	11.56	50.45	32.96	9.15	8.02	3.7	3.47	103.5
559	11/10/2009 7:46	11.57	50.43	32.95	9.12	8.27	3.7	3.41	103.2
560	11/10/2009 8:01	11.72	50.31	32.87	8.84	8.25	3.3	3.36	100.3
561	11/10/2009 8:16	11.74	50.27	32.84	8.83	8.02	3.2	3.28	100.2
562	11/10/2009 8:31	11.76	49.76	32.47	8.89	8.02	3.0	3.21	100.7
563	11/10/2009 8:46	11.78	50.26	32.84	8.94	8.03	2.4	3.13	101.5
564	11/10/2009 9:01	11.81	50.24	32.82	8.98	8.02	2.1	3.04	102.0
565	11/10/2009 9:16	11.83	50.22	32.81	9.06	8.04	2.0	2.97	103.0
566	11/10/2009 9:31	11.88	50.20	32.80	9.13	7.83	2.1	2.90	103.9
567	11/10/2009 9:46	11.96	50.18	32.78	9.25	8.08	2.0	2.82	105.3
568	11/10/2009 10:01	12.02	50.16	32.78	9.31	7.84	2.0	2.75	106.1
569	11/10/2009 10:16	12.10	50.10	32.73	9.37	8.06	2.0	2.68	107.1
570	11/10/2009 10:31	12.16	50.14	32.76	9.74	8.08	1.8	2.62	111.5
571	11/10/2009 10:46	12.21	50.09	32.73	9.62	8.09	1.9	2.56	110.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
572	11/10/2009 11:01	12.27	50.10	32.74	9.97	8.10	1.6	2.48	114.3
573	11/10/2009 11:16	12.32	50.09	32.73	10.06	8.12	1.6	2.43	115.5
574	11/10/2009 11:31	12.36	50.09	32.74	10.20	7.92	1.5	2.37	117.2
575	11/10/2009 11:46	12.42	49.93	32.62	10.31	8.13	1.5	2.34	118.4
576	11/10/2009 12:01	12.46	50.03	32.70	10.25	8.13	1.4	2.30	117.9
577	11/10/2009 12:16	12.50	50.06	32.72	10.29	8.17	1.3	2.27	118.5
578	11/10/2009 12:31	12.54	50.09	32.75	10.36	8.13	1.6	2.27	119.4
579	11/10/2009 12:46	12.49	50.07	32.73	9.99	8.20	1.5	2.27	115.0
580	11/10/2009 13:01	12.51	50.02	32.69	9.55	8.11	1.5	2.30	110.0
581	11/10/2009 13:16	12.48	50.03	32.70	9.37	7.87	1.5	2.32	107.8
582	11/10/2009 13:31	12.49	50.01	32.69	9.28	7.86	1.5	2.37	106.9
583	11/10/2009 13:46	12.41	50.01	32.68	9.12	8.05	1.7	2.44	104.8
584	11/10/2009 14:01	12.40	49.90	32.60	9.10	8.04	2.2	2.48	104.5
585	11/10/2009 14:16	12.35	49.89	32.59	9.01	8.14	2.1	2.55	103.3
586	11/10/2009 14:31	12.35	50.00	32.67	9.05	8.28	2.0	2.61	103.9
587	11/10/2009 14:46	12.34	50.03	32.69	9.03	8.04	1.8	2.66	103.6
588	11/10/2009 15:01	12.30	50.05	32.70	8.98	8.04	1.9	2.72	103.0
589	11/10/2009 15:16	12.23	50.08	32.73	8.91	8.02	2.0	2.78	102.0
590	11/10/2009 15:31	12.15	50.15	32.77	8.96	8.02	1.8	2.84	102.5
591	11/10/2009 15:46	12.12	50.15	32.77	8.98	8.04	2.0	2.90	102.6
592	11/10/2009 16:01	12.10	50.20	32.81	9.00	8.02	2.1	2.96	102.8
593	11/10/2009 16:16	12.08	50.19	32.79	8.99	8.04	1.9	3.02	102.7
594	11/10/2009 16:31	12.08	50.23	32.83	9.01	8.27	1.8	3.08	102.9
595	11/10/2009 16:46	12.07	50.24	32.84	9.01	8.02	2.0	3.12	102.9
596	11/10/2009 17:01	12.03	50.26	32.85	9.03	8.03	2.0	3.18	103.1
597	11/10/2009 17:16	11.99	50.29	32.87	9.07	8.03	2.1	3.22	103.4
598	11/10/2009 17:31	11.99	50.30	32.87	9.06	7.81	2.1	3.27	103.3
599	11/10/2009 17:46	11.97	50.29	32.86	9.05	8.03	2.1	3.30	103.2
600	11/10/2009 18:01	11.97	50.31	32.88	9.03	8.02	2.1	3.33	102.9
601	11/10/2009 18:16	12.06	49.64	32.39	8.98	8.04	1.8	3.35	102.2
602	11/10/2009 18:31	12.00	50.29	32.86	8.97	8.03	1.6	3.34	102.3
603	11/10/2009 18:46	11.95	50.31	32.88	8.96	8.02	1.6	3.33	102.1
604	11/10/2009 19:01	11.97	50.25	32.84	8.96	8.04	1.8	3.28	102.2
605	11/10/2009 19:16	11.96	50.31	32.88	8.99	8.02	1.9	3.23	102.5
606	11/10/2009 19:31	12.06	50.27	32.86	9.15	7.83	2.2	3.18	104.5
607	11/10/2009 19:46	12.16	50.25	32.84	9.29	7.85	2.1	3.11	106.3
608	11/10/2009 20:01	12.26	49.59	32.37	9.35	8.08	2.8	3.01	107.0
609	11/10/2009 20:16	12.32	49.77	32.50	9.21	8.07	2.6	2.93	105.5
610	11/10/2009 20:31	12.34	50.16	32.79	9.19	8.07	2.4	2.84	105.6
611	11/10/2009 20:46	12.43	49.62	32.40	9.19	8.01	2.1	2.76	105.4
612	11/10/2009 21:01	12.48	50.15	32.79	9.11	8.07	1.6	2.65	105.0
613	11/10/2009 21:16	12.52	50.11	32.76	9.19	8.17	2.0	2.58	106.0
614	11/10/2009 21:31	12.50	50.12	32.76	9.17	8.05	2.0	2.49	105.6
615	11/10/2009 21:46	12.45	50.12	32.76	9.07	8.05	2.0	2.37	104.4
616	11/10/2009 22:01	12.43	50.02	32.69	9.04	8.06	2.1	2.30	104.0
617	11/10/2009 22:16	12.39	50.10	32.74	8.98	8.03	2.4	2.21	103.3
618	11/10/2009 22:31	12.40	50.07	32.73	8.98	8.05	2.4	2.10	103.2
619	11/10/2009 22:46	12.35	50.09	32.74	8.85	8.03	2.4	2.01	101.6
620	11/10/2009 23:01	12.40	50.01	32.68	8.90	8.05	2.2	1.93	102.3
621	11/10/2009 23:16	12.41	50.01	32.68	8.85	8.04	2.1	1.87	101.7
622	11/10/2009 23:31	12.42	50.00	32.67	8.86	8.04	2.0	1.79	101.8
623	11/10/2009 23:46	12.50	49.95	32.64	9.15	8.06	2.0	1.74	105.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
624	11/11/2009 0:01	12.58	49.89	32.60	9.19	8.07	1.6	1.74	106.0
625	11/11/2009 0:16	12.60	49.88	32.59	9.41	8.10	1.6	1.70	108.5
626	11/11/2009 0:31	12.62	49.85	32.58	9.51	8.11	1.5	1.69	109.7
627	11/11/2009 0:46	12.63	49.86	32.58	9.66	8.21	1.6	1.73	111.5
628	11/11/2009 1:01	12.61	49.86	32.58	9.68	8.06	1.4	1.76	111.7
629	11/11/2009 1:16	12.57	49.89	32.60	9.51	8.32	1.5	1.80	109.7
630	11/11/2009 1:31	12.57	49.88	32.60	9.56	8.20	1.6	1.85	110.2
631	11/11/2009 1:46	12.55	49.90	32.61	9.48	7.88	1.6	1.92	109.2
632	11/11/2009 2:01	12.48	49.67	32.44	9.39	8.08	2.1	2.00	107.9
633	11/11/2009 2:16	12.47	49.59	32.38	9.36	8.09	2.1	2.07	107.5
634	11/11/2009 2:31	12.41	49.55	32.35	9.31	8.06	2.1	2.12	106.8
635	11/11/2009 2:46	12.38	49.60	32.38	9.26	8.18	2.0	2.22	106.1
636	11/11/2009 3:01	12.44	49.82	32.55	9.17	8.29	2.0	2.31	105.4
637	11/11/2009 3:16	12.42	49.89	32.60	9.11	8.05	2.2	2.38	104.7
638	11/11/2009 3:31	12.37	49.92	32.62	9.01	8.05	1.9	2.46	103.5
639	11/11/2009 3:46	12.29	50.02	32.69	8.87	8.02	2.4	2.56	101.7
640	11/11/2009 4:01	12.26	50.05	32.71	8.81	8.01	2.9	2.64	100.9
641	11/11/2009 4:16	12.25	50.08	32.72	8.79	8.02	3.3	2.73	100.7
642	11/11/2009 4:31	12.22	50.10	32.74	8.79	8.26	3.7	2.81	100.7
643	11/11/2009 4:46	12.14	49.79	32.51	8.84	8.00	4.0	2.91	101.0
644	11/11/2009 5:01	12.11	50.18	32.79	8.85	8.01	4.6	2.99	101.1
645	11/11/2009 5:16	12.09	50.18	32.79	8.86	8.00	4.7	3.06	101.2
646	11/11/2009 5:31	11.99	50.24	32.83	8.92	8.15	5.6	3.16	101.7
647	11/11/2009 5:46	11.93	50.27	32.85	8.98	8.27	5.9	3.25	102.3
648	11/11/2009 6:01	11.85	50.32	32.88	9.03	8.27	6.2	3.32	102.7
649	11/11/2009 6:16	11.80	50.34	32.89	9.07	8.03	6.5	3.39	103.0
650	11/11/2009 6:31	11.77	50.39	32.93	9.06	8.03	5.9	3.48	102.9
651	11/11/2009 6:46	11.74	50.42	32.95	9.07	8.16	5.3	3.54	102.9
652	11/11/2009 7:01	11.73	50.43	32.95	9.07	8.16	4.6	3.58	102.9
653	11/11/2009 7:16	11.73	50.43	32.96	9.06	8.28	3.6	3.64	102.8
654	11/11/2009 7:31	11.73	50.43	32.96	9.00	8.15	2.7	3.66	102.2
655	11/11/2009 7:46	11.79	50.31	32.87	8.88	8.03	2.9	3.67	100.9
656	11/11/2009 8:01	11.76	50.37	32.91	8.95	8.05	3.1	3.65	101.6
657	11/11/2009 8:16	11.76	50.40	32.94	8.94	8.27	3.5	3.61	101.5
658	11/11/2009 8:31	11.73	50.43	32.96	8.97	8.27	3.5	3.56	101.8
659	11/11/2009 8:46	11.82	50.29	32.86	8.84	8.01	3.7	3.49	100.4
660	11/11/2009 9:01	11.84	50.32	32.88	8.81	8.01	2.8	3.41	100.2
661	11/11/2009 9:16	11.84	50.32	32.88	8.93	8.01	3.5	3.33	101.6
662	11/11/2009 9:31	11.90	50.29	32.86	8.91	8.14	3.2	3.23	101.4
663	11/11/2009 9:46	11.92	50.26	32.84	8.96	8.14	3.5	3.14	102.1
664	11/11/2009 10:01	11.94	50.25	32.84	9.02	8.02	2.4	3.05	102.7
665	11/11/2009 10:16	11.96	50.23	32.82	8.96	8.04	2.6	2.95	102.1
666	11/11/2009 10:31	12.06	50.12	32.75	8.82	8.01	3.8	2.86	100.6
667	11/11/2009 10:46	12.09	50.11	32.74	8.84	8.02	2.6	2.78	101.0
668	11/11/2009 11:01	12.13	50.07	32.72	8.91	7.81	2.2	2.68	101.8
669	11/11/2009 11:16	12.16	49.44	32.26	9.00	8.06	2.0	2.60	102.7
670	11/11/2009 11:31	12.18	50.06	32.71	9.14	8.04	2.1	2.49	104.6
671	11/11/2009 11:46	12.22	50.05	32.70	9.35	8.30	1.9	2.41	107.0
672	11/11/2009 12:01	12.23	50.07	32.72	9.45	8.31	1.9	2.34	108.2
673	11/11/2009 12:16	12.26	50.07	32.72	9.46	8.01	1.8	2.25	108.4
674	11/11/2009 12:31	12.30	50.06	32.71	9.74	8.09	1.8	2.18	111.7
675	11/11/2009 12:46	12.31	50.06	32.71	9.89	8.10	1.8	2.11	113.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
676	11/11/2009 13:01	12.34	50.04	32.70	9.79	8.09	1.6	2.06	112.4
677	11/11/2009 13:16	12.36	50.02	32.69	9.83	8.10	1.5	2.03	112.9
678	11/11/2009 13:31	12.37	50.00	32.67	9.61	8.09	1.5	1.99	110.3
679	11/11/2009 13:46	12.40	49.95	32.64	9.53	8.08	1.8	2.01	109.5
680	11/11/2009 14:01	12.37	49.88	32.58	9.55	8.11	1.6	2.01	109.6
681	11/11/2009 14:16	12.40	49.93	32.63	9.30	8.31	1.4	2.06	106.9
682	11/11/2009 14:31	12.39	49.94	32.63	9.17	8.06	1.5	2.10	105.3
683	11/11/2009 14:46	12.38	49.93	32.62	9.11	8.06	1.6	2.14	104.7
684	11/11/2009 15:01	12.36	49.91	32.60	9.10	8.04	1.6	2.24	104.4
685	11/11/2009 15:16	12.32	49.74	32.48	9.13	8.05	2.4	2.29	104.6
686	11/11/2009 15:31	12.29	49.76	32.50	9.09	8.03	2.3	2.37	104.1
687	11/11/2009 15:46	12.27	49.92	32.61	9.06	7.82	2.0	2.45	103.8
688	11/11/2009 16:01	12.26	49.95	32.63	9.04	8.04	2.1	2.51	103.5
689	11/11/2009 16:16	12.24	49.97	32.65	9.00	8.04	2.0	2.58	103.0
690	11/11/2009 16:31	12.18	50.07	32.71	8.91	8.16	2.0	2.64	101.9
691	11/11/2009 16:46	12.15	50.09	32.72	8.88	8.03	2.1	2.72	101.6
692	11/11/2009 17:01	12.12	50.14	32.76	8.87	8.03	2.3	2.78	101.4
693	11/11/2009 17:16	12.11	50.15	32.77	8.86	8.03	2.3	2.84	101.2
694	11/11/2009 17:31	12.09	50.16	32.78	8.84	8.03	2.3	2.90	101.0
695	11/11/2009 17:46	12.07	50.18	32.79	8.84	8.27	2.3	2.96	100.9
696	11/11/2009 18:01	12.03	50.22	32.81	8.86	8.03	2.4	3.02	101.1
697	11/11/2009 18:16	11.99	50.20	32.80	8.87	8.02	2.3	3.08	101.1
698	11/11/2009 18:31	11.98	49.63	32.39	8.88	7.93	2.2	3.12	100.9
699	11/11/2009 18:46	11.97	50.23	32.82	8.84	8.02	2.4	3.18	100.8
700	11/11/2009 19:01	11.95	50.18	32.78	8.87	8.00	2.7	3.22	101.0
701	11/11/2009 19:16	11.93	50.24	32.83	8.87	8.00	2.2	3.25	101.1
702	11/11/2009 19:31	11.96	50.19	32.79	8.85	8.01	2.0	3.26	100.8
703	11/11/2009 19:46	11.96	50.21	32.80	8.69	8.02	1.7	3.27	99.1
704	11/11/2009 20:01	11.94	50.23	32.82	8.73	8.02	2.0	3.26	99.4
705	11/11/2009 20:16	11.90	50.27	32.84	8.79	8.02	1.8	3.23	100.0
706	11/11/2009 20:31	11.91	50.05	32.69	8.74	8.00	2.1	3.18	99.4
707	11/11/2009 20:46	11.94	50.16	32.77	8.62	8.01	2.5	3.13	98.2
708	11/11/2009 21:01	11.93	50.10	32.73	8.54	7.99	2.9	3.07	97.2
709	11/11/2009 21:16	11.93	50.17	32.77	8.53	7.99	3.1	2.99	97.1
710	11/11/2009 21:31	11.94	50.17	32.78	8.53	7.78	2.6	2.91	97.1
711	11/11/2009 21:46	11.92	50.01	32.66	8.54	7.99	2.3	2.82	97.1
712	11/11/2009 22:01	11.86	50.16	32.77	8.51	8.02	2.3	2.75	96.8
713	11/11/2009 22:16	11.89	50.16	32.77	8.49	8.00	2.3	2.66	96.5
714	11/11/2009 22:31	11.87	50.16	32.77	8.51	8.00	2.2	2.58	96.7
715	11/11/2009 22:46	11.87	50.14	32.75	8.57	7.78	2.3	2.48	97.4
716	11/11/2009 23:01	11.83	49.52	32.30	8.55	8.03	2.3	2.40	96.9
717	11/11/2009 23:16	11.84	50.13	32.74	8.58	8.25	2.4	2.32	97.4
718	11/11/2009 23:31	11.76	50.14	32.75	8.54	8.13	2.4	2.21	96.9
719	11/11/2009 23:46	11.78	50.11	32.73	8.52	8.13	2.6	2.14	96.6
720	11/12/2009 0:01	11.79	50.10	32.72	8.59	7.93	2.4	2.06	97.5
721	11/12/2009 0:16	11.75	50.02	32.66	8.57	8.01	2.7	1.98	97.1
722	11/12/2009 0:31	11.81	50.06	32.69	8.62	8.00	2.1	1.92	97.8
723	11/12/2009 0:46	11.85	50.02	32.66	8.64	8.26	2.1	1.88	98.1
724	11/12/2009 1:01	11.89	49.83	32.53	8.66	8.02	2.0	1.84	98.4
725	11/12/2009 1:16	11.98	49.94	32.61	8.77	8.05	1.8	1.82	99.9
726	11/12/2009 1:31	12.01	49.94	32.61	8.83	8.05	1.7	1.81	100.6
727	11/12/2009 1:46	11.98	49.94	32.61	8.85	8.05	2.0	1.83	100.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
728	11/12/2009 2:01	11.98	49.95	32.62	8.84	8.18	1.8	1.85	100.7
729	11/12/2009 2:16	11.98	49.97	32.63	8.85	8.04	2.0	1.91	100.7
730	11/12/2009 2:31	11.99	49.97	32.63	8.89	8.05	2.0	1.98	101.3
731	11/12/2009 2:46	11.98	49.87	32.56	8.88	8.09	2.1	2.04	101.0
732	11/12/2009 3:01	11.83	49.72	32.44	8.83	8.04	3.1	2.13	100.1
733	11/12/2009 3:16	11.79	49.64	32.38	8.80	8.04	3.2	2.20	99.6
734	11/12/2009 3:31	11.86	49.73	32.45	8.77	8.08	2.9	2.28	99.5
735	11/12/2009 3:46	11.90	49.91	32.58	8.74	8.04	2.6	2.36	99.3
736	11/12/2009 4:01	11.88	49.92	32.59	8.71	8.02	2.6	2.46	99.0
737	11/12/2009 4:16	11.87	49.93	32.60	8.70	7.98	2.9	2.54	98.8
738	11/12/2009 4:31	11.87	50.05	32.69	8.67	8.01	3.0	2.63	98.5
739	11/12/2009 4:46	11.88	50.09	32.72	8.66	8.02	3.4	2.71	98.4
740	11/12/2009 5:01	11.89	50.13	32.74	8.67	8.15	3.5	2.80	98.6
741	11/12/2009 5:16	11.86	50.17	32.77	8.69	8.00	4.3	2.89	98.8
742	11/12/2009 5:31	11.83	50.19	32.79	8.71	8.02	4.8	2.98	98.9
743	11/12/2009 5:46	11.82	50.21	32.80	8.72	8.00	6.0	3.07	99.1
744	11/12/2009 6:01	11.75	50.25	32.82	8.77	8.16	6.8	3.16	99.5
745	11/12/2009 6:16	11.66	50.25	32.82	8.83	7.97	7.0	3.24	100.0
746	11/12/2009 6:31	11.59	50.35	32.89	8.90	8.03	7.0	3.34	100.7
747	11/12/2009 6:46	11.55	50.40	32.92	8.94	8.04	7.0	3.42	101.0
748	11/12/2009 7:01	11.44	50.47	32.97	8.98	8.18	7.0	3.51	101.2
749	11/12/2009 7:16	11.39	50.50	32.99	8.98	7.77	6.4	3.59	101.2
750	11/12/2009 7:31	11.37	50.51	33.00	8.98	8.18	5.0	3.65	101.1
751	11/12/2009 7:46	11.36	49.90	32.55	9.00	8.08	4.4	3.72	101.1
752	11/12/2009 8:01	11.37	50.51	33.00	8.88	7.78	3.6	3.74	100.0
753	11/12/2009 8:16	11.28	50.32	32.85	8.61	7.97	2.4	3.77	96.7
754	11/12/2009 8:31	11.33	50.38	32.90	8.70	8.02	2.7	3.79	97.9
755	11/12/2009 8:46	11.34	50.42	32.93	8.75	7.99	3.1	3.77	98.5
756	11/12/2009 9:01	11.39	50.44	32.94	8.78	8.02	3.4	3.73	98.9
757	11/12/2009 9:16	11.41	50.45	32.95	8.84	8.00	3.1	3.67	99.7
758	11/12/2009 9:31	11.45	50.00	32.63	8.95	8.07	4.6	3.59	100.8
759	11/12/2009 9:46	11.47	50.42	32.93	9.05	8.01	3.4	3.50	102.1
760	11/12/2009 10:01	11.50	50.40	32.93	9.08	8.04	3.8	3.40	102.5
761	11/12/2009 10:16	11.53	50.40	32.92	9.23	8.19	2.9	3.29	104.3
762	11/12/2009 10:31	11.53	50.36	32.89	9.17	8.29	3.1	3.19	103.6
763	11/12/2009 10:46	11.54	50.14	32.74	8.92	8.07	4.6	3.08	100.7
764	11/12/2009 11:01	11.58	50.15	32.74	9.02	8.04	3.5	2.98	101.9
765	11/12/2009 11:16	11.62	49.57	32.32	9.14	7.95	3.0	2.87	103.1
766	11/12/2009 11:31	11.64	50.14	32.74	9.12	7.81	3.7	2.75	103.2
767	11/12/2009 11:46	11.70	50.09	32.71	9.19	8.05	3.7	2.65	104.1
768	11/12/2009 12:01	11.71	50.11	32.72	9.71	8.09	2.9	2.55	109.9
769	11/12/2009 12:16	11.80	50.14	32.75	9.61	8.08	3.2	2.44	109.1
770	11/12/2009 12:31	11.84	50.15	32.75	9.82	8.35	2.9	2.32	111.6
771	11/12/2009 12:46	11.90	50.15	32.76	10.14	8.12	2.6	2.21	115.3
772	11/12/2009 13:01	11.98	50.08	32.72	10.56	8.20	2.4	2.11	120.3
773	11/12/2009 13:16	12.02	49.54	32.32	10.37	8.07	2.3	2.01	118.0
774	11/12/2009 13:31	12.05	50.13	32.76	10.37	8.12	2.2	1.91	118.4
775	11/12/2009 13:46	12.04	50.10	32.73	9.95	8.36	2.1	1.83	113.5
776	11/12/2009 14:01	12.06	50.11	32.74	10.05	8.13	2.0	1.78	114.7
777	11/12/2009 14:16	12.08	50.10	32.73	9.85	8.13	1.7	1.73	112.4
778	11/12/2009 14:31	12.14	50.10	32.74	10.04	8.39	2.1	1.71	114.8
779	11/12/2009 14:46	12.13	50.09	32.73	10.57	8.20	1.9	1.69	120.8

sonde #4		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
780	11/12/2009 15:01	12.10	50.10	32.74	10.07	8.37	1.8	1.73	115.0
781	11/12/2009 15:16	12.04	50.08	32.72	9.73	8.35	1.9	1.77	111.0
782	11/12/2009 15:31	11.97	50.02	32.67	9.56	8.10	2.0	1.82	108.8
783	11/12/2009 15:46	11.93	49.98	32.64	9.38	8.05	1.9	1.90	106.7
784	11/12/2009 16:01	11.88	49.94	32.61	9.41	8.09	2.1	1.97	106.9
785	11/12/2009 16:16	11.70	49.66	32.39	9.38	8.22	3.2	2.07	106.0
786	11/12/2009 16:31	11.76	49.79	32.49	9.37	8.07	2.8	2.13	106.1
787	11/12/2009 16:46	11.83	49.90	32.58	9.38	8.06	2.6	2.22	106.4
788	11/12/2009 17:01	11.85	49.95	32.61	9.38	8.09	2.5	2.31	106.5
789	11/12/2009 17:16	11.83	49.95	32.61	9.34	8.32	2.5	2.39	106.0
790	11/12/2009 17:31	11.82	49.43	32.23	9.28	8.12	2.4	2.46	105.1
791	11/12/2009 17:46	11.83	49.45	32.25	9.13	7.95	2.4	2.53	103.4
792	11/12/2009 18:01	11.83	50.07	32.70	9.00	8.03	2.5	2.61	102.2
793	11/12/2009 18:16	11.83	50.10	32.72	8.90	8.02	2.6	2.69	101.1
794	11/12/2009 18:31	11.83	50.13	32.74	8.87	8.28	2.8	2.75	100.8
795	11/12/2009 18:46	11.82	50.16	32.77	8.85	7.93	2.8	2.82	100.5
796	11/12/2009 19:01	11.79	50.18	32.77	8.86	7.93	2.9	2.90	100.6
797	11/12/2009 19:16	11.78	49.58	32.34	8.88	7.99	2.9	2.96	100.5
798	11/12/2009 19:31	11.75	50.18	32.78	8.86	8.27	2.9	3.02	100.4
799	11/12/2009 19:46	11.72	50.21	32.79	8.86	7.78	2.9	3.08	100.5
800	11/12/2009 20:01	11.71	50.23	32.81	8.87	7.78	2.8	3.14	100.5
801	11/12/2009 20:16	11.69	50.26	32.83	8.89	7.92	3.1	3.19	100.7
802	11/12/2009 20:31	11.68	50.28	32.84	8.87	8.03	2.8	3.22	100.5
803	11/12/2009 20:46	11.65	49.73	32.44	8.85	7.93	2.9	3.25	100.0
804	11/12/2009 21:01	11.65	50.26	32.83	8.72	8.02	1.9	3.27	98.7
805	11/12/2009 21:16	11.65	50.28	32.84	8.74	8.27	2.3	3.26	99.0
806	11/12/2009 21:31	11.65	50.27	32.84	8.75	8.26	2.6	3.23	99.0
807	11/12/2009 21:46	11.64	50.28	32.84	8.78	8.27	2.3	3.18	99.3
808	11/12/2009 22:01	11.52	50.19	32.77	8.68	8.28	2.3	3.13	98.0
809	11/12/2009 22:16	11.41	50.02	32.64	8.53	8.03	2.1	3.06	95.9
810	11/12/2009 22:31	11.32	50.01	32.63	8.54	8.08	2.4	2.98	95.9
811	11/12/2009 22:46	11.45	50.15	32.73	8.60	8.02	2.4	2.87	96.9
812	11/12/2009 23:01	11.38	50.14	32.73	8.54	8.27	2.7	2.81	96.1
813	11/12/2009 23:16	11.41	50.13	32.72	8.60	8.27	2.1	2.71	96.8
814	11/12/2009 23:31	11.45	49.75	32.45	8.65	8.07	2.4	2.62	97.2
815	11/12/2009 23:46	11.46	50.14	32.73	8.66	8.27	2.1	2.54	97.6
816	11/13/2009 0:01	11.45	49.80	32.48	8.67	7.99	2.0	2.46	97.5
817	11/13/2009 0:16	11.43	50.14	32.73	8.63	8.02	2.1	2.39	97.2
818	11/13/2009 0:31	11.38	50.15	32.74	8.65	8.16	2.0	2.30	97.3
819	11/13/2009 0:46	11.32	50.17	32.74	8.62	8.26	2.1	2.23	96.8
820	11/13/2009 1:01	11.30	49.74	32.43	8.65	7.98	2.2	2.16	97.0
821	11/13/2009 1:16	11.26	50.14	32.72	8.67	7.98	2.1	2.08	97.2
822	11/13/2009 1:31	11.20	50.15	32.72	8.66	8.17	2.1	2.02	97.1
823	11/13/2009 1:46	11.25	50.12	32.70	8.71	8.28	1.8	1.98	97.7
824	11/13/2009 2:01	11.27	50.10	32.69	8.75	8.29	2.0	1.95	98.2
825	11/13/2009 2:16	11.29	50.08	32.68	8.82	8.30	1.6	1.94	99.0
826	11/13/2009 2:31	11.26	50.02	32.63	8.82	8.03	2.1	1.95	98.9
827	11/13/2009 2:46	11.30	49.95	32.59	8.99	8.02	2.0	1.96	100.9
828	11/13/2009 3:01	11.30	50.07	32.67	8.98	8.06	1.7	2.00	100.8
829	11/13/2009 3:16	11.33	50.04	32.65	9.03	8.21	1.9	2.06	101.4
830	11/13/2009 3:31	11.31	50.05	32.66	8.99	8.07	2.2	2.13	100.9
831	11/13/2009 3:46	11.28	50.01	32.63	8.93	8.06	2.6	2.20	100.2

sonde #4		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
832	11/13/2009 4:01	10.99	49.84	32.49	8.91	7.78	3.4	2.29	99.2
833	11/13/2009 4:16	11.17	49.97	32.59	8.84	8.29	2.9	2.37	98.9
834	11/13/2009 4:31	11.19	50.01	32.62	8.81	8.05	2.9	2.45	98.6
835	11/13/2009 4:46	11.22	50.01	32.62	8.76	8.05	2.7	2.54	98.1
836	11/13/2009 5:01	11.27	50.07	32.67	8.76	8.28	2.9	2.62	98.2
837	11/13/2009 5:16	11.36	50.12	32.71	8.74	8.00	3.0	2.71	98.3
838	11/13/2009 5:31	11.41	50.15	32.73	8.74	8.00	3.5	2.79	98.4
839	11/13/2009 5:46	11.47	50.19	32.77	8.73	8.04	3.7	2.88	98.5
840	11/13/2009 6:01	11.48	50.23	32.80	8.73	8.00	4.6	2.97	98.5
841	11/13/2009 6:16	11.47	50.23	32.80	8.76	7.97	5.2	3.05	98.8
842	11/13/2009 6:31	11.47	50.28	32.83	8.78	8.27	6.0	3.16	99.0
843	11/13/2009 6:46	11.39	50.33	32.87	8.83	7.97	7.7	3.26	99.5
844	11/13/2009 7:01	11.32	50.40	32.91	8.89	7.97	8.2	3.34	100.0
845	11/13/2009 7:16	11.27	50.46	32.95	8.92	8.05	7.7	3.44	100.3
846	11/13/2009 7:31	11.21	50.49	32.97	8.94	8.05	6.7	3.54	100.4
847	11/13/2009 7:46	11.17	49.93	32.56	8.97	7.92	7.1	3.62	100.4
848	11/13/2009 8:01	11.14	50.54	33.01	8.97	8.10	5.4	3.69	100.5
849	11/13/2009 8:16	11.14	50.55	33.01	8.96	7.99	4.7	3.77	100.4
850	11/13/2009 8:31	11.11	50.53	32.99	8.94	8.19	3.4	3.82	100.1
851	11/13/2009 8:46	10.97	50.46	32.94	8.64	7.89	2.7	3.85	96.5
852	11/13/2009 9:01	10.85	50.30	32.81	8.58	8.27	2.4	3.87	95.5
853	11/13/2009 9:16	11.04	50.46	32.94	8.72	8.04	2.5	3.86	97.5
854	11/13/2009 9:31	11.06	50.43	32.92	8.75	8.08	2.7	3.84	97.8
855	11/13/2009 9:46	11.16	50.46	32.95	8.95	7.78	3.1	3.78	100.3
856	11/13/2009 10:01	11.24	50.48	32.97	9.25	8.31	3.1	3.71	103.9
857	11/13/2009 10:16	11.22	50.46	32.95	9.14	8.06	3.7	3.64	102.6
858	11/13/2009 10:31	11.25	49.83	32.49	9.20	7.95	4.1	3.53	103.1
859	11/13/2009 10:46	11.22	50.42	32.92	9.17	8.00	4.0	3.42	102.9
860	11/13/2009 11:01	11.21	50.37	32.88	9.10	8.03	3.4	3.31	102.1
861	11/13/2009 11:16	11.21	50.31	32.84	9.05	8.20	3.6	3.19	101.5
862	11/13/2009 11:31	11.19	50.28	32.82	9.13	8.05	3.2	3.08	102.3
863	11/13/2009 11:46	11.25	50.23	32.79	9.17	8.07	3.2	2.96	102.9
864	11/13/2009 12:01	11.27	50.23	32.79	9.22	8.07	3.0	2.83	103.6
865	11/13/2009 12:16	11.18	50.14	32.71	9.43	8.09	3.1	2.72	105.6
866	11/13/2009 12:31	11.22	50.19	32.75	9.47	8.08	3.1	2.59	106.2
867	11/13/2009 12:46	11.23	50.20	32.76	9.64	7.83	3.8	2.45	108.1
868	11/13/2009 13:01	11.22	50.17	32.74	9.97	8.10	2.9	2.33	111.8
869	11/13/2009 13:16	11.36	50.24	32.80	10.02	8.10	3.6	2.19	112.7
870	11/13/2009 13:31	11.41	50.24	32.80	10.07	8.15	3.6	2.06	113.4
871	11/13/2009 13:46	11.43	50.18	32.76	10.25	8.15	3.4	1.93	115.4
872	11/13/2009 14:01	11.46	50.22	32.79	10.15	8.28	3.4	1.81	114.4
873	11/13/2009 14:16	11.47	50.12	32.72	10.04	8.10	3.0	1.70	113.2
874	11/13/2009 14:31	11.45	50.16	32.74	9.68	8.12	3.0	1.60	109.1
875	11/13/2009 14:46	11.45	50.06	32.67	9.66	8.10	2.9	1.52	108.8
876	11/13/2009 15:01	11.42	49.52	32.28	9.56	8.00	2.6	1.46	107.3
877	11/13/2009 15:16	11.40	50.11	32.70	9.63	8.13	2.4	1.44	108.3
878	11/13/2009 15:31	11.44	50.10	32.70	9.86	8.08	2.6	1.44	111.0
879	11/13/2009 15:46	11.43	50.10	32.70	9.81	8.08	3.1	1.45	110.4
880	11/13/2009 16:01	11.41	50.11	32.71	9.63	8.09	2.5	1.50	108.4
881	11/13/2009 16:16	11.38	50.10	32.70	9.55	7.99	2.6	1.56	107.4
882	11/13/2009 16:31	11.34	50.09	32.69	9.49	8.34	2.9	1.64	106.7
883	11/13/2009 16:46	11.32	50.09	32.69	9.47	8.07	2.9	1.72	106.4

sonde #4		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
884	11/13/2009 17:01	10.97	49.77	32.43	9.52	8.07	3.4	1.81	106.0
885	11/13/2009 17:16	10.76	49.78	32.43	9.53	8.35	3.4	1.90	105.6
886	11/13/2009 17:31	10.97	49.91	32.54	9.50	8.11	3.0	1.99	105.9
887	11/13/2009 17:46	11.03	49.94	32.56	9.49	8.03	2.6	2.07	105.9
888	11/13/2009 18:01	11.04	49.98	32.59	9.48	8.35	2.6	2.17	105.7
889	11/13/2009 18:16	10.99	49.97	32.58	9.46	8.11	2.7	2.26	105.4
890	11/13/2009 18:31	11.01	49.99	32.59	9.41	8.03	2.7	2.34	104.9
891	11/13/2009 18:46	11.10	50.05	32.64	9.23	7.80	2.6	2.44	103.2
892	11/13/2009 19:01	11.20	50.07	32.67	9.09	8.22	3.0	2.52	101.8
893	11/13/2009 19:16	11.27	50.12	32.70	9.02	8.21	3.2	2.61	101.2
894	11/13/2009 19:31	11.30	50.16	32.73	8.99	7.93	3.2	2.69	100.9
895	11/13/2009 19:46	11.30	50.16	32.74	8.98	7.93	3.2	2.78	100.8
896	11/13/2009 20:01	11.32	50.17	32.74	8.96	8.06	3.6	2.86	100.7
897	11/13/2009 20:16	11.33	50.13	32.71	8.95	8.10	3.5	2.92	100.5
898	11/13/2009 20:31	11.32	50.09	32.69	8.96	7.92	3.8	2.99	100.6
899	11/13/2009 20:46	11.30	50.22	32.78	8.95	8.06	3.7	3.06	100.5
900	11/13/2009 21:01	11.29	50.21	32.77	8.94	7.98	3.6	3.11	100.4
901	11/13/2009 21:16	11.29	50.28	32.82	8.93	8.29	3.9	3.16	100.3
902	11/13/2009 21:31	11.28	50.30	32.84	8.92	8.19	3.5	3.21	100.2
903	11/13/2009 21:46	11.26	50.33	32.86	8.89	7.78	3.2	3.25	99.8
904	11/13/2009 22:01	11.19	50.36	32.88	8.86	8.05	2.4	3.27	99.4
905	11/13/2009 22:16	11.22	50.27	32.81	8.80	8.05	2.6	3.27	98.7
906	11/13/2009 22:31	11.23	50.34	32.86	8.83	7.77	4.5	3.25	99.1
907	11/13/2009 22:46	11.23	50.32	32.85	8.82	8.01	3.2	3.21	99.0
908	11/13/2009 23:01	11.17	50.27	32.81	8.76	7.77	4.3	3.16	98.2
909	11/13/2009 23:16	11.14	50.19	32.75	8.74	8.09	4.3	3.09	97.8
910	11/13/2009 23:31	11.12	50.21	32.76	8.72	8.27	3.8	3.01	97.5
911	11/13/2009 23:46	11.12	50.20	32.76	8.69	8.00	3.2	2.92	97.3
912	11/14/2009 0:01	11.12	49.56	32.29	8.80	8.09	3.5	2.84	98.2
913	11/14/2009 0:16	11.06	50.11	32.69	8.64	7.90	2.9	2.76	96.6
914	11/14/2009 0:31	11.05	50.17	32.73	8.63	7.99	3.0	2.68	96.5
915	11/14/2009 0:46	11.05	50.15	32.71	8.65	8.00	3.2	2.60	96.6
916	11/14/2009 1:01	11.02	50.18	32.73	8.61	7.75	3.0	2.52	96.1
917	11/14/2009 1:16	10.99	50.16	32.72	8.59	7.96	3.0	2.43	95.8
918	11/14/2009 1:31	10.96	50.20	32.75	8.61	8.27	2.6	2.36	96.0
919	11/14/2009 1:46	10.93	50.20	32.74	8.60	8.27	2.6	2.30	95.8
920	11/14/2009 2:01	10.89	50.21	32.75	8.62	8.03	2.6	2.22	96.0
921	11/14/2009 2:16	10.88	50.19	32.73	8.66	7.75	2.3	2.17	96.4
922	11/14/2009 2:31	10.84	50.16	32.71	8.68	8.28	2.3	2.11	96.6
923	11/14/2009 2:46	10.83	50.15	32.70	8.68	7.97	2.2	2.09	96.5
924	11/14/2009 3:01	10.82	50.14	32.69	8.75	8.01	2.2	2.05	97.3
925	11/14/2009 3:16	10.83	50.12	32.68	8.78	8.20	1.9	2.06	97.6
926	11/14/2009 3:31	10.78	50.14	32.69	8.78	8.29	2.2	2.06	97.5
927	11/14/2009 3:46	10.79	50.12	32.68	8.82	7.77	2.3	2.08	98.0
928	11/14/2009 4:01	10.83	50.14	32.69	8.82	8.20	2.4	2.13	98.0
929	11/14/2009 4:16	10.83	50.12	32.68	8.89	7.92	2.6	2.19	98.8
930	11/14/2009 4:31	10.84	50.12	32.68	8.91	7.92	2.7	2.28	99.1
931	11/14/2009 4:46	10.57	49.89	32.49	8.97	7.99	4.2	2.35	99.0
932	11/14/2009 5:01	10.54	49.87	32.48	8.96	8.02	4.2	2.44	98.9
933	11/14/2009 5:16	10.74	50.04	32.62	8.85	7.98	3.8	2.52	98.2
934	11/14/2009 5:31	10.75	50.05	32.63	8.81	8.29	3.5	2.61	97.8
935	11/14/2009 5:46	10.84	50.10	32.67	8.82	8.20	3.3	2.69	98.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
936	11/14/2009 6:01	10.93	50.13	32.70	8.83	7.97	3.5	2.78	98.4
937	11/14/2009 6:16	10.96	50.16	32.72	8.84	8.06	3.8	2.87	98.5
938	11/14/2009 6:31	11.04	50.11	32.69	8.84	7.97	4.6	2.96	98.7
939	11/14/2009 6:46	11.06	50.25	32.79	8.84	7.76	5.1	3.06	98.9
940	11/14/2009 7:01	11.07	50.23	32.78	8.86	8.06	5.6	3.14	99.0
941	11/14/2009 7:16	11.07	50.33	32.85	8.87	7.97	6.3	3.24	99.2
942	11/14/2009 7:31	11.04	50.36	32.87	8.89	8.06	6.7	3.34	99.4
943	11/14/2009 7:46	11.01	50.41	32.91	8.91	8.06	7.5	3.43	99.6
944	11/14/2009 8:01	11.00	50.15	32.71	8.97	8.11	7.6	3.53	100.1
945	11/14/2009 8:16	10.99	50.47	32.94	8.97	8.07	6.1	3.62	100.2
946	11/14/2009 8:31	10.97	50.50	32.96	8.97	8.20	5.9	3.69	100.2
947	11/14/2009 8:46	10.95	50.44	32.92	8.98	7.99	5.1	3.77	100.2
948	11/14/2009 9:01	10.96	50.52	32.98	8.96	7.78	4.6	3.82	100.0
949	11/14/2009 9:16	10.97	50.51	32.97	8.97	8.02	4.0	3.89	100.2
950	11/14/2009 9:31	10.57	50.40	32.87	8.80	8.09	2.3	3.90	97.4
951	11/14/2009 9:46	10.90	50.32	32.83	8.89	7.92	3.4	3.92	99.0
952	11/14/2009 10:01	10.81	50.46	32.93	8.86	8.20	3.0	3.91	98.6
953	11/14/2009 10:16	10.85	50.41	32.90	8.96	7.93	3.7	3.85	99.7
954	11/14/2009 10:31	10.98	50.48	32.95	9.08	8.03	3.7	3.80	101.4
955	11/14/2009 10:46	11.08	50.44	32.93	9.39	8.09	4.2	3.71	105.1
956	11/14/2009 11:01	11.05	50.34	32.85	9.33	8.09	4.8	3.61	104.3
957	11/14/2009 11:16	11.03	50.41	32.90	9.30	8.04	5.1	3.50	103.9
958	11/14/2009 11:31	11.02	50.39	32.89	9.30	8.22	4.8	3.38	103.9
959	11/14/2009 11:46	11.02	50.36	32.87	9.25	8.32	5.8	3.27	103.3
960	11/14/2009 12:01	11.03	50.33	32.85	9.27	8.05	4.9	3.16	103.6
961	11/14/2009 12:16	11.05	50.28	32.81	9.41	8.09	4.7	3.04	105.2
962	11/14/2009 12:31	11.06	50.26	32.79	9.53	7.82	4.1	2.92	106.5
963	11/14/2009 12:46	11.07	50.22	32.77	9.72	8.11	4.3	2.79	108.6
964	11/14/2009 13:01	11.09	50.20	32.75	9.93	8.07	4.2	2.66	111.0
965	11/14/2009 13:16	11.18	50.23	32.78	10.21	8.39	4.5	2.53	114.4
966	11/14/2009 13:31	11.30	50.02	32.64	10.21	8.16	4.6	2.38	114.5
967	11/14/2009 13:46	11.33	50.24	32.80	10.28	8.17	4.9	2.24	115.6
968	11/14/2009 14:01	11.38	50.24	32.80	10.18	8.40	5.4	2.09	114.6
969	11/14/2009 14:16	11.38	49.78	32.46	10.11	8.20	5.6	1.95	113.5
970	11/14/2009 14:31	11.38	50.21	32.78	10.01	8.13	5.9	1.80	112.7
971	11/14/2009 14:46	11.35	50.01	32.63	9.95	8.19	6.5	1.67	111.8
972	11/14/2009 15:01	11.35	50.19	32.76	9.89	8.11	5.8	1.54	111.2
973	11/14/2009 15:16	11.35	50.18	32.75	9.91	7.88	5.6	1.42	111.4
974	11/14/2009 15:31	11.34	50.16	32.74	9.95	7.89	4.9	1.33	111.9
975	11/14/2009 15:46	11.34	50.16	32.74	9.98	8.29	5.0	1.27	112.2
976	11/14/2009 16:01	11.34	50.15	32.73	9.94	8.30	4.2	1.21	111.7
977	11/14/2009 16:16	11.38	50.18	32.76	10.13	8.41	5.4	1.20	114.0
978	11/14/2009 16:31	11.36	50.18	32.75	10.06	8.30	4.6	1.23	113.2
979	11/14/2009 16:46	11.37	50.19	32.76	10.09	7.90	4.8	1.27	113.5
980	11/14/2009 17:01	11.34	50.17	32.74	10.02	8.40	4.9	1.34	112.7
981	11/14/2009 17:16	11.30	50.15	32.73	9.97	8.39	5.0	1.42	112.0
982	11/14/2009 17:31	11.21	50.10	32.69	9.89	8.08	4.8	1.51	110.9
983	11/14/2009 17:46	11.19	50.12	32.70	9.87	7.87	4.9	1.61	110.5
984	11/14/2009 18:01	10.77	49.84	32.48	9.83	8.14	5.6	1.69	109.0
985	11/14/2009 18:16	10.81	49.86	32.49	9.80	8.28	5.4	1.77	108.8
986	11/14/2009 18:31	10.96	49.99	32.59	9.86	8.10	5.1	1.88	109.8
987	11/14/2009 18:46	10.97	49.85	32.49	9.86	8.15	4.3	1.97	109.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
988	11/14/2009 19:01	11.00	49.70	32.39	9.85	8.01	4.3	2.05	109.7
989	11/14/2009 19:16	11.00	50.05	32.64	9.80	8.10	4.0	2.17	109.3
990	11/14/2009 19:31	10.98	50.06	32.64	9.76	8.14	3.8	2.27	108.8
991	11/14/2009 19:46	10.96	50.05	32.64	9.69	8.14	4.0	2.37	108.0
992	11/14/2009 20:01	10.98	50.06	32.64	9.55	8.07	4.3	2.47	106.4
993	11/14/2009 20:16	11.04	50.09	32.67	9.38	8.11	4.6	2.56	104.7
994	11/14/2009 20:31	11.08	50.11	32.69	9.32	7.81	4.2	2.66	104.2
995	11/14/2009 20:46	11.07	50.12	32.70	9.32	8.05	4.2	2.75	104.1
996	11/14/2009 21:01	11.10	50.13	32.70	9.26	8.10	4.6	2.82	103.5
997	11/14/2009 21:16	11.10	50.08	32.67	9.24	8.13	4.6	2.91	103.3
998	11/14/2009 21:31	11.10	50.14	32.71	9.23	8.01	5.0	2.97	103.2
999	11/14/2009 21:46	11.09	50.22	32.77	9.20	8.32	5.4	3.04	102.8
1000	11/14/2009 22:01	11.08	50.30	32.82	9.20	8.08	5.1	3.09	103.0
1001	11/14/2009 22:16	11.07	50.34	32.85	9.19	7.80	4.7	3.15	102.8
1002	11/14/2009 22:31	11.06	50.36	32.87	9.22	8.31	4.9	3.21	103.1
1003	11/14/2009 22:46	11.05	50.38	32.88	9.18	8.03	4.2	3.22	102.7
1004	11/14/2009 23:01	11.04	49.81	32.47	9.09	8.21	2.3	3.26	101.4
1005	11/14/2009 23:16	10.99	50.30	32.82	9.05	8.08	2.7	3.27	101.0
1006	11/14/2009 23:31	11.02	50.31	32.83	9.08	8.08	3.4	3.26	101.4
1007	11/14/2009 23:46	11.02	50.35	32.86	9.10	7.79	3.1	3.21	101.7
1008	11/15/2009 0:01	10.94	50.30	32.82	9.06	8.21	3.7	3.16	101.0
1009	11/15/2009 0:16	10.69	50.23	32.75	8.87	8.20	3.9	3.10	98.4
1010	11/15/2009 0:31	10.48	50.14	32.68	8.76	7.98	3.1	3.03	96.6
1011	11/15/2009 0:46	10.38	50.22	32.73	8.69	7.76	3.2	2.93	95.7
1012	11/15/2009 1:01	10.38	50.20	32.71	8.74	8.31	2.9	2.85	96.2
1013	11/15/2009 1:16	10.45	50.18	32.70	8.87	8.07	3.3	2.77	97.8
1014	11/15/2009 1:31	10.53	50.18	32.71	8.85	8.31	2.7	2.69	97.7
1015	11/15/2009 1:46	10.59	50.18	32.71	8.89	8.02	2.7	2.61	98.4
1016	11/15/2009 2:01	10.61	50.20	32.72	8.86	8.30	2.8	2.53	98.0
1017	11/15/2009 2:16	10.58	50.10	32.65	8.91	8.11	3.0	2.47	98.5
1018	11/15/2009 2:31	10.57	50.21	32.73	8.86	7.77	2.8	2.40	98.0
1019	11/15/2009 2:46	10.55	50.21	32.73	8.88	7.92	2.5	2.32	98.2
1020	11/15/2009 3:01	10.50	50.20	32.72	8.86	8.11	2.4	2.26	97.8
1021	11/15/2009 3:16	10.45	50.23	32.74	8.90	8.02	2.5	2.24	98.1
1022	11/15/2009 3:31	10.52	50.17	32.69	8.95	8.08	2.4	2.20	98.9
1023	11/15/2009 3:46	10.55	50.16	32.69	8.97	8.33	2.4	2.17	99.1
1024	11/15/2009 4:01	10.48	50.20	32.71	8.99	8.09	2.4	2.16	99.2
1025	11/15/2009 4:16	10.49	50.16	32.69	9.04	8.04	2.6	2.20	99.8
1026	11/15/2009 4:31	10.51	50.15	32.68	9.10	7.79	2.4	2.23	100.5
1027	11/15/2009 4:46	10.56	50.13	32.67	9.15	8.10	2.6	2.26	101.1
1028	11/15/2009 5:01	10.54	50.13	32.67	9.17	8.10	2.9	2.33	101.3
1029	11/15/2009 5:16	10.57	50.14	32.68	9.15	8.04	3.7	2.42	101.2
1030	11/15/2009 5:31	10.36	50.03	32.59	9.18	8.10	3.9	2.48	100.9
1031	11/15/2009 5:46	10.49	50.13	32.66	9.07	8.09	3.7	2.56	100.1
1032	11/15/2009 6:01	10.53	50.16	32.69	9.00	8.08	3.0	2.65	99.4
1033	11/15/2009 6:16	10.55	50.17	32.70	9.00	8.03	3.5	2.73	99.5
1034	11/15/2009 6:31	10.58	50.18	32.71	9.04	8.03	3.5	2.81	99.9
1035	11/15/2009 6:46	10.70	50.23	32.75	9.07	8.32	3.6	2.89	100.6
1036	11/15/2009 7:01	10.80	50.26	32.78	9.12	8.00	4.1	2.97	101.3
1037	11/15/2009 7:16	10.84	50.27	32.79	9.14	8.13	4.7	3.05	101.7
1038	11/15/2009 7:31	10.86	50.35	32.85	9.17	8.00	5.4	3.15	102.2
1039	11/15/2009 7:46	10.87	50.38	32.87	9.19	8.08	6.4	3.23	102.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1040	11/15/2009 8:01	10.89	50.41	32.89	9.21	8.08	6.6	3.33	102.6
1041	11/15/2009 8:16	10.87	50.44	32.91	9.26	8.03	7.5	3.43	103.1
1042	11/15/2009 8:31	10.87	50.47	32.94	9.27	8.22	8.2	3.52	103.3
1043	11/15/2009 8:46	10.86	50.49	32.95	9.28	8.32	8.7	3.60	103.3
1044	11/15/2009 9:01	10.89	50.51	32.97	9.28	8.22	9.0	3.69	103.5
1045	11/15/2009 9:16	10.87	50.52	32.97	9.25	7.94	7.6	3.77	103.1
1046	11/15/2009 9:31	10.87	50.53	32.98	9.20	8.32	8.1	3.83	102.6
1047	11/15/2009 9:46	10.88	50.52	32.98	9.17	7.79	5.1	3.88	102.2
1048	11/15/2009 10:01	10.89	50.52	32.98	9.16	8.22	4.3	3.92	102.2
1049	11/15/2009 10:16	10.71	50.57	33.00	9.06	7.93	3.2	3.94	100.6
1050	11/15/2009 10:31	10.70	50.45	32.91	9.07	7.93	4.5	3.93	100.6
1051	11/15/2009 10:46	10.69	50.46	32.92	9.15	8.32	2.9	3.91	101.6
1052	11/15/2009 11:01	10.88	50.47	32.94	9.37	8.32	6.5	3.86	104.4
1053	11/15/2009 11:16	11.00	50.48	32.95	9.51	8.34	4.8	3.78	106.3
1054	11/15/2009 11:31	11.03	50.47	32.95	9.70	7.83	4.9	3.70	108.4
1055	11/15/2009 11:46	11.08	50.45	32.94	9.87	8.13	4.3	3.59	110.5
1056	11/15/2009 12:01	11.06	50.43	32.92	9.72	8.12	5.7	3.47	108.8
1057	11/15/2009 12:16	10.97	50.43	32.91	9.63	7.83	6.1	3.35	107.5
1058	11/15/2009 12:31	10.98	50.38	32.88	9.64	7.83	6.7	3.23	107.6
1059	11/15/2009 12:46	10.95	50.32	32.83	9.64	8.04	6.0	3.10	107.5
1060	11/15/2009 13:01	10.97	50.27	32.80	9.69	8.16	5.4	2.97	108.1
1061	11/15/2009 13:16	10.94	50.26	32.79	9.86	8.36	5.1	2.82	109.9
1062	11/15/2009 13:31	10.98	50.23	32.77	9.95	7.86	4.3	2.69	111.0
1063	11/15/2009 13:46	11.11	50.26	32.80	10.12	8.10	4.5	2.55	113.2
1064	11/15/2009 14:01	11.21	50.21	32.77	10.47	8.22	4.0	2.39	117.4
1065	11/15/2009 14:16	11.31	50.28	32.83	10.54	8.14	4.7	2.25	118.5
1066	11/15/2009 14:31	11.34	50.26	32.81	10.56	8.11	4.9	2.10	118.8
1067	11/15/2009 14:46	11.40	50.22	32.79	10.57	8.19	4.3	1.94	118.9
1068	11/15/2009 15:01	11.39	50.25	32.80	10.41	8.19	3.8	1.78	117.2
1069	11/15/2009 15:16	11.38	50.24	32.80	10.28	8.18	3.7	1.63	115.7
1070	11/15/2009 15:31	11.37	50.17	32.75	10.29	8.11	3.5	1.50	115.8
1071	11/15/2009 15:46	11.35	50.20	32.77	10.25	8.18	3.1	1.36	115.2
1072	11/15/2009 16:01	11.37	50.17	32.75	10.40	8.20	8.1	1.23	117.0
1073	11/15/2009 16:16	11.34	50.17	32.74	10.39	8.20	9.7	1.15	116.8
1074	11/15/2009 16:31	11.38	50.16	32.74	10.44	8.44	11.3	1.10	117.5
1075	11/15/2009 16:46	11.38	50.19	32.76	10.47	7.93	6.8	1.07	117.8
1076	11/15/2009 17:01	11.29	50.15	32.73	10.40	8.42	4.8	1.11	116.8
1077	11/15/2009 17:16	11.26	50.17	32.74	10.36	7.91	4.1	1.18	116.2
1078	11/15/2009 17:31	11.11	50.11	32.69	10.32	8.19	4.6	1.25	115.4
1079	11/15/2009 17:46	11.09	50.11	32.69	10.28	8.42	4.5	1.33	114.9
1080	11/15/2009 18:01	11.07	50.11	32.69	10.27	8.05	4.0	1.41	114.7
1081	11/15/2009 18:16	11.09	50.09	32.67	10.20	8.32	3.9	1.48	114.0
1082	11/15/2009 18:31	10.50	49.78	32.41	10.07	8.40	5.1	1.57	110.9
1083	11/15/2009 18:46	10.63	49.86	32.48	10.06	7.87	4.6	1.63	111.2
1084	11/15/2009 19:01	10.65	49.88	32.49	10.11	8.09	4.0	1.71	111.8
1085	11/15/2009 19:16	10.78	50.00	32.59	10.14	8.17	4.0	1.81	112.5
1086	11/15/2009 19:31	10.83	50.05	32.63	10.11	8.17	4.3	1.91	112.3
1087	11/15/2009 19:46	10.84	50.06	32.64	10.10	8.40	3.9	1.99	112.2
1088	11/15/2009 20:01	10.81	50.05	32.63	10.06	8.30	3.8	2.11	111.7
1089	11/15/2009 20:16	10.76	50.04	32.62	10.02	8.40	4.3	2.24	111.2
1090	11/15/2009 20:31	10.80	50.08	32.65	9.88	8.10	4.5	2.33	109.7
1091	11/15/2009 20:46	10.87	50.09	32.66	9.72	7.85	4.6	2.44	108.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1092	11/15/2009 21:01	10.91	50.11	32.68	9.65	8.27	4.7	2.55	107.4
1093	11/15/2009 21:16	10.91	50.12	32.69	9.61	8.36	5.0	2.64	107.0
1094	11/15/2009 21:31	10.94	50.14	32.70	9.56	8.13	5.6	2.73	106.5
1095	11/15/2009 21:46	10.98	50.16	32.72	9.50	8.35	5.4	2.81	105.9
1096	11/15/2009 22:01	10.99	50.19	32.74	9.47	8.35	5.3	2.89	105.7
1097	11/15/2009 22:16	11.01	50.23	32.77	9.45	8.11	6.3	2.97	105.5
1098	11/15/2009 22:31	11.00	50.34	32.85	9.32	8.05	6.7	3.05	104.0
1099	11/15/2009 22:46	10.99	50.38	32.88	9.27	8.10	6.3	3.11	103.5
1100	11/15/2009 23:01	10.98	50.41	32.90	9.23	8.04	6.3	3.17	103.0
1101	11/15/2009 23:16	10.97	49.91	32.54	9.24	8.01	5.8	3.23	103.0
1102	11/15/2009 23:31	10.96	50.43	32.91	9.20	8.01	4.9	3.27	102.7
1103	11/15/2009 23:46	10.91	50.40	32.89	9.13	8.09	3.7	3.31	101.8
1104	11/16/2009 0:01	10.75	50.31	32.82	9.09	8.14	3.2	3.31	100.9
1105	11/16/2009 0:16	10.89	50.37	32.86	9.13	8.04	4.1	3.30	101.7
1106	11/16/2009 0:31	10.90	50.37	32.87	9.12	8.09	3.2	3.29	101.6
1107	11/16/2009 0:46	10.90	50.40	32.89	9.12	8.04	3.5	3.23	101.6
1108	11/16/2009 1:01	10.58	50.27	32.77	9.02	8.03	4.8	3.16	99.8
1109	11/16/2009 1:16	10.20	50.23	32.72	8.90	8.31	3.4	3.10	97.6
1110	11/16/2009 1:31	10.19	50.25	32.73	8.89	7.99	4.0	3.02	97.5
1111	11/16/2009 1:46	10.26	50.24	32.73	8.93	8.03	3.4	2.94	98.1
1112	11/16/2009 2:01	10.17	50.24	32.73	9.01	8.32	3.4	2.86	98.7
1113	11/16/2009 2:16	10.25	49.65	32.31	9.00	8.13	3.2	2.78	98.6
1114	11/16/2009 2:31	10.36	50.21	32.72	9.05	8.01	2.8	2.70	99.6
1115	11/16/2009 2:46	10.43	50.22	32.73	9.07	8.01	2.8	2.64	100.0
1116	11/16/2009 3:01	10.46	50.23	32.73	9.10	8.01	2.7	2.55	100.4
1117	11/16/2009 3:16	10.43	50.25	32.75	9.04	8.03	2.7	2.48	99.7
1118	11/16/2009 3:31	10.41	50.26	32.76	9.01	8.32	2.9	2.45	99.2
1119	11/16/2009 3:46	10.40	50.24	32.74	9.06	8.23	2.9	2.38	99.8
1120	11/16/2009 4:01	10.39	50.25	32.75	9.08	8.04	2.7	2.33	100.0
1121	11/16/2009 4:16	10.39	50.23	32.73	9.08	8.33	2.5	2.30	100.0
1122	11/16/2009 4:31	10.40	49.83	32.44	9.19	8.02	2.3	2.29	101.0
1123	11/16/2009 4:46	10.37	50.21	32.72	9.18	8.06	2.7	2.29	101.1
1124	11/16/2009 5:01	10.40	50.20	32.71	9.24	8.25	2.4	2.28	101.8
1125	11/16/2009 5:16	10.40	50.19	32.71	9.28	8.06	2.4	2.32	102.2
1126	11/16/2009 5:31	10.44	49.80	32.43	9.36	8.17	2.6	2.37	103.0
1127	11/16/2009 5:46	10.47	50.18	32.70	9.33	8.12	2.9	2.42	102.9
1128	11/16/2009 6:01	10.48	50.19	32.71	9.29	8.12	3.4	2.48	102.6
1129	11/16/2009 6:16	10.47	50.18	32.70	9.28	8.11	3.8	2.57	102.3
1130	11/16/2009 6:31	10.44	50.21	32.72	9.21	7.80	4.4	2.64	101.5
1131	11/16/2009 6:46	10.43	50.23	32.74	9.17	8.10	4.6	2.72	101.1
1132	11/16/2009 7:01	10.47	50.25	32.75	9.18	8.01	3.7	2.79	101.3
1133	11/16/2009 7:16	10.56	50.28	32.78	9.19	8.01	3.4	2.87	101.6
1134	11/16/2009 7:31	10.66	50.33	32.82	9.19	8.10	4.5	2.96	101.8
1135	11/16/2009 7:46	10.75	50.33	32.83	9.17	8.01	4.9	3.04	101.8
1136	11/16/2009 8:01	10.81	50.40	32.88	9.12	8.14	5.5	3.14	101.5
1137	11/16/2009 8:16	10.84	50.45	32.92	9.07	8.04	6.2	3.22	101.0
1138	11/16/2009 8:31	10.84	50.48	32.94	9.01	8.32	7.1	3.32	100.3
1139	11/16/2009 8:46	10.84	50.53	32.98	8.95	8.03	7.3	3.41	99.7
1140	11/16/2009 9:01	10.81	50.56	33.00	8.87	8.02	7.7	3.49	98.7
1141	11/16/2009 9:16	10.74	50.63	33.05	8.75	8.21	9.0	3.60	97.3
1142	11/16/2009 9:31	10.70	50.66	33.07	8.65	8.01	8.5	3.68	96.1
1143	11/16/2009 9:46	10.66	50.68	33.08	8.61	8.20	7.1	3.74	95.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1144	11/16/2009 10:01	10.63	50.71	33.10	8.54	7.91	6.3	3.82	94.7
1145	11/16/2009 10:16	10.65	50.70	33.09	8.54	8.00	5.1	3.87	94.8
1146	11/16/2009 10:31	10.68	50.70	33.09	8.52	7.97	3.9	3.92	94.6
1147	11/16/2009 10:46	10.55	50.62	33.03	8.74	8.07	2.4	3.94	96.7
1148	11/16/2009 11:01	10.56	50.66	33.05	8.62	8.01	3.1	3.97	95.5
1149	11/16/2009 11:16	10.55	50.08	32.63	8.82	8.12	2.6	3.95	97.4
1150	11/16/2009 11:31	10.60	50.64	33.04	8.79	8.02	3.4	3.90	97.4
1151	11/16/2009 11:46	10.68	50.67	33.07	8.63	8.20	4.0	3.85	95.9
1152	11/16/2009 12:01	10.99	50.57	33.02	9.43	8.36	4.3	3.77	105.4
1153	11/16/2009 12:16	11.10	50.52	32.99	9.90	8.16	3.6	3.68	110.8
1154	11/16/2009 12:31	11.07	50.46	32.94	9.78	7.87	3.7	3.56	109.5
1155	11/16/2009 12:46	11.10	50.44	32.93	9.89	8.39	3.5	3.45	110.8
1156	11/16/2009 13:01	11.10	50.44	32.93	9.75	7.87	3.3	3.33	109.1
1157	11/16/2009 13:16	11.03	50.43	32.92	9.61	8.37	4.4	3.19	107.4
1158	11/16/2009 13:31	10.97	50.44	32.92	9.53	8.35	4.9	3.07	106.4
1159	11/16/2009 13:46	11.08	50.38	32.89	9.73	8.15	3.8	2.94	108.9
1160	11/16/2009 14:01	11.11	50.34	32.85	10.22	8.13	3.6	2.79	114.4
1161	11/16/2009 14:16	11.04	50.32	32.84	10.24	8.13	4.0	2.66	114.4
1162	11/16/2009 14:31	11.01	50.31	32.83	10.23	8.14	4.1	2.51	114.2
1163	11/16/2009 14:46	11.03	50.35	32.86	10.29	8.42	5.3	2.37	115.0
1164	11/16/2009 15:01	11.06	50.32	32.84	10.40	8.13	4.7	2.24	116.3
1165	11/16/2009 15:16	11.12	50.35	32.86	10.65	8.22	5.2	2.09	119.2
1166	11/16/2009 15:31	11.13	50.31	32.83	10.55	8.15	5.0	1.94	118.1
1167	11/16/2009 15:46	11.12	50.30	32.83	10.38	8.33	4.2	1.78	116.3
1168	11/16/2009 16:01	11.18	50.31	32.84	10.34	8.18	4.9	1.64	115.9
1169	11/16/2009 16:16	11.13	50.29	32.82	10.18	8.15	6.0	1.48	114.0
1170	11/16/2009 16:31	11.11	50.27	32.81	10.15	8.21	10.3	1.35	113.6
1171	11/16/2009 16:46	11.08	50.25	32.79	10.12	8.34	11.2	1.23	113.2
1172	11/16/2009 17:01	11.02	50.22	32.77	10.20	8.44	11.0	1.13	113.9
1173	11/16/2009 17:16	10.97	50.21	32.75	10.18	8.22	10.0	1.06	113.5
1174	11/16/2009 17:31	11.02	50.23	32.77	10.13	7.92	12.5	1.05	113.2
1175	11/16/2009 17:46	11.00	50.22	32.76	10.17	8.07	9.6	1.07	113.5
1176	11/16/2009 18:01	10.98	50.19	32.74	10.19	8.21	7.9	1.12	113.7
1177	11/16/2009 18:16	10.94	50.19	32.74	10.20	8.44	6.8	1.21	113.7
1178	11/16/2009 18:31	10.87	50.17	32.72	10.26	8.21	5.0	1.29	114.1
1179	11/16/2009 18:46	10.85	50.16	32.71	10.24	8.13	5.0	1.38	113.9
1180	11/16/2009 19:01	10.78	49.59	32.30	10.25	8.06	5.0	1.46	113.6
1181	11/16/2009 19:16	10.38	49.81	32.43	10.07	8.12	6.0	1.56	110.7
1182	11/16/2009 19:31	10.37	49.81	32.42	10.09	8.32	5.5	1.63	110.9
1183	11/16/2009 19:46	10.60	50.03	32.60	10.09	8.14	4.8	1.73	111.6
1184	11/16/2009 20:01	10.65	50.07	32.63	10.06	8.33	4.5	1.82	111.4
1185	11/16/2009 20:16	10.66	50.09	32.65	10.05	7.89	4.6	1.92	111.2
1186	11/16/2009 20:31	10.64	50.04	32.61	10.08	8.23	4.9	2.03	111.5
1187	11/16/2009 20:46	10.64	49.58	32.28	10.07	8.04	4.9	2.14	111.2
1188	11/16/2009 21:01	10.72	50.06	32.63	9.95	8.03	5.5	2.24	110.3
1189	11/16/2009 21:16	10.82	50.17	32.71	9.76	8.11	6.0	2.36	108.5
1190	11/16/2009 21:31	10.86	50.20	32.74	9.70	8.16	6.5	2.48	107.9
1191	11/16/2009 21:46	10.90	50.22	32.76	9.61	8.15	7.2	2.57	107.0
1192	11/16/2009 22:01	10.93	50.23	32.77	9.54	7.85	7.9	2.66	106.3
1193	11/16/2009 22:16	10.95	50.25	32.78	9.51	8.28	7.8	2.77	106.0
1194	11/16/2009 22:31	10.97	50.31	32.82	9.41	8.27	8.6	2.86	105.0
1195	11/16/2009 22:46	10.97	50.37	32.87	9.32	8.26	8.4	2.94	104.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1196	11/16/2009 23:01	10.95	50.46	32.94	9.16	7.96	7.9	3.01	102.2
1197	11/16/2009 23:16	10.95	50.50	32.96	9.12	8.33	7.6	3.09	101.8
1198	11/16/2009 23:31	10.96	50.51	32.97	9.13	8.24	6.4	3.16	101.9
1199	11/16/2009 23:46	10.98	50.52	32.98	9.12	7.81	6.2	3.22	101.9
1200	11/17/2009 0:01	10.97	50.53	32.98	9.09	8.05	5.2	3.28	101.5
1201	11/17/2009 0:16	10.97	50.53	32.98	9.06	8.24	4.5	3.33	101.1
1202	11/17/2009 0:31	10.97	50.52	32.98	9.03	8.33	3.7	3.36	100.9
1203	11/17/2009 0:46	10.96	50.52	32.98	9.01	8.33	3.5	3.38	100.6
1204	11/17/2009 1:01	10.83	50.41	32.89	8.97	8.11	2.6	3.37	99.8
1205	11/17/2009 1:16	10.94	50.46	32.93	8.95	8.10	3.2	3.34	99.9
1206	11/17/2009 1:31	10.92	50.48	32.95	8.95	8.33	3.7	3.31	99.8
1207	11/17/2009 1:46	10.91	49.89	32.52	9.00	8.14	4.2	3.24	100.1
1208	11/17/2009 2:01	10.89	50.49	32.95	8.97	8.01	4.9	3.17	100.0
1209	11/17/2009 2:16	10.91	50.52	32.98	8.98	8.32	6.5	3.09	100.1
1210	11/17/2009 2:31	10.89	50.50	32.96	8.96	8.23	8.5	3.01	99.9
1211	11/17/2009 2:46	10.88	50.48	32.94	8.97	7.95	11.8	2.92	100.0
1212	11/17/2009 3:01	10.87	50.47	32.94	8.97	7.80	11.5	2.83	99.9
1213	11/17/2009 3:16	10.85	50.45	32.92	8.98	8.10	13.9	2.76	100.0
1214	11/17/2009 3:31	10.82	50.36	32.85	8.99	8.15	16.1	2.69	100.0
1215	11/17/2009 3:46	10.78	50.37	32.86	8.99	8.11	17.5	2.62	99.9
1216	11/17/2009 4:01	10.79	50.32	32.82	9.00	8.02	19.5	2.58	100.0
1217	11/17/2009 4:16	10.80	50.33	32.83	9.00	8.11	18.3	2.53	100.1
1218	11/17/2009 4:31	10.80	50.30	32.81	9.00	8.05	18.0	2.49	100.0
1219	11/17/2009 4:46	10.80	50.31	32.81	8.98	7.82	14.7	2.48	99.8
1220	11/17/2009 5:01	10.79	50.27	32.79	8.98	8.03	14.6	2.45	99.8
1221	11/17/2009 5:16	10.78	50.20	32.73	8.98	8.16	11.6	2.43	99.7
1222	11/17/2009 5:31	10.78	50.27	32.79	9.03	8.03	12.5	2.45	100.4
1223	11/17/2009 5:46	10.79	49.91	32.52	9.06	8.03	12.0	2.46	100.5
1224	11/17/2009 6:01	10.79	50.21	32.74	9.04	7.96	12.0	2.49	100.4
1225	11/17/2009 6:16	10.80	50.29	32.80	9.01	8.34	10.8	2.52	100.1
1226	11/17/2009 6:31	10.80	50.29	32.80	9.01	8.33	9.9	2.59	100.1
1227	11/17/2009 6:46	10.81	50.32	32.82	9.00	8.05	10.3	2.65	100.1
1228	11/17/2009 7:01	10.83	50.31	32.82	8.99	8.02	9.2	2.70	100.0
1229	11/17/2009 7:16	10.85	50.36	32.86	8.96	7.80	7.8	2.76	99.7
1230	11/17/2009 7:31	10.86	50.39	32.88	8.94	8.04	7.2	2.85	99.5
1231	11/17/2009 7:46	10.88	50.41	32.90	8.99	8.23	6.2	2.93	100.2
1232	11/17/2009 8:01	10.90	49.92	32.54	8.98	8.01	5.6	3.00	99.9
1233	11/17/2009 8:16	10.94	50.38	32.88	8.97	8.33	5.2	3.09	100.1
1234	11/17/2009 8:31	10.94	50.33	32.84	9.00	8.24	6.0	3.17	100.4
1235	11/17/2009 8:46	10.97	50.35	32.85	8.99	8.05	5.8	3.25	100.4
1236	11/17/2009 9:01	11.00	50.35	32.86	8.97	8.05	5.7	3.34	100.2
1237	11/17/2009 9:16	11.04	50.37	32.87	8.94	8.02	5.1	3.43	100.0
1238	11/17/2009 9:31	11.07	50.39	32.89	8.90	7.81	5.3	3.50	99.5
1239	11/17/2009 9:46	11.10	50.34	32.86	8.86	8.11	4.3	3.59	99.1
1240	11/17/2009 10:01	11.17	50.34	32.86	8.80	8.03	3.6	3.66	98.7
1241	11/17/2009 10:16	11.20	50.33	32.86	8.78	8.24	3.3	3.74	98.4
1242	11/17/2009 10:31	11.26	50.33	32.86	8.73	8.25	3.2	3.80	98.1
1243	11/17/2009 10:46	11.32	50.31	32.84	8.71	8.06	2.6	3.86	97.9
1244	11/17/2009 11:01	11.34	50.28	32.83	8.71	8.16	2.0	3.91	97.9
1245	11/17/2009 11:16	11.34	50.24	32.79	8.63	8.12	2.0	3.93	97.1
1246	11/17/2009 11:31	11.09	50.16	32.73	8.64	8.32	2.3	3.95	96.6
1247	11/17/2009 11:46	11.26	50.23	32.78	8.65	8.24	2.4	3.93	97.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1248	11/17/2009 12:01	11.11	50.18	32.74	8.77	8.11	2.7	3.92	98.1
1249	11/17/2009 12:16	11.04	50.16	32.72	8.94	8.11	3.8	3.87	99.9
1250	11/17/2009 12:31	11.11	49.65	32.36	8.97	8.15	2.6	3.81	100.1
1251	11/17/2009 12:46	11.09	50.21	32.76	8.96	8.11	3.4	3.72	100.2
1252	11/17/2009 13:01	11.07	50.14	32.71	8.92	8.05	3.9	3.63	99.7
1253	11/17/2009 13:16	11.09	50.11	32.69	8.86	7.82	5.4	3.51	99.1
1254	11/17/2009 13:31	11.07	50.09	32.67	8.84	8.10	6.1	3.37	98.7
1255	11/17/2009 13:46	11.05	50.05	32.65	8.82	8.32	5.6	3.26	98.5
1256	11/17/2009 14:01	11.03	50.04	32.64	8.82	8.32	6.7	3.13	98.4
1257	11/17/2009 14:16	10.98	50.04	32.63	8.84	8.32	5.6	2.99	98.6
1258	11/17/2009 14:31	10.95	50.01	32.61	8.89	8.10	5.9	2.86	99.0
1259	11/17/2009 14:46	10.95	49.90	32.52	8.94	8.10	5.2	2.72	99.6
1260	11/17/2009 15:01	10.97	49.33	32.12	9.06	7.97	6.6	2.58	100.6
1261	11/17/2009 15:16	11.01	49.98	32.59	9.21	8.04	6.0	2.42	102.7
1262	11/17/2009 15:31	11.05	49.96	32.58	9.38	8.09	7.0	2.28	104.7
1263	11/17/2009 15:46	11.01	49.93	32.55	9.31	8.15	9.7	2.13	103.8
1264	11/17/2009 16:01	11.02	49.29	32.09	9.57	8.20	9.1	1.99	106.5
1265	11/17/2009 16:16	10.97	49.83	32.48	9.39	8.01	9.2	1.82	104.5
1266	11/17/2009 16:31	10.93	49.86	32.49	9.19	8.08	11.0	1.67	102.2
1267	11/17/2009 16:46	10.92	49.86	32.49	9.08	8.13	9.2	1.53	101.0
1268	11/17/2009 17:01	10.89	49.82	32.47	9.04	8.07	9.3	1.38	100.5
1269	11/17/2009 17:16	10.87	49.80	32.45	8.97	8.07	9.5	1.28	99.6
1270	11/17/2009 17:31	10.85	49.81	32.46	8.95	7.84	8.2	1.17	99.4
1271	11/17/2009 17:46	10.81	49.76	32.42	8.92	7.98	7.8	1.08	99.0
1272	11/17/2009 18:01	10.76	49.70	32.37	8.91	8.04	6.7	1.04	98.7
1273	11/17/2009 18:16	10.79	49.66	32.35	9.03	8.08	6.8	1.03	100.0
1274	11/17/2009 18:31	10.59	48.94	31.81	9.02	7.99	7.3	1.09	99.2
1275	11/17/2009 18:46	10.46	49.44	32.17	8.96	8.13	7.3	1.12	98.5
1276	11/17/2009 19:01	10.50	49.49	32.20	8.94	7.84	6.8	1.23	98.3
1277	11/17/2009 19:16	10.46	49.37	32.12	8.97	8.13	7.3	1.33	98.5
1278	11/17/2009 19:31	10.52	49.18	31.98	8.94	8.18	7.0	1.40	98.3
1279	11/17/2009 19:46	10.50	49.28	32.05	8.95	8.05	6.5	1.50	98.3
1280	11/17/2009 20:01	10.54	49.31	32.08	8.90	8.26	6.6	1.53	97.9
1281	11/17/2009 20:16	10.57	49.22	32.01	8.92	8.35	6.5	1.63	98.2
1282	11/17/2009 20:31	10.62	49.15	31.97	8.96	8.35	6.2	1.73	98.7
1283	11/17/2009 20:46	10.68	49.19	32.00	9.00	7.83	6.0	1.82	99.3
1284	11/17/2009 21:01	10.67	49.29	32.07	8.96	8.26	6.7	1.94	98.8
1285	11/17/2009 21:16	10.68	49.34	32.11	8.98	8.04	5.8	2.04	99.1
1286	11/17/2009 21:31	10.73	49.51	32.23	8.90	8.03	6.5	2.17	98.4
1287	11/17/2009 21:46	10.74	49.57	32.27	8.88	8.25	7.3	2.26	98.3
1288	11/17/2009 22:01	10.75	49.60	32.30	8.86	8.24	7.7	2.39	98.0
1289	11/17/2009 22:16	10.76	49.62	32.31	8.82	8.05	8.5	2.47	97.7
1290	11/17/2009 22:31	10.76	49.53	32.25	8.82	8.15	9.5	2.60	97.6
1291	11/17/2009 22:46	10.77	49.67	32.35	8.82	8.11	9.7	2.68	97.6
1292	11/17/2009 23:01	10.78	49.70	32.38	8.80	8.05	10.7	2.77	97.5
1293	11/17/2009 23:16	10.82	49.77	32.43	8.82	7.81	11.0	2.86	97.8
1294	11/17/2009 23:31	10.84	49.23	32.04	8.85	8.14	13.7	2.94	97.9
1295	11/17/2009 23:46	10.88	49.87	32.50	8.82	7.81	14.5	3.01	98.0
1296	11/18/2009 0:01	10.89	49.90	32.53	8.83	7.95	13.0	3.08	98.2
1297	11/18/2009 0:16	10.90	49.93	32.55	8.82	8.23	11.3	3.16	98.1
1298	11/18/2009 0:31	10.93	50.01	32.61	8.86	8.04	11.5	3.21	98.6
1299	11/18/2009 0:46	10.94	50.03	32.62	8.85	8.23	8.4	3.26	98.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1300	11/18/2009 1:01	10.95	49.71	32.39	8.91	8.14	7.3	3.32	99.1
1301	11/18/2009 1:16	10.91	49.48	32.22	8.82	7.95	4.7	3.34	98.0
1302	11/18/2009 1:31	10.87	49.97	32.57	8.72	7.80	3.7	3.36	97.0
1303	11/18/2009 1:46	10.88	49.52	32.25	8.82	8.13	4.9	3.34	97.8
1304	11/18/2009 2:01	10.86	50.01	32.60	8.77	8.04	5.5	3.34	97.5
1305	11/18/2009 2:16	10.85	49.43	32.18	8.82	7.95	5.0	3.30	97.8
1306	11/18/2009 2:31	10.50	49.31	32.08	8.57	7.92	6.8	3.23	94.2
1307	11/18/2009 2:46	10.53	49.85	32.47	8.53	7.99	7.1	3.16	94.0
1308	11/18/2009 3:01	10.31	49.79	32.41	8.39	8.01	14.0	3.10	92.0
1309	11/18/2009 3:16	10.44	49.22	32.00	8.53	8.11	5.3	3.04	93.6
1310	11/18/2009 3:31	10.48	49.80	32.43	8.51	8.30	4.8	2.96	93.7
1311	11/18/2009 3:46	10.47	49.19	31.98	8.53	8.11	4.2	2.90	93.7
1312	11/18/2009 4:01	10.44	49.30	32.06	8.52	7.93	4.3	2.83	93.5
1313	11/18/2009 4:16	10.39	49.19	31.98	8.48	8.20	3.7	2.77	92.9
1314	11/18/2009 4:31	10.37	49.71	32.36	8.43	8.07	4.0	2.71	92.5
1315	11/18/2009 4:46	10.39	49.72	32.37	8.45	8.21	4.0	2.64	92.9
1316	11/18/2009 5:01	10.32	49.69	32.34	8.39	7.77	4.0	2.62	92.1
1317	11/18/2009 5:16	10.33	49.08	31.89	8.43	8.11	3.7	2.58	92.2
1318	11/18/2009 5:31	10.34	49.64	32.30	8.44	8.07	3.6	2.55	92.6
1319	11/18/2009 5:46	10.33	49.66	32.32	8.39	7.78	3.7	2.51	92.0
1320	11/18/2009 6:01	10.33	49.64	32.30	8.43	8.30	3.5	2.49	92.4
1321	11/18/2009 6:16	10.33	49.62	32.29	8.44	8.08	3.7	2.50	92.5
1322	11/18/2009 6:31	10.30	49.65	32.31	8.50	8.30	3.8	2.52	93.2
1323	11/18/2009 6:46	10.31	49.65	32.31	8.51	7.78	4.0	2.54	93.3
1324	11/18/2009 7:01	10.36	49.65	32.31	8.54	8.03	4.0	2.57	93.8
1325	11/18/2009 7:16	10.35	49.67	32.33	8.54	8.21	5.0	2.62	93.7
1326	11/18/2009 7:31	10.41	49.63	32.30	8.58	8.03	5.7	2.67	94.3
1327	11/18/2009 7:46	10.25	49.53	32.22	8.58	7.79	6.3	2.75	93.9
1328	11/18/2009 8:01	10.36	49.67	32.32	8.60	8.21	6.3	2.83	94.4
1329	11/18/2009 8:16	10.41	49.72	32.36	8.60	8.00	5.2	2.91	94.5
1330	11/18/2009 8:31	10.45	49.74	32.38	8.60	8.03	5.1	2.97	94.7
1331	11/18/2009 8:46	10.60	49.87	32.49	8.69	8.04	5.8	3.04	96.0
1332	11/18/2009 9:01	10.72	49.97	32.57	8.77	7.80	5.2	3.11	97.2
1333	11/18/2009 9:16	10.75	49.99	32.58	8.80	8.31	5.7	3.19	97.6
1334	11/18/2009 9:31	10.79	50.00	32.59	8.83	8.13	5.9	3.28	98.0
1335	11/18/2009 9:46	10.82	50.09	32.66	8.85	8.09	6.5	3.35	98.3
1336	11/18/2009 10:01	10.83	49.52	32.25	8.88	8.13	6.0	3.44	98.5
1337	11/18/2009 10:16	10.86	49.54	32.26	8.92	7.95	6.0	3.51	98.9
1338	11/18/2009 10:31	10.88	50.11	32.68	8.92	7.95	7.3	3.59	99.3
1339	11/18/2009 10:46	10.90	50.20	32.74	8.92	8.09	6.3	3.66	99.3
1340	11/18/2009 11:01	10.91	50.22	32.76	8.91	8.01	6.1	3.71	99.2
1341	11/18/2009 11:16	10.91	50.24	32.77	8.88	8.32	5.1	3.78	98.9
Mean		11.78	50.16	32.76	9.05	8.07	4.1	2.71	102.6
Minimum		10.17	46.12	29.91	7.73	7.75	0.5	1.03	90.0
Maximum		13.81	50.82	33.18	10.65	8.44	22.3	4.10	120.8

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	11/18/2009 11:46	11.11	45.61	29.45	9.11	7.97		3.82	99.8
1	11/18/2009 12:01	11.03	45.57	29.41	9.28	8.01	1.8	3.81	101.5
2	11/18/2009 12:16	11.03	45.68	29.49	9.07	8.01	1.5	3.82	99.3
3	11/18/2009 12:31	11.10	45.81	29.59	9.01	7.92	2.5	3.80	98.8
4	11/18/2009 12:46	11.09	45.86	29.62	9.06	8.02	3.4	3.77	99.3
5	11/18/2009 13:01	11.12	45.94	29.68	9.06	8.02	2.7	3.72	99.5
6	11/18/2009 13:16	11.18	46.03	29.75	9.23	8.03	3.0	3.63	101.5
7	11/18/2009 13:31	11.25	46.03	29.76	9.52	8.05	3.8	3.53	104.8
8	11/18/2009 13:46	11.25	45.99	29.73	9.51	7.98	3.8	3.45	104.7
9	11/18/2009 14:01	11.18	46.14	29.83	9.32	8.04	4.5	3.35	102.6
10	11/18/2009 14:16	11.15	46.22	29.89	9.38	8.04	4.6	3.23	103.2
11	11/18/2009 14:31	11.16	46.19	29.87	9.31	8.03	5.2	3.11	102.4
12	11/18/2009 14:46	11.17	46.20	29.87	9.41	7.97	4.6	3.00	103.5
13	11/18/2009 15:01	11.15	46.26	29.91	9.47	8.05	5.1	2.86	104.2
14	11/18/2009 15:16	11.17	46.33	29.96	9.58	8.05	4.0	2.72	105.4
15	11/18/2009 15:31	11.14	46.34	29.97	9.55	8.06	4.0	2.60	105.1
16	11/18/2009 15:46	11.12	46.38	30.00	9.71	8.07	3.7	2.47	106.8
17	11/18/2009 16:01	11.17	46.40	30.01	9.86	8.02	3.1	2.32	108.5
18	11/18/2009 16:16	11.17	46.50	30.08	10.18	8.09	3.4	2.18	112.1
19	11/18/2009 16:31	11.19	46.46	30.06	9.94	8.02	4.3	2.04	109.5
20	11/18/2009 16:46	11.16	46.42	30.03	9.77	8.02	4.3	1.87	107.6
21	11/18/2009 17:01	11.13	46.56	30.13	9.78	8.08	3.9	1.73	107.6
22	11/18/2009 17:16	11.12	46.53	30.11	9.62	8.07	3.8	1.59	105.9
23	11/18/2009 17:31	11.08	46.51	30.09	9.57	8.07	4.4	1.47	105.2
24	11/18/2009 17:46	11.06	46.53	30.10	9.46	8.06	4.3	1.35	103.9
25	11/18/2009 18:01	11.01	46.50	30.08	9.44	8.06	4.2	1.24	103.6
26	11/18/2009 18:16	10.96	46.41	30.01	9.56	8.07	4.3	1.14	104.8
27	11/18/2009 18:31	10.93	46.44	30.03	9.59	8.00	3.9	1.08	105.0
28	11/18/2009 18:46	10.88	46.50	30.07	9.48	8.07	5.8	1.04	103.8
29	11/18/2009 19:01	10.86	46.50	30.07	9.49	8.07	3.7	1.09	103.9
30	11/18/2009 19:16	10.81	46.30	29.92	9.71	8.08	3.1	1.11	106.0
31	11/18/2009 19:31	10.81	46.35	29.96	9.71	8.01	2.8	1.18	106.0
32	11/18/2009 19:46	10.78	46.40	30.00	9.58	8.08	3.9	1.27	104.6
33	11/18/2009 20:01	10.76	46.39	29.99	9.76	8.08	4.4	1.36	106.4
34	11/18/2009 20:16	10.69	46.20	29.85	9.68	8.00	3.8	1.42	105.3
35	11/18/2009 20:31	10.64	45.86	29.60	9.66	8.00	3.9	1.49	104.8
36	11/18/2009 20:46	10.64	45.82	29.57	9.66	8.07	3.8	1.59	104.8
37	11/18/2009 21:01	10.68	45.77	29.54	9.58	8.06	3.7	1.66	104.0
38	11/18/2009 21:16	10.74	45.98	29.69	9.58	7.99	3.4	1.73	104.3
39	11/18/2009 21:31	10.75	45.94	29.67	9.60	7.98	3.4	1.85	104.5
40	11/18/2009 21:46	10.83	46.29	29.92	9.62	8.06	3.3	1.94	105.1
41	11/18/2009 22:01	10.83	46.29	29.92	9.70	8.06	3.2	2.04	105.9
42	11/18/2009 22:16	10.87	46.39	29.99	9.54	8.05	4.0	2.16	104.3
43	11/18/2009 22:31	10.90	46.39	30.00	9.41	8.04	4.6	2.25	103.0
44	11/18/2009 22:46	10.99	46.55	30.11	9.35	7.96	4.9	2.36	102.6
45	11/18/2009 23:01	11.01	46.68	30.21	9.29	8.03	5.3	2.46	102.0
46	11/18/2009 23:16	11.00	46.65	30.19	9.30	8.03	5.0	2.55	102.1
47	11/18/2009 23:31	11.00	46.71	30.23	9.25	7.95	5.2	2.65	101.6
48	11/18/2009 23:46	11.05	46.72	30.24	9.26	7.95	6.1	2.74	101.8
49	11/19/2009 0:01	11.06	46.83	30.32	9.23	7.95	6.4	2.81	101.5
50	11/19/2009 0:16	11.05	46.91	30.38	9.24	8.02	8.4	2.89	101.7
51	11/19/2009 0:31	11.05	46.97	30.42	9.41	8.02	8.1	2.96	103.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
52	11/19/2009 0:46	11.04	47.04	30.47	9.26	7.94	7.7	3.04	102.0
53	11/19/2009 1:01	11.04	47.11	30.52	9.28	8.01	7.0	3.10	102.2
54	11/19/2009 1:16	11.05	47.09	30.50	9.29	7.94	6.9	3.14	102.3
55	11/19/2009 1:31	11.11	47.24	30.62	9.34	8.01	5.4	3.20	103.1
56	11/19/2009 1:46	11.12	47.22	30.60	9.35	8.01	4.0	3.24	103.2
57	11/19/2009 2:01	11.13	47.28	30.64	9.31	8.01	2.8	3.27	102.8
58	11/19/2009 2:16	11.04	47.17	30.56	9.11	8.00	2.0	3.29	100.4
59	11/19/2009 2:31	11.10	47.25	30.62	9.23	8.00	2.0	3.27	101.9
60	11/19/2009 2:46	11.11	47.26	30.63	9.21	8.00	2.3	3.26	101.7
61	11/19/2009 3:01	11.09	47.26	30.63	9.26	8.00	3.6	3.20	102.2
62	11/19/2009 3:16	10.85	47.17	30.55	9.14	8.00	3.5	3.17	100.3
63	11/19/2009 3:31	10.48	46.95	30.37	8.88	7.91	3.3	3.09	96.5
64	11/19/2009 3:46	10.53	46.93	30.36	8.86	7.99	3.4	3.01	96.4
65	11/19/2009 4:01	10.65	47.00	30.42	8.92	7.92	3.6	2.94	97.3
66	11/19/2009 4:16	10.61	47.04	30.44	8.88	7.99	2.9	2.86	96.9
67	11/19/2009 4:31	10.57	46.97	30.40	8.90	7.99	2.9	2.79	97.0
68	11/19/2009 4:46	10.53	46.92	30.36	8.85	7.99	2.4	2.74	96.3
69	11/19/2009 5:01	10.47	46.90	30.34	8.84	7.91	2.3	2.68	96.0
70	11/19/2009 5:16	10.45	46.83	30.29	8.78	7.99	2.1	2.65	95.3
71	11/19/2009 5:31	10.43	46.89	30.32	8.77	7.99	2.1	2.61	95.2
72	11/19/2009 5:46	10.50	46.86	30.31	8.82	7.99	2.1	2.55	95.9
73	11/19/2009 6:01	10.44	46.84	30.30	8.72	7.98	2.1	2.57	94.7
74	11/19/2009 6:16	10.41	46.82	30.27	8.64	7.98	1.8	2.51	93.7
75	11/19/2009 6:31	10.40	46.78	30.25	8.82	7.99	1.8	2.51	95.7
76	11/19/2009 6:46	10.46	46.73	30.22	8.84	8.00	1.8	2.51	96.0
77	11/19/2009 7:01	10.44	46.81	30.27	8.80	8.00	1.8	2.52	95.5
78	11/19/2009 7:16	10.48	46.77	30.25	8.94	8.00	1.5	2.53	97.1
79	11/19/2009 7:31	10.55	46.83	30.29	8.98	7.93	1.6	2.58	97.7
80	11/19/2009 7:46	10.56	46.86	30.31	8.98	7.93	1.8	2.59	97.7
81	11/19/2009 8:01	10.60	46.92	30.36	9.01	8.00	2.4	2.66	98.2
82	11/19/2009 8:16	10.47	46.76	30.24	9.01	8.00	2.6	2.72	97.8
83	11/19/2009 8:31	10.57	46.88	30.33	9.02	7.93	2.2	2.76	98.3
84	11/19/2009 8:46	10.60	46.95	30.38	9.00	8.00	2.1	2.82	98.1
85	11/19/2009 9:01	10.63	46.98	30.41	9.02	8.00	2.3	2.90	98.4
86	11/19/2009 9:16	10.74	47.08	30.48	9.08	8.00	2.3	2.94	99.4
87	11/19/2009 9:31	10.88	47.21	30.58	9.19	8.00	2.6	3.02	100.9
88	11/19/2009 9:46	10.96	47.19	30.57	9.26	8.01	2.3	3.11	101.9
89	11/19/2009 10:01	11.01	47.30	30.65	9.28	8.01	2.3	3.15	102.2
90	11/19/2009 10:16	11.06	47.28	30.65	9.30	8.01	2.4	3.25	102.5
91	11/19/2009 10:31	11.12	47.38	30.72	9.31	8.01	2.6	3.31	102.8
92	11/19/2009 10:46	11.14	47.23	30.61	9.32	7.94	2.4	3.37	102.9
93	11/19/2009 11:01	11.18	47.42	30.75	9.30	8.01	2.5	3.47	102.9
94	11/19/2009 11:16	11.18	47.33	30.68	9.30	8.01	2.8	3.51	102.8
95	11/19/2009 11:31	11.20	47.39	30.73	9.29	7.94	2.4	3.57	102.8
96	11/19/2009 11:46	11.20	47.49	30.80	9.23	8.01	1.8	3.63	102.2
97	11/19/2009 12:01	11.20	47.46	30.78	9.18	7.94	1.5	3.67	101.6
98	11/19/2009 12:16	11.21	47.54	30.84	9.11	8.01	1.4	3.70	101.0
99	11/19/2009 12:31	11.25	47.52	30.82	9.05	8.00	1.5	3.73	100.3
100	11/19/2009 12:46	11.25	47.28	30.65	9.18	7.94	1.1	3.74	101.7
101	11/19/2009 13:01	11.22	47.51	30.81	8.96	7.98	1.0	3.71	99.3
102	11/19/2009 13:16	11.20	47.56	30.85	8.77	7.99	1.0	3.68	97.2
103	11/19/2009 13:31	11.20	47.51	30.82	9.04	8.00	1.3	3.64	100.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
104	11/19/2009 13:46	11.22	47.53	30.83	9.19	8.01	2.6	3.58	101.8
105	11/19/2009 14:01	11.33	47.42	30.76	9.56	8.03	2.9	3.51	106.1
106	11/19/2009 14:16	11.43	47.28	30.66	10.03	8.00	4.5	3.41	111.5
107	11/19/2009 14:31	11.52	47.25	30.64	10.39	8.03	2.7	3.32	115.7
108	11/19/2009 14:46	11.39	47.32	30.68	10.12	8.07	3.6	3.22	112.4
109	11/19/2009 15:01	11.41	47.22	30.62	10.16	8.07	4.1	3.09	112.9
110	11/19/2009 15:16	11.30	47.21	30.61	9.90	8.05	3.4	2.99	109.6
111	11/19/2009 15:31	11.26	47.12	30.54	9.92	8.05	3.2	2.88	109.7
112	11/19/2009 15:46	11.24	47.05	30.49	10.00	8.07	2.6	2.76	110.6
113	11/19/2009 16:01	11.20	46.94	30.40	10.00	7.99	2.4	2.63	110.5
114	11/19/2009 16:16	11.13	46.98	30.43	10.17	8.08	2.9	2.52	112.1
115	11/19/2009 16:31	11.06	46.97	30.42	10.15	8.08	3.6	2.40	111.8
116	11/19/2009 16:46	11.04	46.94	30.39	10.32	8.10	4.3	2.26	113.5
117	11/19/2009 17:01	11.04	46.94	30.40	10.29	8.10	4.2	2.13	113.2
118	11/19/2009 17:16	10.99	46.94	30.40	10.08	8.01	4.6	2.00	110.8
119	11/19/2009 17:31	10.97	46.92	30.38	9.95	8.07	4.5	1.86	109.3
120	11/19/2009 17:46	10.95	46.97	30.42	9.87	8.07	4.5	1.73	108.4
121	11/19/2009 18:01	10.94	46.95	30.40	9.81	8.07	4.5	1.60	107.7
122	11/19/2009 18:16	10.92	46.85	30.32	9.76	8.07	3.4	1.49	107.1
123	11/19/2009 18:31	10.89	46.84	30.32	9.77	7.99	3.5	1.39	107.1
124	11/19/2009 18:46	10.83	46.70	30.21	9.84	7.99	5.6	1.30	107.6
125	11/19/2009 19:01	10.82	46.76	30.26	9.85	8.07	3.7	1.22	107.8
126	11/19/2009 19:16	10.75	46.65	30.18	9.89	8.08	3.1	1.20	108.0
127	11/19/2009 19:31	10.51	46.62	30.14	9.90	7.99	3.2	1.22	107.5
128	11/19/2009 19:46	10.56	46.60	30.13	9.98	8.08	2.1	1.20	108.5
129	11/19/2009 20:01	10.53	46.51	30.06	10.05	8.00	2.0	1.24	109.1
130	11/19/2009 20:16	10.49	46.51	30.06	10.06	8.00	2.2	1.32	109.2
131	11/19/2009 20:31	10.46	46.47	30.03	10.11	8.01	2.3	1.38	109.6
132	11/19/2009 20:46	10.36	46.09	29.75	10.11	8.08	4.0	1.46	109.2
133	11/19/2009 21:01	10.40	45.93	29.64	10.03	8.07	2.7	1.53	108.3
134	11/19/2009 21:16	10.42	46.08	29.75	10.06	7.99	2.6	1.60	108.8
135	11/19/2009 21:31	10.47	46.03	29.71	10.02	7.99	3.1	1.70	108.5
136	11/19/2009 21:46	10.42	45.88	29.61	9.99	8.07	3.3	1.76	108.0
137	11/19/2009 22:01	10.47	45.98	29.68	10.02	8.07	3.1	1.84	108.4
138	11/19/2009 22:16	10.55	46.19	29.83	10.02	8.07	2.9	1.93	108.7
139	11/19/2009 22:31	10.63	46.29	29.91	9.99	8.07	2.9	2.03	108.6
140	11/19/2009 22:46	10.75	46.52	30.08	9.90	7.98	2.7	2.13	108.0
141	11/19/2009 23:01	10.89	46.74	30.25	9.74	8.06	3.6	2.22	106.7
142	11/19/2009 23:16	10.97	46.83	30.32	9.65	8.01	4.3	2.30	106.0
143	11/19/2009 23:31	10.99	46.88	30.35	9.64	8.05	4.5	2.39	105.9
144	11/19/2009 23:46	11.02	46.90	30.37	9.63	7.96	5.2	2.49	105.9
145	11/20/2009 0:01	11.03	46.88	30.35	9.61	7.96	4.6	2.57	105.7
146	11/20/2009 0:16	11.05	46.87	30.35	9.62	7.96	5.4	2.66	105.9
147	11/20/2009 0:31	11.08	47.01	30.45	9.60	7.96	6.1	2.74	105.8
148	11/20/2009 0:46	11.10	47.02	30.46	9.58	7.96	6.2	2.81	105.5
149	11/20/2009 1:01	11.12	47.17	30.56	9.54	8.03	5.7	2.88	105.2
150	11/20/2009 1:16	11.14	47.27	30.64	9.52	8.03	6.2	2.94	105.1
151	11/20/2009 1:31	11.14	47.28	30.65	9.50	8.03	5.4	3.01	105.0
152	11/20/2009 1:46	11.14	47.36	30.70	9.46	8.03	5.4	3.07	104.5
153	11/20/2009 2:01	11.15	47.37	30.71	9.43	8.03	4.5	3.13	104.3
154	11/20/2009 2:16	11.16	47.35	30.70	9.39	7.95	3.6	3.19	103.8
155	11/20/2009 2:31	11.17	47.14	30.55	9.40	7.95	2.9	3.23	103.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
156	11/20/2009 2:46	11.18	47.33	30.69	9.34	7.94	2.3	3.25	103.3
157	11/20/2009 3:01	11.10	47.39	30.72	9.20	8.02	2.3	3.25	101.6
158	11/20/2009 3:16	11.12	47.37	30.71	9.28	8.02	2.2	3.24	102.5
159	11/20/2009 3:31	11.13	47.34	30.69	9.27	8.02	2.6	3.22	102.5
160	11/20/2009 3:46	11.08	47.33	30.68	9.23	8.02	3.8	3.17	101.8
161	11/20/2009 4:01	10.91	47.15	30.54	9.22	8.01	3.8	3.14	101.2
162	11/20/2009 4:16	10.79	47.12	30.51	9.17	8.00	4.9	3.08	100.5
163	11/20/2009 4:31	10.98	47.20	30.58	9.19	7.93	3.9	3.01	101.1
164	11/20/2009 4:46	11.01	47.25	30.62	9.18	8.01	4.6	2.95	101.1
165	11/20/2009 5:01	11.00	47.21	30.59	9.25	8.02	5.3	2.89	101.8
166	11/20/2009 5:16	10.99	47.17	30.56	9.27	8.02	4.9	2.86	102.0
167	11/20/2009 5:31	10.95	47.15	30.54	9.27	8.02	5.6	2.78	102.0
168	11/20/2009 5:46	10.91	47.05	30.47	9.25	8.02	5.7	2.72	101.5
169	11/20/2009 6:01	10.89	46.98	30.42	9.24	8.02	5.6	2.69	101.4
170	11/20/2009 6:16	10.83	46.87	30.33	9.21	8.02	5.4	2.66	100.8
171	11/20/2009 6:31	10.79	46.78	30.27	9.11	8.02	4.8	2.65	99.6
172	11/20/2009 6:46	10.78	46.72	30.22	9.15	7.94	4.6	2.62	100.0
173	11/20/2009 7:01	10.78	46.70	30.21	8.93	8.01	4.5	2.59	97.6
174	11/20/2009 7:16	10.78	46.75	30.25	8.79	8.00	4.3	2.59	96.1
175	11/20/2009 7:31	10.81	46.83	30.30	8.93	8.01	3.5	2.61	97.8
176	11/20/2009 7:46	10.81	46.88	30.34	8.73	8.00	3.8	2.62	95.5
177	11/20/2009 8:01	10.91	46.95	30.40	9.12	8.02	3.6	2.62	100.1
178	11/20/2009 8:16	10.93	47.05	30.47	9.10	8.01	3.8	2.64	99.9
179	11/20/2009 8:31	10.90	46.94	30.39	9.13	8.02	3.9	2.65	100.2
180	11/20/2009 8:46	10.90	46.93	30.38	9.19	8.02	4.0	2.69	100.8
181	11/20/2009 9:01	10.91	46.97	30.41	9.21	8.02	3.8	2.73	101.1
182	11/20/2009 9:16	10.94	46.82	30.31	9.22	8.02	3.4	2.79	101.2
183	11/20/2009 9:31	10.96	46.96	30.41	9.23	7.94	3.5	2.82	101.4
184	11/20/2009 9:46	10.97	46.98	30.42	9.23	8.02	3.4	2.90	101.4
185	11/20/2009 10:01	10.99	47.10	30.51	9.24	8.02	3.2	2.96	101.6
186	11/20/2009 10:16	11.03	47.15	30.55	9.23	8.02	2.7	3.03	101.7
187	11/20/2009 10:31	11.04	47.06	30.48	9.26	8.02	2.6	3.11	101.9
188	11/20/2009 10:46	11.06	47.06	30.48	9.25	8.02	2.9	3.17	101.9
189	11/20/2009 11:01	11.07	47.01	30.45	9.26	8.02	3.0	3.24	102.0
190	11/20/2009 11:16	11.08	47.09	30.51	9.26	7.94	2.7	3.31	102.0
191	11/20/2009 11:31	11.11	47.00	30.45	9.28	7.94	2.6	3.38	102.3
192	11/20/2009 11:46	11.13	47.07	30.50	9.28	7.94	2.6	3.45	102.4
193	11/20/2009 12:01	11.15	47.25	30.62	9.27	8.02	2.0	3.48	102.5
194	11/20/2009 12:16	11.17	47.26	30.63	9.22	8.02	2.0	3.56	102.0
195	11/20/2009 12:31	11.18	47.30	30.66	9.22	8.02	1.8	3.60	102.0
196	11/20/2009 12:46	11.19	47.26	30.63	9.16	8.02	1.4	3.62	101.3
197	11/20/2009 13:01	11.18	47.12	30.53	9.09	7.93	1.6	3.64	100.4
198	11/20/2009 13:16	11.12	47.13	30.54	9.18	8.02	1.8	3.66	101.3
199	11/20/2009 13:31	11.16	47.24	30.62	9.11	8.01	1.3	3.66	100.7
200	11/20/2009 13:46	11.19	47.30	30.66	9.11	8.01	1.7	3.63	100.8
201	11/20/2009 14:01	11.16	47.23	30.61	9.16	8.02	2.2	3.61	101.2
202	11/20/2009 14:16	11.06	46.92	30.38	9.42	8.04	2.6	3.55	103.7
203	11/20/2009 14:31	11.05	46.93	30.39	9.55	8.04	3.2	3.47	105.1
204	11/20/2009 14:46	11.06	46.97	30.42	9.39	8.03	4.0	3.40	103.4
205	11/20/2009 15:01	11.06	46.98	30.43	9.34	8.03	4.0	3.31	102.8
206	11/20/2009 15:16	11.03	46.82	30.31	9.31	7.93	4.2	3.23	102.3
207	11/20/2009 15:31	11.00	46.83	30.32	9.28	7.93	4.5	3.12	102.0

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
208	11/20/2009 15:46	10.99	46.80	30.30	9.27	8.02	5.0	3.03	101.9
209	11/20/2009 16:01	10.96	46.81	30.30	9.23	8.02	4.5	2.94	101.4
210	11/20/2009 16:16	10.93	46.76	30.26	9.22	8.02	4.6	2.80	101.2
211	11/20/2009 16:31	10.88	46.65	30.18	9.20	7.93	4.3	2.71	100.8
212	11/20/2009 16:46	10.87	46.64	30.17	9.14	8.02	4.6	2.61	100.1
213	11/20/2009 17:01	10.88	46.75	30.25	9.21	8.02	4.8	2.48	100.9
214	11/20/2009 17:16	10.88	46.81	30.29	9.22	8.03	4.4	2.38	101.1
215	11/20/2009 17:31	10.84	46.81	30.29	9.20	8.03	5.1	2.25	100.7
216	11/20/2009 17:46	10.78	46.68	30.20	9.15	8.02	7.0	2.13	100.0
217	11/20/2009 18:01	10.71	46.56	30.11	9.09	7.92	8.1	2.01	99.1
218	11/20/2009 18:16	10.61	46.51	30.07	9.04	7.92	7.7	1.88	98.3
219	11/20/2009 18:31	10.57	46.43	30.00	9.00	7.96	8.2	1.76	97.8
220	11/20/2009 18:46	10.41	46.11	29.77	8.96	8.00	9.5	1.65	96.9
221	11/20/2009 19:01	10.35	46.03	29.71	8.95	8.00	8.1	1.55	96.6
222	11/20/2009 19:16	10.26	45.86	29.58	8.95	8.00	7.3	1.48	96.3
223	11/20/2009 19:31	10.17	45.75	29.50	8.93	8.00	7.1	1.41	95.9
224	11/20/2009 19:46	10.15	45.75	29.50	8.90	8.00	5.7	1.33	95.5
225	11/20/2009 20:01	10.11	45.66	29.43	8.84	8.00	5.9	1.33	94.8
226	11/20/2009 20:16	10.09	45.72	29.47	8.76	7.99	6.6	1.31	93.9
227	11/20/2009 20:31	10.20	45.81	29.54	8.88	8.00	6.7	1.33	95.4
228	11/20/2009 20:46	10.24	45.70	29.47	8.92	7.89	6.2	1.35	95.9
229	11/20/2009 21:01	10.23	45.91	29.62	8.92	8.00	6.0	1.42	95.9
230	11/20/2009 21:16	10.24	45.96	29.65	8.94	8.01	5.9	1.46	96.2
231	11/20/2009 21:31	10.29	45.97	29.66	8.95	8.01	6.5	1.56	96.4
232	11/20/2009 21:46	10.30	45.84	29.57	8.94	8.00	6.0	1.62	96.4
233	11/20/2009 22:01	10.21	45.14	29.06	9.04	8.00	5.6	1.70	96.9
234	11/20/2009 22:16	10.26	45.18	29.09	9.04	8.00	5.9	1.78	97.0
235	11/20/2009 22:31	10.26	45.13	29.06	9.03	8.00	5.7	1.86	96.9
236	11/20/2009 22:46	10.33	45.38	29.24	8.97	7.89	5.2	1.93	96.5
237	11/20/2009 23:01	10.36	45.51	29.34	8.99	8.00	5.7	2.03	96.8
238	11/20/2009 23:16	10.43	45.74	29.50	8.97	7.90	5.2	2.11	96.9
239	11/20/2009 23:31	10.52	45.79	29.54	9.00	7.91	5.4	2.19	97.4
240	11/20/2009 23:46	10.57	46.01	29.71	9.02	8.01	5.1	2.30	97.9
241	11/21/2009 0:01	10.63	45.97	29.68	9.08	8.02	5.4	2.38	98.5
242	11/21/2009 0:16	10.65	46.24	29.87	9.05	7.91	5.5	2.46	98.4
243	11/21/2009 0:31	10.63	46.27	29.90	9.05	8.01	6.3	2.54	98.4
244	11/21/2009 0:46	10.63	46.27	29.89	9.07	7.91	6.5	2.62	98.6
245	11/21/2009 1:01	10.66	46.27	29.89	9.07	7.91	6.4	2.71	98.6
246	11/21/2009 1:16	10.70	46.42	30.01	9.09	8.02	6.5	2.77	99.0
247	11/21/2009 1:31	10.72	46.47	30.04	9.09	8.02	6.7	2.83	99.1
248	11/21/2009 1:46	10.74	46.42	30.01	9.09	8.02	6.8	2.90	99.1
249	11/21/2009 2:01	10.77	46.57	30.12	9.13	7.92	6.5	2.96	99.7
250	11/21/2009 2:16	10.79	46.55	30.10	9.15	8.02	5.6	3.04	100.0
251	11/21/2009 2:31	10.81	46.70	30.21	9.17	8.02	5.9	3.09	100.2
252	11/21/2009 2:46	10.85	46.75	30.25	9.15	8.02	4.0	3.12	100.2
253	11/21/2009 3:01	10.86	46.76	30.26	9.12	7.92	2.9	3.17	99.9
254	11/21/2009 3:16	10.90	46.83	30.31	9.15	8.02	3.5	3.20	100.3
255	11/21/2009 3:31	10.93	46.85	30.33	9.06	7.92	2.7	3.19	99.5
256	11/21/2009 3:46	10.91	46.88	30.35	9.07	8.01	2.6	3.22	99.6
257	11/21/2009 4:01	10.93	46.94	30.39	9.06	8.01	2.9	3.19	99.5
258	11/21/2009 4:16	10.90	46.84	30.32	9.06	8.01	3.2	3.19	99.3
259	11/21/2009 4:31	10.83	46.81	30.29	9.09	8.02	4.8	3.12	99.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
260	11/21/2009 4:46	10.54	46.59	30.12	8.94	8.00	5.5	3.06	97.1
261	11/21/2009 5:01	10.53	46.48	30.04	8.90	8.00	3.9	3.02	96.7
262	11/21/2009 5:16	10.56	46.48	30.04	8.94	7.90	3.9	2.98	97.1
263	11/21/2009 5:31	10.47	46.42	29.99	8.86	8.00	5.2	2.90	96.0
264	11/21/2009 5:46	10.38	46.33	29.93	8.77	7.99	3.7	2.84	94.9
265	11/21/2009 6:01	10.21	46.31	29.90	8.65	7.98	3.3	2.80	93.2
266	11/21/2009 6:16	10.17	46.34	29.92	8.68	7.98	3.4	2.74	93.4
267	11/21/2009 6:31	10.01	46.33	29.91	8.64	7.98	3.3	2.70	92.7
268	11/21/2009 6:46	10.13	46.29	29.88	8.63	7.98	3.0	2.65	92.8
269	11/21/2009 7:01	10.16	46.25	29.85	8.65	7.99	3.8	2.62	93.1
270	11/21/2009 7:16	10.04	46.22	29.82	8.54	7.98	3.3	2.59	91.6
271	11/21/2009 7:31	10.03	46.20	29.81	8.48	7.98	3.2	2.58	91.0
272	11/21/2009 7:46	10.02	46.17	29.79	8.51	7.98	2.8	2.55	91.3
273	11/21/2009 8:01	10.04	46.12	29.75	8.49	7.98	2.7	2.54	91.1
274	11/21/2009 8:16	10.01	46.10	29.73	8.57	7.87	3.1	2.55	91.9
275	11/21/2009 8:31	10.08	46.16	29.78	8.75	7.99	3.2	2.56	93.9
276	11/21/2009 8:46	10.10	46.18	29.80	8.77	7.99	3.4	2.59	94.2
277	11/21/2009 9:01	10.20	46.21	29.83	8.78	7.99	3.4	2.61	94.6
278	11/21/2009 9:16	10.24	46.24	29.85	8.83	8.00	3.9	2.65	95.2
279	11/21/2009 9:31	10.29	46.30	29.90	8.82	8.00	3.5	2.67	95.2
280	11/21/2009 9:46	10.31	46.20	29.83	8.92	8.00	3.6	2.73	96.2
281	11/21/2009 10:01	10.29	46.19	29.82	8.92	8.00	3.5	2.77	96.2
282	11/21/2009 10:16	10.34	46.25	29.87	8.91	8.00	3.5	2.82	96.3
283	11/21/2009 10:31	10.40	46.33	29.92	8.94	7.89	3.4	2.88	96.8
284	11/21/2009 10:46	10.48	46.31	29.92	8.95	7.90	3.4	2.93	97.0
285	11/21/2009 11:01	10.65	46.53	30.09	8.97	7.90	3.7	2.99	97.7
286	11/21/2009 11:16	10.83	46.77	30.26	9.08	8.02	3.0	3.04	99.4
287	11/21/2009 11:31	10.93	46.78	30.28	9.10	8.02	2.8	3.10	99.9
288	11/21/2009 11:46	10.98	46.80	30.29	9.14	8.03	2.9	3.16	100.4
289	11/21/2009 12:01	11.00	46.85	30.33	9.15	8.02	2.5	3.19	100.6
290	11/21/2009 12:16	11.02	46.88	30.35	9.16	8.03	2.6	3.25	100.8
291	11/21/2009 12:31	11.08	46.84	30.33	9.19	8.03	2.7	3.31	101.1
292	11/21/2009 12:46	11.12	46.86	30.34	9.17	8.03	2.4	3.36	101.1
293	11/21/2009 13:01	11.15	46.82	30.31	9.18	7.93	2.3	3.38	101.2
294	11/21/2009 13:16	11.18	46.82	30.32	9.16	7.93	2.2	3.42	101.1
295	11/21/2009 13:31	11.20	46.92	30.39	9.13	8.03	2.0	3.45	100.8
296	11/21/2009 13:46	11.20	46.92	30.39	9.13	8.03	1.8	3.46	100.8
297	11/21/2009 14:01	11.18	46.79	30.30	9.14	7.93	2.0	3.47	100.8
298	11/21/2009 14:16	11.19	46.95	30.41	9.04	8.03	2.0	3.46	99.8
299	11/21/2009 14:31	11.19	46.98	30.44	9.07	8.03	2.3	3.44	100.2
300	11/21/2009 14:46	11.20	46.98	30.44	9.08	8.03	2.2	3.43	100.3
301	11/21/2009 15:01	11.19	46.99	30.44	9.12	8.03	2.7	3.37	100.7
302	11/21/2009 15:16	11.18	46.83	30.33	9.22	7.93	3.0	3.29	101.7
303	11/21/2009 15:31	11.15	46.84	30.33	9.43	8.05	4.3	3.24	104.0
304	11/21/2009 15:46	11.14	46.78	30.29	9.43	8.05	2.7	3.17	103.9
305	11/21/2009 16:01	11.11	46.70	30.23	9.61	8.06	3.6	3.07	105.8
306	11/21/2009 16:16	11.04	46.67	30.21	9.70	8.05	4.5	2.96	106.6
307	11/21/2009 16:31	10.97	46.53	30.10	9.70	8.06	3.3	2.89	106.4
308	11/21/2009 16:46	10.92	46.44	30.03	9.88	8.07	2.8	2.80	108.2
309	11/21/2009 17:01	10.85	46.31	29.93	10.02	8.08	2.7	2.69	109.5
310	11/21/2009 17:16	10.74	46.34	29.95	9.96	8.07	2.9	2.58	108.6
311	11/21/2009 17:31	10.67	46.20	29.85	9.97	8.08	3.1	2.47	108.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
312	11/21/2009 17:46	10.66	46.23	29.87	9.95	7.98	3.7	2.38	108.2
313	11/21/2009 18:01	10.58	46.17	29.82	9.70	7.95	4.3	2.28	105.2
314	11/21/2009 18:16	10.51	46.08	29.75	9.69	7.95	4.6	2.15	104.9
315	11/21/2009 18:31	10.39	45.99	29.68	9.69	8.06	5.4	2.04	104.7
316	11/21/2009 18:46	10.30	45.85	29.58	9.69	8.05	4.2	1.96	104.4
317	11/21/2009 19:01	10.26	45.81	29.54	9.67	8.05	5.8	1.84	104.1
318	11/21/2009 19:16	10.20	45.73	29.49	9.66	8.05	3.3	1.74	103.7
319	11/21/2009 19:31	10.17	45.69	29.46	9.62	8.05	3.2	1.67	103.3
320	11/21/2009 19:46	10.12	45.66	29.43	9.62	8.05	2.9	1.59	103.1
321	11/21/2009 20:01	10.08	45.59	29.38	9.60	8.04	2.8	1.51	102.8
322	11/21/2009 20:16	10.04	45.55	29.35	9.60	8.04	2.6	1.48	102.6
323	11/21/2009 20:31	10.03	45.65	29.42	9.59	8.04	2.6	1.43	102.6
324	11/21/2009 20:46	10.03	44.23	28.40	9.64	7.93	2.5	1.45	102.4
325	11/21/2009 21:01	10.15	44.56	28.65	9.63	7.93	2.4	1.45	102.8
326	11/21/2009 21:16	10.14	44.58	28.67	9.63	7.93	2.4	1.45	102.8
327	11/21/2009 21:31	10.15	44.60	28.68	9.64	8.04	2.4	1.50	102.9
328	11/21/2009 21:46	10.18	44.61	28.69	9.66	8.04	2.7	1.56	103.2
329	11/21/2009 22:01	10.20	44.44	28.56	9.64	8.04	2.6	1.61	103.0
330	11/21/2009 22:16	10.23	44.45	28.58	9.66	8.04	2.5	1.69	103.3
331	11/21/2009 22:31	10.25	44.35	28.51	9.68	8.04	2.9	1.75	103.4
332	11/21/2009 22:46	10.26	44.09	28.32	9.68	8.04	3.6	1.82	103.4
333	11/21/2009 23:01	10.30	44.12	28.34	9.66	8.04	3.1	1.90	103.3
334	11/21/2009 23:16	10.32	44.26	28.45	9.65	8.04	3.3	1.97	103.2
335	11/21/2009 23:31	10.33	44.14	28.36	9.66	8.04	3.1	2.06	103.3
336	11/21/2009 23:46	10.37	44.11	28.34	9.63	8.04	3.7	2.13	103.0
337	11/22/2009 0:01	10.50	44.53	28.65	9.52	8.04	3.5	2.20	102.4
338	11/22/2009 0:16	10.51	44.62	28.71	9.42	8.03	3.7	2.30	101.4
339	11/22/2009 0:31	10.51	44.54	28.65	9.35	8.02	4.0	2.37	100.6
340	11/22/2009 0:46	10.52	44.73	28.79	9.34	8.03	4.3	2.44	100.6
341	11/22/2009 1:01	10.56	44.98	28.97	9.36	8.03	4.4	2.52	101.0
342	11/22/2009 1:16	10.60	46.08	29.75	9.30	7.92	4.5	2.61	101.0
343	11/22/2009 1:31	10.66	46.11	29.78	9.30	7.92	4.9	2.67	101.1
344	11/22/2009 1:46	10.70	46.27	29.90	9.30	8.03	4.7	2.74	101.3
345	11/22/2009 2:01	10.74	46.39	29.99	9.30	8.03	5.6	2.83	101.4
346	11/22/2009 2:16	10.80	46.50	30.07	9.28	8.03	5.3	2.89	101.4
347	11/22/2009 2:31	10.86	46.55	30.11	9.28	8.04	5.4	2.96	101.5
348	11/22/2009 2:46	10.91	46.61	30.16	9.28	8.04	5.1	3.03	101.6
349	11/22/2009 3:01	10.93	46.63	30.17	9.26	8.04	4.6	3.08	101.6
350	11/22/2009 3:16	10.99	46.70	30.22	9.25	8.04	4.3	3.15	101.6
351	11/22/2009 3:31	11.03	46.77	30.28	9.24	8.04	3.5	3.21	101.5
352	11/22/2009 3:46	11.04	46.73	30.25	9.20	8.04	2.3	3.22	101.1
353	11/22/2009 4:01	11.05	46.77	30.27	9.13	8.04	1.8	3.24	100.4
354	11/22/2009 4:16	11.02	46.78	30.28	9.08	8.04	2.2	3.27	99.8
355	11/22/2009 4:31	10.99	46.71	30.23	9.06	8.03	2.0	3.25	99.5
356	11/22/2009 4:46	11.06	46.75	30.26	9.11	8.04	2.6	3.24	100.2
357	11/22/2009 5:01	10.98	46.48	30.06	9.16	7.93	3.3	3.20	100.4
358	11/22/2009 5:16	10.97	46.63	30.17	9.13	8.03	2.7	3.17	100.2
359	11/22/2009 5:31	10.91	46.49	30.06	9.13	8.03	2.6	3.14	100.0
360	11/22/2009 5:46	10.92	46.54	30.10	9.17	8.03	2.7	3.07	100.4
361	11/22/2009 6:01	10.88	46.55	30.11	9.16	8.03	2.7	3.00	100.2
362	11/22/2009 6:16	10.82	46.47	30.05	9.11	8.03	3.6	2.96	99.6
363	11/22/2009 6:31	10.78	46.43	30.02	9.10	8.02	2.7	2.90	99.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
364	11/22/2009 6:46	10.73	46.31	29.93	9.07	8.02	3.0	2.85	98.9
365	11/22/2009 7:01	10.68	46.21	29.86	9.04	8.02	2.7	2.82	98.4
366	11/22/2009 7:16	10.62	46.07	29.75	9.02	7.90	3.1	2.78	98.0
367	11/22/2009 7:31	10.56	46.05	29.73	8.94	8.01	2.7	2.75	97.0
368	11/22/2009 7:46	10.52	45.99	29.69	8.91	8.00	2.7	2.72	96.5
369	11/22/2009 8:01	10.47	45.95	29.66	8.84	8.00	2.6	2.69	95.6
370	11/22/2009 8:16	10.42	45.86	29.59	8.86	7.99	2.7	2.67	95.6
371	11/22/2009 8:31	10.39	45.83	29.56	8.86	8.00	2.4	2.67	95.6
372	11/22/2009 8:46	10.38	45.74	29.50	8.78	7.99	2.3	2.65	94.8
373	11/22/2009 9:01	10.48	45.87	29.60	8.72	8.00	2.1	2.64	94.4
374	11/22/2009 9:16	10.45	45.95	29.66	8.80	7.99	2.5	2.64	95.2
375	11/22/2009 9:31	10.46	45.83	29.57	8.89	8.00	2.4	2.65	96.1
376	11/22/2009 9:46	10.46	45.83	29.57	8.92	7.89	2.1	2.67	96.5
377	11/22/2009 10:01	10.59	46.02	29.71	8.92	8.01	2.4	2.69	96.8
378	11/22/2009 10:16	10.59	46.01	29.70	8.99	7.89	2.7	2.73	97.5
379	11/22/2009 10:31	10.62	46.02	29.72	8.96	7.89	2.7	2.76	97.3
380	11/22/2009 10:46	10.66	46.02	29.72	9.04	8.01	2.6	2.79	98.2
381	11/22/2009 11:01	10.66	46.07	29.75	9.02	8.01	2.3	2.84	98.0
382	11/22/2009 11:16	10.67	46.07	29.75	9.03	8.01	2.3	2.88	98.2
383	11/22/2009 11:31	10.70	46.16	29.82	9.03	8.01	2.5	2.92	98.3
384	11/22/2009 11:46	10.74	46.17	29.83	9.05	8.02	2.4	2.97	98.6
385	11/22/2009 12:01	10.81	46.25	29.89	9.08	7.91	2.3	3.03	99.1
386	11/22/2009 12:16	10.87	46.39	30.00	9.08	8.02	2.3	3.07	99.3
387	11/22/2009 12:31	10.93	46.43	30.02	9.11	8.03	2.1	3.11	99.8
388	11/22/2009 12:46	11.00	46.50	30.08	9.16	8.03	2.0	3.16	100.5
389	11/22/2009 13:01	11.05	46.60	30.15	9.17	8.04	1.7	3.19	100.8
390	11/22/2009 13:16	11.08	46.64	30.19	9.21	8.04	1.6	3.23	101.3
391	11/22/2009 13:31	11.10	46.64	30.19	9.18	8.04	1.9	3.27	101.0
392	11/22/2009 13:46	11.10	46.68	30.21	9.16	8.04	1.7	3.31	100.8
393	11/22/2009 14:01	11.11	46.62	30.17	9.15	7.93	1.7	3.33	100.7
394	11/22/2009 14:16	11.12	46.68	30.21	9.16	8.04	1.5	3.37	100.9
395	11/22/2009 14:31	11.12	46.67	30.21	9.14	8.04	1.6	3.38	100.6
396	11/22/2009 14:46	11.11	46.64	30.18	9.09	8.04	1.3	3.36	100.1
397	11/22/2009 15:01	11.10	46.68	30.21	9.02	8.03	1.7	3.33	99.3
398	11/22/2009 15:16	11.12	46.64	30.18	9.13	8.04	2.1	3.33	100.5
399	11/22/2009 15:31	11.10	46.61	30.16	9.12	8.04	1.8	3.27	100.3
400	11/22/2009 15:46	11.12	46.57	30.14	9.21	8.04	2.1	3.23	101.4
401	11/22/2009 16:01	11.20	46.47	30.07	9.39	8.05	1.8	3.18	103.5
402	11/22/2009 16:16	11.16	46.45	30.05	9.37	8.05	1.8	3.12	103.1
403	11/22/2009 16:31	11.18	46.22	29.89	9.64	7.96	2.3	3.06	106.1
404	11/22/2009 16:46	11.16	46.14	29.83	9.69	7.96	2.3	2.98	106.5
405	11/22/2009 17:01	11.13	46.29	29.94	9.81	8.07	2.1	2.92	107.8
406	11/22/2009 17:16	11.11	46.12	29.81	9.89	8.08	2.4	2.83	108.6
407	11/22/2009 17:31	11.09	46.20	29.87	9.92	8.08	2.4	2.76	108.9
408	11/22/2009 17:46	11.08	46.13	29.82	9.99	8.08	2.7	2.68	109.6
409	11/22/2009 18:01	11.04	45.88	29.64	10.01	7.97	2.6	2.61	109.6
410	11/22/2009 18:16	10.98	46.03	29.74	9.97	8.08	2.7	2.49	109.1
411	11/22/2009 18:31	10.91	45.89	29.63	9.89	7.96	2.9	2.40	108.0
412	11/22/2009 18:46	10.83	45.80	29.57	9.88	8.07	3.8	2.31	107.7
413	11/22/2009 19:01	10.78	45.54	29.38	9.96	7.97	3.2	2.23	108.3
414	11/22/2009 19:16	10.73	45.49	29.35	9.97	7.96	2.7	2.12	108.2
415	11/22/2009 19:31	10.68	45.38	29.26	9.96	7.96	3.1	2.02	108.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
416	11/22/2009 19:46	10.63	45.40	29.28	9.90	7.96	2.8	1.96	107.2
417	11/22/2009 20:01	10.58	45.37	29.25	9.87	8.07	2.7	1.88	106.8
418	11/22/2009 20:16	10.53	45.21	29.13	9.87	7.95	2.6	1.80	106.5
419	11/22/2009 20:31	10.51	45.26	29.17	9.85	8.06	2.5	1.73	106.3
420	11/22/2009 20:46	10.49	45.22	29.14	9.85	8.06	2.3	1.69	106.2
421	11/22/2009 21:01	10.47	45.24	29.15	9.88	8.06	2.5	1.65	106.5
422	11/22/2009 21:16	10.47	45.15	29.09	9.86	8.06	2.3	1.62	106.2
423	11/22/2009 21:31	10.42	45.15	29.09	9.83	7.95	2.3	1.60	105.9
424	11/22/2009 21:46	10.56	45.11	29.06	9.78	7.95	2.2	1.59	105.7
425	11/22/2009 22:01	10.65	45.32	29.22	9.76	7.94	2.2	1.63	105.7
426	11/22/2009 22:16	10.60	45.33	29.22	9.82	8.06	2.7	1.71	106.2
427	11/22/2009 22:31	10.59	45.33	29.22	9.81	8.06	2.6	1.70	106.1
428	11/22/2009 22:46	10.58	45.26	29.17	9.82	7.95	2.3	1.76	106.2
429	11/22/2009 23:01	10.61	44.94	28.95	9.85	8.06	2.6	1.84	106.4
430	11/22/2009 23:16	10.64	44.79	28.84	9.88	8.06	2.5	1.89	106.7
431	11/22/2009 23:31	10.67	44.81	28.86	9.86	7.95	2.4	1.95	106.6
432	11/22/2009 23:46	10.70	44.76	28.82	9.87	7.95	2.4	2.03	106.8
433	11/23/2009 0:01	10.71	44.74	28.81	9.88	8.06	2.4	2.11	106.8
434	11/23/2009 0:16	10.73	44.92	28.93	9.87	8.06	2.4	2.16	106.9
435	11/23/2009 0:31	10.77	45.01	29.00	9.86	8.06	2.4	2.24	106.9
436	11/23/2009 0:46	10.83	45.36	29.25	9.75	8.06	2.5	2.31	106.0
437	11/23/2009 1:01	10.83	45.38	29.27	9.63	8.05	2.4	2.37	104.7
438	11/23/2009 1:16	10.83	45.68	29.48	9.49	8.04	2.6	2.45	103.4
439	11/23/2009 1:31	10.82	45.71	29.50	9.40	8.03	2.9	2.53	102.4
440	11/23/2009 1:46	10.80	45.72	29.51	9.38	8.03	2.9	2.60	102.1
441	11/23/2009 2:01	10.74	45.61	29.43	9.45	7.92	3.1	2.68	102.7
442	11/23/2009 2:16	10.76	45.63	29.45	9.46	7.92	3.1	2.75	102.9
443	11/23/2009 2:31	10.79	45.77	29.54	9.45	7.92	3.5	2.82	102.8
444	11/23/2009 2:46	10.82	45.84	29.60	9.42	8.04	3.5	2.86	102.7
445	11/23/2009 3:01	10.85	45.95	29.68	9.43	8.04	3.1	2.93	102.9
446	11/23/2009 3:16	10.87	46.07	29.77	9.41	7.92	3.1	2.99	102.8
447	11/23/2009 3:31	10.90	46.11	29.80	9.40	8.04	3.2	3.02	102.7
448	11/23/2009 3:46	10.92	46.24	29.89	9.38	8.05	3.2	3.08	102.6
449	11/23/2009 4:01	10.93	46.34	29.96	9.35	8.05	2.9	3.14	102.4
450	11/23/2009 4:16	10.96	46.29	29.93	9.35	7.93	2.7	3.16	102.4
451	11/23/2009 4:31	10.98	46.41	30.01	9.33	7.93	2.8	3.21	102.2
452	11/23/2009 4:46	10.99	46.47	30.06	9.28	8.05	2.8	3.24	101.8
453	11/23/2009 5:01	11.01	46.34	29.96	9.28	7.93	2.0	3.25	101.8
454	11/23/2009 5:16	10.98	46.37	29.99	9.22	8.04	2.1	3.26	101.1
455	11/23/2009 5:31	11.01	46.49	30.07	9.18	8.04	3.9	3.26	100.8
456	11/23/2009 5:46	11.00	46.43	30.03	9.23	8.04	2.6	3.23	101.2
457	11/23/2009 6:01	10.97	46.43	30.03	9.24	8.04	2.6	3.18	101.3
458	11/23/2009 6:16	10.76	46.23	29.88	9.14	7.97	2.4	3.14	99.6
459	11/23/2009 6:31	10.73	46.12	29.79	9.20	8.03	2.4	3.09	100.1
460	11/23/2009 6:46	10.64	46.06	29.75	9.14	8.03	2.0	3.05	99.3
461	11/23/2009 7:01	10.27	45.85	29.58	9.02	8.01	2.1	2.98	97.1
462	11/23/2009 7:16	10.06	45.94	29.63	8.98	8.00	2.0	2.92	96.2
463	11/23/2009 7:31	10.22	45.98	29.66	8.97	8.01	1.8	2.91	96.6
464	11/23/2009 7:46	10.29	45.83	29.56	9.01	7.89	2.0	2.84	97.0
465	11/23/2009 8:01	10.28	45.88	29.60	9.00	8.01	1.7	2.81	97.0
466	11/23/2009 8:16	10.31	45.84	29.57	9.02	8.01	1.8	2.79	97.2
467	11/23/2009 8:31	10.28	45.79	29.53	9.01	8.01	1.6	2.75	96.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
468	11/23/2009 8:46	10.25	45.73	29.49	9.01	8.01	1.7	2.70	97.0
469	11/23/2009 9:01	10.25	45.68	29.45	9.02	8.01	1.8	2.67	97.0
470	11/23/2009 9:16	10.22	45.64	29.42	9.09	8.01	1.7	2.65	97.7
471	11/23/2009 9:31	10.27	45.59	29.39	9.15	8.02	1.8	2.65	98.4
472	11/23/2009 9:46	10.31	45.50	29.33	9.21	8.02	1.7	2.62	99.1
473	11/23/2009 10:01	10.32	45.51	29.34	9.16	8.02	1.6	2.62	98.6
474	11/23/2009 10:16	10.33	45.48	29.31	9.26	7.90	1.8	2.64	99.6
475	11/23/2009 10:31	10.27	45.60	29.40	9.16	8.01	1.8	2.63	98.6
476	11/23/2009 10:46	10.27	45.61	29.41	9.12	8.01	1.8	2.64	98.0
477	11/23/2009 11:01	10.28	45.62	29.41	9.12	8.01	1.8	2.68	98.1
478	11/23/2009 11:16	10.31	45.63	29.42	9.14	8.01	1.8	2.67	98.4
479	11/23/2009 11:31	10.36	45.69	29.46	9.13	8.01	1.9	2.72	98.4
480	11/23/2009 11:46	10.47	45.78	29.53	9.19	8.02	1.8	2.74	99.3
481	11/23/2009 12:01	10.58	45.71	29.49	9.26	8.02	1.9	2.77	100.4
482	11/23/2009 12:16	10.55	45.79	29.55	9.23	8.02	1.8	2.82	100.0
483	11/23/2009 12:31	10.59	45.79	29.55	9.25	8.02	1.8	2.85	100.2
484	11/23/2009 12:46	10.61	45.84	29.58	9.23	8.03	2.0	2.89	100.2
485	11/23/2009 13:01	10.64	45.86	29.60	9.24	8.03	1.9	2.92	100.3
486	11/23/2009 13:16	10.68	45.99	29.70	9.24	8.03	1.9	2.99	100.4
487	11/23/2009 13:31	10.74	46.09	29.77	9.22	8.03	2.0	3.01	100.5
488	11/23/2009 13:46	10.84	46.22	29.87	9.26	8.04	2.0	3.04	101.1
489	11/23/2009 14:01	10.91	46.28	29.91	9.31	8.04	1.6	3.08	101.9
490	11/23/2009 14:16	10.98	46.29	29.92	9.35	8.04	1.6	3.11	102.4
491	11/23/2009 14:31	11.00	46.36	29.98	9.34	8.04	1.7	3.14	102.5
492	11/23/2009 14:46	11.04	46.37	29.99	9.38	8.05	1.5	3.16	103.0
493	11/23/2009 15:01	11.09	46.43	30.03	9.39	8.05	1.6	3.20	103.3
494	11/23/2009 15:16	11.10	46.48	30.07	9.37	8.05	1.4	3.19	103.1
495	11/23/2009 15:31	11.09	46.44	30.04	9.26	8.04	1.3	3.20	101.8
496	11/23/2009 15:46	11.07	46.50	30.08	9.15	8.04	1.3	3.22	100.6
497	11/23/2009 16:01	11.06	46.32	29.95	9.22	8.04	1.5	3.19	101.2
498	11/23/2009 16:16	11.04	46.40	30.01	9.26	8.04	1.5	3.16	101.7
499	11/23/2009 16:31	11.01	46.41	30.02	9.23	8.04	1.6	3.13	101.2
500	11/23/2009 16:46	10.96	46.23	29.89	9.26	8.04	1.8	3.09	101.4
501	11/23/2009 17:01	10.99	46.21	29.87	9.35	8.04	1.9	3.03	102.4
502	11/23/2009 17:16	10.99	46.14	29.82	9.59	8.06	2.0	2.98	105.0
503	11/23/2009 17:31	11.04	45.91	29.66	10.00	8.09	1.8	2.92	109.6
504	11/23/2009 17:46	11.01	46.02	29.74	10.11	8.10	1.8	2.84	110.8
505	11/23/2009 18:01	11.04	45.92	29.66	10.25	8.11	1.7	2.78	112.2
506	11/23/2009 18:16	10.99	45.95	29.68	10.18	8.10	1.8	2.72	111.4
507	11/23/2009 18:31	10.99	45.90	29.65	10.25	8.10	1.8	2.64	112.1
508	11/23/2009 18:46	10.94	45.87	29.63	10.21	8.10	2.5	2.56	111.6
509	11/23/2009 19:01	10.88	45.85	29.61	10.15	8.10	1.8	2.51	110.8
510	11/23/2009 19:16	10.76	45.78	29.55	10.00	8.09	2.0	2.42	108.8
511	11/23/2009 19:31	10.69	45.60	29.42	9.98	8.09	2.3	2.33	108.3
512	11/23/2009 19:46	10.62	45.63	29.44	10.05	8.09	2.7	2.24	108.9
513	11/23/2009 20:01	10.57	45.44	29.30	10.22	8.10	1.9	2.16	110.6
514	11/23/2009 20:16	10.48	45.32	29.20	10.31	8.10	1.7	2.09	111.3
515	11/23/2009 20:31	10.44	45.27	29.17	10.32	8.10	1.8	2.02	111.2
516	11/23/2009 20:46	10.39	45.21	29.12	10.35	8.11	1.6	1.94	111.4
517	11/23/2009 21:01	10.34	45.22	29.13	10.34	8.10	1.4	1.89	111.1
518	11/23/2009 21:16	10.30	45.15	29.08	10.33	8.10	1.5	1.84	111.0
519	11/23/2009 21:31	10.27	45.13	29.06	10.29	8.10	1.5	1.79	110.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
520	11/23/2009 21:46	10.26	45.12	29.05	10.27	8.10	1.4	1.77	110.2
521	11/23/2009 22:01	10.28	45.12	29.06	10.28	8.10	1.1	1.76	110.3
522	11/23/2009 22:16	10.34	45.13	29.07	10.31	8.10	1.3	1.75	110.8
523	11/23/2009 22:31	10.36	45.18	29.10	10.31	8.10	1.3	1.76	110.9
524	11/23/2009 22:46	10.36	45.16	29.09	10.33	8.10	1.5	1.77	111.1
525	11/23/2009 23:01	10.36	45.19	29.11	10.30	8.10	1.6	1.79	110.8
526	11/23/2009 23:16	10.43	45.27	29.17	10.29	8.10	1.4	1.85	110.9
527	11/23/2009 23:31	10.40	45.26	29.16	10.30	8.10	1.5	1.87	110.9
528	11/23/2009 23:46	10.37	45.13	29.07	10.29	8.10	1.6	1.92	110.6
529	11/24/2009 0:01	10.44	44.97	28.96	10.30	8.10	1.6	1.99	110.8
530	11/24/2009 0:16	10.47	44.98	28.97	10.28	8.10	1.6	2.02	110.7
531	11/24/2009 0:31	10.50	44.88	28.90	10.30	8.10	1.7	2.08	111.0
532	11/24/2009 0:46	10.51	45.03	29.00	10.23	8.09	1.6	2.16	110.3
533	11/24/2009 1:01	10.52	45.12	29.07	10.17	8.09	1.5	2.21	109.7
534	11/24/2009 1:16	10.57	45.23	29.15	10.14	8.09	1.6	2.29	109.6
535	11/24/2009 1:31	10.60	44.96	28.96	10.12	8.08	1.7	2.36	109.3
536	11/24/2009 1:46	10.71	45.47	29.33	9.95	8.08	1.6	2.42	108.0
537	11/24/2009 2:01	10.75	45.59	29.41	9.81	8.07	1.8	2.50	106.6
538	11/24/2009 2:16	10.73	45.59	29.41	9.67	7.94	1.9	2.57	105.0
539	11/24/2009 2:31	10.73	45.72	29.51	9.59	8.05	2.0	2.64	104.2
540	11/24/2009 2:46	10.74	45.73	29.51	9.58	8.05	2.1	2.69	104.1
541	11/24/2009 3:01	10.74	45.84	29.60	9.57	7.93	2.3	2.77	104.1
542	11/24/2009 3:16	10.72	45.79	29.56	9.58	8.05	2.3	2.82	104.1
543	11/24/2009 3:31	10.75	45.86	29.61	9.53	8.05	2.1	2.89	103.7
544	11/24/2009 3:46	10.79	45.89	29.63	9.50	8.05	2.2	2.94	103.4
545	11/24/2009 4:01	10.85	46.11	29.79	9.47	8.05	2.7	3.00	103.4
546	11/24/2009 4:16	10.89	46.13	29.81	9.46	8.05	2.9	3.06	103.4
547	11/24/2009 4:31	10.92	46.23	29.88	9.44	7.93	2.4	3.10	103.2
548	11/24/2009 4:46	10.95	46.35	29.97	9.41	8.05	2.5	3.16	103.1
549	11/24/2009 5:01	10.96	46.33	29.96	9.41	8.05	2.5	3.20	103.1
550	11/24/2009 5:16	10.97	46.47	30.06	9.37	8.05	2.1	3.23	102.8
551	11/24/2009 5:31	10.98	46.37	29.98	9.34	7.93	1.8	3.26	102.4
552	11/24/2009 5:46	10.99	46.57	30.13	9.29	8.05	1.6	3.27	101.9
553	11/24/2009 6:01	10.98	46.45	30.04	9.27	8.04	1.7	3.28	101.6
554	11/24/2009 6:16	10.99	46.43	30.03	9.26	7.93	1.8	3.27	101.5
555	11/24/2009 6:31	10.99	46.52	30.09	9.30	8.04	2.0	3.24	102.0
556	11/24/2009 6:46	10.96	46.50	30.08	9.31	8.05	2.3	3.20	102.1
557	11/24/2009 7:01	10.74	46.25	29.89	9.23	8.03	2.2	3.15	100.5
558	11/24/2009 7:16	10.72	46.11	29.78	9.28	8.04	1.8	3.10	101.0
559	11/24/2009 7:31	10.67	46.04	29.74	9.24	7.92	1.9	3.05	100.5
560	11/24/2009 7:46	10.61	46.04	29.73	9.24	8.03	2.1	2.99	100.4
561	11/24/2009 8:01	10.43	45.98	29.68	9.18	8.02	1.6	2.94	99.2
562	11/24/2009 8:16	10.30	45.94	29.64	9.14	8.02	1.3	2.89	98.5
563	11/24/2009 8:31	10.27	45.91	29.62	9.14	8.02	1.2	2.82	98.4
564	11/24/2009 8:46	10.28	45.74	29.50	9.20	8.02	1.3	2.78	99.0
565	11/24/2009 9:01	10.22	45.77	29.52	9.22	8.02	1.1	2.74	99.1
566	11/24/2009 9:16	10.22	45.66	29.44	9.28	8.03	1.1	2.70	99.7
567	11/24/2009 9:31	10.17	45.60	29.39	9.30	8.03	1.1	2.65	99.8
568	11/24/2009 9:46	10.24	45.62	29.41	9.44	8.04	1.2	2.61	101.4
569	11/24/2009 10:01	10.29	45.60	29.40	9.51	8.05	1.1	2.60	102.3
570	11/24/2009 10:16	10.30	45.51	29.33	9.64	8.05	1.1	2.55	103.6
571	11/24/2009 10:31	10.39	45.51	29.34	9.69	8.06	1.0	2.53	104.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
572	11/24/2009 10:46	10.44	45.49	29.33	9.73	8.06	1.0	2.50	104.9
573	11/24/2009 11:01	10.46	45.48	29.32	9.70	8.06	1.1	2.48	104.7
574	11/24/2009 11:16	10.44	45.40	29.26	9.70	8.06	1.1	2.48	104.6
575	11/24/2009 11:31	10.46	45.44	29.29	9.71	8.06	0.9	2.46	104.7
576	11/24/2009 11:46	10.49	45.46	29.31	9.77	8.06	1.1	2.48	105.5
577	11/24/2009 12:01	10.48	45.51	29.34	9.71	8.06	1.0	2.48	104.8
578	11/24/2009 12:16	10.45	45.48	29.32	9.64	7.93	1.2	2.49	104.0
579	11/24/2009 12:31	10.42	45.52	29.35	9.58	7.93	1.1	2.53	103.4
580	11/24/2009 12:46	10.47	45.51	29.35	9.57	8.04	1.3	2.55	103.3
581	11/24/2009 13:01	10.49	45.59	29.40	9.48	8.04	1.2	2.58	102.4
582	11/24/2009 13:16	10.51	45.62	29.42	9.44	8.04	1.2	2.62	102.0
583	11/24/2009 13:31	10.57	45.56	29.38	9.40	8.04	1.2	2.66	101.8
584	11/24/2009 13:46	10.57	45.69	29.48	9.39	8.04	1.3	2.69	101.7
585	11/24/2009 14:01	10.58	45.74	29.51	9.39	8.04	1.2	2.72	101.8
586	11/24/2009 14:16	10.59	45.74	29.52	9.39	8.04	1.5	2.77	101.8
587	11/24/2009 14:31	10.63	45.84	29.59	9.37	8.04	1.3	2.80	101.7
588	11/24/2009 14:46	10.68	45.83	29.58	9.38	8.04	1.4	2.83	101.9
589	11/24/2009 15:01	10.71	45.99	29.70	9.36	8.04	1.2	2.87	101.9
590	11/24/2009 15:16	10.77	45.98	29.70	9.37	8.04	1.4	2.90	102.1
591	11/24/2009 15:31	10.83	46.14	29.81	9.37	8.04	1.3	2.93	102.3
592	11/24/2009 15:46	10.88	46.14	29.81	9.40	8.04	1.3	2.95	102.7
593	11/24/2009 16:01	10.90	46.18	29.84	9.39	8.04	1.0	2.97	102.6
594	11/24/2009 16:16	10.91	46.22	29.88	9.37	8.04	1.2	2.99	102.5
595	11/24/2009 16:31	10.91	46.15	29.82	9.27	8.04	1.0	3.00	101.4
596	11/24/2009 16:46	10.86	46.10	29.78	9.25	8.04	0.9	3.00	101.0
597	11/24/2009 17:01	10.86	46.14	29.81	9.18	8.04	0.9	2.99	100.3
598	11/24/2009 17:16	10.85	46.11	29.79	9.24	7.92	1.3	2.99	100.9
599	11/24/2009 17:31	10.84	46.16	29.83	9.22	8.04	1.6	2.97	100.7
600	11/24/2009 17:46	10.82	46.12	29.79	9.25	7.97	1.8	2.92	100.9
601	11/24/2009 18:01	10.76	45.98	29.69	9.30	8.04	1.5	2.88	101.3
602	11/24/2009 18:16	10.77	45.93	29.66	9.42	8.05	1.3	2.85	102.6
603	11/24/2009 18:31	10.81	45.79	29.56	9.64	8.06	1.6	2.78	105.0
604	11/24/2009 18:46	10.91	45.79	29.56	9.97	8.09	1.3	2.72	108.8
605	11/24/2009 19:01	11.03	45.73	29.53	10.36	8.11	1.3	2.67	113.4
606	11/24/2009 19:16	11.16	45.70	29.51	10.67	8.14	1.0	2.60	117.1
607	11/24/2009 19:31	11.19	45.71	29.52	10.94	8.15	1.1	2.53	120.1
608	11/24/2009 19:46	11.16	45.69	29.50	10.81	8.14	1.2	2.46	118.6
609	11/24/2009 20:01	11.08	45.66	29.48	10.71	8.14	1.2	2.40	117.3
610	11/24/2009 20:16	10.86	45.65	29.46	10.54	8.12	1.3	2.33	114.8
611	11/24/2009 20:31	10.99	45.58	29.42	10.97	8.16	2.6	2.25	119.9
612	11/24/2009 20:46	10.81	45.50	29.35	10.96	8.15	1.5	2.19	119.3
613	11/24/2009 21:01	10.70	45.32	29.22	10.82	8.15	1.2	2.14	117.3
614	11/24/2009 21:16	10.75	45.35	29.24	11.07	8.17	1.2	2.07	120.2
615	11/24/2009 21:31	10.76	45.23	29.16	11.11	8.18	1.2	2.03	120.6
616	11/24/2009 21:46	10.69	45.29	29.20	11.08	8.17	1.3	1.97	120.1
617	11/24/2009 22:01	10.62	45.26	29.17	10.96	8.17	1.0	1.94	118.6
618	11/24/2009 22:16	10.56	45.21	29.14	10.91	8.16	1.2	1.90	117.9
619	11/24/2009 22:31	10.55	45.09	29.05	10.86	8.16	1.0	1.86	117.3
620	11/24/2009 22:46	10.48	45.17	29.10	10.76	8.03	0.8	1.85	116.0
621	11/24/2009 23:01	10.45	45.11	29.05	10.74	8.15	0.8	1.85	115.7
622	11/24/2009 23:16	10.53	45.16	29.09	10.78	8.15	0.9	1.86	116.3
623	11/24/2009 23:31	10.54	45.19	29.12	10.77	8.14	0.9	1.85	116.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
624	11/24/2009 23:46	10.57	45.23	29.15	10.72	8.03	1.0	1.87	115.9
625	11/25/2009 0:01	10.58	45.27	29.17	10.71	8.14	1.2	1.92	115.7
626	11/25/2009 0:16	10.58	45.29	29.19	10.59	8.13	1.2	1.95	114.5
627	11/25/2009 0:31	10.59	45.30	29.20	10.60	8.13	1.2	1.99	114.6
628	11/25/2009 0:46	10.58	45.31	29.21	10.55	8.13	1.2	2.05	114.1
629	11/25/2009 1:01	10.50	45.05	29.02	10.53	8.01	1.5	2.10	113.5
630	11/25/2009 1:16	10.50	44.97	28.96	10.48	8.12	1.5	2.16	112.9
631	11/25/2009 1:31	10.58	45.14	29.09	10.39	8.11	1.3	2.23	112.3
632	11/25/2009 1:46	10.64	45.38	29.26	10.28	8.10	1.5	2.28	111.3
633	11/25/2009 2:01	10.66	45.31	29.21	10.24	8.10	1.3	2.35	110.9
634	11/25/2009 2:16	10.72	45.31	29.21	10.16	8.09	1.3	2.41	110.2
635	11/25/2009 2:31	10.74	45.34	29.23	10.05	7.97	1.3	2.47	109.0
636	11/25/2009 2:46	10.74	45.51	29.36	9.91	8.08	1.3	2.54	107.7
637	11/25/2009 3:01	10.69	45.57	29.40	9.68	8.06	1.4	2.61	105.0
638	11/25/2009 3:16	10.65	45.61	29.42	9.63	8.05	1.6	2.68	104.4
639	11/25/2009 3:31	10.67	45.64	29.45	9.60	8.05	1.9	2.74	104.2
640	11/25/2009 3:46	10.69	45.81	29.57	9.58	8.05	1.7	2.81	104.0
641	11/25/2009 4:01	10.75	45.94	29.66	9.49	8.05	2.1	2.87	103.3
642	11/25/2009 4:16	10.75	45.85	29.60	9.46	8.05	1.9	2.93	102.9
643	11/25/2009 4:31	10.79	46.00	29.71	9.40	8.04	2.2	2.99	102.5
644	11/25/2009 4:46	10.85	46.11	29.79	9.35	8.04	2.6	3.05	102.1
645	11/25/2009 5:01	10.89	46.18	29.84	9.34	7.93	2.3	3.11	102.1
646	11/25/2009 5:16	10.91	46.26	29.90	9.32	8.04	2.3	3.17	101.9
647	11/25/2009 5:31	10.91	46.29	29.93	9.30	8.04	2.0	3.20	101.7
648	11/25/2009 5:46	10.94	46.28	29.92	9.28	7.93	2.1	3.26	101.6
649	11/25/2009 6:01	10.94	46.49	30.07	9.27	8.04	1.6	3.30	101.6
650	11/25/2009 6:16	10.95	46.43	30.02	9.24	8.04	1.8	3.33	101.2
651	11/25/2009 6:31	10.99	46.48	30.06	9.23	8.04	1.3	3.34	101.2
652	11/25/2009 6:46	10.95	46.44	30.03	9.18	8.04	1.6	3.35	100.5
653	11/25/2009 7:01	10.97	46.50	30.08	9.08	8.03	1.7	3.33	99.6
654	11/25/2009 7:16	10.97	46.51	30.08	9.19	8.04	1.9	3.29	100.8
655	11/25/2009 7:31	10.93	46.44	30.03	9.19	7.92	2.3	3.27	100.7
656	11/25/2009 7:46	10.78	46.19	29.84	9.17	7.92	1.6	3.21	100.0
657	11/25/2009 8:01	10.73	46.10	29.78	9.18	7.92	1.8	3.15	100.0
658	11/25/2009 8:16	10.69	46.19	29.84	9.19	8.03	1.6	3.10	100.0
659	11/25/2009 8:31	10.62	46.12	29.79	9.19	8.03	1.6	3.03	99.8
660	11/25/2009 8:46	10.55	45.92	29.64	9.22	8.03	1.2	2.97	99.9
661	11/25/2009 9:01	10.56	46.05	29.73	9.29	7.92	1.2	2.90	100.8
662	11/25/2009 9:16	10.53	45.87	29.60	9.37	8.04	1.0	2.84	101.4
663	11/25/2009 9:31	10.47	45.86	29.59	9.45	8.04	1.0	2.80	102.2
664	11/25/2009 9:46	10.46	45.80	29.55	9.55	8.05	0.9	2.73	103.3
665	11/25/2009 10:01	10.46	45.70	29.48	9.66	7.94	0.9	2.67	104.3
666	11/25/2009 10:16	10.45	45.74	29.51	9.74	8.06	0.9	2.61	105.2
667	11/25/2009 10:31	10.49	45.65	29.44	9.87	8.07	0.8	2.57	106.6
668	11/25/2009 10:46	10.54	45.62	29.42	10.00	8.08	0.8	2.52	108.2
669	11/25/2009 11:01	10.60	45.55	29.38	10.23	7.98	0.9	2.46	110.7
670	11/25/2009 11:16	10.65	45.54	29.38	10.27	8.10	0.9	2.41	111.4
671	11/25/2009 11:31	10.67	45.52	29.36	10.29	8.10	0.7	2.39	111.6
672	11/25/2009 11:46	10.65	45.48	29.33	10.30	8.10	0.7	2.35	111.6
673	11/25/2009 12:01	10.66	45.44	29.30	10.25	8.10	0.7	2.31	111.1
674	11/25/2009 12:16	10.63	45.41	29.28	10.22	8.10	0.6	2.31	110.6
675	11/25/2009 12:31	10.58	45.36	29.24	10.15	7.99	0.6	2.32	109.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
676	11/25/2009 12:46	10.64	45.36	29.24	10.23	7.99	0.7	2.31	110.8
677	11/25/2009 13:01	10.66	45.29	29.19	10.22	7.99	0.6	2.30	110.7
678	11/25/2009 13:16	10.68	45.43	29.30	10.21	8.09	0.7	2.32	110.7
679	11/25/2009 13:31	10.68	45.48	29.33	10.14	8.09	0.8	2.37	109.9
680	11/25/2009 13:46	10.63	45.45	29.31	10.10	8.03	0.9	2.39	109.4
681	11/25/2009 14:01	10.64	45.37	29.25	10.03	8.08	0.9	2.41	108.7
682	11/25/2009 14:16	10.63	45.33	29.22	9.92	8.08	0.9	2.45	107.4
683	11/25/2009 14:31	10.64	45.45	29.31	9.85	8.07	0.9	2.51	106.8
684	11/25/2009 14:46	10.65	45.46	29.32	9.75	8.06	1.0	2.54	105.7
685	11/25/2009 15:01	10.63	45.54	29.37	9.70	8.06	0.9	2.58	105.1
686	11/25/2009 15:16	10.64	45.41	29.28	9.67	8.06	0.8	2.61	104.7
687	11/25/2009 15:31	10.65	45.60	29.42	9.63	8.06	0.9	2.66	104.4
688	11/25/2009 15:46	10.67	45.65	29.45	9.59	7.99	0.8	2.70	104.1
689	11/25/2009 16:01	10.68	45.68	29.47	9.56	8.05	0.9	2.73	103.7
690	11/25/2009 16:16	10.70	45.79	29.56	9.45	8.04	1.0	2.76	102.7
691	11/25/2009 16:31	10.72	45.87	29.61	9.42	8.04	1.0	2.81	102.4
692	11/25/2009 16:46	10.78	45.84	29.59	9.42	8.04	1.0	2.84	102.6
693	11/25/2009 17:01	10.82	45.99	29.70	9.39	8.04	0.9	2.86	102.4
694	11/25/2009 17:16	10.83	45.85	29.60	9.38	7.93	1.0	2.88	102.2
695	11/25/2009 17:31	10.85	45.99	29.71	9.32	7.93	0.9	2.91	101.7
696	11/25/2009 17:46	10.86	45.99	29.71	9.30	7.93	1.2	2.92	101.5
697	11/25/2009 18:01	10.86	46.02	29.73	9.24	8.04	0.7	2.92	100.9
698	11/25/2009 18:16	10.86	46.04	29.74	9.18	8.04	0.9	2.91	100.2
699	11/25/2009 18:31	10.85	46.00	29.71	9.18	8.04	0.9	2.90	100.2
700	11/25/2009 18:46	10.85	46.01	29.72	9.21	7.92	1.0	2.90	100.5
701	11/25/2009 19:01	10.83	45.95	29.68	9.23	8.03	1.0	2.86	100.7
702	11/25/2009 19:16	10.77	45.78	29.55	9.32	7.93	1.0	2.82	101.4
703	11/25/2009 19:31	10.71	45.67	29.47	9.38	8.04	1.0	2.78	101.9
704	11/25/2009 19:46	10.70	45.72	29.50	9.54	8.06	0.9	2.74	103.6
705	11/25/2009 20:01	10.79	45.51	29.36	9.86	8.08	1.0	2.67	107.2
706	11/25/2009 20:16	10.94	45.54	29.39	10.28	8.12	1.1	2.61	112.2
707	11/25/2009 20:31	11.01	45.55	29.40	10.38	8.13	1.0	2.55	113.5
708	11/25/2009 20:46	11.03	45.54	29.39	10.51	8.14	0.9	2.49	114.9
709	11/25/2009 21:01	11.00	45.52	29.37	10.45	8.12	0.8	2.43	114.1
710	11/25/2009 21:16	11.03	45.55	29.40	10.57	8.02	0.9	2.37	115.5
711	11/25/2009 21:31	10.97	45.54	29.39	10.59	8.13	2.0	2.30	115.7
712	11/25/2009 21:46	10.97	45.56	29.40	10.59	8.14	0.9	2.25	115.7
713	11/25/2009 22:01	11.04	45.46	29.34	11.00	8.18	1.0	2.20	120.2
714	11/25/2009 22:16	10.85	45.36	29.26	10.93	8.17	0.8	2.15	118.9
715	11/25/2009 22:31	10.85	45.38	29.27	10.95	8.18	0.9	2.09	119.1
716	11/25/2009 22:46	10.86	45.37	29.27	11.07	8.12	0.9	2.10	120.5
717	11/25/2009 23:01	10.88	45.36	29.25	11.02	8.13	0.7	2.05	120.0
718	11/25/2009 23:16	10.85	45.30	29.21	11.01	8.19	0.6	2.00	119.7
719	11/25/2009 23:31	10.74	45.18	29.12	10.87	8.17	0.7	1.99	117.9
720	11/25/2009 23:46	10.69	45.21	29.14	10.79	8.16	0.6	1.94	116.9
721	11/26/2009 0:01	10.71	45.13	29.09	10.74	8.16	0.6	1.97	116.3
722	11/26/2009 0:16	10.76	45.16	29.11	10.77	8.17	0.5	1.96	116.9
723	11/26/2009 0:31	10.78	45.19	29.13	10.81	8.05	0.9	2.03	117.3
724	11/26/2009 0:46	10.75	45.21	29.14	10.59	8.03	1.0	2.02	114.9
725	11/26/2009 1:01	10.74	45.28	29.20	10.50	8.02	1.0	2.04	113.9
726	11/26/2009 1:16	10.73	45.26	29.18	10.43	8.01	1.0	2.13	113.1
727	11/26/2009 1:31	10.69	45.26	29.17	10.28	8.11	1.5	2.21	111.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
728	11/26/2009 1:46	10.67	45.24	29.16	10.12	7.98	1.3	2.24	109.6
729	11/26/2009 2:01	10.68	45.22	29.15	10.07	7.98	1.1	2.29	109.1
730	11/26/2009 2:16	10.71	45.37	29.25	10.05	8.09	1.3	2.32	109.0
731	11/26/2009 2:31	10.74	45.27	29.19	10.06	8.09	1.3	2.41	109.1
732	11/26/2009 2:46	10.75	45.35	29.24	9.95	7.97	1.2	2.47	108.0
733	11/26/2009 3:01	10.76	45.46	29.32	9.91	8.08	1.1	2.53	107.7
734	11/26/2009 3:16	10.75	45.56	29.39	9.74	8.01	1.2	2.56	105.8
735	11/26/2009 3:31	10.74	45.69	29.49	9.55	8.06	1.5	2.64	103.8
736	11/26/2009 3:46	10.75	45.80	29.57	9.46	7.99	1.4	2.69	102.9
737	11/26/2009 4:01	10.75	45.85	29.60	9.45	8.05	1.9	2.81	102.8
738	11/26/2009 4:16	10.77	45.92	29.65	9.41	8.04	2.0	2.87	102.5
739	11/26/2009 4:31	10.81	45.95	29.68	9.32	8.04	2.4	2.95	101.6
740	11/26/2009 4:46	10.86	46.09	29.78	9.26	8.03	2.0	2.96	101.1
741	11/26/2009 5:01	10.90	46.13	29.81	9.21	7.92	2.5	3.02	100.7
742	11/26/2009 5:16	10.95	46.22	29.88	9.17	8.03	2.7	3.15	100.4
743	11/26/2009 5:31	11.00	46.26	29.91	9.16	8.03	2.8	3.19	100.4
744	11/26/2009 5:46	11.06	46.50	30.08	9.14	8.03	3.1	3.24	100.4
745	11/26/2009 6:01	11.08	46.53	30.11	9.11	8.03	3.1	3.32	100.2
746	11/26/2009 6:16	11.12	46.41	30.02	9.12	8.03	3.1	3.36	100.3
747	11/26/2009 6:31	11.14	46.64	30.18	9.06	8.03	2.6	3.39	99.8
748	11/26/2009 6:46	11.17	46.68	30.22	9.02	8.03	2.1	3.44	99.4
749	11/26/2009 7:01	11.19	46.64	30.19	8.96	8.03	1.4	3.44	98.8
750	11/26/2009 7:16	11.14	46.61	30.16	8.99	8.03	2.3	3.47	99.0
751	11/26/2009 7:31	11.13	46.63	30.18	8.90	8.03	2.0	3.50	98.0
752	11/26/2009 7:46	11.15	46.57	30.13	8.97	8.03	2.1	3.44	98.8
753	11/26/2009 8:01	11.13	46.66	30.20	8.97	8.03	2.1	3.44	98.8
754	11/26/2009 8:16	11.00	46.40	30.01	9.00	8.02	1.8	3.37	98.7
755	11/26/2009 8:31	10.98	46.37	29.99	9.00	8.02	2.0	3.30	98.6
756	11/26/2009 8:46	10.91	46.04	29.75	8.95	8.02	1.6	3.23	97.8
757	11/26/2009 9:01	10.91	46.26	29.90	9.02	8.02	1.8	3.17	98.7
758	11/26/2009 9:16	10.92	46.25	29.89	9.08	7.96	2.3	3.12	99.4
759	11/26/2009 9:31	10.90	46.21	29.86	9.12	8.03	2.2	3.02	99.7
760	11/26/2009 9:46	10.86	46.05	29.75	9.17	8.03	1.6	2.95	100.1
761	11/26/2009 10:01	10.85	46.02	29.73	9.26	8.04	1.4	2.89	101.0
762	11/26/2009 10:16	10.83	45.90	29.64	9.37	7.93	1.6	2.82	102.1
763	11/26/2009 10:31	10.80	45.82	29.58	9.37	8.05	1.0	2.75	102.0
764	11/26/2009 10:46	10.84	45.90	29.64	9.56	8.06	0.9	2.67	104.3
765	11/26/2009 11:01	10.88	45.84	29.60	9.82	8.07	0.9	2.59	107.2
766	11/26/2009 11:16	10.87	45.72	29.51	9.96	8.08	0.9	2.56	108.6
767	11/26/2009 11:31	10.91	45.74	29.53	10.11	8.10	0.9	2.48	110.3
768	11/26/2009 11:46	10.95	45.66	29.47	10.31	8.11	0.8	2.40	112.5
769	11/26/2009 12:01	10.95	45.60	29.43	10.44	8.12	0.9	2.32	114.0
770	11/26/2009 12:16	10.96	45.64	29.46	10.46	8.12	0.8	2.31	114.3
771	11/26/2009 12:31	10.98	45.62	29.45	10.51	8.06	0.6	2.24	114.8
772	11/26/2009 12:46	11.01	45.46	29.33	10.67	8.14	0.7	2.17	116.5
773	11/26/2009 13:01	11.00	45.43	29.31	10.65	8.14	0.6	2.17	116.3
774	11/26/2009 13:16	11.02	45.43	29.31	10.65	8.14	0.4	2.14	116.3
775	11/26/2009 13:31	10.99	45.41	29.30	10.61	8.14	0.3	2.11	115.8
776	11/26/2009 13:46	11.03	45.30	29.22	10.59	8.14	0.4	2.12	115.7
777	11/26/2009 14:01	11.05	45.27	29.20	10.64	8.14	0.5	2.15	116.3
778	11/26/2009 14:16	11.00	45.42	29.31	10.49	8.01	0.5	2.14	114.5
779	11/26/2009 14:31	11.02	45.48	29.35	10.46	8.12	0.6	2.17	114.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
780	11/26/2009 14:46	11.01	45.50	29.36	10.44	8.12	0.7	2.20	114.0
781	11/26/2009 15:01	10.99	45.46	29.33	10.32	8.11	0.7	2.25	112.7
782	11/26/2009 15:16	10.98	45.33	29.24	10.19	8.10	1.0	2.33	111.2
783	11/26/2009 15:31	10.95	45.33	29.24	10.09	8.10	1.0	2.38	110.0
784	11/26/2009 15:46	10.94	45.34	29.25	10.00	8.09	1.0	2.42	109.0
785	11/26/2009 16:01	10.91	45.46	29.33	9.89	8.08	0.9	2.48	107.8
786	11/26/2009 16:16	10.90	45.44	29.31	9.79	8.07	1.0	2.52	106.7
787	11/26/2009 16:31	10.89	45.43	29.31	9.65	7.95	1.0	2.56	105.1
788	11/26/2009 16:46	10.90	45.70	29.50	9.56	8.06	1.1	2.59	104.3
789	11/26/2009 17:01	10.92	45.78	29.56	9.50	8.05	1.0	2.63	103.8
790	11/26/2009 17:16	10.95	45.84	29.60	9.46	8.05	1.2	2.69	103.4
791	11/26/2009 17:31	10.96	45.92	29.66	9.40	8.05	1.0	2.72	102.8
792	11/26/2009 17:46	10.95	45.85	29.61	9.35	8.04	0.9	2.74	102.2
793	11/26/2009 18:01	10.94	45.96	29.69	9.33	8.04	1.0	2.80	102.0
794	11/26/2009 18:16	10.94	45.84	29.60	9.31	7.93	0.9	2.83	101.8
795	11/26/2009 18:31	10.94	46.01	29.73	9.28	8.04	0.9	2.84	101.5
796	11/26/2009 18:46	10.94	46.03	29.74	9.27	8.04	1.0	2.88	101.4
797	11/26/2009 19:01	10.94	46.06	29.76	9.25	8.04	1.0	2.91	101.2
798	11/26/2009 19:16	10.95	46.06	29.76	9.12	7.97	0.6	2.94	99.7
799	11/26/2009 19:31	10.95	46.02	29.73	9.14	7.97	0.8	2.93	100.0
800	11/26/2009 19:46	10.95	46.01	29.73	9.00	8.03	1.3	2.92	98.5
801	11/26/2009 20:01	10.95	46.04	29.74	9.09	8.03	0.7	2.88	99.4
802	11/26/2009 20:16	10.95	46.02	29.73	9.08	8.03	1.0	2.88	99.3
803	11/26/2009 20:31	10.96	45.90	29.65	9.17	7.97	0.9	2.85	100.2
804	11/26/2009 20:46	10.95	45.89	29.64	9.13	8.03	0.9	2.81	99.8
805	11/26/2009 21:01	10.95	45.89	29.64	9.16	8.03	1.2	2.76	100.1
806	11/26/2009 21:16	10.97	45.61	29.44	9.24	8.04	1.0	2.73	100.9
807	11/26/2009 21:31	10.99	45.50	29.36	9.20	8.04	1.0	2.67	100.4
808	11/26/2009 21:46	11.01	45.40	29.29	9.24	8.04	0.9	2.61	100.9
809	11/26/2009 22:01	11.05	45.36	29.27	9.54	8.07	0.9	2.51	104.2
810	11/26/2009 22:16	11.14	45.33	29.25	9.89	8.10	0.9	2.49	108.2
811	11/26/2009 22:31	11.17	45.36	29.27	9.98	8.11	0.7	2.45	109.3
812	11/26/2009 22:46	11.26	45.31	29.24	10.03	8.11	0.8	2.37	110.1
813	11/26/2009 23:01	11.16	44.94	28.97	9.86	7.98	1.0	2.31	107.9
814	11/26/2009 23:16	11.14	45.09	29.08	9.83	7.98	0.7	2.29	107.5
815	11/26/2009 23:31	11.10	45.23	29.17	9.77	8.09	0.7	2.24	106.8
816	11/26/2009 23:46	11.08	45.21	29.16	9.81	8.10	0.6	2.21	107.2
817	11/27/2009 0:01	11.11	45.13	29.10	9.75	8.09	0.7	2.15	106.5
818	11/27/2009 0:16	11.12	45.24	29.18	9.70	8.09	0.7	2.16	106.1
819	11/27/2009 0:31	11.09	45.24	29.18	9.65	8.09	0.5	2.14	105.5
820	11/27/2009 0:46	11.16	45.14	29.12	9.62	8.08	1.0	2.13	105.3
821	11/27/2009 1:01	11.09	45.05	29.04	9.61	8.08	0.8	2.11	105.0
822	11/27/2009 1:16	11.11	45.10	29.09	9.69	8.09	1.1	2.13	105.9
823	11/27/2009 1:31	11.10	45.17	29.13	9.73	8.09	1.0	2.18	106.3
824	11/27/2009 1:46	11.08	45.18	29.14	9.76	8.09	1.1	2.18	106.6
825	11/27/2009 2:01	11.09	45.14	29.11	9.73	8.09	1.7	2.20	106.4
826	11/27/2009 2:16	11.09	45.17	29.13	9.71	8.08	1.3	2.27	106.2
827	11/27/2009 2:31	11.06	45.08	29.07	9.72	8.08	1.2	2.32	106.1
828	11/27/2009 2:46	11.06	45.22	29.16	9.71	8.08	1.2	2.40	106.1
829	11/27/2009 3:01	11.03	45.19	29.15	9.55	8.07	1.2	2.45	104.3
830	11/27/2009 3:16	11.01	45.23	29.17	9.48	8.06	1.2	2.51	103.5
831	11/27/2009 3:31	11.00	45.35	29.25	9.40	8.05	1.2	2.57	102.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
832	11/27/2009 3:46	10.99	45.41	29.30	9.34	8.05	1.1	2.64	102.0
833	11/27/2009 4:01	10.99	45.57	29.41	9.28	8.04	1.3	2.72	101.3
834	11/27/2009 4:16	10.99	45.67	29.49	9.26	8.04	1.4	2.77	101.2
835	11/27/2009 4:31	10.98	45.83	29.60	9.24	8.04	1.6	2.83	101.0
836	11/27/2009 4:46	11.00	45.74	29.54	9.19	8.04	1.5	2.91	100.6
837	11/27/2009 5:01	11.01	45.91	29.66	9.18	8.03	2.2	3.00	100.5
838	11/27/2009 5:16	11.06	46.11	29.80	9.09	8.03	2.6	3.06	99.7
839	11/27/2009 5:31	11.08	46.18	29.85	9.06	8.03	2.9	3.13	99.5
840	11/27/2009 5:46	11.11	46.26	29.91	9.07	8.02	2.7	3.20	99.7
841	11/27/2009 6:01	11.16	46.37	29.99	9.04	8.02	2.9	3.28	99.5
842	11/27/2009 6:16	11.19	46.39	30.01	9.04	8.02	2.7	3.36	99.6
843	11/27/2009 6:31	11.21	46.52	30.11	9.04	8.02	2.4	3.43	99.7
844	11/27/2009 6:46	11.25	46.62	30.18	9.05	8.02	2.9	3.49	99.9
845	11/27/2009 7:01	11.27	46.70	30.23	9.05	8.02	2.9	3.52	100.0
846	11/27/2009 7:16	11.26	46.57	30.14	9.02	8.02	3.7	3.56	99.5
847	11/27/2009 7:31	11.25	46.71	30.24	9.01	8.02	2.3	3.59	99.5
848	11/27/2009 7:46	11.28	46.68	30.22	9.00	8.02	2.0	3.59	99.5
849	11/27/2009 8:01	11.28	46.71	30.25	8.91	8.02	2.3	3.58	98.5
850	11/27/2009 8:16	11.25	46.65	30.20	8.96	8.02	3.5	3.57	99.0
851	11/27/2009 8:31	11.15	46.55	30.12	8.99	8.01	21.1	3.52	99.0
852	11/27/2009 8:46	11.18	46.56	30.13	9.01	8.02	29.2	3.48	99.3
853	11/27/2009 9:01	11.19	46.50	30.09	9.03	7.90	29.9	3.42	99.5
854	11/27/2009 9:16	11.20	46.66	30.20	9.02	8.02	31.3	3.35	99.4
855	11/27/2009 9:31	11.17	46.52	30.10	9.01	8.01	37.4	3.27	99.2
856	11/27/2009 9:46	11.12	46.43	30.03	9.02	8.01	52.2	3.20	99.2
857	11/27/2009 10:01	11.10	46.34	29.97	9.03	8.02	54.1	3.14	99.2
858	11/27/2009 10:16	11.06	46.29	29.93	9.01	8.02	60.5	3.05	99.0
859	11/27/2009 10:31	10.99	46.03	29.74	9.00	8.01	75.5	2.96	98.5
860	11/27/2009 10:46	11.01	46.02	29.74	8.99	8.01	122.1	2.89	98.4
861	11/27/2009 11:01	11.01	45.89	29.64	9.01	8.02	99.5	2.81	98.6
862	11/27/2009 11:16	11.01	45.82	29.59	9.04	8.02	108.0	2.71	98.9
863	11/27/2009 11:31	10.99	45.70	29.51	9.09	8.02	95.4	2.63	99.3
864	11/27/2009 11:46	10.99	45.53	29.39	9.08	8.02	123.9	2.54	99.2
865	11/27/2009 12:01	11.01	45.57	29.41	9.07	8.02	143.7	2.46	99.1
866	11/27/2009 12:16	11.02	45.37	29.27	9.12	8.03	121.6	2.36	99.6
867	11/27/2009 12:31	11.03	45.38	29.28	9.13	8.03	114.9	2.28	99.7
868	11/27/2009 12:46	11.03	45.27	29.20	9.10	8.03	142.9	2.19	99.3
869	11/27/2009 13:01	11.02	45.20	29.15	9.09	8.03	150.9	2.10	99.2
870	11/27/2009 13:16	11.01	45.02	29.02	9.10	8.04	149.5	2.04	99.2
871	11/27/2009 13:31	11.03	45.03	29.03	9.10	8.04	108.2	1.97	99.2
872	11/27/2009 13:46	11.02	44.98	28.99	9.09	8.04	84.0	1.92	99.0
873	11/27/2009 14:01	11.03	44.75	28.83	9.02	8.04	42.9	1.87	98.2
874	11/27/2009 14:16	11.06	44.87	28.92	9.06	7.93	39.9	1.80	98.8
875	11/27/2009 14:31	11.08	44.90	28.94	9.03	8.05	32.7	1.83	98.5
876	11/27/2009 14:46	11.07	44.89	28.93	9.06	8.05	36.1	1.83	98.8
877	11/27/2009 15:01	11.07	44.89	28.93	9.07	8.05	35.1	1.82	99.0
878	11/27/2009 15:16	11.07	44.89	28.93	9.09	8.05	34.7	1.87	99.2
879	11/27/2009 15:31	11.06	44.88	28.92	9.10	8.05	29.4	1.90	99.3
880	11/27/2009 15:46	11.06	44.88	28.93	9.10	8.05	32.1	1.97	99.2
881	11/27/2009 16:01	11.05	44.90	28.93	9.14	8.05	29.8	2.01	99.7
882	11/27/2009 16:16	11.05	44.95	28.97	9.14	8.04	29.7	2.09	99.7
883	11/27/2009 16:31	11.04	44.94	28.97	9.13	8.04	28.7	2.16	99.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
884	11/27/2009 16:46	11.03	44.95	28.97	9.15	8.04	28.7	2.22	99.8
885	11/27/2009 17:01	11.03	44.89	28.93	9.16	8.04	30.0	2.27	99.8
886	11/27/2009 17:16	11.02	44.91	28.94	9.17	8.04	26.7	2.33	99.9
887	11/27/2009 17:31	11.00	44.76	28.84	9.18	8.05	23.3	2.39	100.0
888	11/27/2009 17:46	11.01	44.67	28.77	9.18	8.05	22.5	2.44	99.9
889	11/27/2009 18:01	11.00	44.69	28.78	9.19	8.05	22.5	2.50	100.0
890	11/27/2009 18:16	11.01	44.68	28.78	9.19	8.04	21.6	2.56	100.0
891	11/27/2009 18:31	10.97	44.74	28.82	9.20	8.04	20.4	2.62	100.1
892	11/27/2009 18:46	10.97	44.92	28.95	9.20	8.04	19.2	2.67	100.2
893	11/27/2009 19:01	10.96	45.08	29.06	9.19	8.04	17.4	2.72	100.1
894	11/27/2009 19:16	10.95	45.06	29.05	9.18	8.03	16.5	2.76	100.0
895	11/27/2009 19:31	10.93	45.22	29.16	9.16	8.03	14.2	2.80	99.7
896	11/27/2009 19:46	10.92	45.27	29.19	9.14	7.97	13.7	2.84	99.6
897	11/27/2009 20:01	10.91	45.21	29.15	9.09	8.03	13.7	2.87	99.0
898	11/27/2009 20:16	10.28	45.25	29.15	9.14	8.03	17.3	2.88	98.1
899	11/27/2009 20:31	10.38	45.28	29.17	9.06	8.03	15.0	2.87	97.5
900	11/27/2009 20:46	10.49	45.29	29.19	8.95	8.04	15.2	2.88	96.6
901	11/27/2009 21:01	10.31	45.12	29.06	9.04	8.02	20.2	2.87	97.1
902	11/27/2009 21:16	10.01	45.22	29.11	9.05	8.01	19.6	2.86	96.6
903	11/27/2009 21:31	10.18	45.14	29.06	9.13	8.01	26.8	2.83	97.8
904	11/27/2009 21:46	10.27	45.09	29.03	9.13	8.02	25.0	2.81	97.9
905	11/27/2009 22:01	10.35	45.14	29.07	9.12	8.02	25.5	2.76	98.0
906	11/27/2009 22:16	10.42	45.19	29.11	9.14	8.02	22.5	2.70	98.5
907	11/27/2009 22:31	10.57	44.92	28.93	9.15	8.03	30.4	2.65	98.8
908	11/27/2009 22:46	10.62	44.88	28.90	9.13	8.03	23.3	2.60	98.7
909	11/27/2009 23:01	10.61	44.95	28.95	9.10	8.03	20.9	2.54	98.3
910	11/27/2009 23:16	10.61	45.02	29.00	9.08	8.03	20.4	2.50	98.2
911	11/27/2009 23:31	10.54	45.03	29.00	9.06	8.03	19.7	2.45	97.7
912	11/27/2009 23:46	10.51	45.03	29.00	9.04	8.03	18.7	2.38	97.4
913	11/28/2009 0:01	10.45	45.08	29.04	9.00	8.02	19.0	2.35	97.0
914	11/28/2009 0:16	10.44	44.97	28.95	8.98	8.02	18.7	2.27	96.7
915	11/28/2009 0:31	10.46	45.02	28.99	8.97	8.02	19.2	2.24	96.6
916	11/28/2009 0:46	10.47	45.03	29.00	8.96	7.91	18.7	2.19	96.5
917	11/28/2009 1:01	10.44	45.10	29.05	8.93	8.02	18.6	2.16	96.1
918	11/28/2009 1:16	10.47	45.05	29.02	8.92	8.02	18.4	2.14	96.1
919	11/28/2009 1:31	10.49	45.00	28.98	8.91	8.02	16.8	2.11	96.0
920	11/28/2009 1:46	10.49	45.04	29.01	8.89	8.03	16.2	2.12	95.8
921	11/28/2009 2:01	10.44	44.92	28.92	8.94	8.02	15.3	2.12	96.2
922	11/28/2009 2:16	10.43	45.04	29.00	8.95	8.02	15.0	2.13	96.4
923	11/28/2009 2:31	10.46	44.98	28.96	8.93	8.02	15.7	2.16	96.2
924	11/28/2009 2:46	10.44	44.98	28.97	8.94	8.02	15.9	2.20	96.3
925	11/28/2009 3:01	10.40	45.09	29.04	8.93	8.02	15.8	2.24	96.1
926	11/28/2009 3:16	10.42	45.06	29.02	8.94	8.02	18.9	2.30	96.3
927	11/28/2009 3:31	10.41	44.78	28.82	8.97	8.02	18.4	2.35	96.4
928	11/28/2009 3:46	10.41	44.70	28.77	8.98	8.02	18.3	2.43	96.5
929	11/28/2009 4:01	10.52	44.78	28.83	9.00	8.03	20.9	2.49	97.0
930	11/28/2009 4:16	10.66	44.96	28.96	9.00	7.91	30.4	2.56	97.4
931	11/28/2009 4:31	10.59	45.00	28.99	8.99	8.02	20.2	2.64	97.1
932	11/28/2009 4:46	10.71	45.35	29.24	9.01	7.96	24.2	2.70	97.7
933	11/28/2009 5:01	10.71	45.49	29.34	9.06	7.96	25.9	2.77	98.3
934	11/28/2009 5:16	10.73	45.59	29.42	9.07	8.02	28.4	2.82	98.6
935	11/28/2009 5:31	10.76	45.68	29.48	9.08	8.02	25.9	2.90	98.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
936	11/28/2009 5:46	10.77	45.71	29.50	9.09	8.02	39.6	2.99	98.9
937	11/28/2009 6:01	10.83	45.80	29.57	9.11	8.02	47.2	3.06	99.3
938	11/28/2009 6:16	10.86	46.03	29.74	9.18	8.02	56.9	3.12	100.2
939	11/28/2009 6:31	10.90	46.09	29.78	9.22	8.02	50.5	3.20	100.8
940	11/28/2009 6:46	10.89	46.18	29.84	9.26	8.02	42.4	3.26	101.2
941	11/28/2009 7:01	10.88	46.19	29.85	9.27	8.02	31.5	3.34	101.3
942	11/28/2009 7:16	10.87	46.24	29.89	9.29	8.02	29.6	3.41	101.6
943	11/28/2009 7:31	10.86	46.34	29.96	9.28	8.03	15.9	3.45	101.4
944	11/28/2009 7:46	10.85	46.29	29.92	9.27	8.03	12.8	3.51	101.2
945	11/28/2009 8:01	10.84	46.25	29.89	9.26	8.03	8.6	3.55	101.1
946	11/28/2009 8:16	10.82	46.38	29.98	9.19	8.02	6.5	3.57	100.4
947	11/28/2009 8:31	10.72	46.19	29.84	9.17	8.02	9.5	3.56	99.9
948	11/28/2009 8:46	10.75	46.34	29.95	9.15	8.02	13.1	3.56	99.7
949	11/28/2009 9:01	10.81	46.42	30.02	9.20	8.02	8.2	3.53	100.5
950	11/28/2009 9:16	10.76	46.23	29.87	9.18	8.02	15.9	3.48	100.1
951	11/28/2009 9:31	10.39	45.96	29.66	9.04	8.01	10.2	3.42	97.6
952	11/28/2009 9:46	10.57	46.02	29.71	9.13	8.02	23.6	3.35	99.0
953	11/28/2009 10:01	10.67	46.08	29.76	9.15	8.02	32.3	3.26	99.5
954	11/28/2009 10:16	10.68	46.08	29.76	9.17	8.02	20.9	3.18	99.7
955	11/28/2009 10:31	10.65	45.90	29.63	9.17	8.02	23.3	3.09	99.6
956	11/28/2009 10:46	10.73	46.04	29.74	9.30	8.03	16.8	3.00	101.3
957	11/28/2009 11:01	10.61	45.83	29.58	9.10	8.03	32.3	2.90	98.7
958	11/28/2009 11:16	10.57	45.75	29.52	9.05	8.02	24.6	2.79	98.0
959	11/28/2009 11:31	10.43	45.53	29.35	9.02	8.01	29.1	2.69	97.3
960	11/28/2009 11:46	10.64	45.58	29.40	9.17	8.03	24.8	2.59	99.4
961	11/28/2009 12:01	10.88	45.87	29.62	9.41	8.05	19.7	2.47	102.7
962	11/28/2009 12:16	10.91	45.79	29.56	9.56	8.05	18.9	2.37	104.3
963	11/28/2009 12:31	10.96	45.78	29.56	9.55	8.06	26.5	2.27	104.4
964	11/28/2009 12:46	10.99	45.80	29.58	9.67	8.06	26.3	2.14	105.7
965	11/28/2009 13:01	11.03	45.64	29.46	9.53	8.07	23.7	2.03	104.2
966	11/28/2009 13:16	10.98	45.59	29.43	9.46	8.07	24.2	1.93	103.3
967	11/28/2009 13:31	10.93	45.53	29.38	9.41	8.06	24.4	1.83	102.6
968	11/28/2009 13:46	10.86	45.48	29.34	9.26	8.05	21.9	1.74	100.9
969	11/28/2009 14:01	10.87	45.50	29.35	9.24	7.98	19.8	1.66	100.6
970	11/28/2009 14:16	10.89	45.44	29.31	9.25	8.05	16.5	1.59	100.8
971	11/28/2009 14:31	10.85	45.33	29.23	9.22	8.04	14.5	1.53	100.3
972	11/28/2009 14:46	10.81	45.15	29.11	9.19	8.05	15.0	1.51	99.9
973	11/28/2009 15:01	10.68	45.17	29.11	9.08	8.03	13.3	1.50	98.3
974	11/28/2009 15:16	10.65	45.09	29.06	8.92	8.03	12.3	1.50	96.5
975	11/28/2009 15:31	10.59	44.92	28.93	9.06	8.02	14.8	1.52	97.8
976	11/28/2009 15:46	10.46	44.83	28.86	8.92	7.90	14.1	1.56	96.0
977	11/28/2009 16:01	10.50	44.97	28.96	8.94	8.01	14.8	1.61	96.4
978	11/28/2009 16:16	10.53	44.89	28.90	8.94	8.01	13.7	1.68	96.4
979	11/28/2009 16:31	10.63	45.12	29.07	9.00	8.02	12.3	1.75	97.4
980	11/28/2009 16:46	10.39	44.79	28.83	9.00	8.01	14.5	1.81	96.6
981	11/28/2009 17:01	10.34	44.66	28.73	9.01	8.01	12.3	1.88	96.6
982	11/28/2009 17:16	10.30	44.46	28.58	9.05	7.96	11.9	1.96	96.8
983	11/28/2009 17:31	10.35	44.50	28.62	9.03	7.96	13.0	2.04	96.7
984	11/28/2009 17:46	10.41	44.65	28.73	8.98	7.96	11.6	2.09	96.5
985	11/28/2009 18:01	10.42	44.45	28.59	9.02	8.01	11.7	2.16	96.8
986	11/28/2009 18:16	10.42	44.52	28.63	9.06	7.91	11.9	2.23	97.3
987	11/28/2009 18:31	10.37	44.67	28.74	9.10	8.02	9.7	2.31	97.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
988	11/28/2009 18:46	10.55	45.35	29.23	9.03	8.01	12.6	2.38	97.6
989	11/28/2009 19:01	10.57	45.42	29.29	9.02	7.95	11.3	2.44	97.5
990	11/28/2009 19:16	10.57	45.42	29.29	9.01	8.01	10.8	2.51	97.5
991	11/28/2009 19:31	10.55	45.52	29.36	9.02	8.01	9.8	2.58	97.5
992	11/28/2009 19:46	10.48	45.38	29.25	9.06	8.01	10.0	2.65	97.7
993	11/28/2009 20:01	10.53	45.37	29.25	9.03	8.01	10.3	2.70	97.6
994	11/28/2009 20:16	10.53	45.38	29.25	9.02	8.01	9.5	2.74	97.4
995	11/28/2009 20:31	10.58	45.61	29.42	9.05	8.01	9.4	2.79	98.0
996	11/28/2009 20:46	10.62	45.70	29.49	9.05	8.01	9.0	2.84	98.1
997	11/28/2009 21:01	10.63	45.68	29.47	9.05	8.01	8.5	2.88	98.2
998	11/28/2009 21:16	10.65	45.68	29.48	9.04	8.01	7.4	2.90	98.1
999	11/28/2009 21:31	10.66	45.76	29.53	9.01	8.01	7.8	2.93	97.8
1000	11/28/2009 21:46	10.66	45.63	29.44	8.96	8.01	5.7	2.94	97.2
1001	11/28/2009 22:01	10.60	45.56	29.39	8.95	7.90	6.7	2.93	97.0
1002	11/28/2009 22:16	10.64	45.76	29.53	8.93	7.95	7.1	2.91	96.9
1003	11/28/2009 22:31	10.65	45.71	29.49	8.97	8.01	8.5	2.89	97.4
1004	11/28/2009 22:46	10.57	45.67	29.47	8.90	8.00	9.6	2.84	96.3
1005	11/28/2009 23:01	10.40	45.48	29.32	8.81	7.99	12.0	2.78	94.9
1006	11/28/2009 23:16	10.30	45.35	29.22	8.76	7.99	11.5	2.74	94.2
1007	11/28/2009 23:31	10.31	45.52	29.34	8.82	8.00	15.7	2.67	94.9
1008	11/28/2009 23:46	10.33	45.43	29.28	8.84	8.00	14.8	2.61	95.2
1009	11/29/2009 0:01	10.24	45.42	29.27	8.84	8.00	16.7	2.56	94.9
1010	11/29/2009 0:16	10.16	45.32	29.19	8.82	8.00	15.3	2.49	94.4
1011	11/29/2009 0:31	10.03	45.24	29.13	8.75	7.99	12.5	2.43	93.4
1012	11/29/2009 0:46	9.96	45.14	29.05	8.71	7.99	10.1	2.38	92.8
1013	11/29/2009 1:01	9.85	45.11	29.03	8.65	7.98	9.2	2.33	92.0
1014	11/29/2009 1:16	9.94	45.09	29.01	8.72	7.99	9.7	2.28	92.9
1015	11/29/2009 1:31	9.88	45.08	29.01	8.67	7.99	8.7	2.24	92.2
1016	11/29/2009 1:46	9.89	45.02	28.96	8.69	7.99	8.7	2.21	92.4
1017	11/29/2009 2:01	9.86	45.03	28.97	8.66	7.99	7.7	2.20	92.1
1018	11/29/2009 2:16	9.85	44.94	28.91	8.64	7.99	7.4	2.17	91.7
1019	11/29/2009 2:31	9.84	45.00	28.94	8.59	7.98	6.4	2.16	91.2
1020	11/29/2009 2:46	9.80	44.96	28.91	8.74	7.99	6.9	2.20	92.7
1021	11/29/2009 3:01	9.80	44.95	28.91	8.72	7.99	7.3	2.22	92.5
1022	11/29/2009 3:16	9.94	45.00	28.95	8.76	7.99	7.9	2.25	93.3
1023	11/29/2009 3:31	10.00	45.11	29.03	8.80	7.99	8.2	2.29	93.8
1024	11/29/2009 3:46	10.07	45.14	29.06	8.82	8.00	10.9	2.36	94.3
1025	11/29/2009 4:01	10.04	45.09	29.02	8.85	7.99	13.9	2.40	94.4
1026	11/29/2009 4:16	10.05	45.10	29.03	8.86	8.00	10.6	2.47	94.6
1027	11/29/2009 4:31	10.16	45.19	29.10	8.86	8.00	11.6	2.53	94.8
1028	11/29/2009 4:46	10.22	45.36	29.22	8.86	8.00	13.4	2.61	95.1
1029	11/29/2009 5:01	10.30	45.52	29.34	8.87	8.00	13.3	2.67	95.4
1030	11/29/2009 5:16	10.44	45.64	29.43	8.94	8.00	14.2	2.73	96.5
1031	11/29/2009 5:31	10.47	45.75	29.51	8.97	8.00	13.9	2.81	97.0
1032	11/29/2009 5:46	10.51	45.62	29.42	9.00	8.00	14.6	2.88	97.3
1033	11/29/2009 6:01	10.54	45.90	29.63	9.03	8.00	14.3	2.97	97.8
1034	11/29/2009 6:16	10.60	46.13	29.79	9.08	8.00	24.0	3.04	98.6
1035	11/29/2009 6:31	10.59	46.25	29.88	9.09	8.00	20.7	3.13	98.7
1036	11/29/2009 6:46	10.58	46.29	29.91	9.11	8.00	25.1	3.20	98.9
1037	11/29/2009 7:01	10.53	46.44	30.01	9.10	7.99	24.4	3.29	98.8
1038	11/29/2009 7:16	10.48	46.60	30.12	9.10	7.99	26.8	3.35	98.8
1039	11/29/2009 7:31	10.44	46.83	30.29	9.08	7.98	22.0	3.44	98.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1040	11/29/2009 7:46	10.41	46.86	30.31	9.04	7.98	17.2	3.52	98.1
1041	11/29/2009 8:01	10.34	47.06	30.45	9.00	7.92	13.7	3.60	97.6
1042	11/29/2009 8:16	10.30	47.16	30.51	8.99	7.97	10.1	3.61	97.4
1043	11/29/2009 8:31	10.27	47.18	30.53	8.98	7.97	9.3	3.67	97.2
1044	11/29/2009 8:46	10.25	47.21	30.55	8.96	7.96	6.7	3.70	97.0
1045	11/29/2009 9:01	10.25	47.27	30.59	8.85	7.96	5.9	3.72	95.8
1046	11/29/2009 9:16	10.26	47.20	30.54	8.94	7.96	8.2	3.70	96.8
1047	11/29/2009 9:31	10.24	47.31	30.62	8.98	7.96	9.0	3.67	97.2
1048	11/29/2009 9:46	10.26	47.05	30.43	8.98	7.97	9.6	3.63	97.2
1049	11/29/2009 10:01	10.38	46.39	29.97	9.07	8.00	9.8	3.56	98.1
1050	11/29/2009 10:16	10.36	46.53	30.06	9.02	7.99	19.1	3.49	97.6
1051	11/29/2009 10:31	10.42	46.27	29.88	9.13	7.89	15.1	3.39	98.8
1052	11/29/2009 10:46	10.43	46.44	30.00	9.14	8.00	8.8	3.30	99.0
1053	11/29/2009 11:01	10.40	46.30	29.91	9.02	7.99	16.0	3.21	97.6
1054	11/29/2009 11:16	10.44	46.23	29.85	9.01	7.99	18.7	3.09	97.6
1055	11/29/2009 11:31	10.42	46.07	29.74	9.02	7.99	16.9	3.01	97.5
1056	11/29/2009 11:46	10.41	45.89	29.61	9.01	7.99	13.9	2.90	97.3
1057	11/29/2009 12:01	10.39	45.68	29.46	9.02	8.00	15.4	2.77	97.2
1058	11/29/2009 12:16	10.33	45.69	29.46	9.06	8.00	17.5	2.65	97.6
1059	11/29/2009 12:31	10.50	45.88	29.61	9.23	8.01	13.6	2.53	99.9
1060	11/29/2009 12:46	10.55	45.68	29.47	9.30	8.02	17.9	2.41	100.7
1061	11/29/2009 13:01	10.62	45.82	29.57	9.32	8.03	20.6	2.27	101.1
1062	11/29/2009 13:16	10.72	45.85	29.60	9.56	7.98	15.7	2.14	103.9
1063	11/29/2009 13:31	10.73	45.77	29.54	9.67	7.99	16.7	2.03	105.1
1064	11/29/2009 13:46	10.67	45.59	29.41	9.49	8.04	20.6	1.89	103.0
1065	11/29/2009 14:01	10.62	45.50	29.34	9.46	8.04	18.6	1.74	102.5
1066	11/29/2009 14:16	10.50	45.46	29.31	9.33	8.03	19.2	1.63	100.8
1067	11/29/2009 14:31	10.59	45.34	29.23	9.34	8.03	16.2	1.54	101.0
1068	11/29/2009 14:46	10.53	45.37	29.25	9.28	8.03	12.8	1.41	100.2
1069	11/29/2009 15:01	10.50	45.28	29.18	9.27	8.03	10.7	1.30	100.1
1070	11/29/2009 15:16	10.50	45.12	29.07	9.40	8.04	12.6	1.25	101.3
1071	11/29/2009 15:31	10.39	45.13	29.07	9.34	8.04	12.0	1.23	100.4
1072	11/29/2009 15:46	10.38	44.96	28.94	9.33	8.04	10.6	1.22	100.3
1073	11/29/2009 16:01	10.35	44.84	28.86	9.41	8.04	9.0	1.26	101.0
1074	11/29/2009 16:16	10.25	44.95	28.93	9.36	8.03	8.5	1.29	100.3
1075	11/29/2009 16:31	10.27	45.07	29.02	9.29	8.03	8.4	1.38	99.7
1076	11/29/2009 16:46	10.16	45.01	28.97	9.21	8.02	8.1	1.43	98.5
1077	11/29/2009 17:01	10.13	44.88	28.88	9.19	8.02	8.1	1.49	98.2
1078	11/29/2009 17:16	10.18	44.94	28.92	9.16	8.01	8.0	1.58	98.0
1079	11/29/2009 17:31	9.90	44.00	28.23	9.24	8.01	8.6	1.67	97.9
1080	11/29/2009 17:46	10.17	44.83	28.84	9.13	8.01	8.7	1.73	97.6
1081	11/29/2009 18:01	10.19	44.90	28.89	9.12	7.96	8.2	1.79	97.6
1082	11/29/2009 18:16	10.22	44.92	28.91	9.13	8.01	8.5	1.89	97.7
1083	11/29/2009 18:31	10.24	45.01	28.98	9.12	8.01	10.3	1.98	97.8
1084	11/29/2009 18:46	10.28	45.18	29.10	9.09	8.00	9.4	2.05	97.6
1085	11/29/2009 19:01	10.29	45.17	29.09	9.04	8.00	10.1	2.13	97.1
1086	11/29/2009 19:16	10.33	45.31	29.19	9.02	8.00	10.5	2.24	97.0
1087	11/29/2009 19:31	10.34	45.55	29.36	9.02	8.00	11.7	2.32	97.1
1088	11/29/2009 19:46	10.34	45.58	29.38	9.01	8.00	12.8	2.41	97.0
1089	11/29/2009 20:01	10.36	45.53	29.35	9.01	8.00	12.1	2.47	97.1
1090	11/29/2009 20:16	10.38	45.59	29.40	9.00	8.00	12.1	2.54	97.0
1091	11/29/2009 20:31	10.40	45.80	29.55	9.00	8.00	12.8	2.62	97.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1092	11/29/2009 20:46	10.42	45.84	29.57	8.99	7.99	13.1	2.69	97.1
1093	11/29/2009 21:01	10.43	45.88	29.60	8.98	7.99	13.2	2.77	97.0
1094	11/29/2009 21:16	10.43	46.05	29.73	9.01	7.99	15.4	2.82	97.4
1095	11/29/2009 21:31	10.43	46.02	29.70	9.01	7.94	13.0	2.87	97.4
1096	11/29/2009 21:46	10.44	46.07	29.74	9.00	7.99	10.7	2.93	97.3
1097	11/29/2009 22:01	10.44	46.19	29.83	8.99	7.98	9.6	2.98	97.3
1098	11/29/2009 22:16	10.42	46.44	30.00	8.94	7.97	8.3	3.02	96.8
1099	11/29/2009 22:31	10.40	46.61	30.13	8.91	7.97	6.5	3.02	96.5
1100	11/29/2009 22:46	10.39	46.73	30.21	8.80	7.91	5.1	3.04	95.4
1101	11/29/2009 23:01	10.40	46.54	30.07	8.85	7.97	7.0	3.04	95.9
1102	11/29/2009 23:16	10.38	46.74	30.22	8.88	7.96	7.8	3.03	96.2
1103	11/29/2009 23:31	10.39	46.63	30.14	8.89	7.97	9.8	2.98	96.3
1104	11/29/2009 23:46	10.36	46.32	29.92	8.85	7.97	8.9	2.96	95.6
1105	11/30/2009 0:01	10.28	46.04	29.71	8.81	7.92	7.7	2.92	95.0
1106	11/30/2009 0:16	10.32	45.97	29.66	8.85	7.98	10.4	2.84	95.4
1107	11/30/2009 0:31	10.28	45.87	29.59	8.83	7.98	11.3	2.77	95.1
1108	11/30/2009 0:46	10.19	45.82	29.55	8.79	7.98	9.6	2.70	94.5
1109	11/30/2009 1:01	10.10	45.72	29.47	8.72	7.92	8.7	2.65	93.5
1110	11/30/2009 1:16	10.08	45.69	29.45	8.74	7.93	9.0	2.57	93.7
1111	11/30/2009 1:31	10.04	45.55	29.35	8.73	7.98	7.9	2.52	93.4
1112	11/30/2009 1:46	9.99	45.56	29.35	8.69	7.97	8.1	2.45	92.9
1113	11/30/2009 2:01	10.02	45.56	29.36	8.72	7.93	7.1	2.39	93.2
1114	11/30/2009 2:16	9.92	45.54	29.34	8.69	7.92	6.1	2.36	92.7
1115	11/30/2009 2:31	9.95	45.48	29.29	8.68	7.97	5.2	2.33	92.7
1116	11/30/2009 2:46	9.91	45.39	29.22	8.67	7.97	5.1	2.30	92.4
1117	11/30/2009 3:01	9.94	45.31	29.17	8.73	7.98	5.0	2.28	93.1
1118	11/30/2009 3:16	9.91	45.29	29.16	8.72	7.98	5.1	2.28	92.9
1119	11/30/2009 3:31	9.84	45.30	29.16	8.73	7.97	4.6	2.26	92.8
1120	11/30/2009 3:46	9.87	45.32	29.17	8.78	7.98	5.2	2.31	93.5
1121	11/30/2009 4:01	9.88	45.38	29.22	8.76	7.97	5.0	2.30	93.3
1122	11/30/2009 4:16	9.96	45.44	29.26	8.78	7.98	5.6	2.35	93.7
1123	11/30/2009 4:31	9.99	45.42	29.25	8.80	7.98	7.0	2.42	94.0
1124	11/30/2009 4:46	9.92	45.31	29.17	8.82	7.98	10.6	2.48	93.9
1125	11/30/2009 5:01	9.93	45.37	29.21	8.82	7.98	9.6	2.56	94.0
1126	11/30/2009 5:16	10.09	45.52	29.33	8.82	7.98	11.7	2.63	94.4
1127	11/30/2009 5:31	10.15	45.85	29.57	8.81	7.93	10.4	2.72	94.7
1128	11/30/2009 5:46	10.18	45.92	29.62	8.82	7.97	12.5	2.79	94.8
1129	11/30/2009 6:01	10.22	46.16	29.79	8.86	7.97	12.6	2.86	95.4
1130	11/30/2009 6:16	10.19	46.30	29.89	8.89	7.91	12.0	2.95	95.7
1131	11/30/2009 6:31	10.20	46.51	30.04	8.94	7.96	11.3	3.03	96.4
1132	11/30/2009 6:46	10.21	46.63	30.13	8.93	7.96	12.9	3.11	96.3
1133	11/30/2009 7:01	10.14	46.96	30.36	8.93	7.94	18.7	3.19	96.3
1134	11/30/2009 7:16	10.09	47.19	30.52	8.92	7.89	21.6	3.29	96.3
1135	11/30/2009 7:31	9.99	47.39	30.66	8.92	7.88	22.2	3.39	96.1
1136	11/30/2009 7:46	9.93	47.42	30.68	8.91	7.92	14.8	3.45	95.9
1137	11/30/2009 8:01	9.87	47.63	30.82	8.88	7.92	16.4	3.56	95.5
1138	11/30/2009 8:16	9.82	47.67	30.85	8.85	7.91	13.7	3.61	95.1
1139	11/30/2009 8:31	9.77	47.76	30.91	8.81	7.91	12.5	3.67	94.7
1140	11/30/2009 8:46	9.75	47.76	30.91	8.79	7.91	9.5	3.74	94.3
1141	11/30/2009 9:01	9.73	47.76	30.91	8.80	7.90	7.9	3.81	94.4
1142	11/30/2009 9:16	9.73	47.83	30.96	8.78	7.90	6.7	3.84	94.3
1143	11/30/2009 9:31	9.72	47.93	31.03	8.79	7.85	5.9	3.86	94.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1144	11/30/2009 9:46	9.76	47.77	30.92	8.73	7.86	7.3	3.86	93.7
1145	11/30/2009 10:01	9.73	47.94	31.04	8.79	7.85	8.1	3.83	94.4
1146	11/30/2009 10:16	9.72	47.98	31.07	8.86	7.85	8.4	3.80	95.1
1147	11/30/2009 10:31	9.94	47.51	30.74	8.87	7.88	9.0	3.75	95.6
1148	11/30/2009 10:46	10.05	47.29	30.60	8.94	7.93	6.3	3.66	96.5
1149	11/30/2009 11:01	10.08	47.33	30.62	8.99	7.94	6.0	3.57	97.0
1150	11/30/2009 11:16	10.10	47.11	30.47	8.94	7.94	12.8	3.47	96.4
1151	11/30/2009 11:31	10.05	47.18	30.51	8.91	7.94	9.6	3.37	96.0
1152	11/30/2009 11:46	10.19	47.00	30.39	8.96	7.95	11.5	3.25	96.8
1153	11/30/2009 12:01	10.22	46.91	30.33	9.00	7.95	10.5	3.13	97.3
1154	11/30/2009 12:16	10.28	46.77	30.24	9.03	7.96	8.4	3.01	97.7
1155	11/30/2009 12:31	10.39	46.71	30.20	9.13	7.97	9.6	2.89	98.9
1156	11/30/2009 12:46	10.35	46.44	30.00	9.14	7.97	10.4	2.77	98.8
1157	11/30/2009 13:01	10.42	46.39	29.97	9.19	7.98	12.0	2.64	99.5
1158	11/30/2009 13:16	10.48	46.32	29.92	9.37	8.00	15.0	2.50	101.5
1159	11/30/2009 13:31	10.44	46.13	29.78	9.35	8.00	15.8	2.35	101.2
1160	11/30/2009 13:46	10.51	46.07	29.74	9.47	8.01	18.3	2.22	102.5
1161	11/30/2009 14:01	10.51	45.94	29.65	9.53	8.01	18.1	2.06	103.2
1162	11/30/2009 14:16	10.62	46.00	29.70	9.61	8.03	16.8	1.92	104.3
1163	11/30/2009 14:31	10.59	45.72	29.50	9.68	8.03	16.3	1.79	104.8
1164	11/30/2009 14:46	10.50	45.63	29.43	9.60	8.03	17.3	1.63	103.8
1165	11/30/2009 15:01	10.48	45.48	29.32	9.49	8.03	15.0	1.49	102.4
1166	11/30/2009 15:16	10.47	45.45	29.30	9.46	8.03	14.3	1.39	102.1
1167	11/30/2009 15:31	10.47	45.43	29.29	9.49	8.03	12.6	1.26	102.5
1168	11/30/2009 15:46	10.47	45.41	29.27	9.47	8.03	12.6	1.18	102.2
1169	11/30/2009 16:01	10.41	45.32	29.21	9.53	7.99	11.4	1.10	102.7
1170	11/30/2009 16:16	10.32	45.05	29.01	9.57	8.05	10.2	1.09	102.8
1171	11/30/2009 16:31	10.32	45.20	29.11	9.61	8.05	8.1	1.10	103.3
1172	11/30/2009 16:46	10.19	45.01	28.97	9.64	8.05	9.0	1.13	103.2
1173	11/30/2009 17:01	10.19	45.03	28.98	9.61	8.05	8.7	1.19	102.9
1174	11/30/2009 17:16	10.17	45.02	28.98	9.52	8.04	7.8	1.27	101.8
1175	11/30/2009 17:31	10.16	45.11	29.04	9.47	8.04	7.4	1.32	101.3
1176	11/30/2009 17:46	10.09	44.83	28.84	9.45	8.03	7.1	1.40	100.9
1177	11/30/2009 18:01	10.15	44.99	28.95	9.41	8.03	6.8	1.48	100.6
1178	11/30/2009 18:16	9.95	44.52	28.61	9.42	7.97	7.1	1.57	100.1
1179	11/30/2009 18:31	9.95	44.29	28.44	9.42	8.01	6.7	1.65	100.0
1180	11/30/2009 18:46	10.20	45.00	28.97	9.32	8.01	7.1	1.73	99.8
1181	11/30/2009 19:01	10.21	45.01	28.97	9.30	8.01	8.2	1.82	99.6
1182	11/30/2009 19:16	10.22	45.00	28.96	9.27	8.01	8.5	1.91	99.3
1183	11/30/2009 19:31	10.22	45.14	29.06	9.21	8.00	8.5	2.02	98.7
1184	11/30/2009 19:46	10.23	45.27	29.16	9.17	8.00	8.3	2.11	98.4
1185	11/30/2009 20:01	10.28	45.57	29.38	9.10	7.99	12.1	2.21	97.9
1186	11/30/2009 20:16	10.30	45.70	29.47	9.09	7.99	10.9	2.32	97.9
1187	11/30/2009 20:31	10.30	45.82	29.55	9.07	7.94	12.6	2.42	97.7
1188	11/30/2009 20:46	10.29	45.92	29.62	9.05	7.98	13.4	2.50	97.5
1189	11/30/2009 21:01	10.27	45.95	29.65	9.03	7.97	12.7	2.59	97.3
1190	11/30/2009 21:16	10.26	46.06	29.72	9.01	7.97	12.8	2.68	97.1
1191	11/30/2009 21:31	10.23	46.13	29.77	9.00	7.96	15.7	2.75	96.9
1192	11/30/2009 21:46	10.21	46.25	29.86	9.01	7.96	16.0	2.82	97.0
1193	11/30/2009 22:01	10.19	46.48	30.02	8.99	7.91	13.1	2.89	96.9
1194	11/30/2009 22:16	10.15	46.64	30.13	9.02	7.94	11.9	2.96	97.2
1195	11/30/2009 22:31	10.10	46.90	30.32	9.04	7.94	13.0	3.01	97.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1196	11/30/2009 22:46	10.07	47.02	30.40	9.07	7.93	10.5	3.07	97.8
1197	11/30/2009 23:01	10.05	47.22	30.54	9.05	7.93	9.0	3.12	97.6
1198	11/30/2009 23:16	10.03	47.24	30.55	9.03	7.92	7.1	3.15	97.4
1199	11/30/2009 23:31	10.01	47.28	30.58	8.97	7.92	6.1	3.16	96.7
1200	11/30/2009 23:46	10.05	47.18	30.51	8.96	7.88	6.7	3.18	96.6
1201	12/1/2009 0:01	10.01	47.27	30.58	8.93	7.92	6.5	3.15	96.3
1202	12/1/2009 0:16	10.01	47.23	30.55	8.99	7.92	8.7	3.12	96.9
1203	12/1/2009 0:31	10.02	47.09	30.45	8.98	7.93	8.2	3.08	96.7
1204	12/1/2009 0:46	10.03	46.79	30.23	8.95	7.89	10.8	3.02	96.3
1205	12/1/2009 1:01	10.05	46.72	30.19	8.94	7.89	11.4	2.93	96.2
1206	12/1/2009 1:16	10.04	46.44	29.98	8.89	7.95	12.3	2.86	95.4
1207	12/1/2009 1:31	10.02	46.34	29.91	8.86	7.95	10.1	2.80	95.1
1208	12/1/2009 1:46	10.01	46.26	29.85	8.82	7.90	9.8	2.73	94.6
1209	12/1/2009 2:01	9.91	46.07	29.71	8.78	7.95	7.4	2.65	93.9
1210	12/1/2009 2:16	9.96	46.10	29.73	8.81	7.95	8.2	2.59	94.3
1211	12/1/2009 2:31	9.92	46.06	29.70	8.78	7.91	7.4	2.55	93.9
1212	12/1/2009 2:46	9.92	45.99	29.65	8.78	7.95	7.5	2.49	93.8
1213	12/1/2009 3:01	9.91	45.91	29.59	8.77	7.95	6.2	2.46	93.7
1214	12/1/2009 3:16	9.89	45.76	29.49	8.79	7.96	5.4	2.41	93.8
1215	12/1/2009 3:31	9.87	45.85	29.55	8.76	7.95	5.0	2.38	93.5
1216	12/1/2009 3:46	9.89	45.62	29.39	8.81	7.96	4.9	2.36	94.0
1217	12/1/2009 4:01	9.90	45.61	29.38	8.82	7.97	4.6	2.35	94.0
1218	12/1/2009 4:16	9.88	45.56	29.34	8.77	7.96	4.3	2.34	93.5
1219	12/1/2009 4:31	9.86	45.65	29.41	8.84	7.96	4.2	2.36	94.2
1220	12/1/2009 4:46	9.90	45.76	29.49	8.84	7.96	4.9	2.40	94.3
1221	12/1/2009 5:01	9.93	45.83	29.54	8.85	7.96	6.2	2.44	94.5
1222	12/1/2009 5:16	9.95	45.87	29.57	8.83	7.96	7.7	2.49	94.4
1223	12/1/2009 5:31	9.86	45.75	29.48	8.84	7.95	8.1	2.56	94.2
1224	12/1/2009 5:46	9.93	45.95	29.62	8.84	7.91	10.1	2.63	94.5
1225	12/1/2009 6:01	9.97	46.12	29.75	8.84	7.91	8.2	2.71	94.6
1226	12/1/2009 6:16	9.98	46.38	29.94	8.84	7.94	11.0	2.79	94.8
1227	12/1/2009 6:31	9.98	46.66	30.14	8.89	7.89	11.5	2.87	95.4
1228	12/1/2009 6:46	9.97	46.89	30.30	8.93	7.89	12.0	2.95	95.9
1229	12/1/2009 7:01	9.97	46.98	30.36	8.93	7.88	10.4	3.03	96.0
1230	12/1/2009 7:16	9.96	47.01	30.39	8.93	7.92	11.2	3.13	96.0
1231	12/1/2009 7:31	9.93	47.30	30.59	8.85	7.91	17.3	3.22	95.2
1232	12/1/2009 7:46	9.89	47.43	30.68	8.76	7.90	16.4	3.31	94.1
1233	12/1/2009 8:01	9.86	47.66	30.85	8.68	7.85	16.5	3.40	93.4
1234	12/1/2009 8:16	9.79	47.77	30.92	8.58	7.89	19.0	3.51	92.2
1235	12/1/2009 8:31	9.75	47.95	31.05	8.51	7.84	20.1	3.59	91.5
1236	12/1/2009 8:46	9.73	47.99	31.08	8.47	7.84	18.1	3.68	91.0
1237	12/1/2009 9:01	9.70	48.05	31.11	8.46	7.84	14.4	3.77	90.8
1238	12/1/2009 9:16	9.69	48.02	31.10	8.45	7.88	13.9	3.84	90.7
1239	12/1/2009 9:31	9.67	48.09	31.14	8.46	7.84	10.1	3.90	90.8
1240	12/1/2009 9:46	9.67	48.10	31.15	8.48	7.84	7.9	3.95	91.0
1241	12/1/2009 10:01	9.68	48.11	31.15	8.46	7.88	5.2	4.00	90.8
1242	12/1/2009 10:16	9.68	48.08	31.13	8.42	7.84	4.9	4.00	90.3
1243	12/1/2009 10:31	9.70	47.95	31.04	8.44	7.84	5.9	4.01	90.6
1244	12/1/2009 10:46	9.69	48.00	31.08	8.43	7.83	6.9	3.98	90.5
1245	12/1/2009 11:01	9.69	47.99	31.07	8.45	7.84	9.3	3.94	90.7
1246	12/1/2009 11:16	9.73	47.95	31.04	8.52	7.88	8.2	3.88	91.5
1247	12/1/2009 11:31	9.99	47.50	30.74	8.79	7.91	6.2	3.77	94.7

sonde #1		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1248	12/1/2009 11:46	10.04	47.60	30.82	8.80	7.91	5.6	3.67	95.0
1249	12/1/2009 12:01	10.07	47.42	30.69	8.84	7.91	6.7	3.55	95.4
1250	12/1/2009 12:16	9.99	47.44	30.69	8.73	7.91	8.1	3.43	94.0
1251	12/1/2009 12:31	10.02	47.42	30.69	8.77	7.91	9.5	3.29	94.6
1252	12/1/2009 12:46	10.08	47.40	30.67	8.81	7.91	9.0	3.15	95.1
1253	12/1/2009 13:01	10.17	47.08	30.45	8.99	7.93	7.0	3.02	97.1
1254	12/1/2009 13:16	10.19	46.88	30.30	9.00	7.93	9.6	2.90	97.2
1255	12/1/2009 13:31	10.22	46.61	30.11	9.10	7.95	13.9	2.74	98.2
1256	12/1/2009 13:46	10.27	46.86	30.30	9.15	7.95	9.9	2.60	98.9
1257	12/1/2009 14:01	10.32	46.96	30.37	9.23	7.91	9.8	2.45	100.0
1258	12/1/2009 14:16	10.31	46.65	30.15	9.27	7.97	12.3	2.30	100.3
1259	12/1/2009 14:31	10.36	46.54	30.08	9.36	7.93	12.0	2.14	101.3
1260	12/1/2009 14:46	10.45	46.47	30.03	9.63	7.95	11.7	2.00	104.4
1261	12/1/2009 15:01	10.46	46.15	29.80	9.67	8.01	15.8	1.83	104.7
1262	12/1/2009 15:16	10.43	46.05	29.73	9.73	8.02	14.0	1.66	105.2
1263	12/1/2009 15:31	10.42	45.93	29.64	9.64	7.98	13.1	1.51	104.2
1264	12/1/2009 15:46	10.35	45.68	29.46	9.54	8.02	14.3	1.36	102.9
1265	12/1/2009 16:01	10.35	45.57	29.38	9.54	8.02	12.8	1.22	102.8
1266	12/1/2009 16:16	10.33	45.26	29.16	9.57	8.02	12.8	1.09	102.9
1267	12/1/2009 16:31	10.31	45.49	29.32	9.60	7.98	15.3	0.98	103.3
1268	12/1/2009 16:46	10.23	45.35	29.21	9.65	7.99	11.4	0.90	103.6
1269	12/1/2009 17:01	10.03	45.04	28.98	9.74	8.05	8.8	0.88	103.9
1270	12/1/2009 17:16	10.07	45.08	29.01	9.72	8.05	7.9	0.92	103.9
1271	12/1/2009 17:31	10.01	45.06	29.00	9.73	8.05	6.8	0.97	103.7
1272	12/1/2009 17:46	10.09	45.18	29.09	9.65	8.04	7.6	1.07	103.1
1273	12/1/2009 18:01	10.06	45.19	29.09	9.61	7.99	7.3	1.14	102.6
1274	12/1/2009 18:16	10.07	45.11	29.04	9.59	8.03	6.3	1.22	102.5
1275	12/1/2009 18:31	10.03	45.08	29.01	9.57	8.02	6.7	1.30	102.1
1276	12/1/2009 18:46	10.06	44.96	28.93	9.52	8.02	6.6	1.37	101.6
1277	12/1/2009 19:01	9.95	44.83	28.83	9.51	8.01	7.0	1.45	101.2
1278	12/1/2009 19:16	10.09	45.01	28.97	9.46	8.01	6.9	1.52	101.0
1279	12/1/2009 19:31	10.09	45.04	28.99	9.44	8.01	6.9	1.61	100.8
1280	12/1/2009 19:46	10.10	45.11	29.04	9.43	8.00	7.8	1.72	100.8
1281	12/1/2009 20:01	10.14	45.30	29.17	9.41	7.96	8.2	1.81	100.7
1282	12/1/2009 20:16	10.11	45.20	29.10	9.36	7.99	8.2	1.92	100.2
1283	12/1/2009 20:31	10.16	45.48	29.30	9.29	7.98	10.2	2.04	99.6
1284	12/1/2009 20:46	10.23	45.78	29.52	9.22	7.98	11.2	2.16	99.1
1285	12/1/2009 21:01	10.25	45.95	29.64	9.19	7.97	10.9	2.26	98.9
1286	12/1/2009 21:16	10.22	45.99	29.67	9.16	7.97	12.1	2.38	98.6
1287	12/1/2009 21:31	10.20	46.11	29.76	9.14	7.96	15.3	2.48	98.3
1288	12/1/2009 21:46	10.19	46.04	29.71	9.11	7.95	14.8	2.58	98.0
1289	12/1/2009 22:01	10.17	46.40	29.96	9.05	7.91	18.4	2.67	97.4
1290	12/1/2009 22:16	10.12	46.56	30.07	9.02	7.90	20.7	2.75	97.1
1291	12/1/2009 22:31	10.09	46.59	30.09	8.98	7.93	22.2	2.84	96.6
1292	12/1/2009 22:46	10.06	46.86	30.29	8.94	7.92	19.2	2.92	96.3
1293	12/1/2009 23:01	10.02	47.04	30.41	8.92	7.92	17.9	3.00	96.1
1294	12/1/2009 23:16	10.01	47.23	30.54	8.91	7.87	15.4	3.07	95.9
1295	12/1/2009 23:31	10.00	47.29	30.59	8.88	7.87	18.2	3.13	95.6
1296	12/1/2009 23:46	9.99	47.23	30.55	8.84	7.91	13.3	3.19	95.2
1297	12/2/2009 0:01	9.99	47.36	30.64	8.81	7.91	9.3	3.23	94.9
1298	12/2/2009 0:16	9.98	47.26	30.57	8.78	7.91	6.4	3.26	94.6
1299	12/2/2009 0:31	9.99	47.20	30.52	8.75	7.91	6.4	3.28	94.2

sonde #1		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1300	12/2/2009 0:46	9.99	47.24	30.55	8.75	7.91	7.8	3.27	94.2
1301	12/2/2009 1:01	9.98	47.43	30.69	8.76	7.87	8.5	3.24	94.4
1302	12/2/2009 1:16	9.96	47.21	30.53	8.76	7.91	10.3	3.20	94.3
1303	12/2/2009 1:31	9.87	46.75	30.20	8.77	7.92	10.1	3.13	93.9
1304	12/2/2009 1:46	9.95	47.00	30.38	8.83	7.88	13.8	3.05	94.9
1305	12/2/2009 2:01	9.94	46.80	30.24	8.84	7.88	12.5	2.97	94.9
1306	12/2/2009 2:16	9.93	46.60	30.09	8.83	7.92	9.4	2.90	94.6
1307	12/2/2009 2:31	9.95	46.60	30.09	8.86	7.93	10.9	2.83	95.0
1308	12/2/2009 2:46	9.88	46.64	30.12	8.80	7.88	6.5	2.75	94.2
1309	12/2/2009 3:01	9.88	46.40	29.94	8.81	7.93	6.3	2.70	94.3
1310	12/2/2009 3:16	9.89	46.34	29.90	8.81	7.93	6.4	2.64	94.3
1311	12/2/2009 3:31	9.89	46.29	29.86	8.80	7.93	5.9	2.58	94.2
1312	12/2/2009 3:46	9.89	46.16	29.77	8.80	7.94	5.6	2.54	94.1
1313	12/2/2009 4:01	9.88	46.06	29.70	8.78	7.93	5.1	2.49	93.8
1314	12/2/2009 4:16	9.88	46.04	29.69	8.81	7.94	5.0	2.46	94.1
1315	12/2/2009 4:31	9.87	46.06	29.70	8.80	7.90	4.7	2.44	94.0
1316	12/2/2009 4:46	9.88	45.94	29.62	8.78	7.94	3.9	2.42	93.8
1317	12/2/2009 5:01	9.88	45.81	29.52	8.82	7.94	4.0	2.43	94.1
1318	12/2/2009 5:16	9.86	45.95	29.62	8.81	7.94	4.3	2.44	94.1
1319	12/2/2009 5:31	9.86	46.03	29.68	8.78	7.93	4.8	2.47	93.7
1320	12/2/2009 5:46	9.91	46.23	29.82	8.81	7.89	5.7	2.52	94.3
1321	12/2/2009 6:01	9.92	46.30	29.88	8.83	7.89	6.3	2.56	94.5
1322	12/2/2009 6:16	9.83	46.14	29.75	8.86	7.89	8.4	2.63	94.6
1323	12/2/2009 6:31	9.91	46.26	29.85	8.85	7.93	8.1	2.70	94.7
1324	12/2/2009 6:46	9.91	46.30	29.87	8.84	7.93	8.2	2.78	94.7
1325	12/2/2009 7:01	9.94	46.70	30.16	8.81	7.92	9.0	2.85	94.5
1326	12/2/2009 7:16	9.96	46.91	30.31	8.83	7.92	8.4	2.94	94.9
1327	12/2/2009 7:31	9.97	47.05	30.41	8.83	7.92	8.9	3.03	95.0
1328	12/2/2009 7:46	9.99	47.03	30.40	8.83	7.92	10.6	3.11	95.0
1329	12/2/2009 8:01	9.99	46.98	30.37	8.84	7.92	9.6	3.21	95.0
1330	12/2/2009 8:16	9.99	47.36	30.64	8.80	7.88	12.5	3.31	94.8
1331	12/2/2009 8:31	9.99	47.53	30.76	8.75	7.87	11.8	3.40	94.4
1332	12/2/2009 8:46	9.99	47.49	30.73	8.72	7.91	13.6	3.50	94.0
1333	12/2/2009 9:01	9.97	47.74	30.91	8.71	7.91	15.5	3.60	94.0
1334	12/2/2009 9:16	9.97	47.83	30.97	8.72	7.91	14.5	3.68	94.1
1335	12/2/2009 9:31	9.97	47.77	30.93	8.71	7.91	11.8	3.77	94.0
1336	12/2/2009 9:46	9.97	47.87	31.00	8.69	7.91	10.4	3.85	93.7
1337	12/2/2009 10:01	9.96	47.78	30.94	8.65	7.91	8.4	3.92	93.3
1338	12/2/2009 10:16	9.96	47.89	31.02	8.64	7.91	6.7	3.98	93.3
1339	12/2/2009 10:31	9.96	47.85	30.99	8.62	7.91	5.9	4.03	93.0
1340	12/2/2009 10:46	9.96	47.92	31.04	8.58	7.91	3.8	4.07	92.6
1341	12/2/2009 11:01	9.97	47.85	30.99	8.50	7.91	3.1	4.09	91.7
1342	12/2/2009 11:16	9.97	47.72	30.89	8.58	7.91	5.2	4.08	92.6
1343	12/2/2009 11:31	9.97	47.82	30.96	8.59	7.91	5.0	4.06	92.7
1344	12/2/2009 11:46	9.98	47.81	30.96	8.60	7.91	6.1	4.01	92.9
1345	12/2/2009 12:01	10.03	47.77	30.93	8.72	7.92	6.5	3.94	94.2
1346	12/2/2009 12:16	10.16	47.78	30.95	8.89	7.93	5.9	3.85	96.3
1347	12/2/2009 12:31	10.19	47.87	31.02	8.92	7.88	8.5	3.74	96.7
1348	12/2/2009 12:46	10.17	47.56	30.80	8.90	7.88	9.2	3.61	96.3
1349	12/2/2009 13:01	10.13	47.59	30.81	8.86	7.88	8.1	3.48	95.9
1350	12/2/2009 13:16	10.15	47.39	30.67	8.87	7.92	7.0	3.36	96.0
1351	12/2/2009 13:31	10.15	47.50	30.75	8.90	7.89	5.6	3.21	96.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1352	12/2/2009 13:46	10.19	47.27	30.59	9.00	7.94	6.2	3.08	97.3
1353	12/2/2009 14:01	10.24	47.13	30.49	9.09	7.94	5.9	2.93	98.4
1354	12/2/2009 14:16	10.23	46.71	30.19	9.07	7.94	12.8	2.77	97.9
1355	12/2/2009 14:31	10.26	46.82	30.27	9.12	7.95	10.5	2.63	98.5
1356	12/2/2009 14:46	10.30	47.21	30.55	9.26	7.92	8.2	2.47	100.4
1357	12/2/2009 15:01	10.29	46.86	30.30	9.36	7.97	9.6	2.31	101.3
1358	12/2/2009 15:16	10.29	46.52	30.05	9.40	7.97	11.8	2.14	101.5
1359	12/2/2009 15:31	10.31	46.48	30.02	9.45	7.98	12.8	1.99	102.2
1360	12/2/2009 15:46	10.32	46.35	29.93	9.57	7.99	10.1	1.83	103.4
1361	12/2/2009 16:01	10.31	46.37	29.95	9.58	8.00	10.7	1.66	103.5
1362	12/2/2009 16:16	10.29	46.06	29.72	9.48	7.99	11.1	1.49	102.2
1363	12/2/2009 16:31	10.27	45.80	29.54	9.38	7.99	10.5	1.32	101.0
1364	12/2/2009 16:46	10.27	45.90	29.61	9.36	7.99	11.7	1.17	100.8
1365	12/2/2009 17:01	10.27	45.69	29.46	9.37	7.99	10.7	1.04	100.8
1366	12/2/2009 17:16	10.24	45.78	29.52	9.37	7.99	10.4	0.92	100.8
1367	12/2/2009 17:31	10.20	45.66	29.43	9.45	8.00	10.0	0.85	101.4
1368	12/2/2009 17:46	10.12	45.45	29.28	9.46	7.98	8.4	0.83	101.4
1369	12/2/2009 18:01	10.14	45.45	29.28	9.49	7.98	6.5	0.85	101.7
1370	12/2/2009 18:16	10.13	45.22	29.12	9.51	8.01	6.3	0.93	101.7
1371	12/2/2009 18:31	10.14	45.45	29.28	9.46	7.97	5.9	1.01	101.4
1372	12/2/2009 18:46	10.13	45.46	29.29	9.42	7.97	5.9	1.10	100.9
1373	12/2/2009 19:01	10.14	45.33	29.20	9.43	8.00	5.8	1.21	101.0
1374	12/2/2009 19:16	10.10	45.34	29.20	9.41	8.00	6.1	1.26	100.7
1375	12/2/2009 19:31	10.12	45.41	29.25	9.39	7.96	5.8	1.34	100.6
1376	12/2/2009 19:46	10.11	45.26	29.14	9.35	7.99	5.9	1.43	100.1
1377	12/2/2009 20:01	10.12	45.32	29.19	9.35	7.99	6.0	1.50	100.1
1378	12/2/2009 20:16	10.11	45.36	29.22	9.34	7.98	6.6	1.60	100.0
1379	12/2/2009 20:31	10.08	45.20	29.10	9.34	7.98	6.3	1.69	99.8
1380	12/2/2009 20:46	10.11	45.46	29.29	9.33	7.98	7.0	1.82	99.9
1381	12/2/2009 21:01	10.13	45.55	29.35	9.30	7.97	7.0	1.91	99.7
1382	12/2/2009 21:16	10.18	45.83	29.56	9.23	7.96	9.5	2.04	99.2
1383	12/2/2009 21:31	10.22	46.03	29.70	9.17	7.96	9.3	2.16	98.7
1384	12/2/2009 21:46	10.22	46.16	29.79	9.15	7.96	8.9	2.27	98.6
1385	12/2/2009 22:01	10.21	46.26	29.87	9.13	7.95	10.1	2.39	98.3
1386	12/2/2009 22:16	10.21	46.28	29.88	9.11	7.95	10.1	2.50	98.2
1387	12/2/2009 22:31	10.20	46.44	29.99	9.08	7.94	12.5	2.60	97.8
1388	12/2/2009 22:46	10.20	46.55	30.07	9.03	7.91	15.2	2.69	97.4
1389	12/2/2009 23:01	10.17	46.71	30.18	9.00	7.90	16.2	2.79	97.0
1390	12/2/2009 23:16	10.15	46.74	30.20	8.96	7.93	17.2	2.88	96.6
1391	12/2/2009 23:31	10.12	47.11	30.46	8.89	7.89	18.9	2.96	95.9
1392	12/2/2009 23:46	10.10	47.18	30.52	8.84	7.92	18.2	3.05	95.4
1393	12/3/2009 0:01	10.08	47.37	30.65	8.79	7.88	21.2	3.12	94.9
1394	12/3/2009 0:16	10.07	47.34	30.63	8.74	7.91	15.9	3.20	94.4
1395	12/3/2009 0:31	10.05	47.50	30.74	8.66	7.88	15.9	3.27	93.4
1396	12/3/2009 0:46	10.03	47.47	30.72	8.59	7.90	9.2	3.31	92.7
1397	12/3/2009 1:01	10.02	47.50	30.74	8.53	7.90	5.0	3.35	92.0
1398	12/3/2009 1:16	10.02	47.58	30.80	8.49	7.87	4.7	3.36	91.6
1399	12/3/2009 1:31	10.03	47.50	30.74	8.55	7.87	6.8	3.35	92.3
1400	12/3/2009 1:46	10.01	47.50	30.74	8.53	7.90	6.1	3.33	92.0
1401	12/3/2009 2:01	10.02	47.38	30.65	8.57	7.91	9.9	3.28	92.4
1402	12/3/2009 2:16	10.02	46.91	30.32	8.73	7.88	10.6	3.21	93.9
1403	12/3/2009 2:31	10.05	47.21	30.54	8.73	7.88	11.4	3.14	94.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1404	12/3/2009 2:46	10.06	47.12	30.47	8.76	7.88	11.0	3.06	94.4
1405	12/3/2009 3:01	10.06	46.99	30.38	8.75	7.88	9.5	2.98	94.2
1406	12/3/2009 3:16	10.05	46.85	30.28	8.74	7.88	8.7	2.90	94.1
1407	12/3/2009 3:31	10.02	46.81	30.25	8.75	7.88	6.3	2.83	94.1
1408	12/3/2009 3:46	10.03	46.56	30.07	8.75	7.92	5.6	2.76	94.0
1409	12/3/2009 4:01	10.05	46.56	30.07	8.75	7.92	5.5	2.70	94.1
1410	12/3/2009 4:16	10.03	46.43	29.98	8.75	7.92	5.2	2.64	94.0
1411	12/3/2009 4:31	10.04	46.51	30.03	8.75	7.88	4.8	2.60	94.0
1412	12/3/2009 4:46	10.03	46.34	29.91	8.74	7.92	4.7	2.56	93.8
1413	12/3/2009 5:01	10.02	46.21	29.82	8.72	7.92	4.3	2.52	93.5
1414	12/3/2009 5:16	10.03	46.23	29.83	8.76	7.93	4.4	2.50	93.9
1415	12/3/2009 5:31	10.03	46.16	29.78	8.73	7.92	4.2	2.49	93.6
1416	12/3/2009 5:46	10.03	46.19	29.80	8.68	7.92	3.1	2.47	93.1
1417	12/3/2009 6:01	10.01	46.18	29.80	8.77	7.93	3.4	2.48	94.0
1418	12/3/2009 6:16	10.01	46.24	29.84	8.77	7.92	4.0	2.51	94.1
1419	12/3/2009 6:31	10.03	46.41	29.96	8.76	7.88	4.9	2.54	94.0
1420	12/3/2009 6:46	10.02	46.48	30.01	8.74	7.88	5.1	2.60	93.8
1421	12/3/2009 7:01	9.97	46.36	29.92	8.81	7.88	8.3	2.66	94.4
1422	12/3/2009 7:16	9.97	46.35	29.91	8.82	7.89	7.8	2.73	94.5
1423	12/3/2009 7:31	10.02	46.49	30.02	8.79	7.92	7.6	2.80	94.4
1424	12/3/2009 7:46	10.03	46.64	30.12	8.77	7.91	8.3	2.88	94.2
1425	12/3/2009 8:01	10.02	47.11	30.46	8.72	7.88	7.8	2.97	93.9
1426	12/3/2009 8:16	10.02	47.16	30.50	8.71	7.91	7.7	3.06	93.8
1427	12/3/2009 8:31	10.02	47.19	30.52	8.69	7.91	8.5	3.15	93.6
1428	12/3/2009 8:46	10.01	47.16	30.50	8.69	7.91	8.9	3.25	93.6
1429	12/3/2009 9:01	9.98	47.36	30.64	8.64	7.90	10.3	3.35	93.0
1430	12/3/2009 9:16	9.97	47.62	30.83	8.57	7.87	10.4	3.45	92.4
1431	12/3/2009 9:31	9.95	47.67	30.86	8.53	7.86	11.7	3.54	91.9
1432	12/3/2009 9:46	9.91	47.83	30.97	8.44	7.89	12.0	3.65	91.0
1433	12/3/2009 10:01	9.89	47.95	31.05	8.38	7.86	11.0	3.75	90.3
1434	12/3/2009 10:16	9.88	47.78	30.93	8.33	7.89	10.4	3.84	89.7
1435	12/3/2009 10:31	9.88	48.00	31.09	8.28	7.89	8.4	3.92	89.2
1436	12/3/2009 10:46	9.88	47.99	31.08	8.26	7.89	6.5	4.00	89.0
1437	12/3/2009 11:01	9.88	47.99	31.08	8.26	7.85	5.2	4.06	89.0
1438	12/3/2009 11:16	9.88	48.02	31.11	8.22	7.89	4.4	4.10	88.6
Mean		10.58	46.09	29.76	9.30	8.00	7.8	2.63	100.9
Minimum		9.67	44.00	28.23	8.22	7.83	0.3	0.83	88.6
Maximum		11.52	48.11	31.15	11.11	8.19	150.9	4.10	120.6

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

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	12/3/2009 11:46	9.73	51.11	33.33	8.56	7.84	4.6	4.18	93.3
1	12/3/2009 12:01	9.72	51.15	33.35	8.04	7.84	4.0	4.15	87.6
2	12/3/2009 12:16	9.71	51.17	33.37	7.82	7.92	4.2	4.12	85.2
3	12/3/2009 12:31	9.74	51.14	33.35	7.88	7.88	4.9	4.06	85.9
4	12/3/2009 12:46	9.86	51.05	33.29	8.15	7.92	3.4	3.99	89.0
5	12/3/2009 13:01	9.90	50.93	33.21	8.20	7.93	3.1	3.90	89.6
6	12/3/2009 13:16	9.88	50.92	33.20	8.18	7.94	2.6	3.79	89.3
7	12/3/2009 13:31	9.92	50.64	33.00	8.26	7.94	4.6	3.67	90.3
8	12/3/2009 13:46	9.89	50.55	32.93	8.18	7.96	4.7	3.54	89.2
9	12/3/2009 14:01	9.89	50.59	32.96	8.18	7.94	4.7	3.41	89.3
10	12/3/2009 14:16	9.91	50.54	32.93	8.26	7.94	3.6	3.26	90.1
11	12/3/2009 14:31	9.96	50.37	32.80	8.32	7.95	5.5	3.12	90.8
12	12/3/2009 14:46	9.99	50.29	32.75	8.41	7.97	4.5	2.99	91.8
13	12/3/2009 15:01	10.02	50.15	32.65	8.50	7.96	5.6	2.82	92.8
14	12/3/2009 15:16	10.02	50.31	32.77	8.50	7.98	6.9	2.67	92.9
15	12/3/2009 15:31	10.02	50.19	32.68	8.57	7.99	7.6	2.50	93.6
16	12/3/2009 15:46	10.03	50.04	32.58	8.63	7.98	12.4	2.34	94.2
17	12/3/2009 16:01	10.03	49.73	32.34	8.69	7.98	12.8	2.20	94.7
18	12/3/2009 16:16	10.03	49.63	32.28	8.75	7.99	9.3	2.03	95.3
19	12/3/2009 16:31	10.01	49.57	32.23	8.82	8.00	9.6	1.85	96.0
20	12/3/2009 16:46	9.99	49.58	32.24	8.79	8.00	7.7	1.71	95.6
21	12/3/2009 17:01	9.99	49.29	32.03	8.71	7.99	9.5	1.53	94.7
22	12/3/2009 17:16	9.99	49.35	32.07	8.65	7.99	9.7	1.37	94.0
23	12/3/2009 17:31	9.98	49.35	32.07	8.61	7.98	9.2	1.23	93.6
24	12/3/2009 17:46	9.97	49.25	32.00	8.61	7.98	9.6	1.06	93.5
25	12/3/2009 18:01	9.94	48.97	31.80	8.67	7.99	9.9	0.91	94.0
26	12/3/2009 18:16	9.89	48.81	31.68	8.68	8.00	8.9	0.82	94.0
27	12/3/2009 18:31	9.80	48.65	31.55	8.68	8.00	6.1	0.79	93.7
28	12/3/2009 18:46	9.83	48.61	31.53	8.67	8.00	5.5	0.81	93.6
29	12/3/2009 19:01	9.80	48.56	31.49	8.74	8.00	4.9	0.87	94.3
30	12/3/2009 19:16	9.81	48.57	31.49	8.71	8.00	5.1	0.97	94.0
31	12/3/2009 19:31	9.85	48.57	31.50	8.68	8.00	5.2	1.09	93.8
32	12/3/2009 19:46	9.87	48.63	31.54	8.68	8.00	4.9	1.17	93.8
33	12/3/2009 20:01	9.81	48.53	31.47	8.64	7.99	5.1	1.26	93.2
34	12/3/2009 20:16	9.84	48.57	31.50	8.68	7.99	5.2	1.35	93.7
35	12/3/2009 20:31	9.84	48.52	31.47	8.66	7.99	5.1	1.43	93.5
36	12/3/2009 20:46	9.88	48.58	31.51	8.65	7.99	4.7	1.50	93.5
37	12/3/2009 21:01	9.87	48.54	31.48	8.67	7.98	6.1	1.61	93.7
38	12/3/2009 21:16	9.86	48.55	31.49	8.66	7.98	5.9	1.70	93.6
39	12/3/2009 21:31	9.88	48.74	31.62	8.65	7.98	5.3	1.79	93.6
40	12/3/2009 21:46	9.82	48.79	31.66	8.65	7.98	5.1	1.94	93.5
41	12/3/2009 22:01	9.93	49.19	31.95	8.58	7.97	6.9	2.04	93.1
42	12/3/2009 22:16	9.94	49.33	32.05	8.55	7.97	6.5	2.16	92.8
43	12/3/2009 22:31	9.94	49.36	32.08	8.54	7.97	7.8	2.30	92.7
44	12/3/2009 22:46	9.93	49.43	32.13	8.52	7.97	8.5	2.41	92.6
45	12/3/2009 23:01	9.93	49.50	32.18	8.51	7.97	8.4	2.53	92.4
46	12/3/2009 23:16	9.94	49.61	32.26	8.46	7.96	10.4	2.65	92.0
47	12/3/2009 23:31	9.93	49.66	32.29	8.43	7.96	11.4	2.73	91.7
48	12/3/2009 23:46	9.88	49.87	32.44	8.38	7.95	14.8	2.83	91.2
49	12/4/2009 0:01	9.84	50.06	32.58	8.37	7.94	13.9	2.91	91.0
50	12/4/2009 0:16	9.79	50.30	32.74	8.42	7.94	14.0	3.00	91.6
51	12/4/2009 0:31	9.76	50.44	32.85	8.47	7.93	13.6	3.08	92.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
52	12/4/2009 0:46	9.71	50.55	32.92	8.43	7.93	11.2	3.16	91.6
53	12/4/2009 1:01	9.68	50.67	33.00	8.40	7.92	9.0	3.20	91.2
54	12/4/2009 1:16	9.64	50.75	33.06	8.33	7.92	8.1	3.29	90.5
55	12/4/2009 1:31	9.63	50.80	33.10	8.28	7.92	6.8	3.31	89.9
56	12/4/2009 1:46	9.63	50.77	33.08	8.22	7.92	5.9	3.35	89.2
57	12/4/2009 2:01	9.62	50.82	33.11	8.14	7.92	4.0	3.39	88.3
58	12/4/2009 2:16	9.65	50.68	33.01	8.21	7.92	3.5	3.38	89.2
59	12/4/2009 2:31	9.62	50.81	33.10	8.15	7.91	4.5	3.34	88.4
60	12/4/2009 2:46	9.62	50.79	33.09	8.14	7.91	4.6	3.32	88.4
61	12/4/2009 3:01	9.63	50.38	32.79	8.22	7.92	7.0	3.26	89.1
62	12/4/2009 3:16	9.66	50.37	32.79	8.29	7.92	8.5	3.19	89.9
63	12/4/2009 3:31	9.66	50.35	32.77	8.29	7.93	9.9	3.10	89.9
64	12/4/2009 3:46	9.62	50.11	32.60	8.28	7.93	6.5	3.02	89.6
65	12/4/2009 4:01	9.65	50.07	32.56	8.28	7.93	7.2	2.94	89.7
66	12/4/2009 4:16	9.65	49.97	32.50	8.28	7.93	7.3	2.85	89.6
67	12/4/2009 4:31	9.62	49.84	32.40	8.27	7.93	6.2	2.78	89.3
68	12/4/2009 4:46	9.58	49.78	32.36	8.23	7.93	4.8	2.73	88.8
69	12/4/2009 5:01	9.52	49.70	32.29	8.21	7.93	4.2	2.65	88.5
70	12/4/2009 5:16	9.54	49.62	32.23	8.23	7.93	3.8	2.60	88.7
71	12/4/2009 5:31	9.55	49.55	32.19	8.21	7.93	3.7	2.56	88.5
72	12/4/2009 5:46	9.54	49.48	32.13	8.23	7.93	4.1	2.51	88.7
73	12/4/2009 6:01	9.54	49.49	32.14	8.18	7.93	2.9	2.48	88.1
74	12/4/2009 6:16	9.57	49.49	32.14	8.23	7.94	2.9	2.45	88.7
75	12/4/2009 6:31	9.60	49.44	32.11	8.26	7.94	2.7	2.42	89.0
76	12/4/2009 6:46	9.56	49.41	32.08	8.24	7.94	2.3	2.43	88.8
77	12/4/2009 7:01	9.55	49.38	32.06	8.30	7.94	2.5	2.43	89.3
78	12/4/2009 7:16	9.54	49.48	32.13	8.26	7.93	2.9	2.49	88.9
79	12/4/2009 7:31	9.56	49.52	32.16	8.26	7.93	3.4	2.52	89.0
80	12/4/2009 7:46	9.60	49.61	32.23	8.27	7.93	5.7	2.59	89.2
81	12/4/2009 8:01	9.48	49.37	32.05	8.28	7.94	7.7	2.65	89.0
82	12/4/2009 8:16	9.56	49.58	32.21	8.29	7.94	5.7	2.73	89.3
83	12/4/2009 8:31	9.59	49.74	32.33	8.28	7.93	4.9	2.82	89.4
84	12/4/2009 8:46	9.61	50.02	32.53	8.25	7.93	5.2	2.89	89.2
85	12/4/2009 9:01	9.61	50.22	32.67	8.29	7.92	5.9	2.99	89.7
86	12/4/2009 9:16	9.63	50.30	32.73	8.30	7.92	5.2	3.07	89.9
87	12/4/2009 9:31	9.63	50.35	32.77	8.29	7.92	6.2	3.17	89.8
88	12/4/2009 9:46	9.61	50.46	32.85	8.25	7.92	7.9	3.26	89.4
89	12/4/2009 10:01	9.58	50.59	32.94	8.16	7.91	8.3	3.36	88.4
90	12/4/2009 10:16	9.56	50.70	33.01	8.11	7.91	9.7	3.47	87.8
91	12/4/2009 10:31	9.52	50.81	33.10	8.01	7.91	9.8	3.55	86.7
92	12/4/2009 10:46	9.47	50.94	33.18	7.89	7.90	10.6	3.66	85.5
93	12/4/2009 11:01	9.43	51.07	33.28	7.80	7.90	9.4	3.74	84.4
94	12/4/2009 11:16	9.42	51.07	33.28	7.75	7.89	8.2	3.82	83.8
95	12/4/2009 11:31	9.41	51.11	33.30	7.73	7.89	7.3	3.90	83.7
96	12/4/2009 11:46	9.42	51.08	33.28	7.78	7.90	5.2	3.96	84.2
97	12/4/2009 12:01	9.44	51.21	33.37	7.80	7.91	4.3	4.00	84.5
98	12/4/2009 12:16	9.44	51.23	33.39	7.82	7.89	3.3	4.04	84.7
99	12/4/2009 12:31	9.47	51.21	33.38	7.76	7.89	2.6	4.07	84.1
100	12/4/2009 12:46	9.48	51.10	33.30	7.76	7.90	2.9	4.07	84.1
101	12/4/2009 13:01	9.44	51.20	33.37	7.75	7.89	3.4	4.05	83.9
102	12/4/2009 13:16	9.45	51.17	33.35	7.74	7.90	4.2	3.99	83.9
103	12/4/2009 13:31	9.62	51.09	33.30	7.95	7.91	5.9	3.93	86.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
104	12/4/2009 13:46	9.78	51.02	33.26	8.18	7.92	3.3	3.84	89.2
105	12/4/2009 14:01	9.77	50.93	33.20	8.25	7.93	4.0	3.74	89.9
106	12/4/2009 14:16	9.74	50.80	33.10	8.22	7.92	3.8	3.62	89.4
107	12/4/2009 14:31	9.68	50.76	33.07	8.18	7.92	6.4	3.50	88.9
108	12/4/2009 14:46	9.68	50.72	33.04	8.17	7.93	5.1	3.38	88.8
109	12/4/2009 15:01	9.69	50.72	33.04	8.17	7.93	5.7	3.25	88.8
110	12/4/2009 15:16	9.72	50.63	32.98	8.26	7.93	5.9	3.11	89.8
111	12/4/2009 15:31	9.76	50.39	32.80	8.39	7.94	5.2	2.97	91.2
112	12/4/2009 15:46	9.78	50.28	32.73	8.44	7.94	8.6	2.83	91.7
113	12/4/2009 16:01	9.76	50.40	32.81	8.44	7.94	5.4	2.67	91.8
114	12/4/2009 16:16	9.71	50.54	32.91	8.40	7.94	4.6	2.53	91.3
115	12/4/2009 16:31	9.72	50.45	32.84	8.46	7.94	6.2	2.35	91.9
116	12/4/2009 16:46	9.75	50.08	32.58	8.48	7.95	8.8	2.20	92.0
117	12/4/2009 17:01	9.75	49.96	32.49	8.53	7.95	10.9	2.04	92.5
118	12/4/2009 17:16	9.76	49.75	32.34	8.57	7.96	10.6	1.87	92.9
119	12/4/2009 17:31	9.76	49.65	32.27	8.58	7.96	10.2	1.70	92.9
120	12/4/2009 17:46	9.79	49.56	32.21	8.58	7.97	11.7	1.52	93.0
121	12/4/2009 18:01	9.80	49.34	32.05	8.59	7.97	11.0	1.37	93.0
122	12/4/2009 18:16	9.79	49.33	32.04	8.56	7.96	10.4	1.20	92.7
123	12/4/2009 18:31	9.80	49.27	32.00	8.56	7.96	8.9	1.07	92.6
124	12/4/2009 18:46	9.76	49.15	31.91	8.58	7.96	9.4	0.94	92.7
125	12/4/2009 19:01	9.71	49.09	31.86	8.59	7.97	7.4	0.85	92.7
126	12/4/2009 19:16	9.57	48.97	31.77	8.53	7.96	5.1	0.84	91.7
127	12/4/2009 19:31	9.60	48.90	31.72	8.62	7.96	5.7	0.83	92.7
128	12/4/2009 19:46	9.61	48.81	31.66	8.66	7.97	4.4	0.91	93.2
129	12/4/2009 20:01	9.57	48.83	31.66	8.64	7.97	5.0	1.02	92.9
130	12/4/2009 20:16	9.55	48.77	31.63	8.63	7.96	4.9	1.11	92.7
131	12/4/2009 20:31	9.58	48.85	31.68	8.65	7.97	3.7	1.21	92.9
132	12/4/2009 20:46	9.48	48.64	31.53	8.63	7.95	4.3	1.26	92.4
133	12/4/2009 21:01	9.52	48.72	31.58	8.62	7.96	4.2	1.34	92.5
134	12/4/2009 21:16	9.57	48.72	31.59	8.62	7.96	4.0	1.43	92.6
135	12/4/2009 21:31	9.58	48.79	31.64	8.61	7.95	4.5	1.51	92.5
136	12/4/2009 21:46	9.55	48.71	31.58	8.61	7.95	4.3	1.61	92.5
137	12/4/2009 22:01	9.50	48.67	31.54	8.61	7.94	4.4	1.71	92.3
138	12/4/2009 22:16	9.63	48.97	31.77	8.60	7.95	4.8	1.83	92.6
139	12/4/2009 22:31	9.67	49.14	31.90	8.59	7.95	4.5	1.92	92.6
140	12/4/2009 22:46	9.74	49.35	32.05	8.55	7.96	5.2	2.05	92.5
141	12/4/2009 23:01	9.76	49.45	32.12	8.54	7.95	5.6	2.17	92.4
142	12/4/2009 23:16	9.77	49.48	32.15	8.51	7.95	6.3	2.29	92.2
143	12/4/2009 23:31	9.77	49.58	32.22	8.50	7.95	7.1	2.40	92.1
144	12/4/2009 23:46	9.77	49.65	32.27	8.49	7.94	8.1	2.51	92.0
145	12/5/2009 0:01	9.77	49.75	32.34	8.46	7.94	8.4	2.62	91.7
146	12/5/2009 0:16	9.76	49.77	32.36	8.43	7.67	9.7	2.71	91.4
147	12/5/2009 0:31	9.73	49.95	32.49	8.39	7.94	12.8	2.80	91.0
148	12/5/2009 0:46	9.70	50.17	32.64	8.37	7.92	12.5	2.90	90.7
149	12/5/2009 1:01	9.66	50.40	32.81	8.32	7.92	11.4	2.97	90.2
150	12/5/2009 1:16	9.64	50.51	32.89	8.33	7.92	12.6	3.06	90.3
151	12/5/2009 1:31	9.61	50.59	32.94	8.30	7.92	12.7	3.14	90.0
152	12/5/2009 1:46	9.60	50.62	32.96	8.27	7.92	13.1	3.20	89.7
153	12/5/2009 2:01	9.57	50.71	33.02	8.22	7.92	10.6	3.28	89.1
154	12/5/2009 2:16	9.55	50.76	33.06	8.17	7.91	8.4	3.32	88.6
155	12/5/2009 2:31	9.53	50.79	33.08	8.13	7.90	5.9	3.36	88.1

sonde #4		Indian Island Long-Term Deployment Water Quality Data							
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
156	12/5/2009 2:46	9.52	50.82	33.10	8.06	7.90	4.2	3.39	87.3
157	12/5/2009 3:01	9.54	50.69	33.01	8.10	7.90	3.2	3.39	87.8
158	12/5/2009 3:16	9.54	50.73	33.04	8.07	7.91	4.5	3.37	87.4
159	12/5/2009 3:31	9.52	50.71	33.02	8.07	8.21	4.9	3.32	87.4
160	12/5/2009 3:46	9.50	50.64	32.97	8.11	7.90	6.0	3.27	87.7
161	12/5/2009 4:01	9.38	50.42	32.80	8.20	7.91	4.1	3.18	88.3
162	12/5/2009 4:16	9.39	50.42	32.80	8.22	7.91	5.8	3.11	88.6
163	12/5/2009 4:31	9.40	50.41	32.79	8.21	7.90	4.8	3.02	88.5
164	12/5/2009 4:46	9.42	50.35	32.75	8.21	7.91	5.3	2.94	88.6
165	12/5/2009 5:01	9.37	50.40	32.79	8.20	7.91	3.8	2.85	88.4
166	12/5/2009 5:16	9.38	50.16	32.61	8.21	7.91	4.3	2.78	88.4
167	12/5/2009 5:31	9.38	50.03	32.52	8.21	7.91	5.3	2.72	88.3
168	12/5/2009 5:46	9.38	49.98	32.48	8.19	7.91	3.8	2.65	88.1
169	12/5/2009 6:01	9.43	49.88	32.41	8.20	7.92	3.7	2.58	88.3
170	12/5/2009 6:16	9.38	49.76	32.32	8.16	7.92	3.9	2.53	87.7
171	12/5/2009 6:31	9.34	49.71	32.28	8.15	7.91	3.1	2.49	87.4
172	12/5/2009 6:46	9.34	49.75	32.32	8.18	7.92	2.7	2.42	87.8
173	12/5/2009 7:01	9.33	49.72	32.29	8.22	7.92	2.4	2.41	88.2
174	12/5/2009 7:16	9.36	49.65	32.24	8.24	7.92	2.3	2.38	88.5
175	12/5/2009 7:31	9.37	49.63	32.23	8.23	7.93	2.2	2.37	88.4
176	12/5/2009 7:46	9.33	49.61	32.21	8.26	7.92	2.5	2.39	88.6
177	12/5/2009 8:01	9.28	49.67	32.25	8.22	7.91	1.9	2.40	88.1
178	12/5/2009 8:16	9.34	49.71	32.28	8.24	7.92	2.4	2.45	88.5
179	12/5/2009 8:31	9.36	49.77	32.33	8.26	7.92	4.1	2.51	88.7
180	12/5/2009 8:46	9.33	49.77	32.33	8.28	7.92	4.5	2.56	88.8
181	12/5/2009 9:01	9.20	49.62	32.21	8.26	7.91	4.2	2.62	88.3
182	12/5/2009 9:16	9.36	49.91	32.43	8.24	7.92	4.6	2.71	88.6
183	12/5/2009 9:31	9.40	50.05	32.54	8.23	7.92	4.9	2.78	88.6
184	12/5/2009 9:46	9.40	50.24	32.67	8.20	7.92	4.5	2.86	88.4
185	12/5/2009 10:01	9.43	50.38	32.77	8.22	7.91	4.5	2.95	88.7
186	12/5/2009 10:16	9.46	50.44	32.82	8.21	7.91	4.8	3.03	88.6
187	12/5/2009 10:31	9.48	50.50	32.86	8.20	7.92	5.4	3.12	88.6
188	12/5/2009 10:46	9.47	50.57	32.92	8.19	7.92	6.0	3.20	88.5
189	12/5/2009 11:01	9.45	50.69	33.00	8.13	7.90	6.5	3.29	87.9
190	12/5/2009 11:16	9.44	50.75	33.05	8.11	7.91	7.0	3.38	87.7
191	12/5/2009 11:31	9.43	50.83	33.10	8.10	7.90	7.9	3.47	87.5
192	12/5/2009 11:46	9.37	50.99	33.21	8.08	7.91	7.6	3.56	87.3
193	12/5/2009 12:01	9.35	51.10	33.29	8.07	7.91	7.5	3.63	87.2
194	12/5/2009 12:16	9.35	51.14	33.32	8.06	7.90	6.7	3.71	87.1
195	12/5/2009 12:31	9.35	51.18	33.35	8.02	7.90	5.4	3.77	86.7
196	12/5/2009 12:46	9.36	51.19	33.36	7.98	7.90	4.6	3.83	86.3
197	12/5/2009 13:01	9.37	51.19	33.36	7.96	7.90	4.4	3.87	86.1
198	12/5/2009 13:16	9.37	51.19	33.36	7.94	7.90	2.2	3.90	85.9
199	12/5/2009 13:31	9.40	51.06	33.26	8.08	7.91	1.9	3.92	87.3
200	12/5/2009 13:46	9.38	51.17	33.34	7.96	7.90	2.6	3.89	86.0
201	12/5/2009 14:01	9.37	51.19	33.36	7.93	7.90	2.9	3.86	85.8
202	12/5/2009 14:16	9.43	51.12	33.31	8.09	7.91	4.8	3.81	87.5
203	12/5/2009 14:31	9.45	51.10	33.30	8.16	7.91	4.9	3.72	88.4
204	12/5/2009 14:46	9.54	50.99	33.22	8.42	7.94	4.6	3.63	91.4
205	12/5/2009 15:01	9.54	51.02	33.25	8.43	7.94	4.5	3.52	91.4
206	12/5/2009 15:16	9.53	50.84	33.11	8.44	7.94	7.4	3.41	91.4
207	12/5/2009 15:31	9.50	50.75	33.05	8.39	7.93	9.0	3.30	90.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
208	12/5/2009 15:46	9.53	50.65	32.98	8.41	7.94	7.9	3.17	91.0
209	12/5/2009 16:01	9.54	50.61	32.95	8.45	7.94	7.3	3.05	91.5
210	12/5/2009 16:16	9.55	50.59	32.94	8.48	7.94	6.5	2.92	91.8
211	12/5/2009 16:31	9.54	50.46	32.84	8.59	7.95	7.5	2.78	93.0
212	12/5/2009 16:46	9.49	50.49	32.86	8.60	7.94	7.7	2.65	92.9
213	12/5/2009 17:01	9.49	50.47	32.85	8.53	7.94	9.5	2.51	92.2
214	12/5/2009 17:16	9.45	50.35	32.75	8.57	7.95	10.4	2.36	92.4
215	12/5/2009 17:31	9.43	50.21	32.65	8.59	7.95	11.2	2.21	92.5
216	12/5/2009 17:46	9.36	50.19	32.63	8.60	7.95	13.0	2.06	92.5
217	12/5/2009 18:01	9.33	50.01	32.50	8.63	7.96	12.8	1.90	92.7
218	12/5/2009 18:16	9.31	49.90	32.42	8.65	7.95	12.5	1.74	92.8
219	12/5/2009 18:31	9.30	49.83	32.37	8.64	7.96	10.4	1.58	92.7
220	12/5/2009 18:46	9.34	49.67	32.26	8.67	7.95	9.5	1.42	93.1
221	12/5/2009 19:01	9.36	49.62	32.22	8.66	7.96	9.0	1.27	93.0
222	12/5/2009 19:16	9.36	49.56	32.18	8.70	7.97	9.0	1.16	93.3
223	12/5/2009 19:31	9.33	49.52	32.15	8.67	7.97	7.4	1.04	93.0
224	12/5/2009 19:46	9.28	49.40	32.06	8.71	7.97	7.6	0.95	93.2
225	12/5/2009 20:01	9.12	49.23	31.92	8.74	7.97	6.0	0.90	93.1
226	12/5/2009 20:16	9.13	49.35	32.01	8.67	7.96	5.5	0.92	92.5
227	12/5/2009 20:31	9.11	49.14	31.86	8.79	7.97	5.4	0.96	93.6
228	12/5/2009 20:46	9.12	49.24	31.93	8.77	7.97	4.8	1.02	93.4
229	12/5/2009 21:01	9.12	49.21	31.91	8.78	7.97	5.1	1.13	93.6
230	12/5/2009 21:16	9.13	49.22	31.92	8.79	7.97	4.9	1.21	93.7
231	12/5/2009 21:31	9.01	49.02	31.76	8.79	7.97	4.7	1.29	93.3
232	12/5/2009 21:46	9.00	49.01	31.76	8.76	7.96	5.7	1.38	93.0
233	12/5/2009 22:01	8.99	48.96	31.72	8.74	7.95	5.4	1.45	92.7
234	12/5/2009 22:16	9.04	48.93	31.70	8.73	7.95	5.5	1.54	92.8
235	12/5/2009 22:31	9.10	49.01	31.76	8.74	7.96	5.8	1.64	93.0
236	12/5/2009 22:46	9.21	49.27	31.96	8.70	7.96	5.7	1.73	93.0
237	12/5/2009 23:01	9.26	49.38	32.04	8.69	7.96	5.2	1.84	92.9
238	12/5/2009 23:16	9.35	49.61	32.21	8.62	7.96	5.9	1.95	92.5
239	12/5/2009 23:31	9.38	49.20	31.92	8.60	7.95	5.8	2.06	92.2
240	12/5/2009 23:46	9.39	49.77	32.33	8.56	7.95	5.6	2.17	92.0
241	12/6/2009 0:01	9.39	49.83	32.38	8.54	7.95	7.2	2.29	91.8
242	12/6/2009 0:16	9.40	49.97	32.48	8.52	7.94	8.4	2.39	91.7
243	12/6/2009 0:31	9.38	50.01	32.51	8.50	7.95	8.4	2.50	91.4
244	12/6/2009 0:46	9.40	50.08	32.56	8.49	7.95	8.9	2.61	91.4
245	12/6/2009 1:01	9.39	50.14	32.60	8.47	7.94	11.0	2.69	91.2
246	12/6/2009 1:16	9.36	50.33	32.73	8.45	7.94	13.1	2.79	91.0
247	12/6/2009 1:31	9.30	50.50	32.85	8.47	7.92	12.1	2.90	91.1
248	12/6/2009 1:46	9.26	50.64	32.95	8.45	7.93	13.8	2.98	90.9
249	12/6/2009 2:01	9.24	50.71	33.00	8.42	7.93	12.4	3.07	90.6
250	12/6/2009 2:16	9.21	50.79	33.06	8.37	7.92	10.1	3.15	90.0
251	12/6/2009 2:31	9.20	50.86	33.11	8.32	7.92	9.9	3.23	89.4
252	12/6/2009 2:46	9.20	50.91	33.14	8.26	7.92	9.2	3.30	88.8
253	12/6/2009 3:01	9.19	50.92	33.15	8.22	7.91	7.1	3.34	88.4
254	12/6/2009 3:16	9.18	50.92	33.14	8.17	8.23	5.1	3.39	87.9
255	12/6/2009 3:31	9.18	50.96	33.18	8.10	7.92	4.0	3.43	87.1
256	12/6/2009 3:46	9.16	50.83	33.08	8.16	7.92	4.5	3.41	87.7
257	12/6/2009 4:01	9.17	50.89	33.13	8.12	7.91	4.2	3.39	87.3
258	12/6/2009 4:16	9.15	50.91	33.14	8.12	7.92	5.2	3.35	87.2
259	12/6/2009 4:31	9.07	50.78	33.04	8.17	7.92	4.9	3.29	87.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
260	12/6/2009 4:46	8.90	50.69	32.96	8.22	7.91	4.1	3.21	87.8
261	12/6/2009 5:01	8.91	50.55	32.86	8.23	7.91	6.4	3.13	87.9
262	12/6/2009 5:16	8.93	50.63	32.92	8.21	7.91	4.6	3.04	87.7
263	12/6/2009 5:31	8.93	50.70	32.96	8.17	7.91	2.9	2.95	87.3
264	12/6/2009 5:46	8.89	50.59	32.89	8.18	7.91	2.7	2.87	87.3
265	12/6/2009 6:01	8.80	50.37	32.72	8.21	7.91	3.2	2.80	87.3
266	12/6/2009 6:16	8.77	50.27	32.65	8.20	7.91	3.8	2.72	87.1
267	12/6/2009 6:31	8.72	50.21	32.60	8.21	7.91	3.0	2.65	87.1
268	12/6/2009 6:46	8.73	50.18	32.58	8.23	7.92	3.5	2.60	87.3
269	12/6/2009 7:01	8.79	50.10	32.52	8.24	7.92	3.5	2.52	87.5
270	12/6/2009 7:16	8.71	50.05	32.48	8.21	7.92	3.1	2.48	87.0
271	12/6/2009 7:31	8.73	50.04	32.47	8.21	7.92	3.1	2.42	87.0
272	12/6/2009 7:46	8.75	50.01	32.45	8.24	7.92	2.8	2.37	87.4
273	12/6/2009 8:01	8.70	49.98	32.43	8.20	7.92	2.4	2.33	86.8
274	12/6/2009 8:16	8.75	50.00	32.45	8.22	8.24	2.2	2.31	87.1
275	12/6/2009 8:31	8.76	49.92	32.39	8.24	7.93	1.8	2.31	87.4
276	12/6/2009 8:46	8.69	49.92	32.39	8.20	7.93	1.9	2.29	86.8
277	12/6/2009 9:01	8.66	49.91	32.38	8.26	7.93	2.4	2.32	87.4
278	12/6/2009 9:16	8.71	49.98	32.43	8.26	7.92	2.2	2.36	87.5
279	12/6/2009 9:31	8.78	50.03	32.47	8.28	7.93	2.7	2.40	87.9
280	12/6/2009 9:46	8.84	50.09	32.52	8.28	7.93	3.8	2.46	88.0
281	12/6/2009 10:01	8.62	49.92	32.38	8.30	7.92	4.2	2.52	87.7
282	12/6/2009 10:16	8.81	50.14	32.55	8.27	7.93	4.5	2.60	87.9
283	12/6/2009 10:31	8.85	50.25	32.64	8.25	7.92	3.6	2.68	87.8
284	12/6/2009 10:46	8.90	50.34	32.70	8.24	7.92	3.3	2.74	87.8
285	12/6/2009 11:01	8.97	50.52	32.84	8.21	7.92	3.4	2.82	87.7
286	12/6/2009 11:16	9.05	50.62	32.92	8.20	7.92	3.5	2.89	87.9
287	12/6/2009 11:31	9.08	50.64	32.94	8.20	7.92	3.8	2.98	87.9
288	12/6/2009 11:46	9.11	50.62	32.92	8.19	7.92	4.1	3.06	87.8
289	12/6/2009 12:01	9.12	50.73	33.00	8.12	7.92	4.9	3.14	87.1
290	12/6/2009 12:16	9.13	50.83	33.08	8.03	7.92	5.6	3.22	86.3
291	12/6/2009 12:31	9.13	50.89	33.12	7.99	7.92	5.4	3.30	85.8
292	12/6/2009 12:46	9.13	50.92	33.14	7.92	7.91	5.8	3.38	85.0
293	12/6/2009 13:01	9.12	51.04	33.23	7.82	7.91	6.4	3.45	84.0
294	12/6/2009 13:16	9.14	51.08	33.26	7.73	7.91	6.1	3.52	83.1
295	12/6/2009 13:31	9.15	51.17	33.32	7.65	8.21	6.3	3.58	82.3
296	12/6/2009 13:46	9.15	51.20	33.35	7.57	7.90	5.7	3.62	81.5
297	12/6/2009 14:01	9.16	51.20	33.35	7.54	7.90	4.3	3.67	81.2
298	12/6/2009 14:16	9.17	51.19	33.34	7.47	7.89	3.0	3.69	80.5
299	12/6/2009 14:31	9.16	51.12	33.29	7.63	7.91	2.6	3.69	82.1
300	12/6/2009 14:46	9.17	51.19	33.34	7.49	7.90	3.4	3.68	80.6
301	12/6/2009 15:01	9.16	51.19	33.34	7.47	7.90	3.7	3.64	80.4
302	12/6/2009 15:16	9.16	51.16	33.32	7.55	7.90	4.5	3.59	81.3
303	12/6/2009 15:31	9.15	51.11	33.28	7.70	7.91	5.1	3.51	82.8
304	12/6/2009 15:46	9.18	50.92	33.15	8.09	7.94	4.3	3.41	86.9
305	12/6/2009 16:01	9.15	50.91	33.13	8.10	7.93	2.7	3.33	87.0
306	12/6/2009 16:16	9.14	50.83	33.08	8.18	7.94	3.0	3.22	87.9
307	12/6/2009 16:31	9.14	50.71	32.99	8.25	7.94	5.4	3.10	88.6
308	12/6/2009 16:46	9.12	50.67	32.96	8.27	7.94	4.6	2.99	88.7
309	12/6/2009 17:01	9.11	50.63	32.93	8.29	7.94	3.9	2.88	88.9
310	12/6/2009 17:16	9.08	50.55	32.87	8.36	8.26	3.8	2.77	89.5
311	12/6/2009 17:31	9.03	50.42	32.77	8.49	7.96	4.6	2.64	90.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
312	12/6/2009 17:46	8.99	50.39	32.75	8.55	7.96	4.7	2.52	91.4
313	12/6/2009 18:01	8.96	50.52	32.84	8.30	8.25	3.6	2.39	88.6
314	12/6/2009 18:16	8.92	50.38	32.74	8.36	7.95	3.4	2.27	89.1
315	12/6/2009 18:31	8.89	50.35	32.71	8.32	8.26	4.3	2.13	88.6
316	12/6/2009 18:46	8.82	50.38	32.73	8.30	7.94	4.1	1.98	88.3
317	12/6/2009 19:01	8.72	50.25	32.63	8.34	7.95	6.8	1.85	88.5
318	12/6/2009 19:16	8.68	50.11	32.52	8.40	7.95	7.1	1.71	89.0
319	12/6/2009 19:31	8.63	50.05	32.48	8.48	7.96	6.3	1.57	89.7
320	12/6/2009 19:46	8.64	49.98	32.43	8.52	7.96	5.2	1.44	90.2
321	12/6/2009 20:01	8.62	49.93	32.39	8.52	8.28	4.9	1.35	90.0
322	12/6/2009 20:16	8.58	49.87	32.34	8.52	7.96	4.8	1.25	89.9
323	12/6/2009 20:31	8.48	49.77	32.26	8.59	7.97	5.6	1.17	90.4
324	12/6/2009 20:46	8.35	49.64	32.15	8.68	7.98	7.8	1.13	91.1
325	12/6/2009 21:01	8.37	49.64	32.16	8.66	8.30	4.9	1.12	90.9
326	12/6/2009 21:16	8.35	49.68	32.19	8.61	7.98	6.0	1.12	90.3
327	12/6/2009 21:31	8.26	49.57	32.10	8.78	7.99	2.8	1.17	91.9
328	12/6/2009 21:46	8.32	49.63	32.14	8.73	7.99	2.7	1.23	91.5
329	12/6/2009 22:01	8.29	49.36	31.95	8.79	7.96	2.8	1.31	91.9
330	12/6/2009 22:16	8.33	49.62	32.14	8.74	7.99	2.9	1.39	91.7
331	12/6/2009 22:31	7.98	49.26	31.85	8.74	7.97	4.3	1.48	90.7
332	12/6/2009 22:46	7.94	49.23	31.82	8.71	7.96	3.6	1.56	90.3
333	12/6/2009 23:01	7.97	49.21	31.81	8.71	7.96	3.4	1.64	90.3
334	12/6/2009 23:16	8.21	49.43	32.00	8.66	7.97	3.3	1.74	90.5
335	12/6/2009 23:31	8.34	49.53	32.07	8.62	7.97	3.0	1.84	90.4
336	12/6/2009 23:46	8.44	49.67	32.18	8.56	7.97	2.8	1.93	90.0
337	12/7/2009 0:01	8.57	49.83	32.31	8.48	7.97	3.1	2.03	89.5
338	12/7/2009 0:16	8.67	49.99	32.43	8.40	7.96	3.1	2.14	88.9
339	12/7/2009 0:31	8.71	50.03	32.46	8.36	7.96	3.8	2.24	88.5
340	12/7/2009 0:46	8.75	50.11	32.53	8.33	7.96	4.4	2.35	88.4
341	12/7/2009 1:01	8.79	50.21	32.61	8.29	7.96	4.8	2.45	88.1
342	12/7/2009 1:16	8.82	50.28	32.65	8.26	7.95	5.6	2.56	87.9
343	12/7/2009 1:31	8.83	50.28	32.66	8.24	7.95	6.2	2.65	87.6
344	12/7/2009 1:46	8.83	50.37	32.72	8.19	7.95	8.1	2.75	87.2
345	12/7/2009 2:01	8.82	50.43	32.76	8.14	7.94	8.3	2.85	86.6
346	12/7/2009 2:16	8.82	50.63	32.91	8.06	7.93	9.4	2.93	85.9
347	12/7/2009 2:31	8.81	50.75	32.99	7.96	7.93	9.7	3.03	84.8
348	12/7/2009 2:46	8.77	50.87	33.08	7.90	7.93	9.0	3.11	84.1
349	12/7/2009 3:01	8.75	50.93	33.12	7.84	7.92	8.7	3.20	83.6
350	12/7/2009 3:16	8.78	50.99	33.17	7.75	7.92	9.0	3.28	82.6
351	12/7/2009 3:31	8.77	51.11	33.25	7.58	7.91	9.1	3.36	80.8
352	12/7/2009 3:46	8.77	51.17	33.30	7.46	8.22	7.4	3.41	79.6
353	12/7/2009 4:01	8.76	51.18	33.30	7.43	7.90	5.2	3.46	79.3
354	12/7/2009 4:16	8.76	51.22	33.33	7.25	7.89	3.5	3.49	77.3
355	12/7/2009 4:31	8.72	51.08	33.22	7.42	7.90	3.1	3.50	79.1
356	12/7/2009 4:46	8.73	51.12	33.26	7.37	7.90	4.2	3.48	78.5
357	12/7/2009 5:01	8.75	51.24	33.35	7.23	7.89	4.9	3.45	77.1
358	12/7/2009 5:16	8.55	50.97	33.13	7.63	7.91	6.2	3.40	80.9
359	12/7/2009 5:31	8.53	50.98	33.14	7.68	7.91	3.2	3.34	81.4
360	12/7/2009 5:46	8.48	50.77	32.98	7.78	7.91	4.5	3.25	82.3
361	12/7/2009 6:01	8.46	50.80	33.00	7.79	8.23	5.6	3.16	82.3
362	12/7/2009 6:16	8.42	50.78	32.98	7.79	7.91	2.6	3.08	82.3
363	12/7/2009 6:31	8.39	50.80	32.99	7.79	8.23	2.6	2.98	82.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
364	12/7/2009 6:46	8.27	50.56	32.81	7.86	7.92	2.3	2.91	82.6
365	12/7/2009 7:01	8.25	50.49	32.76	7.92	7.92	3.1	2.82	83.2
366	12/7/2009 7:16	8.24	50.41	32.70	7.92	7.92	3.4	2.74	83.2
367	12/7/2009 7:31	8.23	50.41	32.70	7.96	7.93	3.1	2.67	83.5
368	12/7/2009 7:46	8.03	50.31	32.61	7.96	7.92	1.8	2.61	83.1
369	12/7/2009 8:01	8.12	50.32	32.62	7.98	7.93	2.0	2.54	83.5
370	12/7/2009 8:16	8.13	50.26	32.59	8.01	7.93	2.0	2.48	83.8
371	12/7/2009 8:31	8.01	50.24	32.55	8.03	7.93	2.2	2.42	83.8
372	12/7/2009 8:46	8.05	50.24	32.56	8.07	7.94	2.0	2.38	84.3
373	12/7/2009 9:01	8.02	50.16	32.50	8.11	7.94	1.8	2.35	84.6
374	12/7/2009 9:16	8.06	50.14	32.49	8.13	7.94	1.9	2.30	84.9
375	12/7/2009 9:31	8.03	50.13	32.48	8.15	7.94	1.8	2.28	85.0
376	12/7/2009 9:46	7.99	50.09	32.45	8.15	7.94	1.3	2.27	85.0
377	12/7/2009 10:01	8.01	50.05	32.42	8.15	7.94	1.5	2.29	85.0
378	12/7/2009 10:16	8.05	50.15	32.49	8.15	7.95	1.5	2.30	85.1
379	12/7/2009 10:31	8.03	50.14	32.48	8.14	7.94	1.5	2.32	84.9
380	12/7/2009 10:46	8.11	50.17	32.51	8.12	7.94	1.6	2.37	84.9
381	12/7/2009 11:01	8.18	50.19	32.53	8.10	7.94	2.3	2.43	84.9
382	12/7/2009 11:16	7.93	50.07	32.43	8.12	7.93	3.2	2.49	84.5
383	12/7/2009 11:31	8.12	50.23	32.56	8.06	7.94	2.5	2.55	84.3
384	12/7/2009 11:46	8.21	50.33	32.64	8.02	7.94	2.6	2.62	84.1
385	12/7/2009 12:01	8.28	50.42	32.71	7.95	7.93	2.4	2.70	83.6
386	12/7/2009 12:16	8.36	50.58	32.83	7.86	7.93	2.8	2.75	82.9
387	12/7/2009 12:31	8.46	50.65	32.89	7.83	7.93	2.3	2.83	82.7
388	12/7/2009 12:46	8.54	50.70	32.94	7.79	7.93	2.4	2.91	82.5
389	12/7/2009 13:01	8.57	50.74	32.97	7.78	7.93	2.6	2.98	82.4
390	12/7/2009 13:16	8.59	50.77	32.99	7.76	7.93	2.7	3.05	82.3
391	12/7/2009 13:31	8.62	50.76	32.99	7.69	7.92	3.4	3.11	81.6
392	12/7/2009 13:46	8.65	50.92	33.10	7.59	7.92	3.6	3.19	80.7
393	12/7/2009 14:01	8.65	50.96	33.13	7.54	7.92	3.8	3.25	80.1
394	12/7/2009 14:16	8.65	50.98	33.15	7.51	7.91	3.3	3.31	79.8
395	12/7/2009 14:31	8.65	51.02	33.17	7.45	7.91	3.5	3.36	79.2
396	12/7/2009 14:46	8.66	51.09	33.23	7.39	7.91	3.2	3.41	78.6
397	12/7/2009 15:01	8.67	51.12	33.25	7.35	7.90	2.9	3.45	78.2
398	12/7/2009 15:16	8.68	51.14	33.26	7.31	7.90	1.8	3.47	77.8
399	12/7/2009 15:31	8.68	51.06	33.21	7.43	7.91	1.7	3.47	79.0
400	12/7/2009 15:46	8.69	51.16	33.28	7.26	7.90	2.8	3.47	77.3
401	12/7/2009 16:01	8.68	51.16	33.28	7.27	7.90	2.9	3.45	77.4
402	12/7/2009 16:16	8.67	51.13	33.25	7.33	7.90	3.8	3.40	78.0
403	12/7/2009 16:31	8.57	50.99	33.14	7.71	7.93	3.9	3.33	81.8
404	12/7/2009 16:46	8.53	50.97	33.13	7.73	7.93	3.5	3.26	81.9
405	12/7/2009 17:01	8.46	51.01	33.15	7.74	7.93	2.6	3.18	81.9
406	12/7/2009 17:16	8.43	50.95	33.10	7.75	8.25	2.8	3.08	81.9
407	12/7/2009 17:31	8.43	50.82	33.01	7.83	7.94	3.7	2.99	82.8
408	12/7/2009 17:46	8.36	50.85	33.03	7.81	7.93	2.9	2.89	82.4
409	12/7/2009 18:01	8.34	50.77	32.97	7.99	7.95	2.9	2.78	84.2
410	12/7/2009 18:16	8.32	50.54	32.80	8.33	7.98	3.4	2.68	87.7
411	12/7/2009 18:31	8.29	50.48	32.75	8.40	7.99	3.4	2.57	88.3
412	12/7/2009 18:46	8.23	50.44	32.72	8.41	7.99	4.0	2.47	88.3
413	12/7/2009 19:01	8.16	50.41	32.69	8.41	7.99	3.7	2.35	88.1
414	12/7/2009 19:16	8.08	50.40	32.68	8.23	7.96	4.5	2.24	86.1
415	12/7/2009 19:31	8.00	50.39	32.66	8.20	7.96	4.5	2.12	85.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
416	12/7/2009 19:46	7.90	50.41	32.67	8.16	7.95	5.0	1.99	85.0
417	12/7/2009 20:01	7.86	50.33	32.61	8.19	7.96	4.2	1.87	85.2
418	12/7/2009 20:16	7.79	50.32	32.60	8.20	7.96	4.2	1.76	85.2
419	12/7/2009 20:31	7.73	50.25	32.54	8.24	7.96	4.1	1.65	85.5
420	12/7/2009 20:46	7.72	50.22	32.52	8.24	7.96	4.0	1.55	85.5
421	12/7/2009 21:01	7.68	50.19	32.49	8.28	7.96	3.4	1.47	85.7
422	12/7/2009 21:16	7.62	50.13	32.44	8.32	7.97	3.2	1.41	86.0
423	12/7/2009 21:31	7.56	50.06	32.39	8.37	7.98	3.1	1.36	86.4
424	12/7/2009 21:46	7.49	49.98	32.32	8.48	7.99	3.2	1.34	87.3
425	12/7/2009 22:01	7.41	49.95	32.29	8.51	8.03	2.4	1.34	87.5
426	12/7/2009 22:16	7.36	49.91	32.26	8.62	8.00	3.2	1.36	88.5
427	12/7/2009 22:31	7.39	49.91	32.26	8.59	8.00	2.7	1.41	88.2
428	12/7/2009 22:46	7.31	49.89	32.24	8.62	8.00	3.3	1.47	88.3
429	12/7/2009 23:01	7.34	49.88	32.24	8.60	8.00	3.1	1.54	88.2
430	12/7/2009 23:16	7.18	49.78	32.15	8.58	8.03	3.5	1.63	87.6
431	12/7/2009 23:31	6.89	49.52	31.93	8.59	7.97	5.1	1.71	87.1
432	12/7/2009 23:46	6.89	49.49	31.91	8.57	7.97	4.9	1.80	86.8
433	12/8/2009 0:01	7.36	49.80	32.18		7.98	4.0	1.88	
434	12/8/2009 0:16	7.48	49.90	32.26		7.98	3.7	1.98	
435	12/8/2009 0:31	7.56	49.94	32.30		7.98	3.3	2.07	
436	12/8/2009 0:46	7.71	50.09	32.42		7.97	3.3	2.17	
437	12/8/2009 1:01	7.87	50.23	32.54		7.96	3.2	2.26	
438	12/8/2009 1:16	7.91	50.28	32.58		7.96	3.5	2.35	
439	12/8/2009 1:31	7.97	50.30	32.60		7.96	3.2	2.45	
440	12/8/2009 1:46	8.03	50.26	32.57		7.92	4.7	2.56	
441	12/8/2009 2:01	8.06	50.48	32.73		7.95	4.7	2.64	
442	12/8/2009 2:16	8.08	50.50	32.75		7.95	5.2	2.74	
443	12/8/2009 2:31	8.12	50.57	32.80		7.94	5.7	2.82	
444	12/8/2009 2:46	8.13	50.65	32.86		7.94	6.7	2.93	
445	12/8/2009 3:01	8.13	50.58	32.81		7.90	8.2	3.02	
446	12/8/2009 3:16	8.19	50.92	33.06		7.60	8.5	3.09	
447	12/8/2009 3:31	8.18	51.04	33.15		7.91	8.3	3.21	
448	12/8/2009 3:46	8.15	51.14	33.22		7.90	9.1	3.29	
449	12/8/2009 4:01	8.16	51.22	33.27		7.90	7.6	3.36	
450	12/8/2009 4:16	8.18	51.28	33.32		7.90	6.7	3.42	
451	12/8/2009 4:31	8.17	51.27	33.31		8.23	3.7	3.52	
452	12/8/2009 4:46	8.18	51.27	33.32		7.90	4.6	3.54	
453	12/8/2009 5:01	8.13	51.27	33.31		7.90	2.0	3.58	
454	12/8/2009 5:16	8.03	51.09	33.17		8.24	3.5	3.58	
455	12/8/2009 5:31	8.15	51.25	33.30		7.89	3.2	3.57	
456	12/8/2009 5:46	8.20	51.30	33.34		7.92	3.4	3.54	
457	12/8/2009 6:01	8.12	51.24	33.28		7.89	5.9	3.51	
458	12/8/2009 6:16	7.89	51.13	33.19		7.89	3.0	3.44	
459	12/8/2009 6:31	7.90	51.02	33.11		8.24	7.0	3.38	
460	12/8/2009 6:46	7.73	50.90	33.00		7.90	3.8	3.25	
461	12/8/2009 7:01	7.77	50.93	33.03		7.90	2.3	3.17	
462	12/8/2009 7:16	7.73	50.90	33.00		7.90	2.5	3.12	
463	12/8/2009 7:31	7.59	50.74	32.88		7.90	2.2	2.98	
464	12/8/2009 7:46	7.43	50.69	32.83		7.90	3.0	2.90	
465	12/8/2009 8:01	7.29	50.58	32.73		7.91	2.9	2.91	
466	12/8/2009 8:16	7.28	50.54	32.70		7.91	2.9	2.82	
467	12/8/2009 8:31	7.31	50.55	32.71		7.91	2.7	2.76	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
468	12/8/2009 8:46	7.26	50.51	32.68		7.92	2.6	2.65	
469	12/8/2009 9:01	7.34	50.49	32.67		7.92	2.6	2.54	
470	12/8/2009 9:16	7.20	50.45	32.63		7.93	2.4	2.47	
471	12/8/2009 9:31	7.32	50.48	32.67		7.93	2.3	2.44	
472	12/8/2009 9:46	7.34	50.36	32.58		7.98	2.0	2.38	
473	12/8/2009 10:01	7.22	50.39	32.59		7.95	1.9	2.30	
474	12/8/2009 10:16	7.17	50.38	32.58		7.95	1.6	2.29	
475	12/8/2009 10:31	7.21	50.34	32.55		7.96	1.5	2.23	
476	12/8/2009 10:46	7.12	50.29	32.51		7.96	1.3	2.18	
477	12/8/2009 11:01	7.08	50.24	32.47		8.32	1.2	2.19	
478	12/8/2009 11:16	7.08	50.23	32.46		8.32	1.1	2.15	
479	12/8/2009 11:31	6.98	50.16	32.40		7.96	1.3	2.15	
480	12/8/2009 11:46	7.03	50.17	32.41		8.32	1.3	2.15	
481	12/8/2009 12:01	7.18	50.23	32.47		8.31	1.7	2.28	
482	12/8/2009 12:16	7.25	50.25	32.49		7.95	1.8	2.31	
483	12/8/2009 12:31	7.24	50.26	32.50		7.95	2.4	2.35	
484	12/8/2009 12:46	6.89	50.11	32.36		7.93	3.1	2.43	
485	12/8/2009 13:01	7.23	50.27	32.50		7.94	2.5	2.51	
486	12/8/2009 13:16	7.34	50.38	32.59		7.93	2.5	2.59	
487	12/8/2009 13:31	7.40	50.43	32.63		7.93	2.0	2.63	
488	12/8/2009 13:46	7.51	50.53	32.72		7.93	2.0	2.71	
489	12/8/2009 14:01	7.69	50.63	32.81		7.92	1.9	2.74	
490	12/8/2009 14:16	7.79	50.73	32.89		7.92	1.8	2.82	
491	12/8/2009 14:31	7.84	50.69	32.87		7.93	2.0	2.91	
492	12/8/2009 14:46	7.85	50.74	32.90		7.93	1.5	2.93	
493	12/8/2009 15:01	7.88	50.76	32.92		7.93	1.7	2.98	
494	12/8/2009 15:16	7.91	50.75	32.92		7.93	1.6	3.00	
495	12/8/2009 15:31	7.95	50.83	32.98		7.92	1.6	3.05	
496	12/8/2009 15:46	7.97	50.90	33.03		7.92	1.6	3.17	
497	12/8/2009 16:01	7.99	50.94	33.06		7.92	1.6	3.16	
498	12/8/2009 16:16	7.99	50.94	33.06		8.26	1.5	3.18	
499	12/8/2009 16:31	8.00	50.95	33.07		8.26	1.6	3.21	
500	12/8/2009 16:46	7.95	50.85	32.99		7.92	1.1	3.21	
501	12/8/2009 17:01	7.98	50.89	33.02		7.91	1.0	3.22	
502	12/8/2009 17:16	7.99	50.93	33.05		7.91	1.5	3.22	
503	12/8/2009 17:31	7.98	50.90	33.03		7.91	2.1	3.19	
504	12/8/2009 17:46	7.97	50.90	33.03		7.92	2.0	3.15	
505	12/8/2009 18:01	7.94	50.84	32.98		7.94	2.5	3.09	
506	12/8/2009 18:16	7.88	50.71	32.89		7.96	1.8	3.00	
507	12/8/2009 18:31	7.70	50.66	32.83		7.95	2.1	2.90	
508	12/8/2009 18:46	7.62	50.70	32.85		7.95	1.8	2.81	
509	12/8/2009 19:01	7.57	50.69	32.84		8.30	1.3	2.72	
510	12/8/2009 19:16	7.52	50.68	32.82		8.30	1.5	2.65	
511	12/8/2009 19:31	7.50	50.66	32.81		8.31	1.7	2.55	
512	12/8/2009 19:46	7.41	50.64	32.79		8.31	1.5	2.48	
513	12/8/2009 20:01	7.38	50.54	32.71		8.32	2.8	2.38	
514	12/8/2009 20:16	7.30	50.56	32.72		7.96	2.4	2.27	
515	12/8/2009 20:31	7.21	50.57	32.71		7.95	2.5	2.19	
516	12/8/2009 20:46	7.09	50.54	32.69		7.95	2.8	2.06	
517	12/8/2009 21:01	7.03	50.51	32.65		8.32	2.9	1.99	
518	12/8/2009 21:16	6.96	50.50	32.64		8.32	2.6	1.92	
519	12/8/2009 21:31	6.92	50.46	32.61		7.96	2.3	1.81	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
520	12/8/2009 21:46	6.88	50.40	32.56		7.97	1.9	1.73	
521	12/8/2009 22:01	6.81	50.36	32.53		7.97	2.1	1.68	
522	12/8/2009 22:16	6.78	50.33	32.50		7.99	1.8	1.65	
523	12/8/2009 22:31	6.77	50.30	32.48		7.99	1.5	1.57	
524	12/8/2009 22:46	6.69	50.24	32.42		8.38	1.8	1.59	
525	12/8/2009 23:01	6.67	50.17	32.38		8.02	1.2	1.58	
526	12/8/2009 23:16	6.70	50.20	32.39		8.01	1.1	1.62	
527	12/8/2009 23:31	6.76	50.21	32.41		8.01	1.2	1.72	
528	12/8/2009 23:46	6.76	50.19	32.40		8.01	1.8	1.79	
529	12/9/2009 0:01	6.78	50.23	32.43		8.00	1.8	1.80	
530	12/9/2009 0:16	6.32	49.96	32.18		7.99	2.2	1.86	
531	12/9/2009 0:31	6.24	49.87	32.11		7.99	2.3	1.94	
532	12/9/2009 0:46	6.10	49.82	32.06		7.99	2.7	2.03	
533	12/9/2009 1:01	6.55	50.09	32.30		7.98	2.4	2.13	
534	12/9/2009 1:16	6.72	50.18	32.39		8.35	1.9	2.20	
535	12/9/2009 1:31	6.84	50.25	32.45		7.98	1.8	2.28	
536	12/9/2009 1:46	6.98	50.34	32.53		7.97	1.9	2.38	
537	12/9/2009 2:01	7.14	50.45	32.62		7.96	2.1	2.46	
538	12/9/2009 2:16	7.22	50.49	32.66		7.95	2.0	2.53	
539	12/9/2009 2:31	7.28	50.55	32.71		8.31	2.4	2.64	
540	12/9/2009 2:46	7.38	50.63	32.78		8.30	3.5	2.73	
541	12/9/2009 3:01	7.45	50.66	32.81		7.94	3.6	2.82	
542	12/9/2009 3:16	7.50	50.71	32.85		7.93	3.5	2.88	
543	12/9/2009 3:31	7.54	50.75	32.88		7.93	4.7	2.98	
544	12/9/2009 3:46	7.58	50.75	32.88		7.92	5.6	3.07	
545	12/9/2009 4:01	7.66	50.99	33.06		7.91	6.8	3.15	
546	12/9/2009 4:16	7.76	51.15	33.19		7.90	6.0	3.26	
547	12/9/2009 4:31	7.77	51.26	33.27		7.90	6.9	3.32	
548	12/9/2009 4:46	7.82	51.32	33.32		7.90	5.3	3.39	
549	12/9/2009 5:01	7.88	51.37	33.36		7.90	5.6	3.48	
550	12/9/2009 5:16	7.88	51.41	33.39		7.90	4.2	3.52	
551	12/9/2009 5:31	7.88	51.39	33.38		7.90	2.9	3.58	
552	12/9/2009 5:46	7.83	51.38	33.36		7.90	3.2	3.62	
553	12/9/2009 6:01	7.55	51.21	33.21		7.90	1.8	3.63	
554	12/9/2009 6:16	7.73	51.31	33.30		8.25	2.7	3.62	
555	12/9/2009 6:31	7.89	51.42	33.40		7.90	3.0	3.60	
556	12/9/2009 6:46	7.80	51.37	33.35		7.89	3.4	3.56	
557	12/9/2009 7:01	7.74	51.36	33.34		8.24	3.2	3.51	
558	12/9/2009 7:16	7.25	51.13	33.12		8.25	2.1	3.42	
559	12/9/2009 7:31	7.43	51.12	33.13		8.25	4.2	3.33	
560	12/9/2009 7:46	6.92	50.86	32.89		8.27	2.4	3.26	
561	12/9/2009 8:01	7.02	50.91	32.94		8.26	2.3	3.17	
562	12/9/2009 8:16	7.09	50.90	32.94		7.90	3.4	3.09	
563	12/9/2009 8:31	6.97	50.79	32.85		7.90	2.8	2.99	
564	12/9/2009 8:46	6.96	50.78	32.84		7.91	2.5	2.90	
565	12/9/2009 9:01	6.88	50.74	32.80		7.91	2.1	2.83	
566	12/9/2009 9:16	6.90	50.73	32.80		8.29	2.4	2.74	
567	12/9/2009 9:31	6.69	50.66	32.73		7.93	1.6	2.64	
568	12/9/2009 9:46	6.61	50.68	32.73		7.93	1.6	2.55	
569	12/9/2009 10:01	6.50	50.65	32.70		7.94	1.1	2.48	
570	12/9/2009 10:16	6.62	50.51	32.61		7.95	1.5	2.39	
571	12/9/2009 10:31	6.77	50.66	32.73		7.96	1.6	2.29	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
572	12/9/2009 10:46	6.77	50.64	32.72		7.97	1.5	2.23	
573	12/9/2009 11:01	6.73	50.60	32.69		7.98	1.5	2.16	
574	12/9/2009 11:16	6.74	50.58	32.67		8.37	1.1	2.08	
575	12/9/2009 11:31	6.76	50.54	32.65		8.00	1.0	2.02	
576	12/9/2009 11:46	6.77	50.52	32.63		8.00	0.8	1.99	
577	12/9/2009 12:01	6.72	50.46	32.59		8.00	0.9	1.95	
578	12/9/2009 12:16	6.79	50.49	32.61		8.01	0.7	1.95	
579	12/9/2009 12:31	6.76	50.50	32.62		7.99	0.7	1.96	
580	12/9/2009 12:46	6.73	50.44	32.57		7.99	0.7	2.01	
581	12/9/2009 13:01	6.61	50.41	32.54		7.98	0.9	2.05	
582	12/9/2009 13:16	6.61	50.38	32.52		7.98	1.0	2.08	
583	12/9/2009 13:31	6.51	50.32	32.46		8.35	0.9	2.17	
584	12/9/2009 13:46	6.05	50.15	32.29		7.97	1.5	2.22	
585	12/9/2009 14:01	6.13	50.25	32.37		8.35	1.6	2.30	
586	12/9/2009 14:16	6.51	50.41	32.53		7.96	1.1	2.36	
587	12/9/2009 14:31	6.60	50.46	32.57		7.96	1.1	2.42	
588	12/9/2009 14:46	6.65	50.49	32.60		8.33	1.0	2.49	
589	12/9/2009 15:01	6.76	50.58	32.68		8.32	1.3	2.55	
590	12/9/2009 15:16	6.99	50.69	32.78		8.30	1.2	2.60	
591	12/9/2009 15:31	7.11	50.74	32.83		7.94	1.1	2.66	
592	12/9/2009 15:46	7.15	50.75	32.84		7.93	1.2	2.71	
593	12/9/2009 16:01	7.16	50.77	32.85		7.93	1.3	2.77	
594	12/9/2009 16:16	7.18	50.79	32.87		8.30	1.2	2.82	
595	12/9/2009 16:31	7.22	50.81	32.89		7.93	1.2	2.88	
596	12/9/2009 16:46	7.26	50.86	32.93		7.93	1.2	2.92	
597	12/9/2009 17:01	7.31	50.86	32.93		7.92	1.1	2.96	
598	12/9/2009 17:16	7.33	50.90	32.97		7.92	1.1	3.01	
599	12/9/2009 17:31	7.33	50.93	32.99		7.92	1.0	3.04	
600	12/9/2009 17:46	7.32	50.90	32.97		7.92	1.0	3.07	
601	12/9/2009 18:01	7.34	50.92	32.98		7.92	0.5	3.08	
602	12/9/2009 18:16	7.27	50.87	32.94		7.92	1.2	3.07	
603	12/9/2009 18:31	7.27	50.91	32.97		8.28	0.9	3.09	
604	12/9/2009 18:46	7.28	50.90	32.96		8.28	1.0	3.05	
605	12/9/2009 19:01	7.28	50.90	32.96		7.92	1.1	2.99	
606	12/9/2009 19:16	7.07	50.85	32.90		8.29	0.9	2.94	
607	12/9/2009 19:31	6.89	50.72	32.79		7.93	0.7	2.88	
608	12/9/2009 19:46	7.00	50.73	32.81		7.95	1.4	2.81	
609	12/9/2009 20:01	7.00	50.70	32.79		8.33	1.2	2.73	
610	12/9/2009 20:16	7.00	50.71	32.79		8.34	1.2	2.65	
611	12/9/2009 20:31	6.96	50.67	32.76		7.96	0.9	2.58	
612	12/9/2009 20:46	6.86	50.65	32.74		8.33	0.8	2.49	
613	12/9/2009 21:01	6.84	50.65	32.74		7.96	1.0	2.42	
614	12/9/2009 21:16	6.71	50.67	32.74		8.33	1.2	2.34	
615	12/9/2009 21:31	6.67	50.65	32.72		7.96	0.9	2.27	
616	12/9/2009 21:46	6.62	50.65	32.71		7.96	0.9	2.18	
617	12/9/2009 22:01	6.58	50.57	32.65		7.96	1.0	2.12	
618	12/9/2009 22:16	6.51	50.61	32.67		7.96	1.0	2.07	
619	12/9/2009 22:31	6.46	50.61	32.67		7.97	0.9	2.00	
620	12/9/2009 22:46	6.40	50.58	32.64		8.36	0.9	1.94	
621	12/9/2009 23:01	6.34	50.55	32.61		8.36	0.9	1.89	
622	12/9/2009 23:16	6.30	50.51	32.58		8.37	0.8	1.87	
623	12/9/2009 23:31	6.28	50.48	32.55		8.38	0.6	1.85	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
624	12/9/2009 23:46	6.24	50.49	32.55		8.00	0.5	1.84	
625	12/10/2009 0:01	6.12	50.42	32.49		8.40	0.4	1.87	
626	12/10/2009 0:16	6.15	50.41	32.49		8.01	0.4	1.89	
627	12/10/2009 0:31	6.22	50.45	32.52		8.00	0.5	1.93	
628	12/10/2009 0:46	6.15	50.47	32.53		8.00	0.5	1.99	
629	12/10/2009 1:01	6.19	50.49	32.54		8.38	0.8	2.05	
630	12/10/2009 1:16	5.78	50.31	32.37		7.99	1.4	2.11	
631	12/10/2009 1:31	5.68	50.24	32.31		8.38	1.4	2.19	
632	12/10/2009 1:46	5.89	50.33	32.40		8.37	1.3	2.26	
633	12/10/2009 2:01	6.28	50.46	32.53		7.97	1.0	2.34	
634	12/10/2009 2:16	6.39	50.32	32.45		7.97	1.2	2.41	
635	12/10/2009 2:31	6.55	50.57	32.65		8.03	1.2	2.49	
636	12/10/2009 2:46	6.73	50.68	32.74		7.95	1.4	2.58	
637	12/10/2009 3:01	6.82	50.74	32.80		7.94	1.9	2.65	
638	12/10/2009 3:16	6.86	50.73	32.80		7.94	2.1	2.73	
639	12/10/2009 3:31	6.95	50.80	32.85		7.93	2.4	2.83	
640	12/10/2009 3:46	7.06	50.92	32.95		7.92	3.5	2.92	
641	12/10/2009 4:01	7.12	50.91	32.95		7.92	3.2	3.00	
642	12/10/2009 4:16	7.21	50.99	33.02		7.92	4.2	3.09	
643	12/10/2009 4:31	7.28	51.05	33.07		7.91	5.1	3.18	
644	12/10/2009 4:46	7.45	51.24	33.22		7.91	5.5	3.28	
645	12/10/2009 5:01	7.53	51.31	33.29		8.27	5.9	3.35	
646	12/10/2009 5:16	7.59	51.36	33.33		7.91	5.3	3.45	
647	12/10/2009 5:31	7.65	51.36	33.33		7.96	5.3	3.52	
648	12/10/2009 5:46	7.65	51.38	33.34		7.96	4.7	3.59	
649	12/10/2009 6:01	7.65	51.43	33.38		7.90	3.8	3.66	
650	12/10/2009 6:16	7.64	51.46	33.40		7.90	3.2	3.70	
651	12/10/2009 6:31	7.58	51.43	33.37		7.90	2.5	3.75	
652	12/10/2009 6:46	7.54	51.42	33.36		7.90	1.2	3.76	
653	12/10/2009 7:01	7.41	51.36	33.30		7.90	2.7	3.76	
654	12/10/2009 7:16	7.63	51.46	33.40		7.90	2.8	3.75	
655	12/10/2009 7:31	7.50	51.39	33.34		7.90	2.4	3.71	
656	12/10/2009 7:46	7.44	51.33	33.29		8.25	1.5	3.65	
657	12/10/2009 8:01	7.43	51.34	33.29		7.89	2.0	3.57	
658	12/10/2009 8:16	7.22	51.15	33.14		7.89	2.0	3.48	
659	12/10/2009 8:31	7.34	51.26	33.23		7.89	2.0	3.40	
660	12/10/2009 8:46	7.14	51.17	33.14		8.27	1.6	3.31	
661	12/10/2009 9:01	7.02	51.10	33.08		7.90	3.5	3.20	
662	12/10/2009 9:16	6.89	51.05	33.03		7.91	2.4	3.11	
663	12/10/2009 9:31	6.79	50.95	32.95		7.91	2.1	3.01	
664	12/10/2009 9:46	6.82	50.92	32.93		7.92	1.6	2.90	
665	12/10/2009 10:01	6.98	51.00	33.00		8.28	2.3	2.81	
666	12/10/2009 10:16	6.77	50.89	32.90		7.93	1.5	2.71	
667	12/10/2009 10:31	6.58	50.85	32.85		7.94	1.3	2.60	
668	12/10/2009 10:46	6.87	50.89	32.91		8.31	1.8	2.51	
669	12/10/2009 11:01	6.79	50.86	32.88		7.95	1.8	2.40	
670	12/10/2009 11:16	6.84	50.83	32.86		8.35	1.2	2.30	
671	12/10/2009 11:31	6.95	50.81	32.86		8.35	1.2	2.21	
672	12/10/2009 11:46	6.98	50.79	32.85		7.99	1.1	2.11	
673	12/10/2009 12:01	6.88	50.74	32.81		8.00	1.4	2.02	
674	12/10/2009 12:16	6.94	50.72	32.79		8.01	1.0	1.94	
675	12/10/2009 12:31	7.00	50.72	32.80		8.39	0.9	1.87	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
676	12/10/2009 12:46	7.06	50.65	32.76		8.40	0.7	1.83	
677	12/10/2009 13:01	7.15	50.56	32.70		8.04	0.4	1.79	
678	12/10/2009 13:16	6.97	50.90	32.93		8.04	0.5	1.76	
679	12/10/2009 13:31	6.73	50.46	32.59		8.03	0.9	1.78	
680	12/10/2009 13:46	6.70	50.50	32.61		8.40	0.4	1.79	
681	12/10/2009 14:01	6.71	50.37	32.52		8.08	0.5	1.83	
682	12/10/2009 14:16	6.37	50.46	32.55		8.02	0.4	1.89	
683	12/10/2009 14:31	6.37	50.50	32.58		8.39	0.5	1.95	
684	12/10/2009 14:46	6.13	50.31	32.41		8.01	0.9	2.01	
685	12/10/2009 15:01	5.93	50.25	32.35		8.01	1.1	2.09	
686	12/10/2009 15:16	6.10	50.35	32.44		8.00	1.0	2.16	
687	12/10/2009 15:31	6.35	50.50	32.57		7.99	0.8	2.22	
688	12/10/2009 15:46	6.42	50.55	32.62		8.37	0.8	2.29	
689	12/10/2009 16:01	6.41	50.55	32.61		8.36	0.9	2.36	
690	12/10/2009 16:16	6.62	50.67	32.72		7.96	1.0	2.41	
691	12/10/2009 16:31	6.75	50.75	32.80		7.95	1.0	2.49	
692	12/10/2009 16:46	6.81	50.79	32.84		7.94	1.0	2.54	
693	12/10/2009 17:01	6.84	50.79	32.84		7.94	1.1	2.59	
694	12/10/2009 17:16	6.85	50.84	32.87		8.31	1.1	2.67	
695	12/10/2009 17:31	6.86	50.85	32.88		8.31	1.0	2.71	
696	12/10/2009 17:46	6.89	50.85	32.88		8.31	1.3	2.76	
697	12/10/2009 18:01	6.95	50.91	32.93		8.30	1.1	2.82	
698	12/10/2009 18:16	6.99	50.92	32.95		8.30	1.0	2.87	
699	12/10/2009 18:31	7.01	50.92	32.95		8.30	0.8	2.91	
700	12/10/2009 18:46	7.02	50.91	32.94		8.29	1.0	2.95	
701	12/10/2009 19:01	7.05	50.91	32.94		8.29	1.0	2.99	
702	12/10/2009 19:16	7.09	50.95	32.98		8.29	0.9	3.01	
703	12/10/2009 19:31	7.04	50.98	32.99		8.29	0.5	3.03	
704	12/10/2009 19:46	6.95	50.88	32.91		8.30	0.5	3.03	
705	12/10/2009 20:01	6.97	50.92	32.94		8.29	0.9	3.00	
706	12/10/2009 20:16	7.00	50.93	32.95		8.29	0.7	2.99	
707	12/10/2009 20:31	7.04	50.95	32.97		8.29	3.0	2.94	
708	12/10/2009 20:46	6.81	50.86	32.88		8.29	0.6	2.88	
709	12/10/2009 21:01	6.71	50.79	32.82		8.30	0.4	2.84	
710	12/10/2009 21:16	6.67	50.76	32.79		7.94	0.7	2.76	
711	12/10/2009 21:31	6.76	50.72	32.78		8.32	0.9	2.68	
712	12/10/2009 21:46	6.71	50.74	32.78		8.33	0.8	2.63	
713	12/10/2009 22:01	6.74	50.74	32.79		8.34	0.5	2.56	
714	12/10/2009 22:16	6.67	50.73	32.78		7.95	0.4	2.49	
715	12/10/2009 22:31	6.66	50.71	32.76		7.96	0.4	2.43	
716	12/10/2009 22:46	6.63	50.69	32.74		7.97	0.4	2.37	
717	12/10/2009 23:01	6.61	50.72	32.76		8.34	0.4	2.30	
718	12/10/2009 23:16	6.56	50.72	32.76		8.34	0.4	2.24	
719	12/10/2009 23:31	6.54	50.71	32.74		8.34	0.5	2.19	
720	12/10/2009 23:46	6.51	50.62	32.68		8.34	0.4	2.15	
721	12/11/2009 0:01	6.49	50.66	32.70		8.35	0.3	2.12	
722	12/11/2009 0:16	6.41	50.66	32.69		8.35	0.4	2.07	
723	12/11/2009 0:31	6.34	50.59	32.64		8.36	0.3	2.07	
724	12/11/2009 0:46	6.28	50.55	32.60		8.00	0.2	2.07	
725	12/11/2009 1:01	6.29	50.55	32.60		8.00	0.2	2.07	
726	12/11/2009 1:16	6.31	50.58	32.63		8.37	0.2	2.11	
727	12/11/2009 1:31	6.32	50.58	32.63		8.36	0.3	2.14	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
728	12/11/2009 1:46	6.31	50.58	32.63		8.36	0.3	2.19	
729	12/11/2009 2:01	6.37	50.61	32.65		8.35	0.7	2.26	
730	12/11/2009 2:16	6.22	50.50	32.56		7.98	1.2	2.31	
731	12/11/2009 2:31	6.33	50.56	32.62		7.97	0.8	2.38	
732	12/11/2009 2:46	6.51	50.68	32.72		7.96	1.1	2.46	
733	12/11/2009 3:01	6.58	50.70	32.75		8.33	0.7	2.53	
734	12/11/2009 3:16	6.62	50.74	32.78		8.33	0.7	2.60	
735	12/11/2009 3:31	6.73	50.80	32.83		8.32	1.0	2.67	
736	12/11/2009 3:46	6.84	50.85	32.88		7.93	1.0	2.74	
737	12/11/2009 4:01	6.89	50.90	32.92		7.93	1.3	2.82	
738	12/11/2009 4:16	6.99	50.83	32.88		8.30	1.8	2.90	
739	12/11/2009 4:31	7.10	51.01	33.02		7.92	2.5	2.98	
740	12/11/2009 4:46	7.21	51.06	33.07		8.28	2.7	3.07	
741	12/11/2009 5:01	7.28	51.09	33.10		8.28	3.2	3.16	
742	12/11/2009 5:16	7.40	51.16	33.16		7.91	4.0	3.25	
743	12/11/2009 5:31	7.50	51.22	33.22		8.27	4.0	3.33	
744	12/11/2009 5:46	7.61	51.29	33.28		7.91	4.1	3.42	
745	12/11/2009 6:01	7.70	51.32	33.30		7.90	3.8	3.51	
746	12/11/2009 6:16	7.78	51.35	33.34		8.26	4.0	3.59	
747	12/11/2009 6:31	7.81	51.37	33.35		8.26	3.0	3.65	
748	12/11/2009 6:46	7.71	51.24	33.25		7.90	2.3	3.72	
749	12/11/2009 7:01	7.88	51.37	33.36		7.90	1.9	3.77	
750	12/11/2009 7:16	7.85	51.37	33.35		7.90	1.3	3.79	
751	12/11/2009 7:31	7.71	51.06	33.12		7.90	1.0	3.81	
752	12/11/2009 7:46	7.72	51.28	33.28		7.89	1.6	3.82	
753	12/11/2009 8:01	7.84	51.31	33.31		8.25	1.9	3.80	
754	12/11/2009 8:16	7.76	51.36	33.34		7.89	1.6	3.75	
755	12/11/2009 8:31	7.61	51.27	33.26		8.25	1.5	3.70	
756	12/11/2009 8:46	7.67	51.30	33.29		8.25	1.3	3.63	
757	12/11/2009 9:01	7.52	51.18	33.19		7.89	2.1	3.55	
758	12/11/2009 9:16	7.33	51.12	33.12		7.90	1.4	3.45	
759	12/11/2009 9:31	7.35	51.11	33.12		8.26	1.7	3.35	
760	12/11/2009 9:46	7.38	51.12	33.13		8.26	2.7	3.26	
761	12/11/2009 10:01	7.34	51.04	33.07		7.90	2.4	3.16	
762	12/11/2009 10:16	7.24	51.03	33.05		8.28	1.6	3.04	
763	12/11/2009 10:31	7.20	50.97	33.00		8.28	1.7	2.94	
764	12/11/2009 10:46	7.08	50.92	32.95		7.92	1.2	2.83	
765	12/11/2009 11:01	7.15	50.96	32.99		8.28	1.5	2.72	
766	12/11/2009 11:16	7.03	50.86	32.91		7.94	1.5	2.61	
767	12/11/2009 11:31	7.07	50.85	32.90		7.95	1.6	2.49	
768	12/11/2009 11:46	7.12	50.90	32.94		8.32	1.4	2.38	
769	12/11/2009 12:01	7.18	50.90	32.95		8.33	1.5	2.27	
770	12/11/2009 12:16	7.10	50.85	32.90		8.34	1.6	2.16	
771	12/11/2009 12:31	7.04	50.80	32.86		8.36	1.8	2.04	
772	12/11/2009 12:46	7.04	50.78	32.85		8.37	1.3	1.93	
773	12/11/2009 13:01	7.07	50.73	32.82		8.38	1.4	1.83	
774	12/11/2009 13:16	6.98	50.72	32.80		8.38	1.0	1.73	
775	12/11/2009 13:31	6.90	50.66	32.75		8.38	1.2	1.67	
776	12/11/2009 13:46	6.93	50.62	32.72		8.01	0.7	1.60	
777	12/11/2009 14:01	6.86	50.63	32.72		8.38	0.7	1.55	
778	12/11/2009 14:16	6.83	50.73	32.79		8.40	1.0	1.56	
779	12/11/2009 14:31	6.88	50.54	32.66		8.40	0.7	1.56	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
780	12/11/2009 14:46	6.65	50.39	32.53		8.03	0.5	1.57	
781	12/11/2009 15:01	6.64	50.47	32.58		8.40	0.4	1.63	
782	12/11/2009 15:16	6.47	50.38	32.50		8.41	0.2	1.69	
783	12/11/2009 15:31	6.52	50.37	32.50		8.03	0.4	1.75	
784	12/11/2009 15:46	6.33	50.05	32.25		8.04	1.2	1.83	
785	12/11/2009 16:01	6.33	50.06	32.26		8.03	1.3	1.90	
786	12/11/2009 16:16	6.39	50.20	32.36		8.02	1.1	1.98	
787	12/11/2009 16:31	6.55	50.36	32.49		8.00	1.0	2.05	
788	12/11/2009 16:46	6.59	50.43	32.55		8.37	0.9	2.11	
789	12/11/2009 17:01	6.61	50.46	32.57		8.37	0.9	2.20	
790	12/11/2009 17:16	6.71	50.53	32.64		8.35	0.9	2.26	
791	12/11/2009 17:31	6.83	50.66	32.74		7.96	1.1	2.33	
792	12/11/2009 17:46	6.85	50.69	32.77		8.33	1.3	2.41	
793	12/11/2009 18:01	6.86	50.72	32.79		8.32	1.2	2.47	
794	12/11/2009 18:16	6.89	50.71	32.79		8.32	1.3	2.54	
795	12/11/2009 18:31	6.93	50.75	32.82		8.32	1.2	2.60	
796	12/11/2009 18:46	7.01	50.79	32.85		8.31	1.4	2.67	
797	12/11/2009 19:01	7.04	50.65	32.75		8.00	1.3	2.74	
798	12/11/2009 19:16	7.06	50.77	32.85		7.93	1.3	2.80	
799	12/11/2009 19:31	7.12	50.84	32.90		7.93	1.3	2.86	
800	12/11/2009 19:46	7.17	50.83	32.90		8.29	1.3	2.91	
801	12/11/2009 20:01	7.24	50.88	32.94		7.92	1.2	2.96	
802	12/11/2009 20:16	7.31	50.90	32.96		7.91	1.0	3.00	
803	12/11/2009 20:31	7.31	50.85	32.93		7.91	1.1	3.03	
804	12/11/2009 20:46	7.36	50.92	32.99		7.91	0.9	3.06	
805	12/11/2009 21:01	7.22	50.88	32.94		7.91	0.6	3.07	
806	12/11/2009 21:16	7.35	50.92	32.98		7.91	0.9	3.06	
807	12/11/2009 21:31	7.34	50.95	33.01		8.27	0.8	3.05	
808	12/11/2009 21:46	7.38	50.96	33.01		8.27	0.8	3.02	
809	12/11/2009 22:01	7.36	50.94	33.00		8.27	0.8	2.97	
810	12/11/2009 22:16	7.23	50.83	32.91		8.28	1.0	2.91	
811	12/11/2009 22:31	7.14	50.75	32.84		7.92	1.1	2.85	
812	12/11/2009 22:46	7.12	50.75	32.83		8.29	1.0	2.78	
813	12/11/2009 23:01	7.08	50.73	32.82		8.30	0.8	2.72	
814	12/11/2009 23:16	7.05	50.71	32.80		8.30	0.7	2.65	
815	12/11/2009 23:31	7.02	50.70	32.79		8.30	0.7	2.60	
816	12/11/2009 23:46	7.01	50.70	32.79		8.31	0.5	2.54	
817	12/12/2009 0:01	7.00	50.68	32.78		8.30	0.5	2.48	
818	12/12/2009 0:16	7.00	50.65	32.76		8.30	0.4	2.44	
819	12/12/2009 0:31	6.96	50.64	32.74		8.31	0.3	2.39	
820	12/12/2009 0:46	6.96	50.63	32.74		8.31	0.2	2.35	
821	12/12/2009 1:01	6.95	50.58	32.70		8.32	0.2	2.32	
822	12/12/2009 1:16	6.94	50.59	32.70		8.32	0.2	2.29	
823	12/12/2009 1:31	6.89	50.55	32.67		8.33	0.2	2.27	
824	12/12/2009 1:46	6.88	50.55	32.67		8.33	0.0	2.28	
825	12/12/2009 2:01	6.93	50.60	32.71		7.95	0.2	2.28	
826	12/12/2009 2:16	6.91	50.57	32.69		8.32	0.1	2.31	
827	12/12/2009 2:31	6.89	50.58	32.69		7.95	0.4	2.33	
828	12/12/2009 2:46	6.90	50.60	32.71		8.32	0.7	2.38	
829	12/12/2009 3:01	6.89	50.62	32.72		8.32	0.8	2.43	
830	12/12/2009 3:16	6.84	50.44	32.58		7.96	2.1	2.49	
831	12/12/2009 3:31	6.92	50.58	32.69		7.95	1.2	2.56	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
832	12/12/2009 3:46	7.00	50.63	32.73		7.93	1.4	2.62	
833	12/12/2009 4:01	7.03	50.68	32.78		7.93	1.2	2.68	
834	12/12/2009 4:16	7.05	50.69	32.78		7.93	1.2	2.76	
835	12/12/2009 4:31	7.21	50.85	32.92		8.29	1.3	2.84	
836	12/12/2009 4:46	7.27	50.89	32.96		8.28	1.6	2.92	
837	12/12/2009 5:01	7.32	50.90	32.97		8.28	2.1	3.00	
838	12/12/2009 5:16	7.46	50.98	33.03		7.91	2.5	3.09	
839	12/12/2009 5:31	7.53	51.06	33.10		8.27	2.8	3.17	
840	12/12/2009 5:46	7.59	51.09	33.13		8.27	2.9	3.26	
841	12/12/2009 6:01	7.69	51.14	33.18		7.90	2.9	3.35	
842	12/12/2009 6:16	7.80	51.18	33.21		7.90	3.2	3.44	
843	12/12/2009 6:31	7.94	51.23	33.26		7.90	3.0	3.52	
844	12/12/2009 6:46	8.07	51.27	33.31		7.90	3.2	3.60	
845	12/12/2009 7:01	8.17	51.26	33.31		7.90	2.1	3.68	
846	12/12/2009 7:16	8.26	51.28	33.33		7.95	2.5	3.75	
847	12/12/2009 7:31	8.32	51.31	33.36		7.89	1.8	3.80	
848	12/12/2009 7:46	8.20	51.37	33.39		8.24	1.4	3.85	
849	12/12/2009 8:01	8.25	51.30	33.34		7.89	1.0	3.89	
850	12/12/2009 8:16	8.20	51.22	33.28		7.89	0.6	3.91	
851	12/12/2009 8:31	8.31	51.22	33.29		7.88	1.3	3.92	
852	12/12/2009 8:46	8.31	51.37	33.40		7.88	1.2	3.90	
853	12/12/2009 9:01	8.23	51.32	33.35		8.24	1.1	3.86	
854	12/12/2009 9:16	8.02	51.24	33.28		8.24	1.2	3.81	
855	12/12/2009 9:31	7.95	51.22	33.26		7.89	1.2	3.73	
856	12/12/2009 9:46	7.69	51.05	33.11		8.25	1.2	3.64	
857	12/12/2009 10:01	7.64	51.03	33.09		7.90	1.1	3.55	
858	12/12/2009 10:16	7.66	50.97	33.05		7.90	1.5	3.45	
859	12/12/2009 10:31	7.82	51.10	33.16		8.26	1.2	3.34	
860	12/12/2009 10:46	7.98	51.17	33.22		8.25	2.6	3.22	
861	12/12/2009 11:01	7.92	51.13	33.19		7.91	1.6	3.11	
862	12/12/2009 11:16	7.85	51.08	33.15		8.27	2.0	2.99	
863	12/12/2009 11:31	7.76	51.04	33.11		7.92	1.2	2.87	
864	12/12/2009 11:46	7.61	50.96	33.04		8.29	1.5	2.75	
865	12/12/2009 12:01	7.62	50.91	33.00		8.29	2.0	2.62	
866	12/12/2009 12:16	7.52	50.88	32.97		7.93	1.5	2.51	
867	12/12/2009 12:31	7.63	50.94	33.03		8.31	1.5	2.38	
868	12/12/2009 12:46	7.60	50.91	33.00		8.31	1.6	2.26	
869	12/12/2009 13:01	7.59	50.78	32.91		7.96	1.5	2.13	
870	12/12/2009 13:16	7.56	50.75	32.88		7.98	2.3	2.01	
871	12/12/2009 13:31	7.56	50.77	32.90		8.35	2.2	1.89	
872	12/12/2009 13:46	7.50	50.63	32.79		8.00	2.0	1.78	
873	12/12/2009 14:01	7.49	50.61	32.78		8.37	2.3	1.66	
874	12/12/2009 14:16	7.44	50.61	32.77		8.38	2.0	1.56	
875	12/12/2009 14:31	7.29	50.49	32.66		8.38	2.9	1.49	
876	12/12/2009 14:46	7.26	50.43	32.62		8.39	3.9	1.43	
877	12/12/2009 15:01	7.21	50.37	32.57		8.40	2.9	1.40	
878	12/12/2009 15:16	7.20	50.32	32.54		8.40	2.5	1.37	
879	12/12/2009 15:31	7.21	50.34	32.55		8.40	3.2	1.39	
880	12/12/2009 15:46	7.17	50.36	32.56		8.39	1.8	1.44	
881	12/12/2009 16:01	7.16	50.35	32.55		8.39	1.5	1.48	
882	12/12/2009 16:16	7.14	50.36	32.56		8.38	1.0	1.55	
883	12/12/2009 16:31	7.16	50.16	32.42		8.39	1.3	1.64	

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
884	12/12/2009 16:46	7.17	49.82	32.18		8.03	1.7	1.72	
885	12/12/2009 17:01	7.18	49.83	32.18		8.40	2.0	1.80	
886	12/12/2009 17:16	7.18	50.05	32.34		8.38	1.7	1.89	
887	12/12/2009 17:31	7.19	50.26	32.49		8.37	1.4	1.97	
888	12/12/2009 17:46	7.20	50.29	32.51		8.36	1.2	2.06	
889	12/12/2009 18:01	7.24	50.43	32.62		8.34	1.2	2.13	
890	12/12/2009 18:16	7.26	50.52	32.69		8.33	1.3	2.21	
891	12/12/2009 18:31	7.25	50.56	32.72		8.32	1.4	2.29	
892	12/12/2009 18:46	7.26	50.55	32.71		7.96	1.2	2.37	
893	12/12/2009 19:01	7.28	50.61	32.75		7.95	1.3	2.45	
894	12/12/2009 19:16	7.33	50.68	32.81		8.31	1.2	2.52	
895	12/12/2009 19:31	7.39	50.72	32.84		8.30	1.5	2.60	
896	12/12/2009 19:46	7.41	50.73	32.85		8.30	1.6	2.68	
897	12/12/2009 20:01	7.47	50.77	32.89		8.29	1.8	2.75	
898	12/12/2009 20:16	7.56	50.79	32.91		7.93	2.3	2.82	
899	12/12/2009 20:31	7.60	50.83	32.94		8.28	2.0	2.89	
900	12/12/2009 20:46	7.77	50.93	33.03		8.27	2.0	2.96	
901	12/12/2009 21:01	7.88	50.99	33.08		8.27	1.8	3.02	
902	12/12/2009 21:16	7.98	51.01	33.11		7.91	1.8	3.08	
903	12/12/2009 21:31	8.05	51.05	33.14		8.26	1.3	3.12	
904	12/12/2009 21:46	8.02	51.04	33.13		7.90	0.9	3.16	
905	12/12/2009 22:01	7.78	50.88	33.00		7.91	0.7	3.18	
906	12/12/2009 22:16	8.04	50.99	33.10		7.90	0.8	3.18	
907	12/12/2009 22:31	8.05	51.06	33.15		7.90	0.8	3.16	
908	12/12/2009 22:46	8.00	51.01	33.11		8.26	1.0	3.13	
909	12/12/2009 23:01	7.96	51.02	33.11		8.26	1.0	3.09	
910	12/12/2009 23:16	7.67	50.87	32.98		8.27	1.1	3.02	
911	12/12/2009 23:31	7.57	50.77	32.89		8.28	1.3	2.97	
912	12/12/2009 23:46	7.55	50.76	32.89		7.92	0.9	2.91	
913	12/13/2009 0:01	7.47	50.67	32.81		7.92	0.9	2.84	
914	12/13/2009 0:16	7.44	50.71	32.84		8.29	0.8	2.77	
915	12/13/2009 0:31	7.42	50.69	32.83		8.29	0.7	2.72	
916	12/13/2009 0:46	7.37	50.73	32.85		8.28	0.5	2.66	
917	12/13/2009 1:01	7.36	50.63	32.78		8.29	0.5	2.61	
918	12/13/2009 1:16	7.32	50.67	32.80		8.29	0.5	2.57	
919	12/13/2009 1:31	7.29	50.65	32.78		8.30	0.4	2.53	
920	12/13/2009 1:46	7.30	50.64	32.77		8.30	0.4	2.49	
921	12/13/2009 2:01	7.26	50.59	32.74		7.94	0.2	2.47	
922	12/13/2009 2:16	7.25	50.60	32.74		8.30	0.3	2.45	
923	12/13/2009 2:31	7.24	50.59	32.74		8.30	0.2	2.44	
924	12/13/2009 2:46	7.23	50.60	32.74		8.30	0.4	2.44	
925	12/13/2009 3:01	7.27	50.62	32.76		8.29	0.4	2.45	
926	12/13/2009 3:16	7.27	50.63	32.77		8.30	0.2	2.47	
927	12/13/2009 3:31	7.28	50.64	32.77		8.30	0.5	2.50	
928	12/13/2009 3:46	7.26	50.65	32.78		8.30	0.6	2.54	
929	12/13/2009 4:01	7.30	50.68	32.80		8.29	1.0	2.60	
930	12/13/2009 4:16	7.27	50.58	32.73		8.30	1.3	2.66	
931	12/13/2009 4:31	7.36	50.69	32.82		8.29	1.4	2.72	
932	12/13/2009 4:46	7.43	50.74	32.86		8.28	1.4	2.79	
933	12/13/2009 5:01	7.46	50.76	32.88		8.28	1.2	2.86	
934	12/13/2009 5:16	7.58	50.83	32.94		8.28	1.3	2.94	
935	12/13/2009 5:31	7.71	50.72	32.88		7.98	1.5	3.02	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
936	12/13/2009 5:46	7.75	50.92	33.02		7.91	1.5	3.10	
937	12/13/2009 6:01	7.85	50.99	33.08		8.27	1.8	3.19	
938	12/13/2009 6:16	7.98	51.04	33.13		8.26	1.7	3.28	
939	12/13/2009 6:31	8.09	51.08	33.17		7.91	1.8	3.36	
940	12/13/2009 6:46	8.19	51.13	33.22		8.25	1.8	3.44	
941	12/13/2009 7:01	8.30	51.16	33.25		8.25	2.1	3.53	
942	12/13/2009 7:16	8.37	51.20	33.28		7.90	1.8	3.61	
943	12/13/2009 7:31	8.45	51.17	33.27		7.90	1.6	3.68	
944	12/13/2009 7:46	8.50	51.26	33.34		7.90	1.4	3.75	
945	12/13/2009 8:01	8.57	51.27	33.35		7.90	1.2	3.82	
946	12/13/2009 8:16	8.65	51.28	33.36		7.90	0.8	3.87	
947	12/13/2009 8:31	8.63	51.29	33.37		7.90	0.5	3.91	
948	12/13/2009 8:46	8.57	51.06	33.20		7.90	0.1	3.95	
949	12/13/2009 9:01	8.23	51.19	33.26		8.24	0.0	3.97	
950	12/13/2009 9:16	8.65	51.22	33.32		7.89	0.2	3.97	
951	12/13/2009 9:31	8.17	51.01	33.12		7.89	0.4	3.95	
952	12/13/2009 9:46	8.31	51.19	33.27		7.90	0.4	3.92	
953	12/13/2009 10:01	8.41	51.21	33.29		8.26	0.5	3.85	
954	12/13/2009 10:16	8.34	51.17	33.26		8.25	0.9	3.77	
955	12/13/2009 10:31	8.21	51.12	33.21		8.26	0.9	3.69	
956	12/13/2009 10:46	8.08	51.04	33.14		8.27	1.6	3.58	
957	12/13/2009 11:01	8.25	51.05	33.16		8.26	1.8	3.48	
958	12/13/2009 11:16	8.23	51.08	33.18		7.91	1.3	3.37	
959	12/13/2009 11:31	8.23	51.04	33.15		7.91	1.8	3.25	
960	12/13/2009 11:46	8.20	51.06	33.16		7.91	2.0	3.13	
961	12/13/2009 12:01	8.14	50.99	33.11		7.92	1.4	3.01	
962	12/13/2009 12:16	8.07	50.92	33.05		7.93	1.8	2.88	
963	12/13/2009 12:31	7.92	50.83	32.97		7.94	2.4	2.76	
964	12/13/2009 12:46	8.04	50.90	33.04		7.95	1.6	2.64	
965	12/13/2009 13:01	7.92	50.86	32.99		8.31	1.3	2.50	
966	12/13/2009 13:16	8.18	50.94	33.07		8.32	1.5	2.37	
967	12/13/2009 13:31	8.13	50.86	33.01		7.98	1.1	2.25	
968	12/13/2009 13:46	8.04	50.84	32.99		8.35	1.6	2.10	
969	12/13/2009 14:01	7.97	50.72	32.90		8.36	2.0	1.97	
970	12/13/2009 14:16	7.96	50.71	32.89		8.36	2.1	1.83	
971	12/13/2009 14:31	7.93	50.69	32.87		8.00	1.8	1.69	
972	12/13/2009 14:46	7.88	50.63	32.82		8.36	1.9	1.57	
973	12/13/2009 15:01	7.85	50.63	32.82		8.36	1.5	1.47	
974	12/13/2009 15:16	7.85	50.59	32.79		8.36	1.3	1.38	
975	12/13/2009 15:31	7.81	50.53	32.75		8.01	1.4	1.31	
976	12/13/2009 15:46	7.85	50.52	32.75		8.38	1.3	1.28	
977	12/13/2009 16:01	8.15	50.65	32.86		8.40	1.8	1.27	
978	12/13/2009 16:16	7.71	50.30	32.57		8.41	1.2	1.29	
979	12/13/2009 16:31	7.62	50.26	32.53		8.41	1.3	1.35	
980	12/13/2009 16:46	7.59	50.25	32.53		8.41	1.2	1.41	
981	12/13/2009 17:01	7.53	50.21	32.49		8.42	1.0	1.48	
982	12/13/2009 17:16	7.53	50.21	32.49		8.41	1.2	1.57	
983	12/13/2009 17:31	7.55	49.81	32.21		8.40	2.0	1.65	
984	12/13/2009 17:46	7.57	49.91	32.28		8.40	1.8	1.73	
985	12/13/2009 18:01	7.56	49.79	32.19		8.03	2.0	1.80	
986	12/13/2009 18:16	7.59	50.08	32.40		8.39	2.0	1.89	
987	12/13/2009 18:31	7.64	50.25	32.53		8.38	1.6	1.98	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
988	12/13/2009 18:46	7.64	50.25	32.53		8.37	1.4	2.06	
989	12/13/2009 19:01	7.65	50.38	32.63		8.00	1.5	2.16	
990	12/13/2009 19:16	7.63	50.41	32.64		7.98	1.6	2.25	
991	12/13/2009 19:31	7.60	50.48	32.69		8.33	1.8	2.34	
992	12/13/2009 19:46	7.59	50.51	32.71		8.33	2.2	2.43	
993	12/13/2009 20:01	7.59	50.52	32.72		8.32	2.0	2.51	
994	12/13/2009 20:16	7.62	50.57	32.76		7.96	1.8	2.60	
995	12/13/2009 20:31	7.65	50.60	32.78		8.31	2.4	2.68	
996	12/13/2009 20:46	7.67	50.60	32.79		7.95	2.6	2.76	
997	12/13/2009 21:01	7.73	50.66	32.83		8.30	2.1	2.83	
998	12/13/2009 21:16	7.75	50.66	32.83		8.30	2.2	2.91	
999	12/13/2009 21:31	7.87	50.72	32.89		8.29	2.4	2.98	
1000	12/13/2009 21:46	7.98	50.76	32.93		7.93	2.3	3.04	
1001	12/13/2009 22:01	8.16	50.90	33.05		7.92	2.0	3.10	
1002	12/13/2009 22:16	8.23	50.92	33.07		7.92	1.8	3.16	
1003	12/13/2009 22:31	8.22	50.94	33.08		7.92	1.6	3.20	
1004	12/13/2009 22:46	8.28	50.96	33.10		8.27	1.0	3.23	
1005	12/13/2009 23:01	8.15	50.91	33.06		8.27	0.9	3.25	
1006	12/13/2009 23:16	8.13	50.84	33.00		7.92	0.5	3.27	
1007	12/13/2009 23:31	8.24	50.94	33.08		7.91	0.9	3.25	
1008	12/13/2009 23:46	8.28	50.99	33.12		8.26	0.9	3.21	
1009	12/14/2009 0:01	8.28	50.97	33.11		7.91	1.0	3.18	
1010	12/14/2009 0:16	7.96	50.84	32.98		8.27	1.0	3.13	
1011	12/14/2009 0:31	7.66	50.70	32.85		8.28	1.3	3.06	
1012	12/14/2009 0:46	7.66	50.66	32.82		8.29	1.5	2.99	
1013	12/14/2009 1:01	7.62	50.56	32.75		7.94	1.2	2.92	
1014	12/14/2009 1:16	7.60	50.58	32.77		8.30	1.2	2.86	
1015	12/14/2009 1:31	7.54	50.52	32.71		8.30	1.0	2.79	
1016	12/14/2009 1:46	7.54	50.58	32.76		7.94	0.8	2.73	
1017	12/14/2009 2:01	7.50	50.55	32.73		8.30	0.8	2.69	
1018	12/14/2009 2:16	7.51	50.54	32.73		8.30	0.9	2.64	
1019	12/14/2009 2:31	7.52	50.55	32.73		8.30	0.8	2.59	
1020	12/14/2009 2:46	7.54	50.55	32.73		8.31	0.6	2.56	
1021	12/14/2009 3:01	7.53	50.47	32.68		8.31	0.5	2.54	
1022	12/14/2009 3:16	7.52	50.53	32.72		8.31	0.3	2.53	
1023	12/14/2009 3:31	7.50	50.54	32.73		8.30	0.9	2.51	
1024	12/14/2009 3:46	7.51	50.54	32.72		7.94	0.6	2.52	
1025	12/14/2009 4:01	7.53	50.56	32.74		8.30	0.7	2.54	
1026	12/14/2009 4:16	7.53	50.56	32.75		8.30	0.7	2.57	
1027	12/14/2009 4:31	7.56	50.57	32.75		8.30	0.9	2.61	
1028	12/14/2009 4:46	7.57	50.55	32.74		7.94	1.4	2.65	
1029	12/14/2009 5:01	7.53	50.50	32.70		8.30	1.5	2.71	
1030	12/14/2009 5:16	7.60	50.57	32.76		8.30	1.9	2.78	
1031	12/14/2009 5:31	7.66	50.63	32.80		7.62	1.3	2.84	
1032	12/14/2009 5:46	7.69	50.58	32.77		7.93	1.3	2.90	
1033	12/14/2009 6:01	7.80	50.72	32.88		8.28	1.2	2.99	
1034	12/14/2009 6:16	8.03	50.88	33.02		8.28	1.2	3.06	
1035	12/14/2009 6:31	8.09	50.90	33.04		7.92	1.6	3.14	
1036	12/14/2009 6:46	8.23	50.96	33.10		8.27	1.7	3.23	
1037	12/14/2009 7:01	8.33	50.97	33.11		7.92	1.8	3.31	
1038	12/14/2009 7:16	8.43	51.05	33.18		7.92	2.1	3.39	
1039	12/14/2009 7:31	8.50	51.07	33.20		8.27	2.1	3.49	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1040	12/14/2009 7:46	8.59	51.06	33.20		7.92	1.9	3.55	
1041	12/14/2009 8:01	8.69	51.15	33.27		7.92	1.9	3.65	
1042	12/14/2009 8:16	8.72	51.15	33.28		7.92	1.7	3.71	
1043	12/14/2009 8:31	8.78	51.19	33.31		8.27	1.4	3.78	
1044	12/14/2009 8:46	8.90	51.21	33.33		8.26	0.7	3.86	
1045	12/14/2009 9:01	8.96	51.18	33.32		7.93	0.5	3.91	
1046	12/14/2009 9:16	9.04	51.20	33.34		7.93	0.1	3.95	
1047	12/14/2009 9:31	8.53	51.09	33.21		8.26	0.0	3.99	
1048	12/14/2009 9:46	8.73	50.99	33.16		7.92	0.0	4.01	
1049	12/14/2009 10:01	9.05	51.21	33.34		7.92	0.0	3.99	
1050	12/14/2009 10:16	8.32	50.98	33.12		7.92	0.2	3.97	
1051	12/14/2009 10:31	8.55	51.01	33.16		7.94	0.1	3.93	
1052	12/14/2009 10:46	8.71	51.08	33.22		7.94	0.4	3.85	
1053	12/14/2009 11:01	8.42	51.01	33.15		8.29	1.0	3.77	
1054	12/14/2009 11:16	8.21	50.88	33.04		8.30	0.4	3.68	
1055	12/14/2009 11:31	8.32	50.89	33.05		8.29	1.2	3.57	
1056	12/14/2009 11:46	8.56	51.04	33.18		8.28	1.4	3.48	
1057	12/14/2009 12:01	8.59	51.06	33.20		8.28	1.5	3.36	
1058	12/14/2009 12:16	8.56	50.95	33.12		8.29	1.2	3.23	
1059	12/14/2009 12:31	8.62	51.01	33.16		8.28	2.8	3.11	
1060	12/14/2009 12:46	8.60	51.00	33.15		7.95	2.0	2.98	
1061	12/14/2009 13:01	8.46	50.92	33.09		8.31	1.3	2.86	
1062	12/14/2009 13:16	8.12	50.67	32.88		7.98	2.1	2.72	
1063	12/14/2009 13:31	8.21	50.79	32.97		8.32	2.1	2.59	
1064	12/14/2009 13:46	8.28	50.23	32.57		8.05	3.4	2.45	
1065	12/14/2009 14:01	8.30	50.81	32.99		8.05	4.3	2.32	
1066	12/14/2009 14:16	8.30	50.77	32.96		8.35	5.0	2.17	
1067	12/14/2009 14:31	8.28	50.70	32.91		8.01	5.4	2.02	
1068	12/14/2009 14:46	8.13	50.64	32.85		8.01	6.2	1.89	
1069	12/14/2009 15:01	8.12	50.59	32.82		8.37	5.2	1.76	
1070	12/14/2009 15:16	8.06	50.56	32.80		8.02	9.2	1.61	
1071	12/14/2009 15:31	7.97	50.46	32.71		8.01	9.2	1.50	
1072	12/14/2009 15:46	7.92	50.42	32.68		8.37	9.2	1.38	
1073	12/14/2009 16:01	7.90	50.38	32.65		8.02	16.8	1.31	
1074	12/14/2009 16:16	7.87	50.25	32.55		8.02	12.9	1.24	
1075	12/14/2009 16:31	7.86	50.20	32.52		8.39	9.6	1.19	
1076	12/14/2009 16:46	7.86	50.25	32.55		8.39	13.4	1.22	
1077	12/14/2009 17:01	7.85	50.24	32.54		8.39	5.9	1.25	
1078	12/14/2009 17:16	7.86	50.26	32.56		8.03	4.3	1.30	
1079	12/14/2009 17:31	7.83	50.22	32.52		8.39	3.1	1.37	
1080	12/14/2009 17:46	7.83	50.25	32.54		8.03	4.0	1.46	
1081	12/14/2009 18:01	7.83	49.85	32.26		8.39	7.0	1.53	
1082	12/14/2009 18:16	7.83	49.85	32.26		8.04	3.5	1.60	
1083	12/14/2009 18:31	7.84	49.83	32.25		8.39	3.5	1.69	
1084	12/14/2009 18:46	7.84	49.90	32.30		8.39	3.5	1.76	
1085	12/14/2009 19:01	7.86	50.03	32.39		8.38	2.9	1.85	
1086	12/14/2009 19:16	7.87	50.10	32.44		8.02	3.1	1.93	
1087	12/14/2009 19:31	7.88	50.17	32.49		8.01	2.2	2.01	
1088	12/14/2009 19:46	7.91	50.28	32.58		8.00	2.6	2.11	
1089	12/14/2009 20:01	7.93	50.41	32.67		8.34	3.4	2.22	
1090	12/14/2009 20:16	7.94	50.43	32.69		8.33	4.3	2.30	
1091	12/14/2009 20:31	7.95	50.48	32.73		7.97	4.8	2.40	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1092	12/14/2009 20:46	7.97	50.50	32.74		7.97	4.6	2.50	
1093	12/14/2009 21:01	8.00	50.55	32.78		8.32	5.3	2.58	
1094	12/14/2009 21:16	8.07	50.58	32.81		7.66	5.1	2.67	
1095	12/14/2009 21:31	8.14	50.64	32.86		8.31	4.8	2.75	
1096	12/14/2009 21:46	8.22	50.69	32.90		8.30	4.8	2.84	
1097	12/14/2009 22:01	8.32	50.77	32.97		8.30	4.5	2.91	
1098	12/14/2009 22:16	8.38	50.81	33.00		8.29	4.3	2.99	
1099	12/14/2009 22:31	8.53	50.88	33.07		8.29	3.7	3.06	
1100	12/14/2009 22:46	8.64	50.93	33.11		8.28	3.7	3.14	
1101	12/14/2009 23:01	8.72	50.98	33.15		7.94	3.2	3.21	
1102	12/14/2009 23:16	8.78	50.98	33.16		7.93	2.5	3.25	
1103	12/14/2009 23:31	8.81	51.04	33.20		8.27	1.6	3.31	
1104	12/14/2009 23:46	8.67	51.05	33.20		8.28	1.4	3.33	
1105	12/15/2009 0:01	8.65	50.86	33.06		8.28	1.2	3.34	
1106	12/15/2009 0:16	8.71	50.89	33.09		8.27	1.3	3.35	
1107	12/15/2009 0:31	8.74	50.97	33.15		7.93	1.5	3.32	
1108	12/15/2009 0:46	8.64	50.90	33.09		8.28	1.5	3.27	
1109	12/15/2009 1:01	8.73	50.91	33.11		7.93	1.2	3.23	
1110	12/15/2009 1:16	8.65	50.86	33.06		8.27	1.6	3.15	
1111	12/15/2009 1:31	8.57	50.89	33.07		8.27	3.8	3.09	
1112	12/15/2009 1:46	8.54	50.85	33.05		8.27	2.9	3.02	
1113	12/15/2009 2:01	8.47	50.83	33.02		7.82		2.96	
1114	12/15/2009 2:16	8.42	50.75	32.96		8.16	3.9	2.90	
1115	12/15/2009 2:31	8.44	50.69	32.92		8.28	4.6	2.84	
1116	12/15/2009 2:46	8.31	50.63	32.86		8.29	4.6	2.79	
1117	12/15/2009 3:01	8.27	50.59	32.83		8.29	5.6	2.74	
1118	12/15/2009 3:16	8.25	50.24	32.58		8.01	5.3	2.71	
1119	12/15/2009 3:31	8.22	50.50	32.77		7.94	5.4	2.67	
1120	12/15/2009 3:46	8.25	50.62	32.85		8.29	4.0	2.65	
1121	12/15/2009 4:01	8.25	50.58	32.83		8.29	3.4	2.65	
1122	12/15/2009 4:16	8.25	50.61	32.85		8.29	3.2	2.62	
1123	12/15/2009 4:31	8.26	50.59	32.83		8.29	4.6	2.64	
1124	12/15/2009 4:46	8.29	50.55	32.80		7.93	4.5	2.65	
1125	12/15/2009 5:01	8.28	50.59	32.83		7.94	3.5	2.66	
1126	12/15/2009 5:16	8.31	50.63	32.87		8.29	3.9	2.70	
1127	12/15/2009 5:31	8.37	50.68	32.91		7.94	3.6	2.74	
1128	12/15/2009 5:46	8.45	50.71	32.93		7.93	4.4	2.79	
1129	12/15/2009 6:01	8.52	50.77	32.99		7.93	5.1	2.84	
1130	12/15/2009 6:16	8.60	50.83	33.04		7.93	4.5	2.90	
1131	12/15/2009 6:31	8.74	50.91	33.10		7.93	3.7	2.97	
1132	12/15/2009 6:46	8.81	50.95	33.14		7.93	3.5	3.04	
1133	12/15/2009 7:01	8.76	50.89	33.09		7.93	3.8	3.12	
1134	12/15/2009 7:16	8.64	50.86	33.06		8.28	4.4	3.20	
1135	12/15/2009 7:31	8.85	50.99	33.17		7.93	4.2	3.28	
1136	12/15/2009 7:46	8.93	50.67	32.95		8.00	3.7	3.36	
1137	12/15/2009 8:01	9.02	51.02	33.21		7.93	3.1	3.45	
1138	12/15/2009 8:16	9.14	51.04	33.23		7.93	2.8	3.53	
1139	12/15/2009 8:31	9.17	51.08	33.26		7.93	2.3	3.61	
1140	12/15/2009 8:46	9.24	51.04	33.24		7.93	2.3	3.70	
1141	12/15/2009 9:01	9.29	51.10	33.29		7.93	1.9	3.76	
1142	12/15/2009 9:16	9.34	51.13	33.31		7.93	1.5	3.84	
1143	12/15/2009 9:31	9.37	51.06	33.27		7.93	1.3	3.91	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1144	12/15/2009 9:46	9.39	51.12	33.31		7.93	1.1	3.95	
1145	12/15/2009 10:01	9.42	51.11	33.31		7.93	0.4	4.01	
1146	12/15/2009 10:16	9.42	51.03	33.25		7.93	1.0	4.04	
1147	12/15/2009 10:31	9.15	50.92	33.15		7.93	1.3	4.03	
1148	12/15/2009 10:46	8.90	50.82	33.05		8.27	1.6	4.03	
1149	12/15/2009 11:01	9.20	51.00	33.21		8.26	1.1	4.02	
1150	12/15/2009 11:16	9.34	51.05	33.25		8.26	1.0	3.95	
1151	12/15/2009 11:31	9.36	51.00	33.22		7.93	1.4	3.89	
1152	12/15/2009 11:46	9.35	50.97	33.20		7.94	1.2	3.81	
1153	12/15/2009 12:01	9.41	51.08	33.28		7.94	1.0	3.70	
1154	12/15/2009 12:16	9.35	51.04	33.25		7.93	2.2	3.59	
1155	12/15/2009 12:31	9.29	50.99	33.21		7.93	3.3	3.48	
1156	12/15/2009 12:46	9.22	50.94	33.16		7.93	4.8	3.36	
1157	12/15/2009 13:01	9.21	50.94	33.16		7.93	4.6	3.25	
1158	12/15/2009 13:16	9.03	50.78	33.03		8.27	6.0	3.11	
1159	12/15/2009 13:31	9.04	50.74	33.01		8.27	8.5	2.97	
1160	12/15/2009 13:46	9.08	50.76	33.03		8.27	7.2	2.85	
1161	12/15/2009 14:01	8.96	50.64	32.92		8.26	9.0	2.73	
1162	12/15/2009 14:16	8.95	50.60	32.90		8.27	12.2	2.58	
1163	12/15/2009 14:31	8.91	50.40	32.75		8.27	14.3	2.44	
1164	12/15/2009 14:46	8.93	50.61	32.90		7.93	11.8	2.32	
1165	12/15/2009 15:01	8.89	50.49	32.81		8.27	13.2	2.17	
1166	12/15/2009 15:16	8.90	50.41	32.75		8.28	12.1	2.03	
1167	12/15/2009 15:31	8.85	50.09	32.52		8.01	19.1	1.89	
1168	12/15/2009 15:46	8.74	50.26	32.64		7.94	30.4	1.74	
1169	12/15/2009 16:01	8.75	50.26	32.63		7.94	34.0	1.62	
1170	12/15/2009 16:16	8.71	50.10	32.51		7.94	40.2	1.50	
1171	12/15/2009 16:31	8.69	50.01	32.45		8.28	39.3	1.39	
1172	12/15/2009 16:46	8.71	49.92	32.39		8.29	42.1	1.33	
1173	12/15/2009 17:01	8.70	49.88	32.35		7.95	32.8	1.28	
1174	12/15/2009 17:16	8.71	49.85	32.34		8.29	22.8	1.25	
1175	12/15/2009 17:31	8.74	49.75	32.27		7.94	29.8	1.25	
1176	12/15/2009 17:46	8.72	49.81	32.31		8.29	20.0	1.29	
1177	12/15/2009 18:01	8.75	49.79	32.29		8.28	22.2	1.33	
1178	12/15/2009 18:16	8.71	49.83	32.32		8.28	19.3	1.40	
1179	12/15/2009 18:31	8.71	49.89	32.36		8.28	19.8	1.50	
1180	12/15/2009 18:46	8.74	49.63	32.18		7.64	14.3	1.57	
1181	12/15/2009 19:01	8.74	49.53	32.11		8.28	12.8	1.67	
1182	12/15/2009 19:16	8.77	49.27	31.93		7.94	13.4	1.76	
1183	12/15/2009 19:31	8.75	49.52	32.10		8.28	11.7	1.84	
1184	12/15/2009 19:46	8.73	49.78	32.29		8.28	12.4	1.95	
1185	12/15/2009 20:01	8.73	49.83	32.33		8.28	11.3	2.03	
1186	12/15/2009 20:16	8.74	50.01	32.46		8.27	10.1	2.13	
1187	12/15/2009 20:31	8.73	50.07	32.50		7.93	10.1	2.23	
1188	12/15/2009 20:46	8.70	49.94	32.40		7.93	10.4	2.32	
1189	12/15/2009 21:01	8.68	49.99	32.43		7.93	11.9	2.41	
1190	12/15/2009 21:16	8.65	49.95	32.40		7.93	14.5	2.52	
1191	12/15/2009 21:31	8.64	50.02	32.45		7.93	16.6	2.61	
1192	12/15/2009 21:46	8.65	50.11	32.52		7.93	16.8	2.69	
1193	12/15/2009 22:01	8.71	50.18	32.58		8.27	16.7	2.78	
1194	12/15/2009 22:16	8.82	50.23	32.62		7.93	14.9	2.87	
1195	12/15/2009 22:31	8.91	50.36	32.72		7.93	14.3	2.96	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1196	12/15/2009 22:46	8.96	50.37	32.73		7.93	15.0	3.05	
1197	12/15/2009 23:01	9.09	50.46	32.81		7.93	15.0	3.13	
1198	12/15/2009 23:16	9.18	50.30	32.70		7.90	13.7	3.20	
1199	12/15/2009 23:31	9.29	50.59	32.92		8.27	10.9	3.28	
1200	12/15/2009 23:46	9.34	50.59	32.92		8.26	7.4	3.33	
1201	12/16/2009 0:01	9.38	50.58	32.92		8.26	5.3	3.39	
1202	12/16/2009 0:16	9.41	50.55	32.90		8.26	3.7	3.43	
1203	12/16/2009 0:31	9.37	50.53	32.88		8.26	1.9	3.45	
1204	12/16/2009 0:46	9.24	50.40	32.78		8.26	3.2	3.47	
1205	12/16/2009 1:01	9.37	50.47	32.84		7.93	3.7	3.44	
1206	12/16/2009 1:16	9.43	50.55	32.90		8.26	9.6	3.40	
1207	12/16/2009 1:31	9.43	50.57	32.92		7.93	4.2	3.36	
1208	12/16/2009 1:46	9.12	50.14	32.58		7.92	6.2	3.29	
1209	12/16/2009 2:01	9.06	50.11	32.55		7.92	6.3	3.22	
1210	12/16/2009 2:16	9.12	50.27	32.67		7.92	6.5	3.15	
1211	12/16/2009 2:31	9.12	50.25	32.66		8.25	6.4	3.07	
1212	12/16/2009 2:46	9.09	50.21	32.63		7.91	6.1	3.01	
1213	12/16/2009 3:01	9.10	50.14	32.58		7.63	5.6	2.94	
1214	12/16/2009 3:16	9.06	50.19	32.61		8.25	4.6	2.88	
1215	12/16/2009 3:31	9.04	50.13	32.56		7.91	4.7	2.83	
1216	12/16/2009 3:46	9.00	50.10	32.54		8.25	4.8	2.78	
1217	12/16/2009 4:01	8.96	50.11	32.54		8.25	4.6	2.75	
1218	12/16/2009 4:16	8.92	50.10	32.53		8.25	4.6	2.71	
1219	12/16/2009 4:31	8.90	50.06	32.50		8.25	4.3	2.69	
1220	12/16/2009 4:46	8.92	50.06	32.51		8.25	4.3	2.67	
1221	12/16/2009 5:01	8.99	49.97	32.45		7.90	4.9	2.67	
1222	12/16/2009 5:16	8.98	49.99	32.46		8.24	4.6	2.67	
1223	12/16/2009 5:31	8.96	50.03	32.49		8.25	4.5	2.68	
1224	12/16/2009 5:46	8.97	50.06	32.51		8.25	4.3	2.71	
1225	12/16/2009 6:01	8.99	50.02	32.48		7.91	4.6	2.75	
1226	12/16/2009 6:16	9.02	50.09	32.53		8.25	4.7	2.78	
1227	12/16/2009 6:31	9.02	49.90	32.40		8.25	6.7	2.85	
1228	12/16/2009 6:46	9.13	50.09	32.54		7.91	5.4	2.90	
1229	12/16/2009 7:01	9.11	50.16	32.59		8.25	4.8	2.97	
1230	12/16/2009 7:16	9.13	50.20	32.63		8.25	5.5	3.05	
1231	12/16/2009 7:31	9.17	50.25	32.67		8.25	5.8	3.12	
1232	12/16/2009 7:46	9.21	50.31	32.71		8.25	5.5	3.20	
1233	12/16/2009 8:01	9.24	50.33	32.73		8.25	5.6	3.27	
1234	12/16/2009 8:16	9.23	50.31	32.71		8.25	5.5	3.36	
1235	12/16/2009 8:31	9.27	50.27	32.69		8.25	5.5	3.45	
1236	12/16/2009 8:46	9.35	50.29	32.70		8.26	6.0	3.53	
1237	12/16/2009 9:01	9.45	50.30	32.72		8.26	6.2	3.62	
1238	12/16/2009 9:16	9.53	50.34	32.76		8.26	6.0	3.69	
1239	12/16/2009 9:31	9.60	50.34	32.76		7.93	4.7	3.77	
1240	12/16/2009 9:46	9.66	50.31	32.74		7.94	4.0	3.84	
1241	12/16/2009 10:01	9.72	50.24	32.70		8.00	3.4	3.90	
1242	12/16/2009 10:16	9.70	50.32	32.75		7.94	2.4	3.96	
1243	12/16/2009 10:31	9.79	50.23	32.69		7.94	2.0	4.01	
1244	12/16/2009 10:46	9.55	50.13	32.60		7.92	2.1	4.03	
1245	12/16/2009 11:01	9.52	50.21	32.66		8.25	2.4	4.04	
1246	12/16/2009 11:16	9.39	50.23	32.66		8.25	2.4	4.02	
1247	12/16/2009 11:31	9.38	50.20	32.64		7.93	2.9	4.00	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1248	12/16/2009 11:46	9.61	50.26	32.70		7.94	4.6	3.95	
1249	12/16/2009 12:01	9.65	50.31	32.74		7.94	3.4	3.89	
1250	12/16/2009 12:16	9.51	50.32	32.74		8.27	3.1	3.80	
1251	12/16/2009 12:31	9.53	50.27	32.71		8.26	3.6	3.73	
1252	12/16/2009 12:46	9.50	50.20	32.65		7.93	3.4	3.62	
1253	12/16/2009 13:01	9.60	50.26	32.70		8.26	4.4	3.52	
1254	12/16/2009 13:16	9.63	50.24	32.69		8.26	4.4	3.40	
1255	12/16/2009 13:31	9.61	50.25	32.70		8.26	4.9	3.30	
1256	12/16/2009 13:46	9.63	50.21	32.67		7.94	4.6	3.17	
1257	12/16/2009 14:01	9.62	50.23	32.68		7.94	4.2	3.06	
1258	12/16/2009 14:16	9.62	50.22	32.67		7.94	4.2	2.95	
1259	12/16/2009 14:31	9.55	49.97	32.49		7.94	5.5	2.81	
1260	12/16/2009 14:46	9.52	50.11	32.59		7.94	5.4	2.67	
1261	12/16/2009 15:01	9.54	50.08	32.56		8.27	6.5	2.53	
1262	12/16/2009 15:16	9.65	50.11	32.59		8.29	4.9	2.41	
1263	12/16/2009 15:31	9.65	49.57	32.21		7.96	5.2	2.26	
1264	12/16/2009 15:46	9.65	50.00	32.51		7.96	5.7	2.11	
1265	12/16/2009 16:01	9.52	49.86	32.40		7.95	6.8	1.98	
1266	12/16/2009 16:16	9.61	49.94	32.47		8.30	6.7	1.84	
1267	12/16/2009 16:31	9.57	49.85	32.40		8.28	6.7	1.69	
1268	12/16/2009 16:46	9.57	49.80	32.37		8.28	6.9	1.56	
1269	12/16/2009 17:01	9.57	49.72	32.31		8.27	7.1	1.46	
1270	12/16/2009 17:16	9.64	49.56	32.20		7.94	10.8	1.36	
1271	12/16/2009 17:31	9.64	49.53	32.17		7.94	9.8	1.31	
1272	12/16/2009 17:46	9.69	49.41	32.10		8.26	7.8	1.27	
1273	12/16/2009 18:01	9.68	49.36	32.06		7.93	6.4	1.24	
1274	12/16/2009 18:16	9.65	49.46	32.13		8.26	7.6	1.25	
1275	12/16/2009 18:31	9.62	49.44	32.11		7.94	6.0	1.28	
1276	12/16/2009 18:46	9.61	49.50	32.15		7.93	4.9	1.31	
1277	12/16/2009 19:01	9.59	49.48	32.14		8.26	4.9	1.44	
1278	12/16/2009 19:16	9.60	49.38	32.07		8.26	4.9	1.50	
1279	12/16/2009 19:31	9.65	48.78	31.64		8.25	5.0	1.59	
1280	12/16/2009 19:46	9.69	48.41	31.37		8.25	5.7	1.66	
1281	12/16/2009 20:01	9.68	48.37	31.34		7.92	5.2	1.74	
1282	12/16/2009 20:16	9.67	48.49	31.43		8.25	4.8	1.85	
1283	12/16/2009 20:31	9.62	49.01	31.80		8.25	5.1	1.94	
1284	12/16/2009 20:46	9.61	49.15	31.90		7.93	5.5	2.03	
1285	12/16/2009 21:01	9.58	49.26	31.98		7.93	4.8	2.14	
1286	12/16/2009 21:16	9.52	49.39	32.07		7.92	5.4	2.25	
1287	12/16/2009 21:31	9.45	49.30	32.00		7.92	6.3	2.34	
1288	12/16/2009 21:46	9.41	49.57	32.19		7.92	7.9	2.46	
1289	12/16/2009 22:01	9.39	49.61	32.22		8.25	7.3	2.56	
1290	12/16/2009 22:16	9.40	49.63	32.23		8.25	7.8	2.66	
1291	12/16/2009 22:31	9.41	49.60	32.21		8.25	10.4	2.76	
1292	12/16/2009 22:46	9.42	49.70	32.28		8.25	12.0	2.83	
1293	12/16/2009 23:01	9.46	49.80	32.36		8.25	14.4	2.92	
1294	12/16/2009 23:16	9.50	49.84	32.39		8.25	13.9	3.02	
1295	12/16/2009 23:31	9.64	49.86	32.41		8.25	11.4	3.07	
1296	12/16/2009 23:46	9.76	49.58	32.22		8.26	10.3	3.15	
1297	12/17/2009 0:01	9.84	49.35	32.06		7.94	11.5	3.23	
1298	12/17/2009 0:16	9.87	49.23	31.98		8.27	9.8	3.28	
1299	12/17/2009 0:31	9.92	49.04	31.84		7.95	7.9	3.36	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1300	12/17/2009 0:46	9.97	48.82	31.68		7.96	7.6	3.39	
1301	12/17/2009 1:01	9.86	48.91	31.75		8.27	6.3	3.40	
1302	12/17/2009 1:16	9.35	49.06	31.82		8.21	3.7	3.43	
1303	12/17/2009 1:31	9.71	48.91	31.74		8.25	5.4	3.46	
1304	12/17/2009 1:46	9.57	49.13	31.89		8.25	5.3	3.42	
1305	12/17/2009 2:01	9.55	49.20	31.93		7.92	4.8	3.35	
1306	12/17/2009 2:16	9.60	49.53	32.18		8.25	4.8	3.33	
1307	12/17/2009 2:31	9.45	49.52	32.16		8.23	3.9	3.25	
1308	12/17/2009 2:46	9.32	49.57	32.18		7.88	4.0	3.19	
1309	12/17/2009 3:01	9.38	49.55	32.17		7.90	3.7	3.12	
1310	12/17/2009 3:16	9.42	49.57	32.19		7.90	3.7	3.04	
1311	12/17/2009 3:31	9.47	49.57	32.19		8.23	4.1	3.00	
1312	12/17/2009 3:46	9.53	49.66	32.26		8.24	4.3	2.97	
1313	12/17/2009 4:01	9.52	49.56	32.19		7.97	3.9	2.90	
1314	12/17/2009 4:16	9.50	49.66	32.26		7.91	3.7	2.85	
1315	12/17/2009 4:31	9.45	49.67	32.26		7.90	3.2	2.79	
1316	12/17/2009 4:46	9.42	49.66	32.25		8.23	2.9	2.77	
1317	12/17/2009 5:01	9.42	49.64	32.24		8.23	2.6	2.75	
1318	12/17/2009 5:16	9.38	49.54	32.16		8.22	2.4	2.69	
1319	12/17/2009 5:31	9.38	49.50	32.13		8.22	2.3	2.68	
1320	12/17/2009 5:46	9.35	49.47	32.11		8.22	2.7	2.68	
1321	12/17/2009 6:01	9.38	49.44	32.09		7.89	2.8	2.64	
1322	12/17/2009 6:16	9.40	49.54	32.16		8.22	2.8	2.67	
1323	12/17/2009 6:31	9.41	49.57	32.19		7.89	3.0	2.68	
1324	12/17/2009 6:46	9.42	49.60	32.21		8.22	3.4	2.73	
1325	12/17/2009 7:01	9.45	49.64	32.24		7.90	3.8	2.77	
1326	12/17/2009 7:16	9.38	49.18	31.91		7.89	4.5	2.83	
1327	12/17/2009 7:31	9.47	49.49	32.14		7.90	4.5	2.90	
1328	12/17/2009 7:46	9.49	49.54	32.17		8.23	4.2	2.97	
1329	12/17/2009 8:01	9.54	49.46	32.12		8.24	5.1	3.01	
1330	12/17/2009 8:16	9.61	49.36	32.05		8.25	5.2	3.11	
1331	12/17/2009 8:31	9.67	49.27	31.99		8.25	5.4	3.16	
1332	12/17/2009 8:46	9.73	49.16	31.92		8.25	6.5	3.24	
1333	12/17/2009 9:01	9.81	48.97	31.79		8.26	7.3	3.33	
1334	12/17/2009 9:16	9.82	48.91	31.74		8.26	7.2	3.41	
1335	12/17/2009 9:31	9.87	48.81	31.67		7.94	7.8	3.48	
1336	12/17/2009 9:46	9.92	48.79	31.66		7.94	8.7	3.56	
1337	12/17/2009 10:01	9.98	48.64	31.56		7.95	9.0	3.63	
1338	12/17/2009 10:16	10.04	48.21	31.26		7.93	11.5	3.72	
1339	12/17/2009 10:31	10.09	48.48	31.45		7.96	12.3	3.78	
1340	12/17/2009 10:46	10.11	48.48	31.45		8.29	11.4	3.85	
1341	12/17/2009 11:01	10.12	48.44	31.42		7.97	9.2	3.89	
1342	12/17/2009 11:16	10.13	48.44	31.43		7.97	9.9	3.94	
1343	12/17/2009 11:31	10.14	48.44	31.42		7.97	6.3	3.96	
	Mean	8.29	50.44	32.72	8.25	8.06	4.0	2.69	88.4
	Minimum	5.68	48.21	31.26	7.23	7.60	0.0	0.79	77.1
	Maximum	10.14	51.46	33.40	8.82	8.42	42.1	4.18	96.0

DO probe malfunctioned in field, data discarded

Parameter	Criteria	Source

sonde #4

Indian Island Long-Term Deployment Water Quality Data

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

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	12/17/2009 12:01	10.08	44.34	28.49	9.31	7.98	4.1	3.91	99.1
1	12/17/2009 12:16	10.12	44.33	28.49	9.41	8.01	4.3	3.88	100.3
2	12/17/2009 12:31	10.18	44.31	28.47	9.43	8.02	4.0	3.84	100.6
3	12/17/2009 12:46	10.24	44.27	28.45	9.48	8.04	4.9	3.74	101.3
4	12/17/2009 13:01	10.21	44.46	28.58	9.48	8.04	5.2	3.68	101.3
5	12/17/2009 13:16	10.23	44.45	28.58	9.45	8.04	5.6	3.58	101.0
6	12/17/2009 13:31	10.27	44.48	28.60	9.44	8.05	5.1	3.48	101.0
7	12/17/2009 13:46	10.21	44.57	28.66	9.33	8.04	7.1	3.35	99.7
8	12/17/2009 14:01	10.21	44.69	28.74	9.33	8.04	6.5	3.24	99.7
9	12/17/2009 14:16	10.18	44.79	28.82	9.34	8.04	5.6	3.11	99.8
10	12/17/2009 14:31	10.11	44.89	28.88	9.25	8.03	6.5	3.00	98.8
11	12/17/2009 14:46	10.12	44.98	28.95	9.24	8.05	5.6	2.88	98.7
12	12/17/2009 15:01	10.08	45.16	29.07	9.26	8.04	6.2	2.76	98.9
13	12/17/2009 15:16	9.98	45.27	29.15	9.19	8.03	7.0	2.63	98.0
14	12/17/2009 15:31	9.94	45.32	29.18	9.14	8.03	6.7	2.51	97.5
15	12/17/2009 15:46	9.92	45.42	29.25	9.16	8.03	7.0	2.36	97.7
16	12/17/2009 16:01	9.90	45.38	29.22	9.15	8.03	6.7	2.22	97.5
17	12/17/2009 16:16	9.94	45.51	29.32	9.14	8.03	6.7	2.09	97.5
18	12/17/2009 16:31	9.93	45.54	29.33	9.20	8.03	5.4	1.94	98.1
19	12/17/2009 16:46	9.89	45.59	29.37	9.17	8.03	4.5	1.79	97.7
20	12/17/2009 17:01	9.86	45.68	29.43	9.06	8.02	4.2	1.66	96.5
21	12/17/2009 17:16	9.83	45.74	29.47	9.02	8.02	4.5	1.53	96.2
22	12/17/2009 17:31	9.82	45.70	29.44	8.99	8.01	4.5	1.45	95.7
23	12/17/2009 17:46	9.82	45.72	29.45	8.95	8.01	4.6	1.32	95.4
24	12/17/2009 18:01	9.82	45.72	29.45	8.92	8.01	4.3	1.23	95.0
25	12/17/2009 18:16	9.83	45.68	29.43	8.87	8.01	4.4	1.22	94.5
26	12/17/2009 18:31	9.89	45.66	29.42	8.88	8.01	3.8	1.19	94.7
27	12/17/2009 18:46	9.86	45.68	29.43	8.85	8.00	3.2	1.18	94.4
28	12/17/2009 19:01	9.87	45.67	29.43	8.83	8.00	3.3	1.26	94.2
29	12/17/2009 19:16	9.87	45.66	29.42	8.81	8.00	3.1	1.33	94.0
30	12/17/2009 19:31	9.86	45.66	29.41	8.83	8.00	3.2	1.37	94.2
31	12/17/2009 19:46	9.86	45.47	29.28	8.79	8.00	3.2	1.47	93.6
32	12/17/2009 20:01	9.86	44.73	28.75	8.83	7.99	3.9	1.54	93.7
33	12/17/2009 20:16	9.85	44.70	28.73	8.84	7.99	3.7	1.63	93.7
34	12/17/2009 20:31	9.85	44.73	28.75	8.87	7.99	4.3	1.71	94.1
35	12/17/2009 20:46	9.85	44.92	28.89	8.87	7.99	3.5	1.79	94.2
36	12/17/2009 21:01	9.85	44.83	28.82	8.89	7.99	3.5	1.88	94.3
37	12/17/2009 21:16	9.85	45.20	29.08	8.91	7.99	3.4	1.98	94.7
38	12/17/2009 21:31	9.83	45.46	29.27	8.89	7.98	3.6	2.07	94.6
39	12/17/2009 21:46	9.82	45.66	29.41	8.91	8.00	4.2	2.18	94.9
40	12/17/2009 22:01	9.81	45.62	29.38	8.94	8.00	5.0	2.28	95.2
41	12/17/2009 22:16	9.83	45.72	29.46	8.92	8.00	6.2	2.37	95.1
42	12/17/2009 22:31	9.86	45.65	29.41	8.99	8.00	6.3	2.49	95.8
43	12/17/2009 22:46	9.89	45.64	29.40	9.00	8.00	7.1	2.58	96.0
44	12/17/2009 23:01	9.92	45.60	29.38	9.03	8.00	7.8	2.67	96.4
45	12/17/2009 23:16	9.94	45.51	29.31	9.06	8.01	8.7	2.76	96.7
46	12/17/2009 23:31	9.98	45.58	29.36	9.08	8.01	10.0	2.84	97.0
47	12/17/2009 23:46	10.00	45.58	29.37	9.11	8.01	9.2	2.93	97.3
48	12/18/2009 0:01	10.05	45.52	29.33	9.13	8.01	10.6	3.01	97.7
49	12/18/2009 0:16	10.10	45.48	29.30	9.15	8.02	11.3	3.08	97.9
50	12/18/2009 0:31	10.16	45.47	29.30	9.16	8.02	10.7	3.14	98.2
51	12/18/2009 0:46	10.23	45.46	29.30	9.20	8.02	9.3	3.22	98.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
52	12/18/2009 1:01	10.28	45.42	29.27	9.23	8.03	9.2	3.29	99.2
53	12/18/2009 1:16	10.33	45.39	29.25	9.25	8.04	7.3	3.32	99.5
54	12/18/2009 1:31	10.32	45.32	29.20	9.17	8.03	5.0	3.35	98.6
55	12/18/2009 1:46	9.92	45.38	29.22	8.37	7.94	3.8	3.38	89.2
56	12/18/2009 2:01	10.02	45.47	29.29	8.62	7.98	4.8	3.38	92.1
57	12/18/2009 2:16	10.13	45.41	29.25	8.86	8.00	4.4	3.35	94.9
58	12/18/2009 2:31	9.95	45.61	29.39	8.71	7.98	3.4	3.30	93.0
59	12/18/2009 2:46	10.08	45.53	29.34	8.96	8.00	4.0	3.25	95.9
60	12/18/2009 3:01	10.05	45.45	29.27	8.92	7.99	3.8	3.20	95.4
61	12/18/2009 3:16	10.06	45.47	29.29	8.87	7.99	3.5	3.13	94.9
62	12/18/2009 3:31	10.09	45.51	29.32	8.93	8.00	3.8	3.04	95.6
63	12/18/2009 3:46	10.01	45.58	29.37	8.86	7.99	3.2	2.98	94.7
64	12/18/2009 4:01	10.01	45.56	29.36	8.87	7.99	3.4	2.93	94.8
65	12/18/2009 4:16	10.00	45.55	29.35	8.80	7.98	3.3	2.86	94.1
66	12/18/2009 4:31	9.96	45.57	29.35	8.74	7.97	2.8	2.80	93.3
67	12/18/2009 4:46	9.95	45.60	29.38	8.67	7.97	2.5	2.76	92.6
68	12/18/2009 5:01	9.95	45.50	29.31	8.65	7.96	2.5	2.70	92.3
69	12/18/2009 5:16	9.94	45.57	29.35	8.60	7.96	2.2	2.68	91.7
70	12/18/2009 5:31	9.93	45.56	29.35	8.56	7.96	2.2	2.65	91.3
71	12/18/2009 5:46	9.93	45.57	29.36	8.47	7.96	2.4	2.63	90.4
72	12/18/2009 6:01	9.94	45.60	29.37	8.59	7.96	2.0	2.61	91.7
73	12/18/2009 6:16	9.93	45.56	29.35	8.56	7.96	1.9	2.60	91.4
74	12/18/2009 6:31	9.96	45.57	29.36	8.61	7.96	2.1	2.62	91.9
75	12/18/2009 6:46	9.96	45.59	29.37	8.69	7.97	2.4	2.62	92.8
76	12/18/2009 7:01	9.98	45.64	29.41	8.75	7.97	2.4	2.63	93.5
77	12/18/2009 7:16	9.98	45.56	29.35	8.77	7.98	3.0	2.67	93.7
78	12/18/2009 7:31	9.99	45.59	29.37	8.80	7.98	3.1	2.70	94.0
79	12/18/2009 7:46	9.98	45.40	29.23	8.79	7.97	3.2	2.75	93.8
80	12/18/2009 8:01	9.99	45.35	29.20	8.81	7.97	3.4	2.79	94.0
81	12/18/2009 8:16	10.05	45.47	29.29	8.90	7.99	3.9	2.86	95.2
82	12/18/2009 8:31	10.08	45.44	29.27	8.93	7.99	4.1	2.93	95.6
83	12/18/2009 8:46	10.09	45.48	29.30	8.95	7.99	4.3	2.99	95.8
84	12/18/2009 9:01	10.13	45.45	29.28	9.00	8.00	4.9	3.07	96.4
85	12/18/2009 9:16	10.17	45.46	29.29	9.04	8.00	4.8	3.14	97.0
86	12/18/2009 9:31	10.23	45.46	29.29	9.08	8.01	5.4	3.23	97.5
87	12/18/2009 9:46	10.28	45.42	29.27	9.13	8.01	5.6	3.31	98.1
88	12/18/2009 10:01	10.36	45.31	29.19	9.18	8.02	5.6	3.38	98.8
89	12/18/2009 10:16	10.42	45.28	29.17	9.22	8.03	6.5	3.46	99.4
90	12/18/2009 10:31	10.45	45.28	29.18	9.24	8.04	6.5	3.53	99.6
91	12/18/2009 10:46	10.48	45.28	29.18	9.26	8.04	6.7	3.60	99.9
92	12/18/2009 11:01	10.51	45.19	29.12	9.27	8.04	6.8	3.65	100.0
93	12/18/2009 11:16	10.54	45.09	29.05	9.29	8.04	6.2	3.70	100.2
94	12/18/2009 11:31	10.56	45.25	29.16	9.27	8.05	5.5	3.76	100.1
95	12/18/2009 11:46	10.57	45.15	29.09	9.28	8.05	5.0	3.79	100.3
96	12/18/2009 12:01	10.48	45.44	29.29	9.38	8.02	3.2	3.82	101.2
97	12/18/2009 12:16	10.46	45.48	29.32	9.43	8.03	2.6	3.83	101.8
98	12/18/2009 12:31	10.52	45.41	29.27	9.38	8.04	3.2	3.83	101.3
99	12/18/2009 12:46	10.52	45.39	29.26	9.48	8.04	3.1	3.80	102.4
100	12/18/2009 13:01	10.53	45.30	29.20	9.55	8.05	3.2	3.75	103.1
101	12/18/2009 13:16	10.63	45.32	29.22	9.59	8.06	3.1	3.70	103.9
102	12/18/2009 13:31	10.65	45.33	29.22	9.54	8.06	3.3	3.61	103.4
103	12/18/2009 13:46	10.60	45.34	29.23	9.55	8.05	3.2	3.52	103.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
104	12/18/2009 14:01	10.61	45.39	29.26	9.56	8.04	2.7	3.41	103.5
105	12/18/2009 14:16	10.62	45.35	29.24	9.46	8.04	3.4	3.31	102.4
106	12/18/2009 14:31	10.58	45.35	29.24	9.33	8.02	4.3	3.22	100.9
107	12/18/2009 14:46	10.51	45.34	29.22	9.30	8.02	4.0	3.10	100.4
108	12/18/2009 15:01	10.52	45.36	29.24	9.28	8.02	3.8	2.98	100.3
109	12/18/2009 15:16	10.51	45.39	29.26	9.28	8.02	3.7	2.88	100.3
110	12/18/2009 15:31	10.47	45.44	29.30	9.31	8.02	3.8	2.76	100.4
111	12/18/2009 15:46	10.48	45.38	29.25	9.29	8.02	4.3	2.63	100.3
112	12/18/2009 16:01	10.44	45.43	29.28	9.27	8.01	4.8	2.52	99.9
113	12/18/2009 16:16	10.44	45.48	29.32	9.33	8.02	5.1	2.40	100.6
114	12/18/2009 16:31	10.41	45.45	29.30	9.26	8.02	4.3	2.26	99.9
115	12/18/2009 16:46	10.42	45.42	29.27	9.36	8.03	3.5	2.12	100.9
116	12/18/2009 17:01	10.35	45.53	29.35	9.25	8.02	3.9	1.99	99.6
117	12/18/2009 17:16	10.30	45.55	29.37	9.20	8.01	3.7	1.87	99.0
118	12/18/2009 17:31	10.30	45.53	29.35	9.18	8.01	3.3	1.72	98.8
119	12/18/2009 17:46	10.27	45.57	29.38	9.13	8.00	3.4	1.61	98.1
120	12/18/2009 18:01	10.26	45.59	29.39	9.08	7.99	3.1	1.51	97.6
121	12/18/2009 18:16	10.26	45.63	29.41	9.04	7.99	2.7	1.42	97.3
122	12/18/2009 18:31	10.26	45.63	29.42	9.00	7.99	2.5	1.34	96.8
123	12/18/2009 18:46	10.27	45.60	29.39	8.97	7.99	2.0	1.28	96.4
124	12/18/2009 19:01	10.29	45.61	29.41	8.99	7.99	2.6	1.29	96.8
125	12/18/2009 19:16	10.30	45.60	29.40	9.05	7.99	2.8	1.28	97.4
126	12/18/2009 19:31	10.34	45.59	29.39	8.90	7.97	2.3	1.30	95.8
127	12/18/2009 19:46	10.30	45.63	29.42	9.03	7.99	3.3	1.35	97.2
128	12/18/2009 20:01	10.38	45.55	29.37	8.81	7.96	2.9	1.43	95.0
129	12/18/2009 20:16	10.39	45.42	29.28	8.80	7.95	2.3	1.48	94.8
130	12/18/2009 20:31	10.41	45.06	29.02	8.82	7.95	3.1	1.57	95.0
131	12/18/2009 20:46	10.41	44.64	28.72	8.88	7.96	3.5	1.65	95.3
132	12/18/2009 21:01	10.40	44.64	28.72	8.90	7.96	3.7	1.73	95.5
133	12/18/2009 21:16	10.41	44.46	28.59	8.92	7.96	3.5	1.81	95.8
134	12/18/2009 21:31	10.38	44.82	28.84	8.95	7.97	3.3	1.89	96.2
135	12/18/2009 21:46	10.36	45.03	28.99	8.97	7.97	3.2	1.97	96.4
136	12/18/2009 22:01	10.36	44.91	28.91	9.00	7.97	3.2	2.07	96.6
137	12/18/2009 22:16	10.32	45.24	29.14	9.00	7.97	3.7	2.18	96.7
138	12/18/2009 22:31	10.32	45.27	29.16	9.01	7.98	4.0	2.27	96.9
139	12/18/2009 22:46	10.34	45.30	29.18	9.05	7.98	4.9	2.37	97.3
140	12/18/2009 23:01	10.36	45.26	29.16	9.09	7.98	5.4	2.47	97.8
141	12/18/2009 23:16	10.39	45.30	29.19	9.11	7.99	5.6	2.55	98.1
142	12/18/2009 23:31	10.40	45.23	29.14	9.11	7.99	6.2	2.65	98.1
143	12/18/2009 23:46	10.42	45.31	29.20	9.15	7.99	6.5	2.73	98.5
144	12/19/2009 0:01	10.43	45.25	29.16	9.17	7.99	7.6	2.82	98.8
145	12/19/2009 0:16	10.43	45.32	29.21	9.18	8.00	8.2	2.89	98.9
146	12/19/2009 0:31	10.45	45.29	29.19	9.19	8.00	8.2	2.98	99.1
147	12/19/2009 0:46	10.49	45.23	29.14	9.21	8.00	8.9	3.05	99.4
148	12/19/2009 1:01	10.52	45.30	29.20	9.23	8.01	10.5	3.11	99.6
149	12/19/2009 1:16	10.59	45.21	29.13	9.24	8.02	12.7	3.19	99.9
150	12/19/2009 1:31	10.64	45.29	29.19	9.23	8.02	9.8	3.25	100.0
151	12/19/2009 1:46	10.65	45.37	29.25	9.25	8.02	6.8	3.30	100.2
152	12/19/2009 2:01	10.67	45.21	29.14	9.15	8.02	3.8	3.33	99.0
153	12/19/2009 2:16	10.46	45.16	29.10	8.87	7.98	3.5	3.36	95.6
154	12/19/2009 2:31	10.58	45.26	29.17	9.05	8.00	4.2	3.36	97.8
155	12/19/2009 2:46	10.34	45.31	29.19	8.61	7.94	3.2	3.34	92.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
156	12/19/2009 3:01	10.35	45.07	29.02	8.70	7.96	3.8	3.31	93.5
157	12/19/2009 3:16	10.39	45.30	29.19	8.93	7.98	3.3	3.27	96.2
158	12/19/2009 3:31	10.45	45.26	29.16	8.96	7.99	3.8	3.21	96.6
159	12/19/2009 3:46	10.35	45.20	29.12	8.79	7.96	2.9	3.13	94.5
160	12/19/2009 4:01	10.36	45.25	29.15	8.71	7.95	2.8	3.06	93.6
161	12/19/2009 4:16	10.41	45.29	29.18	8.87	7.97	3.0	2.99	95.6
162	12/19/2009 4:31	10.43	45.20	29.12	8.83	7.97	2.9	2.94	95.1
163	12/19/2009 4:46	10.40	45.24	29.15	8.78	7.96	2.2	2.88	94.5
164	12/19/2009 5:01	10.40	45.26	29.16	8.74	7.96	2.3	2.82	94.1
165	12/19/2009 5:16	10.39	45.27	29.17	8.73	7.96	2.3	2.77	94.0
166	12/19/2009 5:31	10.38	45.26	29.16	8.68	7.95	2.0	2.72	93.5
167	12/19/2009 5:46	10.37	45.20	29.12	8.57	7.94	1.8	2.68	92.2
168	12/19/2009 6:01	10.38	45.25	29.15	8.53	7.94	1.6	2.64	91.8
169	12/19/2009 6:16	10.37	45.21	29.12	8.51	7.94	1.6	2.61	91.5
170	12/19/2009 6:31	10.37	45.27	29.17	8.45	7.93	1.5	2.59	90.9
171	12/19/2009 6:46	10.38	45.29	29.18	8.50	7.93	1.3	2.57	91.5
172	12/19/2009 7:01	10.39	45.18	29.11	8.56	7.94	1.8	2.56	92.1
173	12/19/2009 7:16	10.39	45.19	29.11	8.65	7.95	2.1	2.56	93.1
174	12/19/2009 7:31	10.39	45.27	29.17	8.75	7.96	2.0	2.58	94.3
175	12/19/2009 7:46	10.40	45.26	29.16	8.83	7.96	2.3	2.61	95.1
176	12/19/2009 8:01	10.41	45.15	29.08	8.79	7.96	2.6	2.64	94.6
177	12/19/2009 8:16	10.41	45.25	29.16	8.87	7.97	2.5	2.68	95.5
178	12/19/2009 8:31	10.38	45.08	29.03	8.81	7.96	3.4	2.73	94.8
179	12/19/2009 8:46	10.41	45.19	29.11	8.87	7.95	3.4	2.78	95.5
180	12/19/2009 9:01	10.44	45.19	29.11	8.88	7.97	3.3	2.84	95.7
181	12/19/2009 9:16	10.45	45.20	29.12	8.91	7.97	3.4	2.90	96.0
182	12/19/2009 9:31	10.46	45.15	29.08	8.96	7.98	3.5	2.97	96.5
183	12/19/2009 9:46	10.52	45.15	29.09	9.02	7.99	3.8	3.05	97.4
184	12/19/2009 10:01	10.58	45.25	29.16	9.08	8.00	3.7	3.11	98.2
185	12/19/2009 10:16	10.64	45.09	29.05	9.15	8.01	3.8	3.18	98.9
186	12/19/2009 10:31	10.68	45.12	29.07	9.16	8.01	4.1	3.26	99.2
187	12/19/2009 10:46	10.72	45.22	29.15	9.18	8.02	3.9	3.33	99.6
188	12/19/2009 11:01	10.75	45.29	29.20	9.19	8.02	4.0	3.40	99.8
189	12/19/2009 11:16	10.78	45.27	29.19	9.21	8.03	4.1	3.46	100.1
190	12/19/2009 11:31	10.82	45.31	29.22	9.24	8.03	4.2	3.52	100.4
191	12/19/2009 11:46	10.85	45.33	29.23	9.25	8.04	4.2	3.58	100.6
192	12/19/2009 12:01	10.89	45.27	29.20	9.26	8.04	4.2	3.62	100.8
193	12/19/2009 12:16	10.92	45.26	29.19	9.27	8.05	3.7	3.67	100.9
194	12/19/2009 12:31	10.93	45.26	29.19	9.23	8.05	2.9	3.70	100.6
195	12/19/2009 12:46	10.93	45.29	29.21	9.18	8.04	2.6	3.72	100.0
196	12/19/2009 13:01	10.87	45.21	29.15	9.11	8.01	2.1	3.72	99.1
197	12/19/2009 13:16	10.94	45.28	29.20	9.23	8.04	3.6	3.71	100.6
198	12/19/2009 13:31	10.99	45.29	29.21	9.37	8.04	2.7	3.67	102.2
199	12/19/2009 13:46	10.97	45.30	29.22	9.33	8.04	4.2	3.62	101.8
200	12/19/2009 14:01	11.08	45.10	29.08	9.57	8.06	3.4	3.57	104.5
201	12/19/2009 14:16	11.08	45.25	29.19	9.65	8.05	3.4	3.47	105.5
202	12/19/2009 14:31	11.10	45.18	29.14	9.66	8.05	3.1	3.39	105.6
203	12/19/2009 14:46	11.01	45.24	29.18	9.53	8.03	3.1	3.29	104.0
204	12/19/2009 15:01	10.96	45.25	29.18	9.50	8.03	3.3	3.19	103.5
205	12/19/2009 15:16	10.90	45.23	29.16	9.38	8.02	4.0	3.08	102.1
206	12/19/2009 15:31	10.97	45.19	29.14	9.44	8.02	2.6	2.98	102.9
207	12/19/2009 15:46	10.94	45.13	29.09	9.41	8.02	3.4	2.87	102.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
208	12/19/2009 16:01	10.93	45.11	29.08	9.40	8.02	2.6	2.76	102.3
209	12/19/2009 16:16	10.92	45.11	29.08	9.41	8.01	2.1	2.66	102.4
210	12/19/2009 16:31	10.90	45.12	29.08	9.37	8.01	2.0	2.55	102.0
211	12/19/2009 16:46	10.88	45.04	29.03	9.37	8.01	2.3	2.43	101.9
212	12/19/2009 17:01	10.88	45.27	29.19	9.36	8.01	2.1	2.32	101.8
213	12/19/2009 17:16	10.86	45.27	29.19	9.30	8.01	2.9	2.18	101.1
214	12/19/2009 17:31	10.86	45.28	29.20	9.25	8.00	3.2	2.06	100.6
215	12/19/2009 17:46	10.84	45.16	29.11	9.20	8.00	3.4	1.95	100.0
216	12/19/2009 18:01	10.82	45.25	29.18	9.20	7.99	3.2	1.81	99.9
217	12/19/2009 18:16	10.79	45.29	29.20	9.13	7.98	3.0	1.69	99.2
218	12/19/2009 18:31	10.78	45.11	29.08	9.10	7.99	2.9	1.60	98.7
219	12/19/2009 18:46	10.78	45.17	29.12	9.05	7.98	2.4	1.51	98.2
220	12/19/2009 19:01	10.77	45.20	29.13	9.04	7.98	2.3	1.44	98.1
221	12/19/2009 19:16	10.78	45.26	29.18	9.02	7.98	2.3	1.39	97.9
222	12/19/2009 19:31	10.78	45.14	29.10	9.00	7.98	2.0	1.33	97.7
223	12/19/2009 19:46	10.78	45.29	29.20	8.92	7.98	2.2	1.34	96.8
224	12/19/2009 20:01	10.80	45.15	29.11	9.06	7.98	2.3	1.36	98.4
225	12/19/2009 20:16	10.82	45.16	29.11	9.07	7.98	3.1	1.38	98.5
226	12/19/2009 20:31	10.86	45.24	29.17	9.04	7.97	3.2	1.45	98.4
227	12/19/2009 20:46	10.98	45.14	29.10	8.91	7.96	2.1	1.51	97.1
228	12/19/2009 21:01	10.98	44.96	28.98	8.94	7.95	2.2	1.60	97.4
229	12/19/2009 21:16	10.96	44.93	28.95	8.97	7.95	2.7	1.67	97.7
230	12/19/2009 21:31	10.97	44.52	28.66	8.99	7.95	3.2	1.75	97.7
231	12/19/2009 21:46	10.95	44.75	28.83	9.03	7.96	2.8	1.83	98.2
232	12/19/2009 22:01	10.96	44.64	28.75	9.03	7.96	2.9	1.92	98.1
233	12/19/2009 22:16	10.97	44.68	28.78	9.05	7.96	2.5	2.02	98.4
234	12/19/2009 22:31	10.96	44.74	28.82	9.08	7.96	2.4	2.09	98.7
235	12/19/2009 22:46	10.90	44.90	28.93	9.14	7.97	3.0	2.18	99.4
236	12/19/2009 23:01	10.88	45.09	29.06	9.19	7.97	3.1	2.28	99.9
237	12/19/2009 23:16	10.89	45.06	29.05	9.19	7.97	3.3	2.35	100.0
238	12/19/2009 23:31	10.90	45.23	29.16	9.20	7.98	3.8	2.46	100.2
239	12/19/2009 23:46	10.89	45.23	29.17	9.23	7.97	4.3	2.54	100.4
240	12/20/2009 0:01	10.89	45.14	29.10	9.24	7.98	4.9	2.62	100.5
241	12/20/2009 0:16	10.89	45.13	29.09	9.26	7.99	5.2	2.71	100.8
242	12/20/2009 0:31	10.90	45.11	29.08	9.28	7.99	5.6	2.78	101.0
243	12/20/2009 0:46	10.91	45.11	29.08	9.29	8.00	6.3	2.86	101.1
244	12/20/2009 1:01	10.93	45.19	29.14	9.32	8.00	7.0	2.94	101.5
245	12/20/2009 1:16	10.98	45.21	29.16	9.34	8.00	8.7	3.03	101.9
246	12/20/2009 1:31	11.01	45.21	29.16	9.35	8.01	9.7	3.09	102.0
247	12/20/2009 1:46	11.06	45.24	29.18	9.37	8.02	9.0	3.17	102.4
248	12/20/2009 2:01	11.07	45.34	29.25	9.37	8.03	8.3	3.22	102.4
249	12/20/2009 2:16	11.09	45.39	29.29	9.37	8.03	7.0	3.28	102.5
250	12/20/2009 2:31	11.09	45.32	29.24	9.33	8.04	4.5	3.32	102.0
251	12/20/2009 2:46	11.10	45.39	29.29	9.34	8.04	3.5	3.35	102.2
252	12/20/2009 3:01	11.05	45.31	29.23	9.21	8.02	3.8	3.35	100.6
253	12/20/2009 3:16	11.07	45.20	29.15	9.21	8.04	4.5	3.34	100.7
254	12/20/2009 3:31	11.09	45.47	29.35	9.27	8.03	3.5	3.31	101.4
255	12/20/2009 3:46	11.04	45.38	29.28	9.25	8.02	5.2	3.25	101.0
256	12/20/2009 4:01	10.98	45.21	29.15	9.16	8.01	3.8	3.21	99.9
257	12/20/2009 4:16	10.88	45.10	29.07	9.02	7.98	3.5	3.15	98.1
258	12/20/2009 4:31	10.87	45.20	29.14	8.98	7.98	3.2	3.06	97.7
259	12/20/2009 4:46	10.82	45.10	29.07	8.85	7.96	2.7	3.00	96.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
260	12/20/2009 5:01	10.85	45.18	29.12	8.88	7.96	2.5	2.93	96.5
261	12/20/2009 5:16	10.87	45.01	29.01	8.90	7.97	2.6	2.89	96.7
262	12/20/2009 5:31	10.85	45.17	29.12	8.84	7.96	2.4	2.81	96.2
263	12/20/2009 5:46	10.87	45.18	29.13	8.87	7.96	2.0	2.77	96.5
264	12/20/2009 6:01	10.87	45.09	29.06	8.80	7.96	2.1	2.72	95.7
265	12/20/2009 6:16	10.83	45.09	29.06	8.67	7.95	1.7	2.69	94.2
266	12/20/2009 6:31	10.83	45.12	29.08	8.73	7.94	2.2	2.65	94.8
267	12/20/2009 6:46	10.84	45.13	29.09	8.73	7.94	1.5	2.60	94.9
268	12/20/2009 7:01	10.81	45.06	29.04	8.62	7.94	1.4	2.58	93.6
269	12/20/2009 7:16	10.80	45.05	29.03	8.57	7.94	1.1	2.57	93.0
270	12/20/2009 7:31	10.82	45.00	28.99	8.63	7.94	1.3	2.56	93.7
271	12/20/2009 7:46	10.82	45.01	29.01	8.67	7.94	1.3	2.55	94.1
272	12/20/2009 8:01	10.83	45.05	29.03	8.76	7.95	1.6	2.54	95.2
273	12/20/2009 8:16	10.84	45.07	29.05	8.76	7.95	1.6	2.58	95.2
274	12/20/2009 8:31	10.84	45.02	29.01	8.78	7.95	2.0	2.61	95.4
275	12/20/2009 8:46	10.86	45.12	29.09	8.89	7.96	2.0	2.62	96.6
276	12/20/2009 9:01	10.86	45.10	29.07	8.93	7.95	2.0	2.66	97.1
277	12/20/2009 9:16	10.87	44.84	28.88	8.95	7.95	2.2	2.72	97.2
278	12/20/2009 9:31	10.89	44.96	28.98	9.00	7.96	2.5	2.76	97.8
279	12/20/2009 9:46	10.91	44.97	28.98	9.03	7.96	2.5	2.81	98.2
280	12/20/2009 10:01	10.91	44.96	28.98	9.03	7.97	2.6	2.87	98.2
281	12/20/2009 10:16	10.92	45.14	29.10	9.04	7.97	2.5	2.94	98.4
282	12/20/2009 10:31	10.94	45.08	29.06	9.10	7.98	2.4	3.00	99.1
283	12/20/2009 10:46	11.00	45.25	29.19	9.21	7.99	2.5	3.06	100.5
284	12/20/2009 11:01	11.03	45.36	29.27	9.27	8.00	2.7	3.13	101.2
285	12/20/2009 11:16	11.04	45.40	29.29	9.27	8.01	2.6	3.19	101.3
286	12/20/2009 11:31	11.06	45.41	29.30	9.28	8.01	2.6	3.25	101.4
287	12/20/2009 11:46	11.07	45.44	29.32	9.30	8.01	2.6	3.31	101.7
288	12/20/2009 12:01	11.10	45.51	29.37	9.30	8.02	2.6	3.36	101.8
289	12/20/2009 12:16	11.12	45.59	29.43	9.31	8.03	2.9	3.42	102.0
290	12/20/2009 12:31	11.14	45.58	29.43	9.30	8.03	2.4	3.46	102.0
291	12/20/2009 12:46	11.14	45.68	29.50	9.29	8.03	2.6	3.51	101.9
292	12/20/2009 13:01	11.16	45.72	29.53	9.28	8.04	2.5	3.55	101.8
293	12/20/2009 13:16	11.18	45.70	29.51	9.26	8.04	2.6	3.56	101.6
294	12/20/2009 13:31	11.20	45.71	29.53	9.25	8.04	1.9	3.57	101.6
295	12/20/2009 13:46	11.18	45.75	29.55	9.19	8.04	2.1	3.57	100.9
296	12/20/2009 14:01	11.19	45.76	29.56	9.20	8.04	2.3	3.57	101.1
297	12/20/2009 14:16	11.19	45.75	29.55	9.21	8.04	2.7	3.51	101.2
298	12/20/2009 14:31	11.26	45.66	29.49	9.22	8.04	2.6	3.46	101.4
299	12/20/2009 14:46	11.45	45.31	29.25	9.76	8.06	5.2	3.40	107.5
300	12/20/2009 15:01	11.39	45.22	29.18	9.53	8.04	2.1	3.32	104.9
301	12/20/2009 15:16	11.36	45.29	29.23	9.53	8.03	1.6	3.23	104.8
302	12/20/2009 15:31	11.40	45.13	29.12	9.58	8.04	1.6	3.15	105.4
303	12/20/2009 15:46	11.28	45.13	29.11	9.35	8.01	2.4	3.07	102.6
304	12/20/2009 16:01	11.28	45.14	29.12	9.32	8.01	2.6	2.97	102.3
305	12/20/2009 16:16	11.28	45.13	29.11	9.30	8.00	2.6	2.86	102.1
306	12/20/2009 16:31	11.27	45.06	29.06	9.29	8.00	2.4	2.78	101.9
307	12/20/2009 16:46	11.27	44.97	29.00	9.28	8.00	2.7	2.67	101.7
308	12/20/2009 17:01	11.28	44.95	28.98	9.30	8.00	2.7	2.58	101.9
309	12/20/2009 17:16	11.28	44.98	29.01	9.29	8.00	2.9	2.47	101.9
310	12/20/2009 17:31	11.25	45.08	29.07	9.26	8.00	3.1	2.37	101.5
311	12/20/2009 17:46	11.26	45.11	29.10	9.21	8.00	3.3	2.26	101.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
312	12/20/2009 18:01	11.28	45.11	29.10	9.16	7.99	3.2	2.14	100.5
313	12/20/2009 18:16	11.28	45.05	29.05	9.11	7.99	3.5	2.03	99.9
314	12/20/2009 18:31	11.27	44.98	29.01	9.09	7.98	3.4	1.92	99.6
315	12/20/2009 18:46	11.28	44.90	28.95	9.03	7.97	3.5	1.81	98.9
316	12/20/2009 19:01	11.29	44.98	29.01	8.98	7.95	2.7	1.72	98.4
317	12/20/2009 19:16	11.33	44.69	28.80	8.93	7.95	2.4	1.63	97.9
318	12/20/2009 19:31	11.36	44.75	28.84	8.88	7.94	2.2	1.57	97.4
319	12/20/2009 19:46	11.38	44.70	28.81	8.86	7.94	2.0	1.51	97.3
320	12/20/2009 20:01	11.39	44.70	28.81	8.77	7.93	1.2	1.48	96.3
321	12/20/2009 20:16	11.38	44.63	28.76	8.76	7.93	1.9	1.47	96.1
322	12/20/2009 20:31	11.35	44.64	28.76	8.86	7.94	2.1	1.48	97.2
323	12/20/2009 20:46	11.36	44.70	28.81	8.91	7.94	1.7	1.52	97.7
324	12/20/2009 21:01	11.37	44.64	28.77	8.96	7.94	1.6	1.56	98.3
325	12/20/2009 21:16	11.37	44.56	28.71	9.02	7.94	1.6	1.64	98.9
326	12/20/2009 21:31	11.38	44.55	28.70	9.02	7.94	1.7	1.71	98.9
327	12/20/2009 21:46	11.44	43.95	28.28	8.97	7.93	2.6	1.78	98.2
328	12/20/2009 22:01	11.41	44.13	28.41	8.99	7.93	2.3	1.86	98.5
329	12/20/2009 22:16	11.40	44.29	28.52	8.98	7.93	2.3	1.94	98.4
330	12/20/2009 22:31	11.39	44.34	28.55	8.99	7.94	2.3	2.02	98.6
331	12/20/2009 22:46	11.39	44.43	28.62	9.02	7.94	2.0	2.10	98.8
332	12/20/2009 23:01	11.37	44.51	28.67	9.06	7.95	2.1	2.18	99.3
333	12/20/2009 23:16	11.34	44.73	28.83	9.13	7.95	2.3	2.26	100.1
334	12/20/2009 23:31	11.31	44.92	28.96	9.18	7.96	2.4	2.34	100.7
335	12/20/2009 23:46	11.32	44.90	28.95	9.19	7.97	2.7	2.42	100.8
336	12/21/2009 0:01	11.33	44.85	28.92	9.19	7.97	2.9	2.51	100.8
337	12/21/2009 0:16	11.32	44.85	28.92	9.20	7.96	3.1	2.58	101.0
338	12/21/2009 0:31	11.31	44.90	28.95	9.21	7.97	3.8	2.65	101.0
339	12/21/2009 0:46	11.30	44.99	29.01	9.24	7.97	3.7	2.75	101.3
340	12/21/2009 1:01	11.29	44.96	28.99	9.25	7.98	4.5	2.83	101.4
341	12/21/2009 1:16	11.30	44.88	28.94	9.25	7.98	5.6	2.91	101.4
342	12/21/2009 1:31	11.30	45.08	29.08	9.27	7.99	5.1	2.99	101.8
343	12/21/2009 1:46	11.30	45.19	29.16	9.29	8.00	5.7	3.07	102.1
344	12/21/2009 2:01	11.31	45.28	29.22	9.30	8.01	5.5	3.15	102.2
345	12/21/2009 2:16	11.31	45.34	29.27	9.29	8.01	5.3	3.21	102.1
346	12/21/2009 2:31	11.32	45.44	29.34	9.27	8.01	4.8	3.28	102.0
347	12/21/2009 2:46	11.34	45.42	29.33	9.25	8.02	4.0	3.34	101.7
348	12/21/2009 3:01	11.35	45.46	29.35	9.23	8.03	3.2	3.38	101.6
349	12/21/2009 3:16	11.35	45.45	29.34	9.17	8.03	2.3	3.39	101.0
350	12/21/2009 3:31	11.35	45.37	29.29	9.10	8.02	1.9	3.41	100.1
351	12/21/2009 3:46	11.34	45.28	29.22	9.13	8.02	2.5	3.41	100.3
352	12/21/2009 4:01	11.35	45.39	29.30	9.14	8.02	3.0	3.39	100.5
353	12/21/2009 4:16	11.35	45.45	29.34	9.16	8.03	3.1	3.35	100.8
354	12/21/2009 4:31	11.34	45.41	29.32	9.14	8.02	4.3	3.32	100.5
355	12/21/2009 4:46	11.30	45.07	29.07	9.07	7.99	2.3	3.27	99.5
356	12/21/2009 5:01	11.30	45.10	29.09	9.06	8.00	2.3	3.19	99.4
357	12/21/2009 5:16	11.30	45.03	29.04	9.08	7.99	4.2	3.12	99.6
358	12/21/2009 5:31	11.30	44.90	28.95	8.98	7.97	2.6	3.08	98.5
359	12/21/2009 5:46	11.30	44.89	28.94	8.90	7.97	2.9	3.00	97.6
360	12/21/2009 6:01	11.30	44.92	28.96	8.90	7.96	3.1	2.93	97.6
361	12/21/2009 6:16	11.29	44.87	28.93	8.88	7.96	2.6	2.88	97.4
362	12/21/2009 6:31	11.30	44.80	28.88	8.85	7.96	2.4	2.83	96.9
363	12/21/2009 6:46	11.28	44.82	28.89	8.82	7.94	1.9	2.77	96.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
364	12/21/2009 7:01	11.30	44.77	28.85	8.85	7.95	2.4	2.72	96.9
365	12/21/2009 7:16	11.29	44.73	28.83	8.78	7.95	2.1	2.69	96.2
366	12/21/2009 7:31	11.28	44.65	28.77	8.76	7.95	2.0	2.65	95.9
367	12/21/2009 7:46	11.28	44.70	28.80	8.81	7.95	2.4	2.62	96.4
368	12/21/2009 8:01	11.26	44.66	28.78	8.62	7.94	2.0	2.61	94.3
369	12/21/2009 8:16	11.26	44.66	28.77	8.72	7.94	1.3	2.58	95.4
370	12/21/2009 8:31	11.27	44.64	28.77	8.79	7.93	1.1	2.57	96.2
371	12/21/2009 8:46	11.27	44.63	28.76	8.82	7.94	1.6	2.56	96.5
372	12/21/2009 9:01	11.27	44.73	28.83	8.74	7.93	2.6	2.57	95.7
373	12/21/2009 9:16	11.28	44.77	28.86	8.87	7.94	2.0	2.58	97.1
374	12/21/2009 9:31	11.28	44.82	28.89	8.84	7.94	2.3	2.61	96.9
375	12/21/2009 9:46	11.28	44.76	28.85	8.87	7.95	2.4	2.64	97.2
376	12/21/2009 10:01	11.29	44.63	28.75	9.12	7.95	2.4	2.68	99.9
377	12/21/2009 10:16	11.29	44.63	28.76	8.99	7.95	2.5	2.72	98.4
378	12/21/2009 10:31	11.29	44.76	28.84	8.90	7.96	2.5	2.77	97.5
379	12/21/2009 10:46	11.29	44.79	28.87	8.92	7.96	2.3	2.83	97.7
380	12/21/2009 11:01	11.29	44.70	28.81	8.95	7.96	2.3	2.87	98.0
381	12/21/2009 11:16	11.30	44.87	28.93	8.98	7.97	2.3	2.93	98.5
382	12/21/2009 11:31	11.31	44.92	28.97	9.06	7.99	2.1	2.99	99.4
383	12/21/2009 11:46	11.33	44.95	28.99	9.12	7.99	2.1	3.06	100.1
384	12/21/2009 12:01	11.34	45.16	29.14	9.14	8.00	2.1	3.11	100.5
385	12/21/2009 12:16	11.34	45.17	29.15	9.15	8.00	1.7	3.17	100.5
386	12/21/2009 12:31	11.35	45.19	29.16	9.15	8.00	1.7	3.23	100.6
387	12/21/2009 12:46	11.36	45.14	29.12	9.17	8.01	1.7	3.26	100.8
388	12/21/2009 13:01	11.36	45.29	29.23	9.15	8.00	1.5	3.34	100.7
389	12/21/2009 13:16	11.36	45.24	29.19	9.16	8.01	1.6	3.36	100.7
390	12/21/2009 13:31	11.36	45.26	29.21	9.18	8.02	1.5	3.39	100.9
391	12/21/2009 13:46	11.36	45.23	29.19	9.09	8.01	1.0	3.41	100.0
392	12/21/2009 14:01	11.36	45.33	29.26	8.98	8.01	0.9	3.41	98.8
393	12/21/2009 14:16	11.36	45.39	29.30	9.04	8.00	1.4	3.42	99.5
394	12/21/2009 14:31	11.36	45.36	29.28	9.07	8.00	1.6	3.40	99.8
395	12/21/2009 14:46	11.33	45.28	29.22	9.12	8.00	3.4	3.37	100.2
396	12/21/2009 15:01	11.21	45.17	29.14	9.18	8.00	5.8	3.34	100.6
397	12/21/2009 15:16	11.18	45.10	29.08	9.18	8.01	8.5	3.27	100.5
398	12/21/2009 15:31	11.17	45.07	29.06	9.19	8.01	8.4	3.22	100.6
399	12/21/2009 15:46	11.16	45.11	29.09	9.19	8.01	7.1	3.14	100.6
400	12/21/2009 16:01	11.15	45.02	29.03	9.15	8.01	7.0	3.07	100.1
401	12/21/2009 16:16	11.15	44.97	28.99	9.13	8.00	9.3	2.99	99.8
402	12/21/2009 16:31	11.12	44.93	28.96	9.12	7.99	13.3	2.90	99.6
403	12/21/2009 16:46	11.11	44.84	28.90	9.10	7.98	15.6	2.84	99.3
404	12/21/2009 17:01	11.13	44.65	28.76	9.10	7.97	16.8	2.74	99.3
405	12/21/2009 17:16	11.12	44.64	28.76	9.08	7.97	16.2	2.66	99.0
406	12/21/2009 17:31	11.10	44.53	28.67	9.05	7.96	14.3	2.58	98.6
407	12/21/2009 17:46	11.07	44.58	28.71	9.01	7.96	13.2	2.48	98.1
408	12/21/2009 18:01	11.06	44.61	28.73	8.97	7.95	13.0	2.40	97.7
409	12/21/2009 18:16	11.03	44.45	28.62	8.94	7.94	13.8	2.30	97.3
410	12/21/2009 18:31	11.00	44.45	28.62	8.90	7.94	10.7	2.21	96.7
411	12/21/2009 18:46	10.93	44.51	28.65	8.86	7.92	10.7	2.09	96.2
412	12/21/2009 19:01	10.93	44.29	28.49	8.83	7.92	9.9	2.03	95.7
413	12/21/2009 19:16	10.88	44.33	28.53	8.78	7.91	9.5	1.94	95.2
414	12/21/2009 19:31	10.89	44.12	28.37	8.75	7.90	9.5	1.85	94.8
415	12/21/2009 19:46	10.86	43.96	28.26	8.72	7.89	9.4	1.76	94.3

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
416	12/21/2009 20:01	10.77	44.07	28.33	8.66	7.88	8.4	1.74	93.5
417	12/21/2009 20:16	10.77	44.13	28.37	8.65	7.88	7.3	1.67	93.5
418	12/21/2009 20:31	10.80	44.09	28.35	8.61	7.88	6.7	1.65	93.0
419	12/21/2009 20:46	10.86	44.05	28.32	8.63	7.87	7.1	1.65	93.4
420	12/21/2009 21:01	10.75	44.06	28.33	8.61	7.87	6.4	1.61	92.9
421	12/21/2009 21:16	10.90	44.12	28.37	8.68	7.89	6.8	1.65	94.0
422	12/21/2009 21:31	10.87	44.12	28.37	8.71	7.89	7.1	1.71	94.3
423	12/21/2009 21:46	10.92	44.20	28.44	8.73	7.89	6.8	1.72	94.7
424	12/21/2009 22:01	10.89	44.14	28.39	8.74	7.89	6.9	1.77	94.6
425	12/21/2009 22:16	10.90	43.75	28.11	8.77	7.89	7.6	1.86	94.8
426	12/21/2009 22:31	10.84	43.24	27.75	8.79	7.88	8.5	1.95	94.7
427	12/21/2009 22:46	10.93	43.30	27.79	8.80	7.88	7.9	1.99	95.1
428	12/21/2009 23:01	10.94	43.66	28.05	8.77	7.89	7.6	2.08	94.8
429	12/21/2009 23:16	11.00	43.80	28.15	8.80	7.89	7.8	2.18	95.4
430	12/21/2009 23:31	11.03	43.93	28.25	8.83	7.90	8.1	2.23	95.9
431	12/21/2009 23:46	11.05	44.04	28.33	8.86	7.92	6.7	2.32	96.3
432	12/22/2009 0:01	11.10	44.24	28.47	8.91	7.93	6.2	2.41	96.9
433	12/22/2009 0:16	11.13	44.32	28.53	8.96	7.93	5.6	2.47	97.6
434	12/22/2009 0:31	11.08	44.19	28.43	8.97	7.93	5.5	2.55	97.6
435	12/22/2009 0:46	11.07	44.30	28.51	9.00	7.94	5.7	2.63	97.9
436	12/22/2009 1:01	11.07	44.51	28.66	9.01	7.95	7.1	2.69	98.1
437	12/22/2009 1:16	11.06	44.55	28.69	9.02	7.95	6.8	2.77	98.3
438	12/22/2009 1:31	11.07	44.61	28.73	9.05	7.96	8.5	2.85	98.6
439	12/22/2009 1:46	11.06	44.60	28.72	9.07	7.96	8.1	2.93	98.8
440	12/22/2009 2:01	11.06	44.52	28.67	9.08	7.97	10.1	2.99	98.8
441	12/22/2009 2:16	11.04	44.59	28.71	9.10	7.98	9.0	3.06	99.1
442	12/22/2009 2:31	11.02	44.55	28.69	9.13	7.98	8.9	3.15	99.4
443	12/22/2009 2:46	11.02	44.67	28.77	9.16	7.99	7.6	3.21	99.7
444	12/22/2009 3:01	11.03	44.75	28.83	9.16	8.00	6.3	3.27	99.8
445	12/22/2009 3:16	11.03	44.85	28.90	9.17	8.00	4.6	3.31	100.0
446	12/22/2009 3:31	11.02	44.84	28.89	9.17	8.01	3.9	3.35	100.0
447	12/22/2009 3:46	11.02	44.95	28.97	9.10	8.01	2.9	3.35	99.2
448	12/22/2009 4:01	11.01	44.77	28.85	9.05	7.99	3.4	3.39	98.6
449	12/22/2009 4:16	11.02	44.89	28.93	9.08	8.00	4.1	3.37	98.9
450	12/22/2009 4:31	11.02	44.79	28.86	9.14	8.00	4.1	3.34	99.6
451	12/22/2009 4:46	10.85	44.71	28.79	8.99	7.97	4.3	3.30	97.6
452	12/22/2009 5:01	10.70	44.55	28.67	8.85	7.95	3.5	3.30	95.6
453	12/22/2009 5:16	10.57	44.38	28.54	8.83	7.93	3.5	3.22	95.0
454	12/22/2009 5:31	10.56	44.41	28.56	8.77	7.92	3.9	3.17	94.4
455	12/22/2009 5:46	10.70	44.43	28.59	8.80	7.94	3.7	3.11	95.0
456	12/22/2009 6:01	10.71	44.50	28.63	8.79	7.93	3.1	3.06	95.0
457	12/22/2009 6:16	10.70	44.35	28.53	8.80	7.94	3.2	2.97	95.0
458	12/22/2009 6:31	10.71	44.48	28.62	8.81	7.94	3.2	2.94	95.2
459	12/22/2009 6:46	10.73	44.44	28.59	8.82	7.94	3.2	2.87	95.3
460	12/22/2009 7:01	10.62	44.04	28.30	8.79	7.93	3.0	2.83	94.5
461	12/22/2009 7:16	10.57	44.14	28.37	8.67	7.91	3.0	2.78	93.2
462	12/22/2009 7:31	10.52	44.05	28.31	8.65	7.90	3.1	2.72	92.9
463	12/22/2009 7:46	10.52	44.06	28.31	8.60	7.90	3.1	2.68	92.3
464	12/22/2009 8:01	10.60	43.96	28.25	8.66	7.91	3.0	2.65	93.1
465	12/22/2009 8:16	10.52	44.01	28.28	8.58	7.90	3.5	2.60	92.1
466	12/22/2009 8:31	10.57	43.88	28.18	8.60	7.90	3.2	2.56	92.4
467	12/22/2009 8:46	10.54	43.79	28.12	8.58	7.90	3.1	2.52	92.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
468	12/22/2009 9:01	10.52	43.87	28.18	8.58	7.89	3.1	2.50	92.0
469	12/22/2009 9:16	10.56	43.64	28.01	8.56	7.89	2.5	2.48	91.8
470	12/22/2009 9:31	10.51	43.64	28.01	8.52	7.95	2.5	2.45	91.3
471	12/22/2009 9:46	10.68	44.05	28.32	8.66	7.91	3.1	2.49	93.3
472	12/22/2009 10:01	10.74	44.03	28.31	8.72	7.91	3.2	2.50	94.1
473	12/22/2009 10:16	10.66	44.07	28.32	8.68	7.91	3.3	2.48	93.5
474	12/22/2009 10:31	10.64	44.01	28.28	8.69	7.91	3.4	2.52	93.6
475	12/22/2009 10:46	10.65	43.92	28.22	8.72	7.90	3.7	2.58	93.8
476	12/22/2009 11:01	10.60	43.87	28.18	8.74	7.90	3.8	2.62	93.9
477	12/22/2009 11:16	10.62	43.67	28.04	8.76	7.90	3.7	2.65	94.1
478	12/22/2009 11:31	10.63	43.75	28.10	8.79	7.91	3.8	2.72	94.5
479	12/22/2009 11:46	10.65	43.88	28.19	8.79	7.92	3.4	2.76	94.6
480	12/22/2009 12:01	10.72	44.09	28.35	8.80	7.93	3.5	2.81	95.0
481	12/22/2009 12:16	10.78	44.18	28.41	8.86	7.93	3.4	2.85	95.7
482	12/22/2009 12:31	10.82	44.48	28.63	8.92	7.95	3.4	2.91	96.6
483	12/22/2009 12:46	10.82	44.20	28.43	8.96	7.95	3.1	2.94	97.0
484	12/22/2009 13:01	10.87	44.30	28.50	9.02	7.96	2.7	3.00	97.7
485	12/22/2009 13:16	10.91	44.44	28.60	9.08	7.96	2.7	3.05	98.5
486	12/22/2009 13:31	10.94	44.58	28.70	9.10	7.97	2.4	3.09	98.8
487	12/22/2009 13:46	10.94	44.58	28.71	9.08	7.97	2.4	3.13	98.7
488	12/22/2009 14:01	10.94	44.63	28.74	9.08	7.97	2.3	3.16	98.7
489	12/22/2009 14:16	10.94	44.52	28.66	9.07	7.97	2.2	3.19	98.5
490	12/22/2009 14:31	10.94	44.77	28.84	9.00	7.97	1.9	3.21	97.8
491	12/22/2009 14:46	10.94	44.80	28.86	8.93	7.98	1.5	3.21	97.1
492	12/22/2009 15:01	10.94	44.93	28.95	8.94	7.98	1.6	3.22	97.3
493	12/22/2009 15:16	10.94	44.81	28.87	9.00	7.98	2.1	3.20	97.9
494	12/22/2009 15:31	10.94	44.64	28.74	9.10	7.98	2.9	3.17	98.9
495	12/22/2009 15:46	10.93	44.59	28.71	9.20	7.98	4.6	3.14	99.9
496	12/22/2009 16:01	10.91	44.37	28.55	9.35	7.99	6.5	3.09	101.4
497	12/22/2009 16:16	10.85	44.30	28.50	9.40	7.99	7.6	3.04	101.8
498	12/22/2009 16:31	10.80	44.37	28.55	9.35	7.99	7.7	2.97	101.1
499	12/22/2009 16:46	10.75	44.37	28.55	9.31	7.99	7.9	2.91	100.7
500	12/22/2009 17:01	10.70	44.41	28.57	9.30	7.98	8.3	2.85	100.4
501	12/22/2009 17:16	10.65	44.36	28.54	9.26	7.98	7.4	2.79	99.9
502	12/22/2009 17:31	10.63	44.07	28.32	9.21	7.96	14.3	2.72	99.2
503	12/22/2009 17:46	10.59	44.08	28.33	9.21	7.96	10.9	2.63	99.1
504	12/22/2009 18:01	10.53	44.10	28.34	9.20	7.95	10.6	2.56	98.8
505	12/22/2009 18:16	10.54	43.88	28.19	9.20	7.95	13.9	2.48	98.7
506	12/22/2009 18:31	10.46	43.86	28.17	9.16	8.01	12.4	2.40	98.1
507	12/22/2009 18:46	10.44	44.06	28.31	9.11	7.93	12.4	2.31	97.6
508	12/22/2009 19:01	10.38	43.94	28.22	9.11	7.92	12.8	2.22	97.4
509	12/22/2009 19:16	10.28	43.82	28.13	9.11	7.92	11.7	2.14	97.2
510	12/22/2009 19:31	10.12	43.67	28.02	9.13	7.91	11.5	2.06	97.0
511	12/22/2009 19:46	10.03	43.54	27.92	9.14	7.91	11.1	1.98	96.9
512	12/22/2009 20:01	10.03	43.41	27.83	9.14	7.90	11.2	1.91	96.8
513	12/22/2009 20:16	9.97	43.40	27.82	9.12	7.89	9.7	1.83	96.4
514	12/22/2009 20:31	9.97	43.35	27.78	9.08	7.89	9.2	1.79	96.1
515	12/22/2009 20:46	10.01	43.30	27.75	9.07	7.89	8.6	1.74	96.0
516	12/22/2009 21:01	9.99	43.25	27.71	9.02	7.89	7.3	1.72	95.4
517	12/22/2009 21:16	9.88	43.36	27.78	9.09	7.90	8.1	1.70	95.9
518	12/22/2009 21:31	10.02	43.23	27.70	9.11	7.89	8.2	1.71	96.3
519	12/22/2009 21:46	9.99	43.34	27.78	9.12	7.89	8.4	1.73	96.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
520	12/22/2009 22:01	10.03	43.36	27.79	9.13	7.89	7.9	1.74	96.6
521	12/22/2009 22:16	10.00	43.37	27.79	9.14	7.89	7.9	1.80	96.7
522	12/22/2009 22:31	10.02	43.44	27.84	9.14	7.91	7.9	1.85	96.7
523	12/22/2009 22:46	10.08	43.32	27.77	9.12	7.89	7.6	1.90	96.6
524	12/22/2009 23:01	10.15	43.13	27.63	9.11	7.89	8.2	1.97	96.7
525	12/22/2009 23:16	10.23	43.14	27.65	9.12	7.89	8.7	2.03	96.9
526	12/22/2009 23:31	10.24	43.20	27.69	9.10	7.90	8.2	2.09	96.7
527	12/22/2009 23:46	10.25	42.98	27.53	9.11	7.89	8.2	2.17	96.7
528	12/23/2009 0:01	10.31	43.25	27.73	9.10	7.89	7.9	2.25	96.9
529	12/23/2009 0:16	10.43	43.12	27.64	9.12	7.90	8.2	2.33	97.3
530	12/23/2009 0:31	10.52	43.61	28.00	9.08	7.91	6.3	2.39	97.3
531	12/23/2009 0:46	10.57	43.63	28.01	9.09	7.92	5.7	2.47	97.5
532	12/23/2009 1:01	10.58	43.63	28.01	9.10	7.92	5.9	2.55	97.7
533	12/23/2009 1:16	10.61	43.83	28.15	9.15	7.93	5.7	2.62	98.4
534	12/23/2009 1:31	10.62	43.87	28.18	9.18	7.93	5.7	2.69	98.7
535	12/23/2009 1:46	10.63	44.01	28.28	9.19	7.95	6.7	2.76	98.9
536	12/23/2009 2:01	10.62	43.95	28.24	9.21	7.96	6.7	2.85	99.0
537	12/23/2009 2:16	10.62	43.92	28.22	9.21	7.94	7.3	2.91	99.1
538	12/23/2009 2:31	10.59	43.93	28.22	9.25	7.95	8.9	2.98	99.4
539	12/23/2009 2:46	10.62	44.15	28.38	9.28	7.96	8.1	3.05	99.9
540	12/23/2009 3:01	10.60	44.17	28.39	9.31	7.97	7.2	3.12	100.2
541	12/23/2009 3:16	10.58	44.20	28.42	9.33	7.98	6.2	3.19	100.4
542	12/23/2009 3:31	10.59	44.47	28.61	9.34	7.98	5.5	3.24	100.7
543	12/23/2009 3:46	10.61	44.60	28.70	9.37	8.01	5.1	3.30	101.1
544	12/23/2009 4:01	10.63	44.78	28.83	9.39	8.00	4.4	3.35	101.4
545	12/23/2009 4:16	10.63	44.75	28.81	9.40	8.01	3.5	3.37	101.5
546	12/23/2009 4:31	10.63	44.84	28.88	9.36	8.01	3.0	3.40	101.1
547	12/23/2009 4:46	10.61	44.71	28.78	9.26	8.00	2.6	3.40	99.9
548	12/23/2009 5:01	10.62	44.75	28.81	9.34	8.01	3.7	3.39	100.8
549	12/23/2009 5:16	10.60	44.73	28.80	9.37	8.01	3.7	3.36	101.1
550	12/23/2009 5:31	10.38	44.49	28.61	9.25	7.98	4.2	3.31	99.2
551	12/23/2009 5:46	10.06	43.98	28.23	9.04	7.95	3.7	3.27	96.1
552	12/23/2009 6:01	10.11	43.82	28.12	9.06	7.95	3.7	3.21	96.3
553	12/23/2009 6:16	10.08	43.50	27.90	8.91	7.94	4.7	3.14	94.5
554	12/23/2009 6:31	10.20	43.67	28.02	9.01	7.95	5.7	3.08	95.9
555	12/23/2009 6:46	10.12	43.61	27.97	8.94	7.93	3.8	3.01	94.9
556	12/23/2009 7:01	10.03	43.60	27.96	8.91	7.92	4.0	2.95	94.5
557	12/23/2009 7:16	10.02	43.77	28.08	8.92	7.93	3.0	2.87	94.6
558	12/23/2009 7:31	9.96	43.54	27.92	8.93	7.93	2.9	2.82	94.4
559	12/23/2009 7:46	9.92	43.33	27.76	8.92	7.91	3.6	2.75	94.2
560	12/23/2009 8:01	9.88	43.53	27.90	8.90	7.92	3.2	2.70	94.0
561	12/23/2009 8:16	9.83	43.38	27.79	8.94	7.92	3.2	2.64	94.2
562	12/23/2009 8:31	9.82	43.33	27.76	8.95	7.91	3.3	2.58	94.3
563	12/23/2009 8:46	9.73	43.36	27.77	8.94	7.91	3.3	2.54	94.1
564	12/23/2009 9:01	9.72	43.25	27.69	8.96	7.91	3.4	2.50	94.2
565	12/23/2009 9:16	9.64	43.02	27.53	8.99	7.90	3.4	2.44	94.2
566	12/23/2009 9:31	9.53	43.02	27.52	8.99	7.90	3.4	2.41	94.0
567	12/23/2009 9:46	9.46	42.94	27.46	9.02	7.90	3.2	2.38	94.1
568	12/23/2009 10:01	9.44	42.90	27.43	9.03	7.89	3.3	2.35	94.2
569	12/23/2009 10:16	9.53	42.60	27.22	8.98	7.89	3.2	2.34	93.7
570	12/23/2009 10:31	9.69	42.91	27.45	8.97	7.89	3.3	2.33	94.0
571	12/23/2009 10:46	9.76	43.11	27.60	8.95	7.90	3.5	2.33	94.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
572	12/23/2009 11:01	9.73	43.12	27.60	8.95	7.91	3.4	2.35	94.0
573	12/23/2009 11:16	9.78	43.05	27.56	8.97	7.90	3.4	2.36	94.3
574	12/23/2009 11:31	9.78	43.16	27.64	8.95	7.89	3.5	2.40	94.1
575	12/23/2009 11:46	9.84	43.18	27.65	8.99	7.89	3.6	2.44	94.7
576	12/23/2009 12:01	9.80	42.96	27.49	9.03	7.88	3.6	2.49	94.9
577	12/23/2009 12:16	9.84	43.12	27.61	8.99	7.89	3.7	2.52	94.7
578	12/23/2009 12:31	9.83	42.86	27.42	8.98	7.90	3.2	2.57	94.4
579	12/23/2009 12:46	9.85	43.18	27.66	9.01	7.89	3.4	2.62	95.0
580	12/23/2009 13:01	9.89	43.28	27.72	9.01	7.93	3.4	2.66	95.1
581	12/23/2009 13:16	9.99	43.60	27.96	9.01	7.94	3.4	2.69	95.4
582	12/23/2009 13:31	10.02	43.43	27.84	9.06	7.91	3.1	2.74	95.9
583	12/23/2009 13:46	10.10	43.76	28.07	9.07	7.95	2.9	2.77	96.4
584	12/23/2009 14:01	10.19	43.99	28.25	9.11	7.96	2.9	2.82	97.1
585	12/23/2009 14:16	10.24	43.73	28.06	9.18	7.93	2.6	2.84	97.8
586	12/23/2009 14:31	10.29	43.99	28.25	9.17	7.94	2.5	2.87	97.9
587	12/23/2009 14:46	10.33	44.05	28.29	9.18	7.94	2.4	2.92	98.1
588	12/23/2009 15:01	10.35	44.15	28.37	9.18	7.94	2.1	2.94	98.2
589	12/23/2009 15:16	10.36	43.87	28.17	9.15	7.95	2.4	2.96	97.9
590	12/23/2009 15:31	10.37	44.12	28.35	9.14	7.95	2.0	2.97	97.8
591	12/23/2009 15:46	10.36	44.20	28.40	9.10	7.94	1.9	2.99	97.4
592	12/23/2009 16:01	10.35	43.96	28.24	9.03	7.94	1.8	2.99	96.6
593	12/23/2009 16:16	10.36	44.19	28.40	9.03	7.94	2.1	2.98	96.6
594	12/23/2009 16:31	10.35	43.99	28.25	9.02	7.95	2.3	2.97	96.5
595	12/23/2009 16:46	10.36	43.96	28.23	9.10	7.94	2.3	2.95	97.3
596	12/23/2009 17:01	10.34	44.13	28.36	9.10	7.94	2.7	2.92	97.4
597	12/23/2009 17:16	10.31	44.02	28.27	9.08	7.94	2.9	2.86	97.0
598	12/23/2009 17:31	10.39	43.68	28.03	9.67	7.99	2.6	2.81	103.4
599	12/23/2009 17:46	10.32	43.55	27.94	10.16	8.00	2.7	2.76	108.4
600	12/23/2009 18:01	10.25	43.45	27.87	9.82	8.02	3.5	2.69	104.6
601	12/23/2009 18:16	10.06	43.29	27.74	9.68	7.95	3.9	2.63	102.5
602	12/23/2009 18:31	10.06	43.29	27.74	9.75	7.96	3.2	2.56	103.2
603	12/23/2009 18:46	10.01	43.50	27.89	9.65	7.99	3.1	2.50	102.1
604	12/23/2009 19:01	9.97	43.29	27.74	9.50	7.98	2.8	2.42	100.5
605	12/23/2009 19:16	9.89	43.45	27.85	9.35	7.94	2.9	2.35	98.8
606	12/23/2009 19:31	9.83	43.48	27.86	9.27	7.93	3.0	2.28	97.8
607	12/23/2009 19:46	9.79	43.45	27.84	9.29	7.96	3.2	2.21	97.9
608	12/23/2009 20:01	9.69	42.99	27.51	9.44	7.95	3.2	2.13	99.0
609	12/23/2009 20:16	9.59	42.97	27.49	9.51	7.96	3.1	2.07	99.5
610	12/23/2009 20:31	9.52	43.06	27.55	9.59	7.93	3.0	2.02	100.3
611	12/23/2009 20:46	9.44	43.06	27.55	9.59	7.97	2.9	1.97	100.0
612	12/23/2009 21:01	9.39	43.02	27.51	9.59	7.97	2.9	1.92	99.9
613	12/23/2009 21:16	9.38	42.82	27.37	9.55	7.96	2.9	1.88	99.4
614	12/23/2009 21:31	9.42	43.04	27.53	9.51	7.96	2.5	1.87	99.2
615	12/23/2009 21:46	9.40	42.89	27.42	9.59	7.93	3.1	1.85	99.9
616	12/23/2009 22:01	9.48	43.06	27.55	9.51	7.92	2.6	1.85	99.3
617	12/23/2009 22:16	9.52	43.12	27.59	9.50	7.96	2.9	1.89	99.3
618	12/23/2009 22:31	9.54	43.08	27.57	9.50	7.91	2.9	1.88	99.3
619	12/23/2009 22:46	9.57	43.09	27.57	9.45	7.95	3.1	1.93	98.9
620	12/23/2009 23:01	9.62	43.12	27.60	9.43	7.95	2.9	1.98	98.8
621	12/23/2009 23:16	9.65	43.07	27.56	9.41	7.91	3.0	2.01	98.6
622	12/23/2009 23:31	9.66	43.04	27.54	9.42	7.95	2.7	2.07	98.7
623	12/23/2009 23:46	9.69	42.89	27.44	9.41	7.95	3.0	2.12	98.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
624	12/24/2009 0:01	9.73	42.98	27.50	9.37	7.95	2.9	2.19	98.4
625	12/24/2009 0:16	9.77	42.94	27.48	9.35	7.95	2.9	2.25	98.2
626	12/24/2009 0:31	9.82	42.99	27.52	9.32	7.90	2.8	2.31	98.1
627	12/24/2009 0:46	9.88	42.77	27.37	9.36	7.95	3.1	2.38	98.5
628	12/24/2009 1:01	10.01	43.13	27.62	9.30	7.92	2.9	2.46	98.4
629	12/24/2009 1:16	10.09	43.54	27.92	9.24	7.96	2.9	2.51	98.1
630	12/24/2009 1:31	10.12	43.56	27.94	9.25	7.96	2.9	2.58	98.2
631	12/24/2009 1:46	10.10	43.44	27.85	9.29	7.92	3.0	2.65	98.5
632	12/24/2009 2:01	10.09	43.55	27.93	9.34	7.93	3.2	2.72	99.1
633	12/24/2009 2:16	10.08	43.61	27.97	9.36	7.97	3.3	2.79	99.3
634	12/24/2009 2:31	10.11	43.77	28.09	9.34	7.98	3.7	2.87	99.3
635	12/24/2009 2:46	10.16	43.86	28.15	9.34	7.98	4.3	2.93	99.4
636	12/24/2009 3:01	10.19	43.93	28.20	9.36	7.95	5.7	3.01	99.7
637	12/24/2009 3:16	10.23	44.15	28.36	9.37	7.95	4.8	3.08	100.0
638	12/24/2009 3:31	10.23	44.28	28.46	9.38	8.00	4.4	3.15	100.2
639	12/24/2009 3:46	10.21	44.28	28.45	9.42	7.96	4.2	3.21	100.5
640	12/24/2009 4:01	10.22	44.36	28.51	9.43	7.96	4.2	3.28	100.7
641	12/24/2009 4:16	10.23	44.65	28.72	9.45	8.01	3.7	3.32	101.1
642	12/24/2009 4:31	10.30	44.53	28.63	9.48	8.00	3.9	3.39	101.5
643	12/24/2009 4:46	10.33	44.97	28.95	9.49	8.00	3.4	3.40	101.9
644	12/24/2009 5:01	10.34	44.84	28.86	9.44	8.03	3.0	3.45	101.3
645	12/24/2009 5:16	10.35	44.99	28.97	9.42	8.00	2.1	3.45	101.2
646	12/24/2009 5:31	10.33	45.00	28.97	9.35	8.00	2.4	3.46	100.5
647	12/24/2009 5:46	10.34	45.03	29.00	9.39	8.00	2.8	3.46	100.9
648	12/24/2009 6:01	10.33	45.07	29.02	9.41	8.00	2.9	3.40	101.1
649	12/24/2009 6:16	9.99	44.52	28.61	9.32	7.96	3.2	3.37	99.1
650	12/24/2009 6:31	10.06	44.36	28.50	9.25	7.97	2.6	3.33	98.5
651	12/24/2009 6:46	10.08	44.35	28.49	9.24	7.99	3.5	3.26	98.4
652	12/24/2009 7:01	9.65	43.73	28.03	9.03	7.92	2.8	3.18	95.0
653	12/24/2009 7:16	9.82	43.85	28.12	9.12	7.96	3.3	3.12	96.3
654	12/24/2009 7:31	9.84	43.89	28.16	9.13	7.96	2.9	3.05	96.5
655	12/24/2009 7:46	9.81	43.82	28.11	9.10	7.95	2.7	2.98	96.1
656	12/24/2009 8:01	9.79	43.66	27.99	9.09	7.93	2.6	2.90	95.9
657	12/24/2009 8:16	9.58	43.54	27.89	8.99	7.90	1.9	2.84	94.3
658	12/24/2009 8:31	9.54	43.44	27.82	9.04	7.90	2.3	2.77	94.7
659	12/24/2009 8:46	9.55	43.42	27.80	9.04	7.93	2.0	2.70	94.7
660	12/24/2009 9:01	9.59	43.32	27.74	9.11	7.94	2.2	2.64	95.5
661	12/24/2009 9:16	9.55	43.25	27.69	9.19	7.94	2.3	2.57	96.2
662	12/24/2009 9:31	9.47	43.20	27.65	9.24	7.94	2.1	2.52	96.5
663	12/24/2009 9:46	9.34	43.05	27.53	9.33	7.94	2.0	2.46	97.2
664	12/24/2009 10:01	9.20	42.77	27.32	9.42	7.94	1.8	2.40	97.6
665	12/24/2009 10:16	9.21	42.74	27.31	9.43	7.94	1.8	2.36	97.7
666	12/24/2009 10:31	9.23	42.82	27.36	9.58	7.95	1.8	2.31	99.3
667	12/24/2009 10:46	9.23	42.81	27.35	9.63	7.96	1.6	2.27	99.9
668	12/24/2009 11:01	9.27	42.78	27.34	9.68	7.93	1.6	2.23	100.5
669	12/24/2009 11:16	9.25	42.80	27.35	9.66	7.96	1.6	2.20	100.2
670	12/24/2009 11:31	9.25	42.77	27.33	9.62	7.96	1.6	2.19	99.9
671	12/24/2009 11:46	9.31	42.78	27.34	9.62	7.93	1.6	2.19	99.9
672	12/24/2009 12:01	9.35	43.00	27.50	9.34	7.94	1.8	2.20	97.2
673	12/24/2009 12:16	9.40	42.96	27.47	9.35	7.94	1.8	2.21	97.4
674	12/24/2009 12:31	9.44	42.87	27.41	9.30	7.94	2.2	2.25	97.0
675	12/24/2009 12:46	9.46	42.84	27.39	9.32	7.94	2.1	2.27	97.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
676	12/24/2009 13:01	9.47	42.77	27.34	9.38	7.94	2.2	2.33	97.8
677	12/24/2009 13:16	9.48	42.72	27.31	9.35	7.94	2.1	2.38	97.5
678	12/24/2009 13:31	9.45	42.47	27.13	9.36	7.90	2.1	2.41	97.5
679	12/24/2009 13:46	9.49	42.97	27.48	9.27	7.94	1.9	2.45	96.8
680	12/24/2009 14:01	9.52	42.99	27.50	9.25	7.94	2.0	2.50	96.6
681	12/24/2009 14:16	9.56	43.08	27.57	9.22	7.91	2.0	2.54	96.5
682	12/24/2009 14:31	9.62	43.26	27.69	9.20	7.95	2.2	2.57	96.5
683	12/24/2009 14:46	9.66	43.23	27.68	9.19	7.92	2.2	2.62	96.5
684	12/24/2009 15:01	9.70	43.30	27.73	9.22	7.95	1.9	2.66	96.9
685	12/24/2009 15:16	9.78	43.42	27.82	9.20	7.93	1.9	2.69	96.9
686	12/24/2009 15:31	9.82	43.60	27.95	9.20	7.93	1.9	2.73	97.1
687	12/24/2009 15:46	9.90	43.67	28.00	9.26	7.93	2.0	2.75	97.9
688	12/24/2009 16:01	9.94	43.56	27.92	9.27	7.93	1.6	2.77	98.0
689	12/24/2009 16:16	9.95	43.74	28.06	9.26	7.94	1.7	2.80	98.0
690	12/24/2009 16:31	9.97	43.72	28.04	9.28	7.94	1.7	2.83	98.3
691	12/24/2009 16:46	9.97	43.88	28.15	9.26	7.97	1.6	2.84	98.2
692	12/24/2009 17:01	9.97	43.85	28.13	9.18	7.97	1.2	2.84	97.3
693	12/24/2009 17:16	9.96	43.70	28.02	9.16	7.94	1.4	2.86	97.0
694	12/24/2009 17:31	9.96	43.85	28.14	9.11	7.93	1.3	2.86	96.5
695	12/24/2009 17:46	9.96	43.77	28.08	9.14	7.93	1.5	2.85	96.8
696	12/24/2009 18:01	9.96	43.95	28.20	9.17	7.97	1.7	2.83	97.2
697	12/24/2009 18:16	9.95	43.65	27.99	9.16	7.93	1.8	2.80	96.9
698	12/24/2009 18:31	9.94	43.88	28.16	9.16	7.92	2.0	2.75	97.0
699	12/24/2009 18:46	9.89	43.73	28.04	9.20	7.97	2.0	2.72	97.3
700	12/24/2009 19:01	9.91	43.61	27.96	9.39	7.98	2.0	2.66	99.3
701	12/24/2009 19:16	9.94	43.06	27.57	10.04	7.98	1.7	2.61	106.0
702	12/24/2009 19:31	9.86	42.91	27.46	9.99	8.01	2.1	2.55	105.2
703	12/24/2009 19:46	9.93	42.98	27.52	9.85	8.03	1.9	2.49	103.9
704	12/24/2009 20:01	9.77	43.04	27.55	9.81	8.00	1.6	2.44	103.2
705	12/24/2009 20:16	9.71	43.05	27.55	9.80	7.99	1.6	2.39	102.8
706	12/24/2009 20:31	9.58	43.03	27.53	9.58	7.97	1.8	2.33	100.3
707	12/24/2009 20:46	9.54	43.18	27.64	9.54	7.97	1.8	2.28	99.8
708	12/24/2009 21:01	9.49	42.97	27.48	9.58	7.98	1.6	2.24	100.0
709	12/24/2009 21:16	9.39	42.83	27.38	9.57	7.97	1.6	2.18	99.6
710	12/24/2009 21:31	9.41	42.86	27.40	9.73	7.99	1.3	2.15	101.4
711	12/24/2009 21:46	9.32	42.77	27.33	9.63	7.98	1.5	2.12	100.1
712	12/24/2009 22:01	9.30	42.76	27.32	9.55	7.93	1.4	2.08	99.2
713	12/24/2009 22:16	9.30	42.81	27.36	9.54	7.93	1.0	2.09	99.1
714	12/24/2009 22:31	9.35	42.87	27.41	9.72	7.94	1.5	2.07	101.1
715	12/24/2009 22:46	9.35	42.82	27.37	9.61	7.98	1.5	2.06	99.9
716	12/24/2009 23:01	9.38	42.94	27.46	9.45	7.91	1.3	2.07	98.5
717	12/24/2009 23:16	9.40	42.99	27.49	9.55	7.97	1.6	2.07	99.5
718	12/24/2009 23:31	9.35	42.95	27.46	9.55	7.97	1.9	2.12	99.4
719	12/24/2009 23:46	9.33	42.88	27.41	9.68	7.93	1.7	2.14	100.6
720	12/25/2009 0:01	9.35	42.95	27.46	9.67	7.98	1.8	2.17	100.7
721	12/25/2009 0:16	9.38	42.88	27.42	9.60	7.97	1.8	2.24	99.9
722	12/25/2009 0:31	9.42	42.86	27.40	9.61	7.92	1.9	2.29	100.1
723	12/25/2009 0:46	9.44	42.71	27.29	9.60	7.92	1.9	2.34	100.0
724	12/25/2009 1:01	9.58	42.98	27.50	9.52	7.92	1.9	2.40	99.6
725	12/25/2009 1:16	9.64	42.97	27.50	9.44	7.92	2.0	2.47	98.9
726	12/25/2009 1:31	9.73	43.32	27.75	9.39	7.97	1.9	2.54	98.7
727	12/25/2009 1:46	9.75	43.30	27.73	9.38	7.97	2.0	2.60	98.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
728	12/25/2009 2:01	9.82	43.54	27.91	9.35	7.93	2.0	2.67	98.6
729	12/25/2009 2:16	9.83	43.70	28.02	9.34	7.98	2.3	2.73	98.6
730	12/25/2009 2:31	9.77	43.60	27.94	9.38	7.93	2.4	2.80	98.8
731	12/25/2009 2:46	9.86	43.94	28.19	9.35	7.98	2.5	2.86	98.9
732	12/25/2009 3:01	9.86	44.01	28.24	9.37	7.99	2.2	2.94	99.2
733	12/25/2009 3:16	9.91	44.01	28.24	9.37	7.94	2.4	3.01	99.2
734	12/25/2009 3:31	9.97	44.25	28.42	9.37	8.00	3.2	3.07	99.5
735	12/25/2009 3:46	10.03	44.44	28.55	9.37	8.00	3.1	3.15	99.7
736	12/25/2009 4:01	10.08	44.49	28.60	9.38	8.01	2.9	3.22	99.9
737	12/25/2009 4:16	10.14	44.64	28.70	9.42	8.01	3.3	3.28	100.5
738	12/25/2009 4:31	10.15	44.75	28.79	9.43	7.97	3.8	3.33	100.8
739	12/25/2009 4:46	10.15	44.81	28.83	9.42	8.02	3.1	3.41	100.7
740	12/25/2009 5:01	10.18	45.00	28.96	9.44	8.02	3.4	3.46	101.0
741	12/25/2009 5:16	10.18	44.98	28.95	9.45	7.98	3.4	3.49	101.2
742	12/25/2009 5:31	10.17	45.04	28.99	9.47	7.98	2.4	3.53	101.4
743	12/25/2009 5:46	10.16	45.20	29.10	9.48	8.03	2.4	3.54	101.5
744	12/25/2009 6:01	10.14	45.11	29.04	9.37	8.02	2.0	3.54	100.2
745	12/25/2009 6:16	10.16	45.24	29.14	9.38	8.03	2.1	3.54	100.5
746	12/25/2009 6:31	10.14	45.31	29.18	9.37	8.02	2.6	3.52	100.4
747	12/25/2009 6:46	10.12	45.19	29.09	9.37	8.02	2.4	3.47	100.2
748	12/25/2009 7:01	10.04	45.09	29.02	9.35	8.01	2.4	3.43	99.8
749	12/25/2009 7:16	9.89	44.77	28.78	9.30	8.00	2.4	3.37	98.8
750	12/25/2009 7:31	9.91	44.62	28.68	9.25	8.00	2.9	3.30	98.3
751	12/25/2009 7:46	9.62	44.19	28.36	9.25	7.98	3.8	3.22	97.4
752	12/25/2009 8:01	9.74	44.23	28.39	9.27	7.99	2.7	3.15	97.9
753	12/25/2009 8:16	9.49	44.04	28.24	9.23	7.97	2.3	3.08	96.8
754	12/25/2009 8:31	9.50	43.82	28.08	9.21	7.97	1.8	3.01	96.5
755	12/25/2009 8:46	9.42	43.83	28.09	9.11	7.91	1.2	2.92	95.4
756	12/25/2009 9:01	9.38	43.72	28.01	9.18	7.91	1.4	2.85	96.0
757	12/25/2009 9:16	9.38	43.54	27.88	9.27	7.96	1.6	2.78	96.8
758	12/25/2009 9:31	9.31	43.48	27.84	9.33	7.96	1.4	2.71	97.2
759	12/25/2009 9:46	9.26	43.31	27.71	9.39	7.91	1.8	2.63	97.7
760	12/25/2009 10:01	9.19	43.24	27.66	9.52	7.97	1.3	2.57	98.8
761	12/25/2009 10:16	9.09	43.17	27.60	9.67	7.97	1.3	2.49	100.2
762	12/25/2009 10:31	9.04	43.04	27.51	9.76	7.98	1.3	2.41	100.9
763	12/25/2009 10:46	9.12	43.11	27.56	9.86	7.99	1.3	2.35	102.2
764	12/25/2009 11:01	9.07	42.99	27.48	9.87	7.98	1.4	2.27	102.1
765	12/25/2009 11:16	9.11	43.07	27.53	10.01	7.99	1.3	2.20	103.7
766	12/25/2009 11:31	9.17	43.05	27.52	10.12	8.00	1.3	2.16	104.9
767	12/25/2009 11:46	9.17	43.02	27.50	10.15	8.01	1.2	2.10	105.2
768	12/25/2009 12:01	9.21	43.03	27.51	10.23	8.02	1.0	2.04	106.2
769	12/25/2009 12:16	9.20	42.99	27.48	10.24	8.02	1.0	2.03	106.2
770	12/25/2009 12:31	9.22	42.89	27.41	10.21	8.00	1.1	2.01	105.9
771	12/25/2009 12:46	9.21	42.88	27.40	10.13	8.01	1.2	2.00	105.0
772	12/25/2009 13:01	9.17	42.91	27.42	10.04	7.95	1.0	2.02	104.0
773	12/25/2009 13:16	9.15	42.97	27.46	9.94	7.99	1.3	2.04	103.0
774	12/25/2009 13:31	9.11	42.89	27.41	9.73	7.97	1.2	2.06	100.7
775	12/25/2009 13:46	9.19	42.81	27.35	9.73	7.96	1.3	2.10	100.8
776	12/25/2009 14:01	9.21	42.80	27.35	9.74	7.97	1.9	2.15	101.0
777	12/25/2009 14:16	9.19	42.72	27.29	9.72	7.96	1.6	2.20	100.7
778	12/25/2009 14:31	9.12	42.36	27.03	9.76	7.96	1.6	2.24	100.8
779	12/25/2009 14:46	9.14	42.60	27.21	9.67	7.96	1.5	2.28	100.0

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
780	12/25/2009 15:01	9.16	42.54	27.16	9.67	7.96	1.5	2.33	100.1
781	12/25/2009 15:16	9.16	42.72	27.29	9.61	7.96	1.4	2.37	99.5
782	12/25/2009 15:31	9.20	42.93	27.44	9.49	7.96	1.3	2.41	98.4
783	12/25/2009 15:46	9.25	42.96	27.47	9.46	7.96	1.4	2.46	98.2
784	12/25/2009 16:01	9.31	43.10	27.56	9.47	7.96	1.4	2.50	98.6
785	12/25/2009 16:16	9.38	43.25	27.68	9.47	7.96	1.5	2.54	98.7
786	12/25/2009 16:31	9.49	43.41	27.79	9.44	7.97	1.5	2.58	98.7
787	12/25/2009 16:46	9.58	43.59	27.92	9.42	7.97	1.3	2.62	98.8
788	12/25/2009 17:01	9.62	43.73	28.03	9.39	7.98	1.3	2.66	98.6
789	12/25/2009 17:16	9.64	43.69	28.00	9.39	7.98	1.3	2.69	98.7
790	12/25/2009 17:31	9.65	43.57	27.92	9.41	7.93	1.4	2.73	98.9
791	12/25/2009 17:46	9.65	43.86	28.12	9.39	7.98	1.3	2.75	98.9
792	12/25/2009 18:01	9.65	43.87	28.13	9.39	7.98	1.2	2.78	98.8
793	12/25/2009 18:16	9.65	43.90	28.15	9.34	7.98	1.3	2.79	98.3
794	12/25/2009 18:31	9.64	43.81	28.09	9.29	7.98	1.3	2.80	97.7
795	12/25/2009 18:46	9.64	43.82	28.09	9.21	7.97	0.9	2.80	96.9
796	12/25/2009 19:01	9.64	43.86	28.12	9.17	7.93	0.9	2.80	96.5
797	12/25/2009 19:16	9.64	43.86	28.12	9.27	7.98	1.3	2.77	97.5
798	12/25/2009 19:31	9.63	43.84	28.11	9.26	7.97	1.5	2.75	97.4
799	12/25/2009 19:46	9.59	43.78	28.07	9.25	7.97	1.5	2.73	97.2
800	12/25/2009 20:01	9.60	43.82	28.09	9.25	7.97	1.3	2.70	97.2
801	12/25/2009 20:16	9.54	43.59	27.93	9.29	7.96	1.5	2.66	97.3
802	12/25/2009 20:31	9.59	43.51	27.88	9.56	7.99	1.3	2.60	100.3
803	12/25/2009 20:46	9.37	43.12	27.59	9.83	8.01	1.2	2.55	102.5
804	12/25/2009 21:01	9.38	43.12	27.58	9.85	8.01	1.3	2.51	102.7
805	12/25/2009 21:16	9.36	43.01	27.51	9.90	8.01	1.3	2.48	103.1
806	12/25/2009 21:31	9.31	43.01	27.51	9.78	7.99	1.1	2.44	101.7
807	12/25/2009 21:46	9.25	42.92	27.44	9.72	7.99	1.2	2.38	100.9
808	12/25/2009 22:01	9.19	42.91	27.42	9.71	7.98	1.2	2.34	100.7
809	12/25/2009 22:16	9.12	42.82	27.36	9.59	7.93	1.0	2.31	99.3
810	12/25/2009 22:31	9.10	42.80	27.34	9.60	7.97	1.0	2.29	99.2
811	12/25/2009 22:46	9.08	42.83	27.36	9.58	7.97	1.0	2.25	99.1
812	12/25/2009 23:01	9.07	42.80	27.34	9.55	7.97	1.0	2.26	98.7
813	12/25/2009 23:16	9.05	42.76	27.31	9.61	7.97	0.9	2.22	99.3
814	12/25/2009 23:31	9.05	42.82	27.35	9.57	7.97	1.0	2.23	98.9
815	12/25/2009 23:46	9.15	42.86	27.39	9.50	7.96	1.0	2.24	98.4
816	12/26/2009 0:01	9.18	42.81	27.35	9.58	7.97	1.1	2.25	99.2
817	12/26/2009 0:16	9.10	42.91	27.42	9.60	7.97	1.2	2.26	99.3
818	12/26/2009 0:31	9.14	42.84	27.37	9.66	7.97	1.2	2.27	100.0
819	12/26/2009 0:46	9.19	43.00	27.49	9.66	7.97	1.3	2.33	100.2
820	12/26/2009 1:01	9.28	42.95	27.46	9.67	7.98	1.5	2.35	100.4
821	12/26/2009 1:16	9.18	42.99	27.48	9.69	7.98	1.2	2.40	100.4
822	12/26/2009 1:31	9.37	43.18	27.63	9.55	7.97	1.2	2.45	99.5
823	12/26/2009 1:46	9.44	43.15	27.61	9.45	7.97	1.6	2.50	98.6
824	12/26/2009 2:01	9.46	43.48	27.84	9.41	7.97	1.6	2.56	98.5
825	12/26/2009 2:16	9.49	43.45	27.82	9.43	7.97	1.5	2.62	98.7
826	12/26/2009 2:31	9.49	43.44	27.81	9.43	7.97	1.7	2.67	98.7
827	12/26/2009 2:46	9.59	43.74	28.04	9.36	7.97	1.9	2.74	98.3
828	12/26/2009 3:01	9.64	43.98	28.21	9.37	7.98	2.3	2.81	98.6
829	12/26/2009 3:16	9.64	43.95	28.19	9.38	7.98	2.0	2.88	98.7
830	12/26/2009 3:31	9.73	44.13	28.32	9.39	7.98	2.5	2.95	99.1
831	12/26/2009 3:46	9.77	44.32	28.45	9.40	7.99	2.3	3.02	99.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
832	12/26/2009 4:01	9.85	44.42	28.54	9.42	7.99	2.4	3.11	99.8
833	12/26/2009 4:16	9.94	44.61	28.67	9.46	8.00	2.9	3.18	100.5
834	12/26/2009 4:31	9.98	44.78	28.80	9.46	8.01	3.1	3.25	100.7
835	12/26/2009 4:46	9.98	44.74	28.76	9.48	8.00	2.8	3.33	100.9
836	12/26/2009 5:01	9.97	44.92	28.89	9.51	8.02	3.4	3.38	101.3
837	12/26/2009 5:16	9.97	44.95	28.92	9.52	8.02	3.5	3.43	101.4
838	12/26/2009 5:31	9.96	45.03	28.97	9.53	8.02	2.8	3.51	101.5
839	12/26/2009 5:46	9.95	45.12	29.04	9.53	8.02	2.9	3.54	101.5
840	12/26/2009 6:01	9.96	45.22	29.11	9.47	8.02	2.4	3.58	101.0
841	12/26/2009 6:16	9.99	45.22	29.11	9.55	7.98	2.5	3.62	101.9
842	12/26/2009 6:31	10.00	45.26	29.14	9.48	8.03	1.6	3.61	101.2
843	12/26/2009 6:46	9.96	45.16	29.07	9.44	8.02	2.0	3.62	100.6
844	12/26/2009 7:01	9.97	45.21	29.10	9.41	7.97	2.3	3.63	100.4
845	12/26/2009 7:16	9.98	45.33	29.18	9.48	8.02	2.5	3.59	101.2
846	12/26/2009 7:31	9.58	44.46	28.54	9.31	7.99	1.3	3.55	98.1
847	12/26/2009 7:46	9.83	44.95	28.91	9.36	8.01	2.0	3.51	99.3
848	12/26/2009 8:01	9.82	44.91	28.88	9.37	8.01	2.6	3.44	99.4
849	12/26/2009 8:16	9.74	44.63	28.68	9.31	8.00	1.8	3.39	98.5
850	12/26/2009 8:31	9.70	44.43	28.53	9.32	7.95	1.8	3.33	98.5
851	12/26/2009 8:46	9.42	44.13	28.30	9.31	7.98	1.8	3.23	97.6
852	12/26/2009 9:01	9.43	44.18	28.34	9.29	7.96	1.5	3.15	97.4
853	12/26/2009 9:16	9.48	44.23	28.37	9.32	7.97	1.7	3.08	97.8
854	12/26/2009 9:31	9.47	44.15	28.32	9.23	7.97	1.4	2.99	96.9
855	12/26/2009 9:46	9.50	44.08	28.27	9.18	7.96	1.0	2.92	96.3
856	12/26/2009 10:01	9.50	44.01	28.22	9.30	7.96	2.3	2.81	97.5
857	12/26/2009 10:16	9.44	43.90	28.14	9.33	7.96	1.7	2.74	97.7
858	12/26/2009 10:31	9.48	43.77	28.05	9.35	7.97	1.1	2.67	97.9
859	12/26/2009 10:46	9.42	43.76	28.04	9.39	7.97	1.6	2.58	98.3
860	12/26/2009 11:01	9.39	43.79	28.06	9.44	7.97	2.0	2.48	98.7
861	12/26/2009 11:16	9.39	43.75	28.03	9.49	7.98	1.7	2.38	99.2
862	12/26/2009 11:31	9.34	43.51	27.86	9.66	7.98	1.4	2.32	100.7
863	12/26/2009 11:46	9.28	43.55	27.88	9.75	7.98	1.3	2.23	101.6
864	12/26/2009 12:01	9.16	43.27	27.68	9.79	7.99	2.0	2.16	101.6
865	12/26/2009 12:16	9.11	43.25	27.66	9.93	7.99	1.3	2.04	103.0
866	12/26/2009 12:31	9.04	43.07	27.53	9.92	7.99	2.0	2.01	102.6
867	12/26/2009 12:46	9.02	43.09	27.54	10.02	8.00	1.2	1.94	103.5
868	12/26/2009 13:01	8.99	43.03	27.50	10.02	8.00	1.0	1.89	103.5
869	12/26/2009 13:16	8.95	43.00	27.48	10.05	8.00	0.9	1.86	103.7
870	12/26/2009 13:31	8.91	42.93	27.42	10.01	7.99	0.9	1.82	103.1
871	12/26/2009 13:46	8.91	42.97	27.45	9.93	7.99	0.5	1.81	102.4
872	12/26/2009 14:01	8.94	42.86	27.37	10.06	7.99	0.9	1.83	103.6
873	12/26/2009 14:16	8.99	42.97	27.45	10.00	7.99	1.0	1.85	103.2
874	12/26/2009 14:31	8.99	42.96	27.45	9.99	7.99	1.0	1.87	103.1
875	12/26/2009 14:46	9.00	43.03	27.50	9.95	7.99	1.1	1.91	102.8
876	12/26/2009 15:01	8.94	42.70	27.26	9.95	7.98	1.7	1.96	102.5
877	12/26/2009 15:16	9.00	42.89	27.40	9.85	7.97	1.1	2.02	101.7
878	12/26/2009 15:31	8.99	42.91	27.41	9.81	7.97	1.5	2.06	101.2
879	12/26/2009 15:46	8.98	42.77	27.31	9.78	7.97	1.7	2.11	100.8
880	12/26/2009 16:01	9.04	42.91	27.41	9.70	7.97	1.3	2.17	100.2
881	12/26/2009 16:16	9.05	42.90	27.41	9.68	7.96	1.3	2.23	100.0
882	12/26/2009 16:31	9.04	42.66	27.24	9.69	7.96	1.6	2.28	100.0
883	12/26/2009 16:46	9.15	43.13	27.58	9.55	7.95	1.5	2.33	99.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
884	12/26/2009 17:01	9.24	43.37	27.75	9.49	7.96	1.6	2.39	98.7
885	12/26/2009 17:16	9.27	43.41	27.78	9.48	7.96	1.5	2.43	98.7
886	12/26/2009 17:31	9.35	43.61	27.93	9.48	7.96	1.5	2.50	98.9
887	12/26/2009 17:46	9.35	43.68	27.97	9.48	7.97	1.5	2.54	99.0
888	12/26/2009 18:01	9.36	43.75	28.03	9.48	7.97	1.6	2.59	99.0
889	12/26/2009 18:16	9.42	43.94	28.17	9.45	7.97	1.5	2.64	98.9
890	12/26/2009 18:31	9.39	43.81	28.07	9.47	7.97	1.4	2.68	99.0
891	12/26/2009 18:46	9.40	43.77	28.05	9.45	7.97	1.5	2.74	98.8
892	12/26/2009 19:01	9.41	43.77	28.05	9.44	7.97	1.5	2.77	98.7
893	12/26/2009 19:16	9.45	44.07	28.26	9.45	7.97	1.3	2.78	99.1
894	12/26/2009 19:31	9.46	44.03	28.23	9.44	7.97	1.2	2.81	98.9
895	12/26/2009 19:46	9.46	44.01	28.22	9.42	7.97	1.3	2.86	98.7
896	12/26/2009 20:01	9.48	43.98	28.20	9.41	7.97	1.3	2.88	98.7
897	12/26/2009 20:16	9.49	44.05	28.25	9.29	7.97	0.9	2.89	97.5
898	12/26/2009 20:31	9.49	44.00	28.21	9.24	7.97	0.8	2.90	97.0
899	12/26/2009 20:46	9.42	43.91	28.15	9.35	7.97	1.7	2.90	97.9
900	12/26/2009 21:01	9.22	43.28	27.69	9.34	7.96	2.2	2.89	97.0
901	12/26/2009 21:16	9.31	43.64	27.95	9.40	7.98	1.6	2.83	98.1
902	12/26/2009 21:31	9.46	43.92	28.16	9.32	7.97	1.2	2.80	97.7
903	12/26/2009 21:46	9.36	43.70	27.99	9.35	7.96	1.4	2.77	97.7
904	12/26/2009 22:01	9.22	43.54	27.87	9.41	7.96	1.6	2.72	97.9
905	12/26/2009 22:16	9.22	43.46	27.82	9.44	7.96	2.0	2.70	98.2
906	12/26/2009 22:31	9.21	43.43	27.79	9.45	7.96	1.5	2.63	98.3
907	12/26/2009 22:46	9.18	43.38	27.76	9.43	7.95	1.6	2.59	97.9
908	12/26/2009 23:01	9.17	43.46	27.81	9.41	7.95	1.6	2.56	97.8
909	12/26/2009 23:16	9.14	43.38	27.76	9.45	7.95	1.5	2.51	98.1
910	12/26/2009 23:31	9.10	43.33	27.71	9.46	7.95	1.4	2.49	98.0
911	12/26/2009 23:46	9.05	43.21	27.63	9.47	7.95	1.3	2.46	98.0
912	12/27/2009 0:01	9.04	43.12	27.57	9.47	7.95	1.4	2.46	98.0
913	12/27/2009 0:16	9.04	43.13	27.57	9.44	7.95	1.1	2.46	97.6
914	12/27/2009 0:31	9.22	43.50	27.84	9.41	7.96	1.0	2.47	97.9
915	12/27/2009 0:46	9.02	43.14	27.58	9.55	7.95	1.2	2.44	98.7
916	12/27/2009 1:01	9.03	43.16	27.59	9.55	7.95	1.3	2.45	98.7
917	12/27/2009 1:16	9.06	43.19	27.61	9.53	7.95	1.3	2.48	98.7
918	12/27/2009 1:31	9.10	43.28	27.68	9.50	7.95	1.3	2.50	98.5
919	12/27/2009 1:46	9.12	43.37	27.74	9.49	7.95	1.3	2.51	98.5
920	12/27/2009 2:01	9.16	43.44	27.80	9.49	7.95	1.4	2.56	98.6
921	12/27/2009 2:16	9.20	43.45	27.80	9.50	7.95	1.7	2.64	98.7
922	12/27/2009 2:31	9.20	43.44	27.80	9.50	7.95	2.2	2.68	98.8
923	12/27/2009 2:46	9.28	43.59	27.91	9.44	7.95	1.6	2.72	98.4
924	12/27/2009 3:01	9.35	43.85	28.10	9.41	7.96	1.9	2.78	98.3
925	12/27/2009 3:16	9.42	43.93	28.16	9.39	7.97	1.5	2.82	98.3
926	12/27/2009 3:31	9.46	44.05	28.25	9.41	7.97	1.7	2.86	98.6
927	12/27/2009 3:46	9.47	44.17	28.33	9.44	7.97	1.6	2.92	99.1
928	12/27/2009 4:01	9.50	44.23	28.38	9.47	7.98	1.8	2.98	99.4
929	12/27/2009 4:16	9.52	44.35	28.47	9.48	7.98	1.8	3.05	99.6
930	12/27/2009 4:31	9.57	44.36	28.47	9.49	7.98	2.3	3.12	99.9
931	12/27/2009 4:46	9.61	44.55	28.61	9.52	7.99	2.4	3.21	100.4
932	12/27/2009 5:01	9.66	44.57	28.63	9.57	7.99	2.9	3.30	101.1
933	12/27/2009 5:16	9.69	44.83	28.82	9.59	8.00	3.1	3.34	101.4
934	12/27/2009 5:31	9.75	44.77	28.78	9.66	8.00	3.5	3.43	102.3
935	12/27/2009 5:46	9.78	44.97	28.92	9.70	8.00	3.9	3.52	102.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
936	12/27/2009 6:01	9.82	45.19	29.08	9.74	8.01	4.2	3.58	103.5
937	12/27/2009 6:16	9.87	45.33	29.18	9.79	8.02	4.0	3.64	104.2
938	12/27/2009 6:31	9.89	45.23	29.11	9.79	8.02	3.4	3.69	104.2
939	12/27/2009 6:46	9.95	45.38	29.22	9.87	8.02	3.6	3.74	105.2
940	12/27/2009 7:01	9.98	45.30	29.17	9.91	8.02	3.5	3.74	105.7
941	12/27/2009 7:16	9.93	45.37	29.21	9.77	8.01	2.6	3.78	104.1
942	12/27/2009 7:31	9.91	45.15	29.05	9.73	8.01	2.4	3.78	103.6
943	12/27/2009 7:46	9.96	45.43	29.25	9.79	8.02	3.1	3.78	104.4
944	12/27/2009 8:01	10.00	45.49	29.30	9.84	8.03	3.1	3.72	105.1
945	12/27/2009 8:16	9.80	45.15	29.05	9.77	8.01	3.1	3.70	103.8
946	12/27/2009 8:31	9.51	44.58	28.63	9.52	7.98	2.1	3.63	100.1
947	12/27/2009 8:46	9.49	44.41	28.51	9.50	7.98	1.5	3.61	99.9
948	12/27/2009 9:01	9.53	44.65	28.67	9.58	7.99	1.7	3.54	100.9
949	12/27/2009 9:16	9.52	44.54	28.60	9.63	7.99	1.8	3.45	101.3
950	12/27/2009 9:31	9.38	44.21	28.35	9.65	7.98	2.1	3.35	101.0
951	12/27/2009 9:46	9.40	44.10	28.28	9.66	7.98	1.8	3.28	101.1
952	12/27/2009 10:01	9.41	44.05	28.24	9.71	7.98	1.6	3.18	101.7
953	12/27/2009 10:16	9.42	43.97	28.19	9.80	7.99	1.5	3.09	102.6
954	12/27/2009 10:31	9.36	43.92	28.15	9.81	7.98	2.2	2.99	102.6
955	12/27/2009 10:46	9.45	43.97	28.19	9.91	7.99	2.0	2.88	103.9
956	12/27/2009 11:01	9.46	43.81	28.08	10.02	8.00	1.5	2.80	105.0
957	12/27/2009 11:16	9.44	43.76	28.04	10.11	7.99	1.7	2.68	105.8
958	12/27/2009 11:31	9.35	43.58	27.91	9.98	7.99	3.4	2.58	104.2
959	12/27/2009 11:46	9.47	43.62	27.95	10.16	8.00	2.8	2.48	106.3
960	12/27/2009 12:01	9.42	43.56	27.90	10.07	7.99	2.9	2.37	105.2
961	12/27/2009 12:16	9.53	43.51	27.87	10.21	8.01	2.9	2.28	106.9
962	12/27/2009 12:31	9.63	43.55	27.90	10.39	8.03	2.4	2.17	109.1
963	12/27/2009 12:46	9.59	43.47	27.84	10.36	8.02	2.6	2.07	108.7
964	12/27/2009 13:01	9.66	43.35	27.76	10.50	8.04	2.3	1.98	110.3
965	12/27/2009 13:16	9.62	43.20	27.66	10.54	8.04	2.3	1.89	110.5
966	12/27/2009 13:31	9.63	43.21	27.66	10.60	8.03	2.4	1.78	111.2
967	12/27/2009 13:46	9.63	43.29	27.72	10.55	8.04	2.3	1.73	110.7
968	12/27/2009 14:01	9.63	43.24	27.68	10.56	8.04	2.4	1.69	110.7
969	12/27/2009 14:16	9.58	43.21	27.66	10.49	8.03	2.4	1.65	109.9
970	12/27/2009 14:31	9.54	43.18	27.63	10.40	8.02	1.9	1.62	108.9
971	12/27/2009 14:46	9.56	43.14	27.61	10.37	8.02	2.0	1.59	108.6
972	12/27/2009 15:01	9.55	43.12	27.59	10.45	8.02	2.0	1.59	109.3
973	12/27/2009 15:16	9.57	43.13	27.60	10.45	8.02	1.8	1.64	109.4
974	12/27/2009 15:31	9.53	43.19	27.64	10.37	8.01	1.7	1.67	108.5
975	12/27/2009 15:46	9.55	43.06	27.55	10.37	8.00	1.9	1.76	108.5
976	12/27/2009 16:01	9.50	42.85	27.40	10.30	8.00	2.0	1.82	107.5
977	12/27/2009 16:16	9.42	42.25	26.97	10.33	8.00	2.4	1.89	107.3
978	12/27/2009 16:31	9.43	42.38	27.07	10.27	8.00	2.3	1.97	106.8
979	12/27/2009 16:46	9.43	42.55	27.18	10.17	7.99	2.0	2.05	105.8
980	12/27/2009 17:01	9.45	42.87	27.41	10.10	7.99	2.1	2.11	105.3
981	12/27/2009 17:16	9.44	42.90	27.43	10.11	7.99	2.2	2.18	105.4
982	12/27/2009 17:31	9.43	43.03	27.53	10.07	7.99	2.2	2.23	105.0
983	12/27/2009 17:46	9.43	43.08	27.56	10.00	7.99	2.2	2.30	104.3
984	12/27/2009 18:01	9.44	43.10	27.57	9.90	7.98	2.2	2.36	103.3
985	12/27/2009 18:16	9.41	43.26	27.69	9.86	7.98	2.4	2.42	102.9
986	12/27/2009 18:31	9.38	43.33	27.74	9.82	7.97	2.7	2.48	102.4
987	12/27/2009 18:46	9.37	43.49	27.84	9.80	7.97	2.5	2.58	102.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
988	12/27/2009 19:01	9.34	43.46	27.82	9.78	7.97	2.4	2.62	102.0
989	12/27/2009 19:16	9.34	43.46	27.82	9.76	7.97	2.4	2.66	101.7
990	12/27/2009 19:31	9.38	43.45	27.82	9.75	7.97	2.6	2.72	101.8
991	12/27/2009 19:46	9.39	43.49	27.85	9.74	7.97	2.6	2.79	101.7
992	12/27/2009 20:01	9.43	43.64	27.96	9.74	7.97	2.6	2.85	101.9
993	12/27/2009 20:16	9.44	43.73	28.02	9.71	7.97	2.4	2.89	101.6
994	12/27/2009 20:31	9.46	43.70	28.00	9.71	7.98	2.4	2.92	101.6
995	12/27/2009 20:46	9.49	43.77	28.05	9.71	7.98	2.2	2.96	101.8
996	12/27/2009 21:01	9.51	43.80	28.07	9.68	7.98	2.3	2.99	101.5
997	12/27/2009 21:16	9.53	43.82	28.09	9.68	7.98	1.7	3.01	101.5
998	12/27/2009 21:31	9.47	43.81	28.08	9.61	7.97	2.0	3.00	100.6
999	12/27/2009 21:46	9.53	43.90	28.15	9.58	7.97	1.6	3.00	100.5
1000	12/27/2009 22:01	9.52	43.97	28.19	9.55	7.97	1.8	3.00	100.2
1001	12/27/2009 22:16	9.16	43.31	27.70	9.59	7.96	2.3	2.97	99.6
1002	12/27/2009 22:31	9.18	43.43	27.79	9.55	7.96	1.8	2.94	99.2
1003	12/27/2009 22:46	9.16	43.35	27.73	9.56	7.95	1.8	2.89	99.2
1004	12/27/2009 23:01	9.19	43.50	27.84	9.56	7.96	1.6	2.87	99.4
1005	12/27/2009 23:16	9.15	43.30	27.70	9.49	7.96	1.5	2.83	98.5
1006	12/27/2009 23:31	9.17	43.33	27.72	9.60	7.96	1.7	2.75	99.6
1007	12/27/2009 23:46	9.34	43.38	27.77	9.67	7.97	1.9	2.74	100.8
1008	12/28/2009 0:01	9.24	43.44	27.80	9.63	7.96	1.6	2.69	100.2
1009	12/28/2009 0:16	9.15	43.39	27.76	9.59	7.97	1.5	2.65	99.5
1010	12/28/2009 0:31	9.15	43.33	27.72	9.64	7.97	1.6	2.62	100.1
1011	12/28/2009 0:46	9.13	43.32	27.71	9.65	7.97	1.5	2.60	100.1
1012	12/28/2009 1:01	9.16	43.13	27.58	9.68	7.97	1.4	2.58	100.4
1013	12/28/2009 1:16	9.17	43.26	27.67	9.69	7.97	1.2	2.56	100.6
1014	12/28/2009 1:31	9.15	43.23	27.65	9.67	7.97	1.2	2.56	100.3
1015	12/28/2009 1:46	9.16	43.19	27.62	9.58	7.97	1.4	2.57	99.3
1016	12/28/2009 2:01	9.21	43.40	27.77	9.60	7.96	1.7	2.57	99.8
1017	12/28/2009 2:16	9.08	43.31	27.70	9.64	7.96	1.5	2.62	99.9
1018	12/28/2009 2:31	9.12	43.31	27.70	9.69	7.96	1.6	2.64	100.5
1019	12/28/2009 2:46	9.21	43.35	27.74	9.72	7.96	1.5	2.67	101.0
1020	12/28/2009 3:01	9.19	43.29	27.69	9.70	7.96	1.8	2.70	100.8
1021	12/28/2009 3:16	9.19	43.27	27.68	9.70	7.96	1.8	2.75	100.7
1022	12/28/2009 3:31	9.19	43.29	27.69	9.68	7.96	1.8	2.81	100.6
1023	12/28/2009 3:46	9.29	43.47	27.83	9.65	7.96	2.0	2.86	100.5
1024	12/28/2009 4:01	9.43	43.78	28.05	9.64	7.97	2.1	2.92	100.9
1025	12/28/2009 4:16	9.39	43.94	28.16	9.65	7.97	2.0	2.96	101.0
1026	12/28/2009 4:31	9.60	44.25	28.40	9.72	7.98	2.3	3.03	102.3
1027	12/28/2009 4:46	9.68	44.41	28.51	9.76	7.98	2.7	3.09	103.0
1028	12/28/2009 5:01	9.68	44.39	28.50	9.79	7.98	2.7	3.18	103.4
1029	12/28/2009 5:16	9.73	44.61	28.66	9.83	7.99	3.0	3.26	104.0
1030	12/28/2009 5:31	9.79	44.54	28.62	9.87	7.99	3.2	3.34	104.4
1031	12/28/2009 5:46	9.83	44.77	28.78	9.91	8.00	4.0	3.42	105.1
1032	12/28/2009 6:01	9.90	44.96	28.92	9.99	8.00	4.7	3.50	106.2
1033	12/28/2009 6:16	9.96	45.10	29.02	10.05	8.01	5.6	3.58	107.0
1034	12/28/2009 6:31	10.00	45.22	29.11	10.10	8.01	4.8	3.64	107.7
1035	12/28/2009 6:46	10.12	45.40	29.24	10.17	8.02	5.2	3.70	108.9
1036	12/28/2009 7:01	10.16	45.47	29.30	10.20	8.03	5.1	3.78	109.3
1037	12/28/2009 7:16	10.17	45.54	29.35	10.21	8.03	4.6	3.82	109.5
1038	12/28/2009 7:31	10.16	45.50	29.32	10.21	8.03	4.3	3.86	109.5
1039	12/28/2009 7:46	10.15	45.57	29.37	10.19	8.03	3.6	3.90	109.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1040	12/28/2009 8:01	10.14	45.52	29.33	10.14	8.03	2.9	3.92	108.7
1041	12/28/2009 8:16	10.09	45.30	29.17	10.06	8.02	2.8	3.93	107.5
1042	12/28/2009 8:31	10.12	45.50	29.31	10.06	8.02	3.2	3.91	107.7
1043	12/28/2009 8:46	10.10	45.50	29.31	10.12	8.03	3.8	3.90	108.4
1044	12/28/2009 9:01	10.11	45.42	29.26	10.11	8.02	4.2	3.85	108.3
1045	12/28/2009 9:16	9.89	45.19	29.08	10.04	8.01	2.6	3.79	106.8
1046	12/28/2009 9:31	9.74	45.07	28.99	10.01	8.01	2.7	3.72	106.1
1047	12/28/2009 9:46	9.69	44.69	28.72	9.96	8.00	2.5	3.65	105.3
1048	12/28/2009 10:01	9.56	44.58	28.63	9.87	7.99	2.0	3.55	104.0
1049	12/28/2009 10:16	9.51	44.45	28.53	9.86	7.99	3.3	3.45	103.7
1050	12/28/2009 10:31	9.53	44.48	28.56	9.91	7.99	2.8	3.34	104.2
1051	12/28/2009 10:46	9.56	44.42	28.52	10.01	8.00	2.0	3.24	105.4
1052	12/28/2009 11:01	9.61	44.43	28.52	10.01	8.00	2.0	3.13	105.5
1053	12/28/2009 11:16	9.70	44.30	28.44	10.10	8.00	2.1	3.01	106.7
1054	12/28/2009 11:31	9.69	44.28	28.43	10.16	8.00	2.0	2.90	107.2
1055	12/28/2009 11:46	9.60	44.10	28.29	10.07	8.00	3.2	2.78	106.0
1056	12/28/2009 12:01	9.79	44.00	28.23	10.32	8.01	2.4	2.66	109.0
1057	12/28/2009 12:16	9.55	43.73	28.02	10.17	8.00	3.2	2.54	106.7
1058	12/28/2009 12:31	9.75	44.05	28.26	10.47	8.03	2.4	2.40	110.5
1059	12/28/2009 12:46	9.61	43.66	27.98	10.49	8.02	2.9	2.29	110.2
1060	12/28/2009 13:01	9.65	43.55	27.91	10.64	8.03	2.7	2.16	111.8
1061	12/28/2009 13:16	9.70	43.59	27.94	10.82	8.04	3.2	2.03	113.8
1062	12/28/2009 13:31	9.59	43.37	27.78	10.76	8.02	3.4	1.90	112.9
1063	12/28/2009 13:46	9.72	43.33	27.75	10.99	8.05	2.8	1.79	115.6
1064	12/28/2009 14:01	9.71	43.40	27.80	10.93	8.05	2.4	1.68	114.9
1065	12/28/2009 14:16	9.75	43.46	27.85	10.76	8.05	2.7	1.55	113.2
1066	12/28/2009 14:31	9.63	43.14	27.61	10.64	8.02	2.3	1.49	111.6
1067	12/28/2009 14:46	9.68	43.34	27.76	10.66	8.04	2.2	1.43	112.0
1068	12/28/2009 15:01	9.64	43.23	27.68	10.65	8.04	2.1	1.38	111.7
1069	12/28/2009 15:16	9.58	43.13	27.60	10.70	8.05	1.6	1.36	112.1
1070	12/28/2009 15:31	9.64	43.01	27.52	10.76	8.06	2.2	1.35	112.7
1071	12/28/2009 15:46	9.52	42.98	27.49	10.76	8.04	1.8	1.38	112.5
1072	12/28/2009 16:01	9.50	43.05	27.54	10.70	8.04	1.9	1.42	111.8
1073	12/28/2009 16:16	9.44	43.02	27.51	10.62	8.03	2.0	1.47	110.8
1074	12/28/2009 16:31	9.41	43.02	27.51	10.58	8.03	1.9	1.55	110.2
1075	12/28/2009 16:46	9.41	42.92	27.45	10.54	8.02	2.4	1.62	109.8
1076	12/28/2009 17:01	9.40	42.79	27.35	10.51	8.02	2.8	1.70	109.4
1077	12/28/2009 17:16	9.39	42.62	27.23	10.47	8.01	2.7	1.77	108.9
1078	12/28/2009 17:31	9.41	42.75	27.32	10.43	8.01	2.5	1.86	108.6
1079	12/28/2009 17:46	9.41	42.74	27.32	10.40	8.01	2.6	1.93	108.3
1080	12/28/2009 18:01	9.41	42.82	27.37	10.36	8.01	2.4	2.01	107.9
1081	12/28/2009 18:16	9.42	42.90	27.43	10.30	8.00	2.4	2.09	107.4
1082	12/28/2009 18:31	9.45	43.06	27.55	10.24	8.00	2.4	2.17	106.8
1083	12/28/2009 18:46	9.45	43.24	27.67	10.14	7.99	2.6	2.25	105.9
1084	12/28/2009 19:01	9.42	43.32	27.73	10.05	7.98	2.9	2.33	104.9
1085	12/28/2009 19:16	9.43	43.49	27.85	9.99	7.98	3.1	2.40	104.4
1086	12/28/2009 19:31	9.43	43.60	27.93	9.95	7.97	3.2	2.49	104.1
1087	12/28/2009 19:46	9.44	43.59	27.92	9.93	7.98	3.5	2.56	103.8
1088	12/28/2009 20:01	9.47	43.66	27.97	9.93	7.98	3.7	2.63	104.0
1089	12/28/2009 20:16	9.49	43.89	28.13	9.93	7.98	3.1	2.70	104.2
1090	12/28/2009 20:31	9.52	43.84	28.10	9.93	7.98	3.5	2.76	104.2
1091	12/28/2009 20:46	9.56	43.87	28.13	9.94	7.98	3.8	2.83	104.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1092	12/28/2009 21:01	9.59	44.03	28.24	9.94	7.98	4.1	2.88	104.6
1093	12/28/2009 21:16	9.61	44.13	28.31	9.93	7.98	3.8	2.94	104.6
1094	12/28/2009 21:31	9.62	44.22	28.37	9.93	7.99	3.5	3.00	104.6
1095	12/28/2009 21:46	9.72	44.41	28.52	9.97	7.99	3.4	3.04	105.3
1096	12/28/2009 22:01	9.75	44.48	28.57	9.97	7.99	3.0	3.07	105.5
1097	12/28/2009 22:16	9.83	44.61	28.66	10.03	8.00	2.8	3.09	106.3
1098	12/28/2009 22:31	9.84	44.65	28.69	10.00	8.00	2.3	3.12	106.1
1099	12/28/2009 22:46	9.80	44.56	28.63	9.91	8.00	2.5	3.11	105.0
1100	12/28/2009 23:01	9.82	44.60	28.66	9.95	8.00	3.1	3.08	105.4
1101	12/28/2009 23:16	9.79	44.56	28.63	9.93	7.99	2.9	3.06	105.2
1102	12/28/2009 23:31	9.38	43.93	28.16	9.78	7.98	2.5	3.01	102.3
1103	12/28/2009 23:46	9.29	43.75	28.02	9.71	7.97	2.1	2.96	101.3
1104	12/29/2009 0:01	9.43	44.08	28.27	9.78	7.98	2.6	2.90	102.5
1105	12/29/2009 0:16	9.35	43.95	28.17	9.77	7.97	2.7	2.84	102.2
1106	12/29/2009 0:31	9.36	43.87	28.11	9.76	7.97	2.3	2.81	102.1
1107	12/29/2009 0:46	9.33	43.73	28.01	9.78	7.97	2.1	2.74	102.1
1108	12/29/2009 1:01	9.32	43.76	28.03	9.78	7.97	2.3	2.69	102.1
1109	12/29/2009 1:16	9.30	43.58	27.91	9.78	7.97	1.9	2.67	102.0
1110	12/29/2009 1:31	9.28	43.54	27.87	9.74	7.97	1.6	2.63	101.5
1111	12/29/2009 1:46	9.24	43.66	27.96	9.76	7.97	2.0	2.59	101.6
1112	12/29/2009 2:01	9.10	43.54	27.86	9.70	7.97	1.6	2.58	100.7
1113	12/29/2009 2:16	8.96	43.43	27.78	9.68	7.96	1.2	2.57	100.1
1114	12/29/2009 2:31	9.00	43.38	27.74	9.66	7.96	1.6	2.57	100.0
1115	12/29/2009 2:46	9.16	43.50	27.84	9.74	7.96	1.8	2.57	101.2
1116	12/29/2009 3:01	9.08	43.80	28.05	9.68	7.96	2.0	2.58	100.5
1117	12/29/2009 3:16	9.18	43.81	28.06	9.73	7.96	2.2	2.62	101.3
1118	12/29/2009 3:31	9.14	43.70	27.98	9.75	7.97	1.8	2.65	101.3
1119	12/29/2009 3:46	9.17	43.55	27.88	9.81	7.97	2.0	2.68	101.9
1120	12/29/2009 4:01	9.12	43.74	28.01	9.81	7.97	2.4	2.74	102.0
1121	12/29/2009 4:16	9.19	43.64	27.94	9.82	7.97	2.6	2.80	102.1
1122	12/29/2009 4:31	9.36	43.88	28.12	9.80	7.97	2.5	2.85	102.4
1123	12/29/2009 4:46	9.42	44.16	28.32	9.82	7.98	2.4	2.92	102.9
1124	12/29/2009 5:01	9.62	44.45	28.54	9.87	7.99	2.5	2.98	104.0
1125	12/29/2009 5:16	9.69	44.56	28.62	9.93	7.99	3.3	3.07	104.9
1126	12/29/2009 5:31	9.79	44.71	28.73	9.99	8.00	3.4	3.16	105.9
1127	12/29/2009 5:46	9.86	44.79	28.80	10.02	8.01	3.4	3.22	106.3
1128	12/29/2009 6:01	9.93	44.99	28.94	10.03	8.01	3.3	3.32	106.8
1129	12/29/2009 6:16	10.11	45.28	29.16	10.07	8.02	4.1	3.40	107.7
1130	12/29/2009 6:31	10.18	45.35	29.21	10.06	8.03	4.5	3.47	107.9
1131	12/29/2009 6:46	10.35	45.57	29.38	10.09	8.04	5.5	3.56	108.6
1132	12/29/2009 7:01	10.43	45.86	29.59	10.06	8.05	5.4	3.64	108.7
1133	12/29/2009 7:16	10.51	45.89	29.62	10.05	8.06	4.9	3.70	108.8
1134	12/29/2009 7:31	10.54	45.97	29.68	10.03	8.06	4.7	3.78	108.7
1135	12/29/2009 7:46	10.56	46.04	29.73	10.01	8.07	4.4	3.84	108.5
1136	12/29/2009 8:01	10.57	46.06	29.74	9.99	8.07	4.0	3.91	108.3
1137	12/29/2009 8:16	10.59	46.10	29.77	9.96	8.07	2.9	3.96	108.1
1138	12/29/2009 8:31	10.61	46.20	29.85	9.92	8.07	2.6	4.01	107.8
1139	12/29/2009 8:46	10.60	46.11	29.78	9.90	8.08	1.8	4.04	107.5
1140	12/29/2009 9:01	10.61	46.18	29.83	9.83	8.08	1.5	4.05	106.8
1141	12/29/2009 9:16	10.48	45.94	29.65	9.82	8.06	2.3	4.04	106.3
1142	12/29/2009 9:31	10.59	46.08	29.75	9.87	8.07	2.6	4.01	107.1
1143	12/29/2009 9:46	10.56	46.04	29.73	9.85	8.06	2.3	3.98	106.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1144	12/29/2009 10:01	10.43	46.00	29.69	9.88	8.06	2.6	3.89	106.8
1145	12/29/2009 10:16	10.29	45.73	29.49	9.97	8.05	2.4	3.82	107.3
1146	12/29/2009 10:31	10.10	45.40	29.25	9.99	8.04	2.3	3.72	106.9
1147	12/29/2009 10:46	10.07	45.44	29.27	9.97	8.03	2.2	3.62	106.7
1148	12/29/2009 11:01	9.99	45.35	29.20	9.96	8.03	2.3	3.51	106.3
1149	12/29/2009 11:16	9.85	45.14	29.04	9.94	8.02	2.7	3.39	105.6
1150	12/29/2009 11:31	9.77	44.95	28.91	9.97	8.01	2.3	3.27	105.7
1151	12/29/2009 11:46	9.70	44.79	28.79	9.96	8.01	2.9	3.13	105.3
1152	12/29/2009 12:01	9.60	44.65	28.68	9.97	8.00	2.6	3.01	105.2
1153	12/29/2009 12:16	9.65	44.66	28.69	9.95	8.00	2.6	2.89	105.1
1154	12/29/2009 12:31	9.44	44.39	28.49	9.93	7.99	3.3	2.74	104.3
1155	12/29/2009 12:46	9.38	44.27	28.40	10.07	7.99	3.5	2.60	105.5
1156	12/29/2009 13:01	9.49	44.50	28.57	10.05	8.01	4.1	2.47	105.7
1157	12/29/2009 13:16	9.52	44.56	28.61	10.10	8.02	5.2	2.34	106.3
1158	12/29/2009 13:31	9.38	44.25	28.39	10.19	8.01	6.2	2.19	106.8
1159	12/29/2009 13:46	9.24	44.01	28.21	10.14	8.01	8.5	2.05	105.8
1160	12/29/2009 14:01	9.15	43.82	28.07	10.22	8.01	9.9	1.90	106.3
1161	12/29/2009 14:16	9.08	43.55	27.87	10.27	8.02	20.0	1.76	106.6
1162	12/29/2009 14:31	9.04	43.59	27.90	10.29	8.03	24.4	1.60	106.6
1163	12/29/2009 14:46	8.92	43.45	27.79	10.24	8.02	34.3	1.47	105.7
1164	12/29/2009 15:01	8.83	43.12	27.55	10.18	8.01	27.0	1.39	104.8
1165	12/29/2009 15:16	8.80	43.15	27.57	10.19	8.00	27.3	1.27	104.9
1166	12/29/2009 15:31	8.77	43.06	27.50	10.20	8.00	22.0	1.20	104.8
1167	12/29/2009 15:46	8.75	43.02	27.47	10.21	8.00	15.8	1.16	104.8
1168	12/29/2009 16:01	8.74	43.08	27.52	10.16	8.01	12.0	1.13	104.4
1169	12/29/2009 16:16	8.75	43.04	27.49	10.25	8.00	14.5	1.17	105.2
1170	12/29/2009 16:31	8.76	43.12	27.54	10.24	8.00	12.1	1.19	105.2
1171	12/29/2009 16:46	8.75	43.02	27.47	10.23	8.00	9.3	1.22	105.1
1172	12/29/2009 17:01	8.75	42.94	27.42	10.22	8.00	8.1	1.31	104.9
1173	12/29/2009 17:16	8.67	42.48	27.09	10.26	8.00	8.4	1.39	104.9
1174	12/29/2009 17:31	8.69	42.49	27.10	10.23	8.00	7.0	1.46	104.7
1175	12/29/2009 17:46	8.69	42.52	27.11	10.22	8.00	6.0	1.55	104.6
1176	12/29/2009 18:01	8.69	42.45	27.07	10.21	8.00	6.0	1.63	104.4
1177	12/29/2009 18:16	8.67	42.36	27.00	10.22	8.00	6.0	1.72	104.4
1178	12/29/2009 18:31	8.69	42.57	27.15	10.19	7.99	5.9	1.79	104.2
1179	12/29/2009 18:46	8.73	42.56	27.15	10.17	7.99	5.4	1.88	104.2
1180	12/29/2009 19:01	8.76	42.64	27.21	10.13	7.99	5.1	1.98	103.9
1181	12/29/2009 19:16	8.86	42.96	27.44	10.07	7.99	6.4	2.09	103.6
1182	12/29/2009 19:31	8.92	43.14	27.57	10.02	7.98	5.9	2.17	103.4
1183	12/29/2009 19:46	8.98	43.37	27.73	9.97	7.98	6.7	2.26	103.1
1184	12/29/2009 20:01	9.01	43.50	27.83	9.93	7.97	8.5	2.38	102.8
1185	12/29/2009 20:16	9.07	43.58	27.89	9.90	7.97	9.5	2.47	102.6
1186	12/29/2009 20:31	9.14	43.78	28.04	9.91	7.98	8.7	2.56	103.0
1187	12/29/2009 20:46	9.20	43.93	28.15	9.90	7.98	8.8	2.64	103.2
1188	12/29/2009 21:01	9.29	43.86	28.10	9.92	7.98	9.6	2.73	103.5
1189	12/29/2009 21:16	9.37	44.20	28.34	9.93	7.99	10.8	2.82	103.9
1190	12/29/2009 21:31	9.46	44.41	28.50	9.93	7.99	9.5	2.88	104.3
1191	12/29/2009 21:46	9.56	44.57	28.62	9.93	8.00	9.2	2.97	104.6
1192	12/29/2009 22:01	9.71	44.82	28.81	9.93	8.01	6.9	3.04	105.1
1193	12/29/2009 22:16	9.83	45.00	28.95	9.92	8.02	6.0	3.10	105.3
1194	12/29/2009 22:31	9.90	45.07	29.00	9.92	8.03	5.4	3.16	105.5
1195	12/29/2009 22:46	9.92	45.16	29.06	9.91	8.03	4.5	3.22	105.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1196	12/29/2009 23:01	9.92	45.24	29.12	9.87	8.03	3.8	3.26	105.1
1197	12/29/2009 23:16	9.96	45.29	29.16	9.82	8.03	2.8	3.28	104.8
1198	12/29/2009 23:31	9.89	45.10	29.02	9.80	8.03	3.7	3.27	104.3
1199	12/29/2009 23:46	9.95	45.09	29.01	9.80	8.03	3.1	3.27	104.4
1200	12/30/2009 0:01	9.95	45.25	29.13	9.84	8.03	3.5	3.23	104.8
1201	12/30/2009 0:16	9.84	45.04	28.97	9.79	8.03	3.7	3.19	104.0
1202	12/30/2009 0:31	9.44	44.39	28.49	9.74	8.00	3.8	3.13	102.3
1203	12/30/2009 0:46	9.44	44.46	28.54	9.81	7.99	5.7	3.07	103.0
1204	12/30/2009 1:01	9.42	44.47	28.54	9.81	7.99	4.6	3.01	103.0
1205	12/30/2009 1:16	9.28	44.28	28.40	9.72	7.98	3.5	2.93	101.7
1206	12/30/2009 1:31	9.30	44.28	28.40	9.70	7.98	4.6	2.86	101.4
1207	12/30/2009 1:46	9.24	44.02	28.21	9.71	7.98	4.2	2.82	101.3
1208	12/30/2009 2:01	9.18	44.09	28.25	9.68	7.97	3.3	2.77	100.9
1209	12/30/2009 2:16	9.11	43.99	28.18	9.62	7.97	2.7	2.71	100.1
1210	12/30/2009 2:31	9.08	43.93	28.14	9.62	7.96	2.5	2.68	99.9
1211	12/30/2009 2:46	9.02	43.89	28.11	9.62	7.96	2.7	2.65	99.7
1212	12/30/2009 3:01	8.95	43.72	27.98	9.64	7.96	2.4	2.62	99.7
1213	12/30/2009 3:16	8.93	43.67	27.94	9.66	7.96	2.4	2.60	99.9
1214	12/30/2009 3:31	8.91	43.61	27.90	9.63	7.96	2.1	2.59	99.5
1215	12/30/2009 3:46	8.88	43.62	27.90	9.63	7.96	2.2	2.58	99.4
1216	12/30/2009 4:01	9.11	43.96	28.16	9.71	7.97	2.4	2.61	100.9
1217	12/30/2009 4:16	9.05	43.83	28.07	9.65	7.96	2.6	2.61	100.1
1218	12/30/2009 4:31	9.03	43.88	28.10	9.66	7.96	2.8	2.66	100.2
1219	12/30/2009 4:46	9.12	43.78	28.03	9.69	7.97	3.3	2.71	100.7
1220	12/30/2009 5:01	9.02	43.80	28.04	9.74	7.97	3.4	2.76	101.0
1221	12/30/2009 5:16	9.15	43.89	28.11	9.74	7.98	3.8	2.82	101.3
1222	12/30/2009 5:31	9.25	43.96	28.17	9.74	7.98	3.9	2.89	101.7
1223	12/30/2009 5:46	9.44	44.51	28.57	9.75	7.99	4.0	2.96	102.4
1224	12/30/2009 6:01	9.56	44.54	28.60	9.77	8.00	3.9	3.04	103.0
1225	12/30/2009 6:16	9.70	44.81	28.80	9.81	8.01	4.7	3.13	103.7
1226	12/30/2009 6:31	9.81	44.69	28.72	9.81	8.01	3.8	3.21	104.0
1227	12/30/2009 6:46	9.84	45.02	28.96	9.80	8.02	4.2	3.30	104.1
1228	12/30/2009 7:01	9.95	45.22	29.11	9.79	8.03	4.9	3.39	104.3
1229	12/30/2009 7:16	10.15	45.36	29.22	9.76	8.04	5.5	3.48	104.6
1230	12/30/2009 7:31	10.26	45.62	29.41	9.74	8.05	5.1	3.58	104.7
1231	12/30/2009 7:46	10.39	45.70	29.48	9.72	8.06	6.0	3.66	104.9
1232	12/30/2009 8:01	10.50	45.93	29.65	9.68	8.07	6.4	3.75	104.8
1233	12/30/2009 8:16	10.56	45.94	29.65	9.67	8.08	5.0	3.83	104.8
1234	12/30/2009 8:31	10.60	46.13	29.80	9.65	8.08	4.0	3.89	104.8
1235	12/30/2009 8:46	10.63	46.20	29.84	9.63	8.08	2.8	3.98	104.6
1236	12/30/2009 9:01	10.66	46.13	29.80	9.57	8.08	2.4	4.03	104.0
1237	12/30/2009 9:16	10.69	46.22	29.87	9.59	8.09	2.2	4.09	104.4
1238	12/30/2009 9:31	10.69	46.21	29.85	9.58	8.09	1.6	4.13	104.3
1239	12/30/2009 9:46	10.69	46.23	29.87	9.57	8.09	1.5	4.15	104.2
1240	12/30/2009 10:01	10.61	46.04	29.73	9.54	8.08	1.4	4.16	103.5
1241	12/30/2009 10:16	10.62	46.17	29.82	9.51	8.08	1.8	4.13	103.3
1242	12/30/2009 10:31	10.63	46.16	29.82	9.54	8.08	2.1	4.09	103.7
1243	12/30/2009 10:46	10.59	45.99	29.69	9.64	8.08	2.9	4.02	104.6
1244	12/30/2009 11:01	10.40	45.81	29.56	9.82	8.07	3.1	3.94	105.9
1245	12/30/2009 11:16	10.16	45.44	29.28	9.87	8.05	2.7	3.83	105.8
1246	12/30/2009 11:31	9.86	44.91	28.88	9.77	8.03	6.5	3.71	103.8
1247	12/30/2009 11:46	9.98	45.15	29.06	9.78	8.04	3.3	3.60	104.2

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1248	12/30/2009 12:01	9.95	45.02	28.96	9.79	8.04	3.2	3.46	104.2
1249	12/30/2009 12:16	9.83	44.73	28.75	9.85	8.03	3.4	3.35	104.5
1250	12/30/2009 12:31	9.71	44.19	28.36	9.89	8.02	4.3	3.22	104.4
1251	12/30/2009 12:46	9.71	44.47	28.56	9.93	8.03	3.2	3.07	104.9
1252	12/30/2009 13:01	9.70	44.48	28.56	9.94	8.03	3.4	2.94	105.0
1253	12/30/2009 13:16	9.75	44.51	28.59	10.08	8.03	3.6	2.80	106.6
1254	12/30/2009 13:31	9.82	44.48	28.57	10.13	8.04	4.4	2.64	107.3
1255	12/30/2009 13:46	9.63	44.19	28.35	10.16	8.03	5.0	2.51	107.0
1256	12/30/2009 14:01	9.50	43.88	28.13	10.21	8.02	6.0	2.34	107.0
1257	12/30/2009 14:16	9.55	44.01	28.23	10.31	8.03	6.7	2.18	108.3
1258	12/30/2009 14:31	9.46	43.77	28.05	10.29	8.02	7.9	2.03	107.8
1259	12/30/2009 14:46	9.48	43.67	27.98	10.38	8.04	7.6	1.86	108.7
1260	12/30/2009 15:01	9.35	43.52	27.87	10.38	8.02	6.5	1.69	108.4
1261	12/30/2009 15:16	9.36	43.63	27.94	10.29	8.02	6.0	1.53	107.5
1262	12/30/2009 15:31	9.33	43.58	27.90	10.31	8.02	7.2	1.38	107.6
1263	12/30/2009 15:46	9.25	43.35	27.74	10.22	8.01	6.8	1.22	106.3
1264	12/30/2009 16:01	9.26	43.42	27.79	10.23	8.01	6.7	1.09	106.5
1265	12/30/2009 16:16	9.21	43.35	27.74	10.20	8.00	10.1	0.98	106.0
1266	12/30/2009 16:31	9.11	43.16	27.59	10.18	8.01	6.6	0.90	105.5
1267	12/30/2009 16:46	8.95	42.96	27.44	10.15	8.00	4.8	0.90	104.7
1268	12/30/2009 17:01	8.97	42.96	27.45	10.20	8.00	5.4	0.93	105.2
1269	12/30/2009 17:16	8.95	42.94	27.43	10.21	8.00	4.6	0.98	105.3
1270	12/30/2009 17:31	8.97	43.03	27.49	10.17	8.00	4.6	1.08	105.0
1271	12/30/2009 17:46	8.96	42.83	27.35	10.16	8.00	4.6	1.16	104.7
1272	12/30/2009 18:01	8.93	42.63	27.21	10.19	7.99	4.8	1.24	104.9
1273	12/30/2009 18:16	8.96	42.64	27.22	10.17	7.99	4.8	1.31	104.8
1274	12/30/2009 18:31	8.94	42.35	27.02	10.20	7.99	4.9	1.39	104.9
1275	12/30/2009 18:46	8.95	42.23	26.93	10.19	7.99	5.0	1.48	104.8
1276	12/30/2009 19:01	8.99	42.29	26.98	10.18	7.99	5.1	1.54	104.8
1277	12/30/2009 19:16	9.02	42.54	27.15	10.15	7.99	5.0	1.62	104.6
1278	12/30/2009 19:31	9.03	42.51	27.14	10.16	7.99	5.0	1.74	104.7
1279	12/30/2009 19:46	9.12	43.00	27.48	10.12	7.99	5.1	1.83	104.8
1280	12/30/2009 20:01	9.17	43.08	27.54	10.06	7.99	5.1	1.94	104.3
1281	12/30/2009 20:16	9.17	42.98	27.47	10.03	7.99	5.4	2.05	104.0
1282	12/30/2009 20:31	9.26	43.29	27.69	9.95	7.98	6.5	2.18	103.6
1283	12/30/2009 20:46	9.31	43.53	27.87	9.89	7.98	7.2	2.30	103.1
1284	12/30/2009 21:01	9.33	43.49	27.84	9.90	7.98	8.2	2.41	103.2
1285	12/30/2009 21:16	9.37	43.75	28.03	9.89	7.99	8.1	2.51	103.3
1286	12/30/2009 21:31	9.43	43.92	28.15	9.86	7.99	8.2	2.61	103.2
1287	12/30/2009 21:46	9.50	44.07	28.26	9.81	7.99	9.9	2.71	102.9
1288	12/30/2009 22:01	9.60	44.16	28.33	9.80	8.00	11.2	2.79	103.2
1289	12/30/2009 22:16	9.70	44.32	28.45	9.82	8.01	11.0	2.88	103.7
1290	12/30/2009 22:31	9.92	44.72	28.75	9.85	8.03	10.5	2.97	104.6
1291	12/30/2009 22:46	10.00	44.91	28.89	9.87	8.03	9.9	3.04	105.2
1292	12/30/2009 23:01	10.05	44.98	28.94	9.86	8.04	10.7	3.12	105.2
1293	12/30/2009 23:16	10.13	44.96	28.93	9.83	8.04	10.1	3.18	105.1
1294	12/30/2009 23:31	10.21	45.16	29.08	9.83	8.05	6.5	3.25	105.4
1295	12/30/2009 23:46	10.28	45.23	29.13	9.83	8.05	5.1	3.29	105.5
1296	12/31/2009 0:01	10.32	45.11	29.05	9.79	8.05	4.0	3.31	105.2
1297	12/31/2009 0:16	10.18	45.00	28.96	9.72	8.04	3.5	3.32	104.0
1298	12/31/2009 0:31	10.33	45.04	29.00	9.73	8.05	3.5	3.33	104.5
1299	12/31/2009 0:46	10.30	45.18	29.09	9.76	8.05	4.7	3.27	104.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1300	12/31/2009 1:01	10.08	44.75	28.78	9.72	8.03	4.5	3.22	103.7
1301	12/31/2009 1:16	9.78	44.53	28.60	9.71	8.01	6.0	3.16	102.7
1302	12/31/2009 1:31	9.77	44.43	28.54	9.75	8.01	8.9	3.08	103.1
1303	12/31/2009 1:46	9.63	44.30	28.44	9.70	7.99	5.6	3.02	102.2
1304	12/31/2009 2:01	9.64	44.34	28.46	9.72	8.00	4.2	2.93	102.4
1305	12/31/2009 2:16	9.57	44.22	28.38	9.69	7.99	4.2	2.84	101.9
1306	12/31/2009 2:31	9.52	44.16	28.33	9.68	7.98	3.8	2.80	101.7
1307	12/31/2009 2:46	9.51	44.16	28.33	9.68	7.98	3.7	2.74	101.7
1308	12/31/2009 3:01	9.44	44.05	28.25	9.63	7.98	3.7	2.67	100.9
1309	12/31/2009 3:16	9.39	43.77	28.04	9.68	7.98	3.8	2.63	101.2
1310	12/31/2009 3:31	9.36	43.79	28.06	9.70	7.98	3.5	2.58	101.4
1311	12/31/2009 3:46	9.33	43.60	27.92	9.72	7.97	3.6	2.54	101.4
1312	12/31/2009 4:01	9.30	43.50	27.85	9.71	7.97	3.2	2.53	101.1
1313	12/31/2009 4:16	9.28	43.68	27.97	9.69	7.97	3.1	2.50	101.0
1314	12/31/2009 4:31	9.28	43.55	27.88	9.70	7.97	3.2	2.50	101.0
1315	12/31/2009 4:46	9.29	43.69	27.98	9.77	7.97	3.2	2.51	101.9
1316	12/31/2009 5:01	9.36	43.65	27.96	9.72	7.97	3.6	2.52	101.5
1317	12/31/2009 5:16	9.39	43.94	28.16	9.73	7.98	4.0	2.57	101.8
1318	12/31/2009 5:31	9.42	43.86	28.11	9.75	7.98	4.7	2.60	102.0
1319	12/31/2009 5:46	9.41	43.84	28.09	9.76	7.99	5.9	2.65	102.1
1320	12/31/2009 6:01	9.51	44.13	28.30	9.74	7.99	4.5	2.72	102.3
1321	12/31/2009 6:16	9.58	44.26	28.40	9.70	8.00	5.1	2.79	102.0
1322	12/31/2009 6:31	9.68	44.38	28.49	9.71	8.00	4.6	2.84	102.5
1323	12/31/2009 6:46	9.85	44.67	28.71	9.74	8.02	4.5	2.94	103.4
1324	12/31/2009 7:01	9.94	44.81	28.82	9.78	8.03	4.8	3.02	104.0
1325	12/31/2009 7:16	9.99	44.82	28.82	9.80	8.03	6.3	3.11	104.3
1326	12/31/2009 7:31	10.10	45.07	29.01	9.78	8.04	6.4	3.21	104.5
1327	12/31/2009 7:46	10.27	45.06	29.01	9.79	8.05	7.4	3.29	105.0
1328	12/31/2009 8:01	10.43	45.37	29.24	9.76	8.06	8.1	3.41	105.2
1329	12/31/2009 8:16	10.57	45.58	29.40	9.76	8.07	9.0	3.51	105.6
1330	12/31/2009 8:31	10.67	45.77	29.54	9.72	8.08	9.2	3.60	105.5
1331	12/31/2009 8:46	10.74	45.82	29.58	9.69	8.09	7.6	3.72	105.4
1332	12/31/2009 9:01	10.82	45.82	29.58	9.70	8.09	6.5	3.81	105.7
1333	12/31/2009 9:16	10.85	45.91	29.65	9.69	8.10	5.6	3.90	105.7
1334	12/31/2009 9:31	10.86	46.00	29.71	9.67	8.10	5.0	3.98	105.6
1335	12/31/2009 9:46	10.88	45.99	29.71	9.66	8.10	3.8	4.07	105.5
1336	12/31/2009 10:01	10.89	46.07	29.77	9.66	8.10	3.1	4.14	105.5
1337	12/31/2009 10:16	10.89	46.07	29.77	9.65	8.10	6.4	4.20	105.4
	Mean	10.05	44.29	28.45	9.43	7.98	3.7	2.70	100.3
	Minimum	8.67	42.23	26.93	8.37	7.87	0.5	0.90	89.2
	Maximum	11.45	46.23	29.87	10.99	8.10	34.3	4.20	115.6

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