

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
0	12/13/2007 12:46:00	9.03	49.781	32.31	8.67	7.85	4.8	3.095
1	12/13/2007 13:01:00	9.04	49.649	32.22	8.65	7.89	3.5	3.121
2	12/13/2007 13:16:00	9.04	49.43	32.06	8.59	7.9	4.7	3.124
3	12/13/2007 13:31:00	9.03	49.854	32.37	8.53	7.91	6.1	3.128
4	12/13/2007 13:46:00	9.04	50.093	32.54	8.48	7.91	4.2	3.109
5	12/13/2007 14:01:00	9.04	49.962	32.44	8.46	7.92	4.7	3.071
6	12/13/2007 14:16:00	9.07	49.559	32.16	8.47	7.92	4.8	3.029
7	12/13/2007 14:31:00	9.14	49.241	31.93	8.64	7.94	4.8	2.97
8	12/13/2007 14:46:00	9.17	49.037	31.79	8.75	7.95	6.1	2.879
9	12/13/2007 15:01:00	9.11	48.803	31.62	8.72	7.94	11.6	2.787
10	12/13/2007 15:16:00	9.1	48.702	31.54	8.84	7.95	6.7	2.694
11	12/13/2007 15:31:00	9.09	48.292	31.25	8.93	7.96	4.9	2.604
12	12/13/2007 15:46:00	9.08	48.368	31.3	9.05	7.96	6.4	2.49
13	12/13/2007 16:01:00	9.03	48.004	31.04	9.04	7.96	6.5	2.385
14	12/13/2007 16:16:00	9.02	48.016	31.04	9.02	7.96	7.3	2.29
15	12/13/2007 16:31:00	8.98	47.994	31.02	9.06	7.96	9.4	2.174
16	12/13/2007 16:46:00	8.88	47.599	30.73	9.08	7.96	9.8	2.057
17	12/13/2007 17:01:00	8.84	47.688	30.8	9.09	7.96	8.5	1.933
18	12/13/2007 17:16:00	8.79	47.627	30.75	9.09	7.96	8.3	1.829
19	12/13/2007 17:31:00	8.7	47.471	30.63	9.13	7.96	10.4	1.706
20	12/13/2007 17:46:00	8.62	47.091	30.35	9.17	7.96	10.8	1.563
21	12/13/2007 18:01:00	8.57	47.131	30.38	9.19	7.96	12.2	1.435
22	12/13/2007 18:16:00	8.52	46.909	30.21	9.22	7.96	11	1.31
23	12/13/2007 18:31:00	8.46	46.907	30.21	9.2	7.96	10.1	1.199
24	12/13/2007 18:46:00	8.38	46.766	30.1	9.27	7.96	9	1.078
25	12/13/2007 19:01:00	8.31	46.555	29.95	9.34	7.96	10.4	0.962
26	12/13/2007 19:16:00	8.21	46.503	29.9	9.36	7.96	8.3	0.898
27	12/13/2007 19:31:00	8.14	46.422	29.84	9.38	7.96	6.4	0.816
28	12/13/2007 19:46:00	8.07	46.336	29.77	9.36	7.96	8.2	0.758
29	12/13/2007 20:01:00	8.05	46.038	29.56	9.33	7.9	4.7	0.754
30	12/13/2007 20:16:00	8.04	46.096	29.6	9.29	7.89	4.1	0.757
31	12/13/2007 20:31:00	8.13	46.336	29.78	9.32	7.91	5.6	0.789
32	12/13/2007 20:46:00	8.2	46.452	29.87	9.29	7.96	5.4	0.846
33	12/13/2007 21:01:00	8.21	46.4	29.83	9.29	7.91	4.3	0.9
34	12/13/2007 21:16:00	8.23	46.61	29.98	9.27	7.96	4.7	0.969
35	12/13/2007 21:31:00	8.17	46.311	29.76	9.27	7.95	5	1.023
36	12/13/2007 21:46:00	8.24	46.436	29.86	9.24	7.95	4.7	1.091
37	12/13/2007 22:01:00	8.1	45.94	29.49	9.32	7.94	5.6	1.15
38	12/13/2007 22:16:00	8.15	46.104	29.61	9.28	7.94	5.2	1.215
39	12/13/2007 22:31:00	8.15	45.659	29.3	9.3	7.93	5.6	1.286
40	12/13/2007 22:46:00	8.24	45.651	29.3	9.26	7.94	5.4	1.363
41	12/13/2007 23:01:00	8.35	46.376	29.82	9.2	7.94	5.4	1.456
42	12/13/2007 23:16:00	8.32	45.978	29.54	9.2	7.94	5.9	1.546
43	12/13/2007 23:31:00	8.48	47.031	30.3	9.03	7.94	6.7	1.629
44	12/13/2007 23:46:00	8.65	47.247	30.47	8.97	7.94	6.7	1.724
45	12/14/2007 00:01:00	8.66	47.19	30.43	8.95	7.94	8.3	1.825
46	12/14/2007 00:16:00	8.72	47.389	30.57	8.91	7.94	8.6	1.908
47	12/14/2007 00:31:00	8.76	47.627	30.75	8.9	7.94	10	2.004
48	12/14/2007 00:46:00	8.79	47.875	30.93	8.87	7.94	10.9	2.086
49	12/14/2007 01:01:00	8.79	48.071	31.07	8.83	7.88	10	2.167

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
50	12/14/2007 01:16:00	8.8	48.212	31.17	8.79	7.88	11.9	2.239
51	12/14/2007 01:31:00	8.84	48.066	31.07	8.76	7.88	12.5	2.309
52	12/14/2007 01:46:00	8.82	48.267	31.21	8.76	7.94	12.3	2.381
53	12/14/2007 02:01:00	8.82	48.501	31.38	8.73	7.94	9.8	2.446
54	12/14/2007 02:16:00	8.82	48.537	31.4	8.72	7.94	9.9	2.505
55	12/14/2007 02:31:00	8.85	48.849	31.63	8.7	7.94	9	2.561
56	12/14/2007 02:46:00	8.87	49.282	31.94	8.69	7.94	7.6	2.601
57	12/14/2007 03:01:00	8.87	49.278	31.94	8.66	7.94	5.7	2.65
58	12/14/2007 03:16:00	8.89	49.621	32.19	8.65	7.88	3.9	2.682
59	12/14/2007 03:31:00	8.9	49.681	32.23	8.6	7.88	3.5	2.702
60	12/14/2007 03:46:00	8.87	49.024	31.76	8.63	7.93	5.8	2.719
61	12/14/2007 04:01:00	8.91	49.5	32.1	8.66	7.94	6.5	2.706
62	12/14/2007 04:16:00	8.89	49.659	32.21	8.67	7.94	7.3	2.692
63	12/14/2007 04:31:00	8.8	48.782	31.58	8.7	7.87	7.4	2.64
64	12/14/2007 04:46:00	8.59	48.331	31.24	8.73	7.86	8.9	2.595
65	12/14/2007 05:01:00	8.65	48.233	31.17	8.7	7.86	8.6	2.551
66	12/14/2007 05:16:00	8.63	48.113	31.08	8.68	7.86	10.9	2.469
67	12/14/2007 05:31:00	8.71	48.401	31.3	8.67	7.87	8.8	2.424
68	12/14/2007 05:46:00	8.68	48.096	31.08	8.67	7.86	8.6	2.357
69	12/14/2007 06:01:00	8.66	47.97	30.98	8.66	7.86	7.5	2.296
70	12/14/2007 06:16:00	8.58	47.85	30.89	8.68	7.86	6.5	2.247
71	12/14/2007 06:31:00	8.54	47.802	30.85	8.69	7.85	5	2.186
72	12/14/2007 06:46:00	8.52	47.567	30.68	8.7	7.85	6.5	2.148
73	12/14/2007 07:01:00	8.47	47.53	30.65	8.77	7.85	6.7	2.113
74	12/14/2007 07:16:00	8.38	47.397	30.55	8.8	7.85	5.5	2.079
75	12/14/2007 07:31:00	8.32	47.396	30.55	8.83	7.91	5.7	2.03
76	12/14/2007 07:46:00	8.28	47.026	30.28	8.86	7.84	3.8	2.004
77	12/14/2007 08:01:00	8.26	47.097	30.33	8.78	7.83	2.1	2.019
78	12/14/2007 08:16:00	8.33	47.322	30.49	8.59	7.84	3.4	2.013
79	12/14/2007 08:31:00	8.39	47.549	30.66	8.73	7.9	3.4	1.991
80	12/14/2007 08:46:00	8.33	47.754	30.8	8.68	7.9	3.1	2.014
81	12/14/2007 09:01:00	8.43	47.716	30.78	8.73	7.9	4.2	2.044
82	12/14/2007 09:16:00	8.47	47.64	30.73	8.77	7.9	4.8	2.088
83	12/14/2007 09:31:00	8.49	47.703	30.78	8.75	7.85	5.4	2.119
84	12/14/2007 09:46:00	8.45	47.383	30.55	8.82	7.85	4.2	2.167
85	12/14/2007 10:01:00	8.51	47.979	30.98	8.77	7.91	4.8	2.226
86	12/14/2007 10:16:00	8.62	48.148	31.11	8.75	7.91	6.2	2.29
87	12/14/2007 10:31:00	8.6	48.263	31.19	8.75	7.91	5.7	2.34
88	12/14/2007 10:46:00	8.69	48.607	31.44	8.72	7.91	4.8	2.384
89	12/14/2007 11:01:00	8.66	48.511	31.37	8.76	7.91	4.1	2.437
90	12/14/2007 11:16:00	8.73	48.851	31.62	8.71	7.91	4.3	2.487
91	12/14/2007 11:31:00	8.8	48.958	31.7	8.73	7.92	4.5	2.536
92	12/14/2007 11:46:00	8.89	48.848	31.63	8.75	7.86	3.7	2.591
93	12/14/2007 12:01:00	8.92	49.044	31.77	8.76	7.92	3.8	2.659
94	12/14/2007 12:16:00	8.94	48.98	31.73	8.77	7.92	3.5	2.711
95	12/14/2007 12:31:00	8.98	49.388	32.03	8.72	7.92	3.1	2.755
96	12/14/2007 12:46:00	8.93	49.569	32.15	8.63	7.92	2.8	2.813
97	12/14/2007 13:01:00	8.94	49.739	32.28	8.62	7.92	3.4	2.859
98	12/14/2007 13:16:00	8.94	49.758	32.29	8.57	7.92	1.7	2.889
99	12/14/2007 13:31:00	8.94	49.835	32.34	8.5	7.91	0.8	2.911

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
100	12/14/2007 13:46:00	8.93	49.904	32.39	8.48	7.91	1.2	2.933
101	12/14/2007 14:01:00	8.96	49.89	32.39	8.48	7.91	1.7	2.958
102	12/14/2007 14:16:00	8.94	49.979	32.45	8.52	7.91	3.3	2.97
103	12/14/2007 14:31:00	8.95	50.033	32.49	8.53	7.91	2.9	2.928
104	12/14/2007 14:46:00	8.96	49.761	32.29	8.59	7.91	4.2	2.894
105	12/14/2007 15:01:00	9.09	49.253	31.94	8.75	7.92	4.1	2.856
106	12/14/2007 15:16:00	9.12	49.214	31.91	8.85	7.93	3.4	2.798
107	12/14/2007 15:31:00	9.06	48.721	31.55	8.78	7.92	5.1	2.724
108	12/14/2007 15:46:00	9.09	48.656	31.51	8.93	7.87	5.3	2.661
109	12/14/2007 16:01:00	9.03	48.666	31.51	8.94	7.93	5	2.563
110	12/14/2007 16:16:00	9	48.442	31.35	9	7.94	4.2	2.474
111	12/14/2007 16:31:00	8.97	48.208	31.18	9.05	7.88	3.9	2.383
112	12/14/2007 16:46:00	8.95	48.14	31.13	9.12	7.88	4.2	2.288
113	12/14/2007 17:01:00	8.91	48.339	31.27	9.02	7.88	3.9	2.201
114	12/14/2007 17:16:00	8.88	48.185	31.15	9.03	7.93	8.1	2.096
115	12/14/2007 17:31:00	8.85	47.989	31.01	9.1	7.87	34.6	1.984
116	12/14/2007 17:46:00	8.79	47.867	30.92	9.12	7.87	10.1	1.881
117	12/14/2007 18:01:00	8.74	47.912	30.95	9.14	7.87	8.7	1.757
118	12/14/2007 18:16:00	8.66	47.567	30.7	9.21	7.87	9.7	1.638
119	12/14/2007 18:31:00	8.61	47.543	30.67	9.27	7.88	9.4	1.508
120	12/14/2007 18:46:00	8.55	46.915	30.22	9.34	7.88	7.9	1.394
121	12/14/2007 19:01:00	8.49	46.869	30.18	9.42	7.88	8.4	1.274
122	12/14/2007 19:16:00	8.45	46.782	30.12	9.44	7.88	9.2	1.176
123	12/14/2007 19:31:00	8.42	46.85	30.17	9.44	7.88	7.8	1.051
124	12/14/2007 19:46:00	8.37	46.605	29.99	9.53	7.89	6.4	0.967
125	12/14/2007 20:01:00	8.31	46.748	30.08	9.54	7.89	5.6	0.918
126	12/14/2007 20:16:00	8.27	46.666	30.02	9.52	7.89	3.9	0.853
127	12/14/2007 20:31:00	8.25	46.553	29.94	9.53	7.89	4.2	0.814
128	12/14/2007 20:46:00	8.22	46.638	30	9.5	7.88	2.5	0.82
129	12/14/2007 21:01:00	8.22	46.578	29.96	9.44	7.89	2.9	0.849
130	12/14/2007 21:16:00	8.26	46.722	30.06	9.5	7.89	3.9	0.86
131	12/14/2007 21:31:00	8.32	46.664	30.03	9.48	7.89	3.8	0.904
132	12/14/2007 21:46:00	8.33	46.813	30.13	9.47	7.89	3.6	0.967
133	12/14/2007 22:01:00	8.34	46.889	30.19	9.46	7.89	3.8	1.032
134	12/14/2007 22:16:00	8.31	46.613	29.99	9.46	7.88	4.1	1.089
135	12/14/2007 22:31:00	8.33	46.381	29.82	9.47	7.88	4	1.14
136	12/14/2007 22:46:00	8.21	45.735	29.36	9.5	7.87	4.5	1.224
137	12/14/2007 23:01:00	8.27	46.212	29.7	9.46	7.87	4.7	1.286
138	12/14/2007 23:16:00	8.34	46.304	29.77	9.43	7.87	4.2	1.353
139	12/14/2007 23:31:00	8.29	45.923	29.5	9.45	7.86	4.8	1.432
140	12/14/2007 23:46:00	8.44	46.596	29.99	9.37	7.86	4.8	1.516
141	12/15/2007 00:01:00	8.5	46.634	30.02	9.32	7.87	5.1	1.607
142	12/15/2007 00:16:00	8.63	47.26	30.47	9.17	7.86	13.3	1.684
143	12/15/2007 00:31:00	8.59	47.146	30.39	9.17	7.86	7.2	1.784
144	12/15/2007 00:46:00	8.6	47.362	30.54	9.15	7.86	7.6	1.877
145	12/15/2007 01:01:00	8.71	47.704	30.8	9.06	7.86	13.5	1.96
146	12/15/2007 01:16:00	8.74	47.896	30.94	9.05	7.86	8.5	2.056
147	12/15/2007 01:31:00	8.77	48.032	31.04	9.02	7.86	9.9	2.118
148	12/15/2007 01:46:00	8.8	47.932	30.97	9	7.86	8.9	2.213
149	12/15/2007 02:01:00	8.79	48.213	31.17	8.97	7.86	10.8	2.277

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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
150	12/15/2007 02:16:00	8.83	48.443	31.34	8.93	7.86	12.5	2.349
151	12/15/2007 02:31:00	8.83	48.565	31.42	8.93	7.86	10.8	2.431
152	12/15/2007 02:46:00	8.84	48.647	31.48	8.92	7.86	9.7	2.496
153	12/15/2007 03:01:00	8.86	48.578	31.43	8.9	7.86	8	2.55
154	12/15/2007 03:16:00	8.89	49.172	31.86	8.86	7.86	7.6	2.619
155	12/15/2007 03:31:00	8.9	49.441	32.06	8.85	7.86	11.2	2.68
156	12/15/2007 03:46:00	8.91	49.424	32.05	8.81	7.86	5.2	2.696
157	12/15/2007 04:01:00	8.92	49.533	32.13	8.77	7.86	3.2	2.74
158	12/15/2007 04:16:00	8.92	49.693	32.24	8.69	7.85	2	2.762
159	12/15/2007 04:31:00	8.91	49.547	32.14	8.77	7.85	5.5	2.771
160	12/15/2007 04:46:00	8.93	49.8	32.32	8.78	7.86	6.1	2.752
161	12/15/2007 05:01:00	8.89	49.388	32.02	8.8	7.86	4.5	2.709
162	12/15/2007 05:16:00	8.87	49.199	31.88	8.73	7.85	6	2.671
163	12/15/2007 05:31:00	8.73	48.381	31.28	8.75	7.84	4.7	2.632
164	12/15/2007 05:46:00	8.83	48.694	31.52	8.78	7.85	6.1	2.567
165	12/15/2007 06:01:00	8.82	48.636	31.47	8.78	7.85	6.1	2.495
166	12/15/2007 06:16:00	8.76	48.468	31.35	8.78	7.85	6	2.426
167	12/15/2007 06:31:00	8.76	48.302	31.23	8.79	7.85	7.8	2.368
168	12/15/2007 06:46:00	8.73	48.16	31.12	8.81	7.85	6.2	2.315
169	12/15/2007 07:01:00	8.7	48.118	31.09	8.82	7.85	5.5	2.248
170	12/15/2007 07:16:00	8.66	48.06	31.05	8.78	7.84	6.4	2.188
171	12/15/2007 07:31:00	8.66	48.071	31.06	8.81	7.84	4	2.134
172	12/15/2007 07:46:00	8.64	47.922	30.95	8.91	7.85	4.5	2.095
173	12/15/2007 08:01:00	8.61	47.544	30.67	8.94	7.85	4.5	2.053
174	12/15/2007 08:16:00	8.58	47.601	30.71	8.93	7.85	3.7	2.003
175	12/15/2007 08:31:00	8.56	47.364	30.54	8.9	7.84	3.1	1.983
176	12/15/2007 08:46:00	8.54	47.491	30.63	8.87	7.84	3.2	1.964
177	12/15/2007 09:01:00	8.55	47.535	30.66	8.85	7.84	0.4	1.948
178	12/15/2007 09:16:00	8.55	47.544	30.67	8.69	7.83	0.6	1.954
179	12/15/2007 09:31:00	8.57	47.49	30.63	8.72	7.83	1.3	1.935
180	12/15/2007 09:46:00	8.57	47.565	30.69	8.83	7.84	2	1.955
181	12/15/2007 10:01:00	8.62	47.667	30.76	8.88	7.85	3.1	1.972
182	12/15/2007 10:16:00	8.64	47.566	30.69	8.89	7.85	3.2	1.978
183	12/15/2007 10:31:00	8.63	47.771	30.84	8.85	7.85	3.4	2.037
184	12/15/2007 10:46:00	8.67	47.88	30.92	8.88	7.85	4.4	2.089
185	12/15/2007 11:01:00	8.67	47.866	30.91	8.89	7.85	3.2	2.125
186	12/15/2007 11:16:00	8.69	47.949	30.97	8.87	7.85	3.8	2.17
187	12/15/2007 11:31:00	8.72	47.995	31.01	8.85	7.85	4.3	2.231
188	12/15/2007 11:46:00	8.74	48.179	31.14	8.84	7.85	4.2	2.272
189	12/15/2007 12:01:00	8.79	48.42	31.32	8.81	7.85	3.4	2.318
190	12/15/2007 12:16:00	8.83	48.141	31.12	8.85	7.85	3.9	2.375
191	12/15/2007 12:31:00	8.85	48.722	31.54	8.79	7.85	3.6	2.415
192	12/15/2007 12:46:00	8.9	48.617	31.47	8.82	7.86	3.6	2.471
193	12/15/2007 13:01:00	8.95	48.864	31.65	8.81	7.86	2.8	2.495
194	12/15/2007 13:16:00	9.06	48.947	31.71	8.81	7.86	2.8	2.547
195	12/15/2007 13:31:00	9.1	48.921	31.7	8.83	7.86	2.8	2.6
196	12/15/2007 13:46:00	9.13	49.053	31.8	8.85	7.86	2.5	2.642
197	12/15/2007 14:01:00	9.16	49.168	31.88	8.82	7.86	2.1	2.675
198	12/15/2007 14:16:00	9.16	49.379	32.03	8.76	7.86	1.6	2.722
199	12/15/2007 14:31:00	9.16	49.5	32.12	8.69	7.86	1.6	2.741

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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
200	12/15/2007 14:46:00	9.13	49.389	32.04	8.61	7.85	1.2	2.749
201	12/15/2007 15:01:00	9.12	49.554	32.16	8.44	7.85	0	2.769
202	12/15/2007 15:16:00	9.05	49.447	32.07	8.46	7.84	0.7	2.769
203	12/15/2007 15:31:00	9	49.514	32.12	8.58	7.85	3	2.75
204	12/15/2007 15:46:00	8.99	49.606	32.18	8.62	7.85	3.3	2.719
205	12/15/2007 16:01:00	9.02	49.416	32.05	8.64	7.85	3.1	2.683
206	12/15/2007 16:16:00	9.11	49.109	31.84	8.76	7.86	2.5	2.616
207	12/15/2007 16:31:00	9.09	48.891	31.68	8.82	7.86	3.2	2.56
208	12/15/2007 16:46:00	9.16	48.798	31.62	8.95	7.88	4.1	2.493
209	12/15/2007 17:01:00	9.12	48.551	31.43	9.02	7.88	4.1	2.409
210	12/15/2007 17:16:00	9.08	48.364	31.3	9.06	7.88	4.3	2.317
211	12/15/2007 17:31:00	9.04	48.231	31.2	9.11	7.89	5	2.222
212	12/15/2007 17:46:00	9	48.037	31.06	9.16	7.89	4.2	2.143
213	12/15/2007 18:01:00	8.99	48.12	31.12	9.1	7.88	5	2.045
214	12/15/2007 18:16:00	8.93	47.898	30.95	9.13	7.88	8.1	1.939
215	12/15/2007 18:31:00	8.89	47.865	30.93	9.16	7.88	8.4	1.838
216	12/15/2007 18:46:00	8.83	47.702	30.8	9.2	7.89	7.2	1.734
217	12/15/2007 19:01:00	8.79	47.44	30.61	9.25	7.89	7.8	1.63
218	12/15/2007 19:16:00	8.75	47.359	30.55	9.33	7.9	7.5	1.5
219	12/15/2007 19:31:00	8.71	47.262	30.48	9.42	7.91	6.7	1.412
220	12/15/2007 19:46:00	8.67	47.154	30.4	9.52	7.91	5.9	1.326
221	12/15/2007 20:01:00	8.6	46.986	30.28	9.6	7.92	5.2	1.24
222	12/15/2007 20:16:00	8.57	47.054	30.32	9.62	7.92	4.6	1.131
223	12/15/2007 20:31:00	8.56	46.934	30.24	9.65	7.92	4.3	1.071
224	12/15/2007 20:46:00	8.52	46.673	30.05	9.69	7.93	4.1	1.019
225	12/15/2007 21:01:00	8.52	46.871	30.19	9.62	7.92	2.9	0.976
226	12/15/2007 21:16:00	8.51	46.914	30.22	9.62	7.92	2.1	0.954
227	12/15/2007 21:31:00	8.48	46.863	30.18	9.43	7.91	0.8	0.963
228	12/15/2007 21:46:00	8.5	46.881	30.19	9.59	7.92	2.1	0.985
229	12/15/2007 22:01:00	8.56	46.654	30.04	9.59	7.92	3	1.017
230	12/15/2007 22:16:00	8.56	46.831	30.16	9.58	7.92	2.8	1.047
231	12/15/2007 22:31:00	8.57	46.825	30.16	9.57	7.92	3.2	1.105
232	12/15/2007 22:46:00	8.55	46.929	30.23	9.53	7.92	2.3	1.142
233	12/15/2007 23:01:00	8.56	46.829	30.16	9.51	7.91	6.1	1.212
234	12/15/2007 23:16:00	8.59	47.016	30.3	9.47	7.91	3.6	1.264
235	12/15/2007 23:31:00	8.42	46.446	29.88	9.49	7.89	5.1	1.292
236	12/15/2007 23:46:00	8.48	46.36	29.82	9.48	7.89	5.7	1.406
237	12/16/2007 00:01:00	8.65	46.862	30.19	9.45	7.9	4.9	1.47
238	12/16/2007 00:16:00	8.66	46.933	30.24	9.39	7.9	4.4	1.524
239	12/16/2007 00:31:00	8.74	47.255	30.48	9.3	7.89	5.5	1.612
240	12/16/2007 00:46:00	8.78	47.482	30.64	9.21	7.89	5.2	1.699
241	12/16/2007 01:01:00	8.8	47.482	30.65	9.15	7.88	5.9	1.785
242	12/16/2007 01:16:00	8.79	47.791	30.87	9.13	7.88	8.3	1.879
243	12/16/2007 01:31:00	8.85	47.94	30.98	9.08	7.88	10.6	1.974
244	12/16/2007 01:46:00	8.88	48.095	31.09	9.07	7.88	10.1	2.058
245	12/16/2007 02:01:00	8.92	48.388	31.3	9.02	7.88	9.1	2.145
246	12/16/2007 02:16:00	8.9	48.304	31.24	9	7.88	10.1	2.218
247	12/16/2007 02:31:00	8.85	48.378	31.29	8.99	7.87	12.9	2.29
248	12/16/2007 02:46:00	8.86	48.731	31.54	8.94	7.87	13.7	2.378
249	12/16/2007 03:01:00	8.85	48.748	31.56	8.91	7.87	11.3	2.453

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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
250	12/16/2007 03:16:00	8.84	48.964	31.71	8.87	7.87	9.8	2.509
251	12/16/2007 03:31:00	8.85	49.309	31.96	8.82	7.87	9.3	2.578
252	12/16/2007 03:46:00	8.89	49.392	32.02	8.85	7.87	9.5	2.637
253	12/16/2007 04:01:00	8.9	49.363	32	8.93	7.87	6.5	2.694
254	12/16/2007 04:16:00	8.92	49.976	32.44	8.92	7.87	6.2	2.76
255	12/16/2007 04:31:00	8.93	50.045	32.5	8.96	7.86	8.6	2.809
256	12/16/2007 04:46:00	8.93	50.047	32.5	8.94	7.86	5.6	2.846
257	12/16/2007 05:01:00	8.92	50.066	32.51	8.9	7.86	4.7	2.84
258	12/16/2007 05:16:00	8.92	50.148	32.57	8.97	7.86	5.3	2.841
259	12/16/2007 05:31:00	8.92	50.25	32.64	9.03	7.86	6.4	2.834
260	12/16/2007 05:46:00	8.87	49.875	32.37	8.95	7.86	6.1	2.803
261	12/16/2007 06:01:00	8.82	49.888	32.37	8.89	7.86	5.1	2.758
262	12/16/2007 06:16:00	8.64	48.921	31.66	8.83	7.86	4.3	2.711
263	12/16/2007 06:31:00	8.76	49.261	31.92	8.82	7.86	5	2.636
264	12/16/2007 06:46:00	8.73	48.8	31.58	8.81	7.86	10.3	2.571
265	12/16/2007 07:01:00	8.75	48.967	31.71	8.82	7.86	7.5	2.466
266	12/16/2007 07:16:00	8.73	48.945	31.69	8.76	7.86	6.2	2.419
267	12/16/2007 07:31:00	8.66	48.507	31.37	8.79	7.86	4.6	2.374
268	12/16/2007 07:46:00	8.64	48.536	31.39	8.79	7.86	4.5	2.28
269	12/16/2007 08:01:00	8.63	48.557	31.4	8.85	7.86	4.8	2.206
270	12/16/2007 08:16:00	8.6	48.275	31.2	8.88	7.86	4.8	2.147
271	12/16/2007 08:31:00	8.62	48.031	31.02	8.97	7.87	5	2.103
272	12/16/2007 08:46:00	8.59	48.197	31.14	8.96	7.87	4.6	2.036
273	12/16/2007 09:01:00	8.55	48.018	31.01	8.97	7.87	3.2	2.004
274	12/16/2007 09:16:00	8.53	47.793	30.85	9	7.87	3	1.947
275	12/16/2007 09:31:00	8.5	47.791	30.84	8.99	7.87	2.3	1.926
276	12/16/2007 09:46:00	8.47	47.576	30.69	8.99	7.87	3.6	1.876
277	12/16/2007 10:01:00	8.41	47.633	30.72	9.01	7.87	1.4	1.861
278	12/16/2007 10:16:00	8.39	47.482	30.61	8.95	7.86	0.9	1.833
279	12/16/2007 10:31:00	8.41	47.646	30.73	8.88	7.86	1	1.838
280	12/16/2007 10:46:00	8.44	47.679	30.76	8.98	7.87	2	1.835
281	12/16/2007 11:01:00	8.46	47.703	30.78	9.01	7.87	1.8	1.827
282	12/16/2007 11:16:00	8.51	47.893	30.92	9	7.87	3.4	1.861
283	12/16/2007 11:31:00	8.53	47.867	30.9	9.02	7.87	3.5	1.889
284	12/16/2007 11:46:00	8.55	48.074	31.05	9.03	7.88	5.4	1.924
285	12/16/2007 12:01:00	8.41	47.832	30.87	9.05	7.87	5.4	1.953
286	12/16/2007 12:16:00	8.44	47.786	30.83	9.02	7.87	5.4	2.01
287	12/16/2007 12:31:00	8.51	48.101	31.07	8.99	7.87	5.4	2.058
288	12/16/2007 12:46:00	8.57	48.204	31.14	8.96	7.87	4.2	2.091
289	12/16/2007 13:01:00	8.61	48.497	31.36	8.94	7.87	4.2	2.145
290	12/16/2007 13:16:00	8.66	48.733	31.53	8.92	7.87	4.2	2.178
291	12/16/2007 13:31:00	8.71	48.703	31.51	8.94	7.87	3.7	2.233
292	12/16/2007 13:46:00	8.75	49.044	31.76	8.94	7.87	3.8	2.283
293	12/16/2007 14:01:00	8.77	49.059	31.77	8.97	7.87	3.7	2.32
294	12/16/2007 14:16:00	8.78	49.221	31.89	8.95	7.87	3.7	2.375
295	12/16/2007 14:31:00	8.79	49.219	31.89	8.96	7.87	3.9	2.439
296	12/16/2007 14:46:00	8.79	49.578	32.15	8.94	7.87	4	2.472
297	12/16/2007 15:01:00	8.8	49.688	32.23	8.93	7.87	3	2.522
298	12/16/2007 15:16:00	8.8	49.673	32.22	8.93	7.87	3.6	2.562
299	12/16/2007 15:31:00	8.79	49.84	32.34	8.92	7.87	2.4	2.6

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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
300	12/16/2007 15:46:00	8.79	49.699	32.24	8.87	7.86	1.5	2.639
301	12/16/2007 16:01:00	8.79	49.859	32.35	8.8	7.86	1.4	2.643
302	12/16/2007 16:16:00	8.79	49.904	32.38	8.93	7.86	3.9	2.645
303	12/16/2007 16:31:00	8.79	49.999	32.45	8.9	7.86	3.2	2.67
304	12/16/2007 16:46:00	8.79	50.013	32.46	8.77	7.86	6.4	2.628
305	12/16/2007 17:01:00	8.78	49.86	32.35	8.87	7.86	3.5	2.591
306	12/16/2007 17:16:00	8.67	49.246	31.9	9	7.88	6.1	2.535
307	12/16/2007 17:31:00	8.66	49.224	31.88	8.98	7.87	3.8	2.47
308	12/16/2007 17:46:00	8.68	49.099	31.79	8.95	7.87	3.9	2.391
309	12/16/2007 18:01:00	8.7	49.316	31.95	8.9	7.87	3.6	2.33
310	12/16/2007 18:16:00	8.67	48.952	31.69	8.93	7.87	3.6	2.264
311	12/16/2007 18:31:00	8.63	48.998	31.72	8.9	7.87	4.4	2.168
312	12/16/2007 18:46:00	8.64	48.874	31.63	8.9	7.87	5.7	2.114
313	12/16/2007 19:01:00	8.62	48.726	31.52	8.89	7.87	9.8	2.033
314	12/16/2007 19:16:00	8.59	48.331	31.24	8.88	7.87	8.9	1.944
315	12/16/2007 19:31:00	8.5	48.144	31.1	8.95	7.87	9.7	1.846
316	12/16/2007 19:46:00	8.45	47.994	30.98	8.99	7.88	11.7	1.752
317	12/16/2007 20:01:00	8.4	47.829	30.86	9	7.87	11.5	1.667
318	12/16/2007 20:16:00	8.35	47.58	30.68	9.01	7.87	12	1.594
319	12/16/2007 20:31:00	8.32	47.4	30.55	9.03	7.9	12.3	1.5
320	12/16/2007 20:46:00	8.28	47.497	30.62	9.04	7.9	11.9	1.42
321	12/16/2007 21:01:00	8.24	47.184	30.39	9.06	7.9	12.1	1.371
322	12/16/2007 21:16:00	8.21	47.247	30.43	9.05	7.9	12.4	1.29
323	12/16/2007 21:31:00	8.2	47.188	30.39	9.07	7.9	12	1.257
324	12/16/2007 21:46:00	8.19	47.046	30.29	9.05	7.89	12.8	1.186
325	12/16/2007 22:01:00	8.17	46.914	30.19	9.02	7.9	9.8	1.167
326	12/16/2007 22:16:00	8.19	46.942	30.21	8.89	7.89	9.5	1.18
327	12/16/2007 22:31:00	8.18	47.144	30.36	8.98	7.89	7.8	1.179
328	12/16/2007 22:46:00	8.19	46.975	30.24	9.03	7.89	10.8	1.189
329	12/16/2007 23:01:00	8.28	47.458	30.59	8.98	7.89	8.2	1.244
330	12/16/2007 23:16:00	8.28	47.469	30.6	9.02	7.9	9.6	1.274
331	12/16/2007 23:31:00	8.29	47.504	30.62	9.02	7.9	10	1.34
332	12/16/2007 23:46:00	8.3	47.504	30.62	9.03	7.9	8.5	1.37
333	12/17/2007 00:01:00	8.28	47.229	30.42	9.04	7.9	9.1	1.455
334	12/17/2007 00:16:00	8.39	47.72	30.78	8.98	7.9	8.4	1.513
335	12/17/2007 00:31:00	8.44	47.741	30.8	8.95	7.9	8.5	1.585
336	12/17/2007 00:46:00	8.43	47.757	30.81	8.95	7.89	6.8	1.644
337	12/17/2007 01:01:00	8.43	47.921	30.93	8.93	7.89	7.3	1.73
338	12/17/2007 01:16:00	8.39	47.497	30.62	8.98	7.89	6.6	1.805
339	12/17/2007 01:31:00	8.49	48.163	31.11	8.93	7.88	8.4	1.881
340	12/17/2007 01:46:00	8.48	48.068	31.04	8.95	7.88	7.8	1.943
341	12/17/2007 02:01:00	8.5	47.858	30.89	8.97	7.88	8.3	2.038
342	12/17/2007 02:16:00	8.51	48.281	31.2	8.95	7.88	9.5	2.115
343	12/17/2007 02:31:00	8.56	48.467	31.33	8.93	7.88	9.5	2.186
344	12/17/2007 02:46:00	8.59	48.632	31.45	8.91	7.88	9	2.264
345	12/17/2007 03:01:00	8.6	48.714	31.51	8.91	7.88	11.1	2.349
346	12/17/2007 03:16:00	8.61	48.962	31.69	8.89	7.87	11	2.422
347	12/17/2007 03:31:00	8.62	49.114	31.8	8.89	7.87	10.6	2.501
348	12/17/2007 03:46:00	8.63	49.329	31.96	8.9	7.87	9.8	2.581
349	12/17/2007 04:01:00	8.65	49.477	32.06	8.89	7.87	9.8	2.671

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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
350	12/17/2007 04:16:00	8.66	49.748	32.26	8.92	7.87	8.7	2.751
351	12/17/2007 04:31:00	8.66	50.002	32.44	8.94	7.87	8.3	2.806
352	12/17/2007 04:46:00	8.66	50.094	32.51	8.91	7.87	8.9	2.857
353	12/17/2007 05:01:00	8.66	50.244	32.62	8.91	7.87	12	2.925
354	12/17/2007 05:16:00	8.65	50.237	32.61	8.9	7.87	4.2	2.966
355	12/17/2007 05:31:00	8.64	50.215	32.59	8.84	7.86	3.4	2.992
356	12/17/2007 05:46:00	8.63	49.923	32.38	8.86	7.87	5.9	2.998
357	12/17/2007 06:01:00	8.64	50.269	32.63	8.86	7.86	11.1	3.003
358	12/17/2007 06:16:00	8.64	50.385	32.72	8.88	7.86	7.9	2.969
359	12/17/2007 06:31:00	8.61	50.08	32.49	8.83	7.86	6.2	2.925
360	12/17/2007 06:46:00	8.57	49.49	32.07	8.8	7.86	7	2.89
361	12/17/2007 07:01:00	8.5	49.081	31.77	8.78	7.86	7.2	2.814
362	12/17/2007 07:16:00	8.55	49.074	31.77	8.76	7.87	9.4	2.739
363	12/17/2007 07:31:00	8.54	49.186	31.85	8.76	7.87	8.5	2.663
364	12/17/2007 07:46:00	8.54	48.797	31.57	8.73	7.86	6.5	2.573
365	12/17/2007 08:01:00	8.53	48.943	31.67	8.69	7.86	7.1	2.512
366	12/17/2007 08:16:00	8.5	48.942	31.67	8.68	7.86	5.4	2.437
367	12/17/2007 08:31:00	8.52	48.976	31.69	8.7	7.87	5.9	2.341
368	12/17/2007 08:46:00	8.52	48.776	31.55	8.72	7.87	5	2.268
369	12/17/2007 09:01:00	8.5	48.86	31.61	8.76	7.87	5.9	2.215
370	12/17/2007 09:16:00	8.48	48.74	31.52	8.78	7.89	6	2.133
371	12/17/2007 09:31:00	8.45	48.567	31.39	8.78	7.89	5.9	2.054
372	12/17/2007 09:46:00	8.4	48.098	31.05	8.81	7.89	5.7	1.979
373	12/17/2007 10:01:00	8.36	48.039	31.01	8.78	7.89	5.2	1.951
374	12/17/2007 10:16:00	8.31	47.819	30.85	8.78	7.89	5.3	1.861
375	12/17/2007 10:31:00	8.31	47.775	30.82	8.81	7.89	5.3	1.805
376	12/17/2007 10:46:00	8.29	47.799	30.83	8.8	7.89	4.2	1.768
377	12/17/2007 11:01:00	8.3	47.809	30.84	8.82	7.9	4.8	1.723
378	12/17/2007 11:16:00	8.28	47.642	30.72	8.8	7.89	4.2	1.678
379	12/17/2007 11:31:00	8.25	47.425	30.56	8.75	7.89	3.1	1.664
380	12/17/2007 11:46:00	8.28	47.382	30.53	8.65	7.88	2.5	1.632
381	12/17/2007 12:01:00	8.33	47.862	30.88	8.69	7.89	4.2	1.674
382	12/17/2007 12:16:00	8.33	47.703	30.77	8.73	7.89	4	1.643
383	12/17/2007 12:31:00	8.35	47.782	30.82	8.7	7.89	3.5	1.654
384	12/17/2007 12:46:00	8.36	47.982	30.97	8.68	7.89	5.1	1.708
385	12/17/2007 13:01:00	8.38	47.908	30.92	8.7	7.89	4.1	1.719
386	12/17/2007 13:16:00	8.35	47.703	30.77	8.76	7.89	4.8	1.809
387	12/17/2007 13:31:00	8.34	47.769	30.81	8.7	7.89	4.7	1.866
388	12/17/2007 13:46:00	8.33	47.767	30.81	8.67	7.89	4.5	1.909
389	12/17/2007 14:01:00	8.38	48.099	31.05	8.63	7.89	4.3	1.959
390	12/17/2007 14:16:00	8.4	48.038	31.01	8.63	7.89	4.4	2.011
391	12/17/2007 14:31:00	8.43	48.32	31.22	8.59	7.89	4.3	2.052
392	12/17/2007 14:46:00	8.47	48.574	31.4	8.56	7.89	3.4	2.094
393	12/17/2007 15:01:00	8.5	48.607	31.43	8.59	7.89	4.1	2.154
394	12/17/2007 15:16:00	8.53	48.567	31.4	8.6	7.89	3.6	2.185
395	12/17/2007 15:31:00	8.55	48.498	31.35	8.61	7.89	3.3	2.227
396	12/17/2007 15:46:00	8.56	48.534	31.38	8.61	7.9	3.2	2.276
397	12/17/2007 16:01:00	8.57	48.777	31.55	8.61	7.9	3.6	2.315
398	12/17/2007 16:16:00	8.56	48.759	31.54	8.57	7.89	3	2.343
399	12/17/2007 16:31:00	8.57	48.964	31.69	8.54	7.89	2.8	2.38

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
400	12/17/2007 16:46:00	8.57	49.17	31.84	8.53	7.89	4.4	2.424
401	12/17/2007 17:01:00	8.57	49.038	31.74	8.51	7.89	2.3	2.458
402	12/17/2007 17:16:00	8.58	49.195	31.86	8.43	7.88	0.9	2.447
403	12/17/2007 17:31:00	8.58	49.026	31.73	8.36	7.88	0.8	2.493
404	12/17/2007 17:46:00	8.59	49.288	31.92	8.5	7.87	2.6	2.493
405	12/17/2007 18:01:00	8.57	48.751	31.54	8.51	7.89	2.2	2.485
406	12/17/2007 18:16:00	8.58	48.519	31.37	8.52	7.89	3.6	2.439
407	12/17/2007 18:31:00	8.57	48.729	31.52	8.51	7.89	2.1	2.409
408	12/17/2007 18:46:00	8.55	48.649	31.46	8.53	7.89	3.7	2.364
409	12/17/2007 19:01:00	8.51	48.602	31.42	8.54	7.89	4.8	2.277
410	12/17/2007 19:16:00	8.51	48.602	31.42	8.51	7.89	3.4	2.255
411	12/17/2007 19:31:00	8.48	48.63	31.44	8.53	7.89	3.9	2.188
412	12/17/2007 19:46:00	8.47	48.353	31.24	8.56	7.89	5.8	2.126
413	12/17/2007 20:01:00	8.47	48.424	31.29	8.56	7.9	6.3	2.032
414	12/17/2007 20:16:00	8.49	48.288	31.2	8.6	7.9	8.9	1.964
415	12/17/2007 20:31:00	8.48	48.242	31.16	8.61	7.9	9.7	1.913
416	12/17/2007 20:46:00	8.47	48.157	31.1	8.63	7.91	12.9	1.816
417	12/17/2007 21:01:00	8.44	48.085	31.05	8.61	7.9	11.8	1.757
418	12/17/2007 21:16:00	8.4	47.966	30.96	8.63	7.9	13.6	1.668
419	12/17/2007 21:31:00	8.37	47.751	30.8	8.64	7.9	15.3	1.595
420	12/17/2007 21:46:00	8.36	47.868	30.89	8.65	7.9	16.7	1.535
421	12/17/2007 22:01:00	8.35	47.77	30.82	8.66	7.91	14.5	1.445
422	12/17/2007 22:16:00	8.34	47.741	30.79	8.65	7.91	13.1	1.429
423	12/17/2007 22:31:00	8.34	47.68	30.75	8.54	7.9	5.3	1.399
424	12/17/2007 22:46:00	8.34	47.743	30.8	8.42	7.89	7.8	1.373
425	12/17/2007 23:01:00	8.34	47.705	30.77	8.59	7.91	10.7	1.373
426	12/17/2007 23:16:00	8.35	47.742	30.8	8.6	7.91	11.4	1.396
427	12/17/2007 23:31:00	8.37	47.767	30.82	8.59	7.9	10.1	1.41
428	12/17/2007 23:46:00	8.37	47.819	30.85	8.57	7.9	10.3	1.4
429	12/18/2007 00:01:00	8.4	47.92	30.93	8.56	7.9	9.8	1.454
430	12/18/2007 00:16:00	8.37	47.67	30.75	8.58	7.9	10.3	1.505
431	12/18/2007 00:31:00	8.36	47.615	30.71	8.56	7.89	8.7	1.548
432	12/18/2007 00:46:00	8.37	47.62	30.71	8.55	7.89	8.4	1.616
433	12/18/2007 01:01:00	8.41	47.962	30.96	8.54	7.9	9	1.67
434	12/18/2007 01:16:00	8.44	47.976	30.97	8.53	7.9	8.9	1.725
435	12/18/2007 01:31:00	8.46	48.185	31.12	8.52	7.9	9.5	1.792
436	12/18/2007 01:46:00	8.48	48.277	31.19	8.5	7.9	8.3	1.852
437	12/18/2007 02:01:00	8.48	48.5	31.35	8.52	7.9	10	1.948
438	12/18/2007 02:16:00	8.48	48.389	31.27	8.52	7.9	10.3	2.006
439	12/18/2007 02:31:00	8.48	48.378	31.26	8.5	7.9	10.1	2.099
440	12/18/2007 02:46:00	8.49	48.526	31.37	8.48	7.9	10.6	2.168
441	12/18/2007 03:01:00	8.51	48.589	31.42	8.47	7.9	12	2.242
442	12/18/2007 03:16:00	8.54	48.935	31.67	8.45	7.9	13.9	2.331
443	12/18/2007 03:31:00	8.56	49.097	31.78	8.45	7.9	16.1	2.423
444	12/18/2007 03:46:00	8.58	49.278	31.92	8.46	7.9	18.8	2.49
445	12/18/2007 04:01:00	8.6	49.462	32.05	8.46	7.9	15.1	2.584
446	12/18/2007 04:16:00	8.62	49.771	32.27	8.47	7.9	14.7	2.682
447	12/18/2007 04:31:00	8.63	49.96	32.41	8.47	7.9	14.8	2.779
448	12/18/2007 04:46:00	8.67	50.37	32.71	8.5	7.9	13.6	2.853
449	12/18/2007 05:01:00	8.71	49.951	32.41	8.52	7.9	10.5	2.926

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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
450	12/18/2007 05:16:00	8.75	50.011	32.46	8.52	7.88	9.6	3.015
451	12/18/2007 05:31:00	8.82	50.692	32.95	8.48	7.88	9.4	3.057
452	12/18/2007 05:46:00	8.83	50.676	32.94	8.43	7.87	5.6	3.117
453	12/18/2007 06:01:00	8.85	50.804	33.04	8.41	7.87	4.2	3.158
454	12/18/2007 06:16:00	8.86	50.774	33.02	8.36	7.87	4.6	3.209
455	12/18/2007 06:31:00	8.81	50.041	32.48	8.41	7.87	9.2	3.173
456	12/18/2007 06:46:00	8.88	50.761	33.01	8.39	7.87	7.5	3.191
457	12/18/2007 07:01:00	8.87	50.84	33.06	8.31	7.87	9.3	3.181
458	12/18/2007 07:16:00	8.8	50.44	32.77	8.35	7.87	11.4	3.123
459	12/18/2007 07:31:00	8.7	49.553	32.12	8.41	7.9	11.2	3.074
460	12/18/2007 07:46:00	8.67	49.196	31.86	8.42	7.9	8.1	3.031
461	12/18/2007 08:01:00	8.7	49.482	32.07	8.4	7.9	7.9	2.932
462	12/18/2007 08:16:00	8.69	49.923	32.39	8.41	7.9	12.3	2.862
463	12/18/2007 08:31:00	8.66	49.647	32.19	8.38	7.9	9.1	2.775
464	12/18/2007 08:46:00	8.66	49.379	31.99	8.38	7.89	7.7	2.664
465	12/18/2007 09:01:00	8.65	49.389	32	8.33	7.89	7.2	2.597
466	12/18/2007 09:16:00	8.65	49.232	31.89	8.37	7.89	9.8	2.512
467	12/18/2007 09:31:00	8.64	48.946	31.68	8.42	7.9	9.7	2.394
468	12/18/2007 09:46:00	8.63	48.657	31.47	8.45	7.9	10.4	2.319
469	12/18/2007 10:01:00	8.64	48.358	31.26	8.46	7.9	9.2	2.249
470	12/18/2007 10:16:00	8.69	48.641	31.47	8.49	7.91	7.9	2.13
471	12/18/2007 10:31:00	8.72	48.593	31.43	8.5	7.91	8.1	2.049
472	12/18/2007 10:46:00	8.72	48.341	31.25	8.51	7.91	8.4	1.981
473	12/18/2007 11:01:00	8.75	48.205	31.16	8.51	7.91	8.1	1.881
474	12/18/2007 11:16:00	8.75	48.092	31.08	8.51	7.91	9.5	1.797
475	12/18/2007 11:31:00	8.79	47.832	30.9	8.54	7.92	8.9	1.713
476	12/18/2007 11:46:00	8.81	47.772	30.85	8.54	7.92	9.5	1.641
477	12/18/2007 12:01:00	8.86	47.96	30.99	8.58	7.93	9	1.591
478	12/18/2007 12:16:00	8.81	47.743	30.83	8.47	7.92	8.7	1.523
479	12/18/2007 12:31:00	8.81	47.531	30.68	8.45	7.92	7.4	1.472
480	12/18/2007 12:46:00	8.83	47.734	30.83	8.39	7.91	6.8	1.45
481	12/18/2007 13:01:00	8.87	47.603	30.74	8.36	7.91	7.1	1.433
482	12/18/2007 13:16:00	8.84	47.646	30.77	8.29	7.9	6.2	1.456
483	12/18/2007 13:31:00	8.84	47.693	30.8	8.36	7.91	11.2	1.467
484	12/18/2007 13:46:00	8.85	47.622	30.75	8.36	7.91	12.8	1.506
485	12/18/2007 14:01:00	8.82	47.746	30.84	8.35	7.9	11	1.557
486	12/18/2007 14:16:00	8.87	47.154	30.42	8.39	7.9	11.4	1.594
487	12/18/2007 14:31:00	8.85	46.846	30.19	8.4	7.9	9.5	1.655
488	12/18/2007 14:46:00	8.87	46.632	30.04	8.38	7.89	8.4	1.699
489	12/18/2007 15:01:00	8.78	47.469	30.64	8.34	7.9	8.1	1.77
490	12/18/2007 15:16:00	8.81	47.302	30.52	8.34	7.9	8.1	1.835
491	12/18/2007 15:31:00	8.78	47.675	30.78	8.32	7.9	7.3	1.891
492	12/18/2007 15:46:00	8.75	47.889	30.93	8.29	7.9	7.8	1.959
493	12/18/2007 16:01:00	8.75	47.823	30.89	8.27	7.89	6.8	2.014
494	12/18/2007 16:16:00	8.74	47.946	30.97	8.26	7.89	6.8	2.072
495	12/18/2007 16:31:00	8.76	48.06	31.06	8.27	7.9	6.9	2.12
496	12/18/2007 16:46:00	8.75	48.233	31.18	8.27	7.9	6.5	2.16
497	12/18/2007 17:01:00	8.74	48.32	31.24	8.25	7.9	6.2	2.207
498	12/18/2007 17:16:00	8.73	48.399	31.3	8.23	7.9	7	2.246
499	12/18/2007 17:31:00	8.71	48.411	31.3	8.23	7.9	5.4	2.298

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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
500	12/18/2007 17:46:00	8.7	48.527	31.39	8.22	7.9	9	2.336
501	12/18/2007 18:01:00	8.7	48.329	31.24	8.22	7.89	5.1	2.372
502	12/18/2007 18:16:00	8.71	48.387	31.29	8.2	7.9	5.9	2.415
503	12/18/2007 18:31:00	8.73	48.413	31.31	8.18	7.9	4.3	2.433
504	12/18/2007 18:46:00	8.73	48.342	31.26	8.16	7.89	4.2	2.438
505	12/18/2007 19:01:00	8.71	48.477	31.35	8.11	7.89	7.1	2.455
506	12/18/2007 19:16:00	8.71	48.519	31.38	8.1	7.89	5	2.448
507	12/18/2007 19:31:00	8.72	48.394	31.29	8.09	7.89	4.9	2.436
508	12/18/2007 19:46:00	8.72	48.126	31.1	8.08	7.89	5.4	2.399
509	12/18/2007 20:01:00	8.67	48.078	31.06	8.11	7.89	6.8	2.354
510	12/18/2007 20:16:00	8.7	47.917	30.95	8.1	7.89	6.8	2.318
511	12/18/2007 20:31:00	8.72	48.183	31.14	8.08	7.89	6.7	2.242
512	12/18/2007 20:46:00	8.75	48.213	31.16	8.09	7.89	5.9	2.19
513	12/18/2007 21:01:00	8.77	47.835	30.9	8.1	7.9	7.2	2.119
514	12/18/2007 21:16:00	8.76	47.874	30.92	8.08	7.89	5.1	2.041
515	12/18/2007 21:31:00	8.76	47.707	30.8	8.12	7.9	6.1	1.996
516	12/18/2007 21:46:00	8.76	47.593	30.72	8.14	7.9	7.9	1.945
517	12/18/2007 22:01:00	8.78	47.752	30.84	8.11	7.91	6.7	1.87
518	12/18/2007 22:16:00	8.7	47.691	30.79	8.12	7.9	7.3	1.816
519	12/18/2007 22:31:00	8.66	47.689	30.78	8.12	7.9	7.5	1.782
520	12/18/2007 22:46:00	8.65	46.983	30.28	8.14	7.9	22.8	1.7
521	12/18/2007 23:01:00	8.64	47.246	30.46	8.13	7.9	7.6	1.661
522	12/18/2007 23:16:00	8.64	47.152	30.4	8.08	7.9	3.9	1.651
523	12/18/2007 23:31:00	8.63	47.253	30.47	8.08	7.9	4	1.602
524	12/18/2007 23:46:00	8.63	47.425	30.59	7.9	7.88	2.8	1.578
525	12/19/2007 00:01:00	8.64	47.342	30.53	7.86	7.89	4.3	1.601
526	12/19/2007 00:16:00	8.66	47.532	30.67	8.02	7.89	3.7	1.595
527	12/19/2007 00:31:00	8.62	47.528	30.66	8.04	7.89	4.8	1.589
528	12/19/2007 00:46:00	8.67	47.527	30.67	8.05	7.9	3.6	1.631
529	12/19/2007 01:01:00	8.66	47.539	30.68	8.1	7.9	7.2	1.684
530	12/19/2007 01:16:00	8.69	47.542	30.68	8.09	7.9	7.9	1.722
531	12/19/2007 01:31:00	8.7	47.363	30.55	8.1	7.9	7.3	1.78
532	12/19/2007 01:46:00	8.72	47.425	30.6	8.11	7.9	8.1	1.846
533	12/19/2007 02:01:00	8.73	47.648	30.76	8.1	7.9	7.6	1.918
534	12/19/2007 02:16:00	8.73	47.571	30.7	8.11	7.9	7.9	1.977
535	12/19/2007 02:31:00	8.73	47.491	30.65	8.11	7.89	7.8	2.026
536	12/19/2007 02:46:00	8.72	47.886	30.93	8.09	7.89	7.6	2.12
537	12/19/2007 03:01:00	8.71	48.021	31.02	8.1	7.89	8.9	2.187
538	12/19/2007 03:16:00	8.7	47.939	30.96	8.12	7.89	9.4	2.25
539	12/19/2007 03:31:00	8.68	48.009	31.01	8.14	7.89	8.3	2.332
540	12/19/2007 03:46:00	8.68	48.029	31.03	8.14	7.89	8.7	2.411
541	12/19/2007 04:01:00	8.71	48.455	31.34	8.13	7.9	11.2	2.504
542	12/19/2007 04:16:00	8.71	48.552	31.4	8.13	7.9	11.6	2.574
543	12/19/2007 04:31:00	8.72	48.534	31.39	8.15	7.9	14.3	2.678
544	12/19/2007 04:46:00	8.75	48.882	31.64	8.16	7.9	17.5	2.758
545	12/19/2007 05:01:00	8.78	49.092	31.8	8.17	7.9	18.4	2.848
546	12/19/2007 05:16:00	8.82	49.423	32.04	8.17	7.9	15.1	2.937
547	12/19/2007 05:31:00	8.88	49.604	32.17	8.19	7.9	14.7	3.028
548	12/19/2007 05:46:00	8.92	49.834	32.34	8.2	7.91	14.9	3.089
549	12/19/2007 06:01:00	8.99	49.975	32.45	8.22	7.91	9.6	3.172

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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
550	12/19/2007 06:16:00	9.01	49.739	32.28	8.22	7.92	10.8	3.241
551	12/19/2007 06:31:00	9.02	50.019	32.48	8.2	7.91	5.7	3.281
552	12/19/2007 06:46:00	9.03	50.143	32.57	8.17	7.91	4.1	3.315
553	12/19/2007 07:01:00	9.05	50.285	32.68	8.07	7.91	3.4	3.333
554	12/19/2007 07:16:00	9.01	50.034	32.49	8.15	7.91	10.8	3.349
555	12/19/2007 07:31:00	9.03	50.186	32.6	8.15	7.92	8.3	3.325
556	12/19/2007 07:46:00	9.05	50.275	32.67	8.19	7.92	8.4	3.288
557	12/19/2007 08:01:00	8.82	49.117	31.82	8.07	7.9	6.5	3.24
558	12/19/2007 08:16:00	8.76	49.017	31.74	8.13	7.9	7	3.169
559	12/19/2007 08:31:00	8.78	49.294	31.94	8.09	7.9	8	3.074
560	12/19/2007 08:46:00	8.71	48.585	31.43	8.1	7.89	7.3	2.988
561	12/19/2007 09:01:00	8.74	48.59	31.43	8.15	7.9	11.6	2.892
562	12/19/2007 09:16:00	8.7	48.341	31.25	8.14	7.89	8.4	2.803
563	12/19/2007 09:31:00	8.66	48.096	31.07	8.17	7.89	9.8	2.684
564	12/19/2007 09:46:00	8.68	48.041	31.04	8.16	7.89	8.8	2.587
565	12/19/2007 10:01:00	8.66	47.87	30.91	8.17	7.89	7.2	2.496
566	12/19/2007 10:16:00	8.65	47.83	30.88	8.16	7.89	7.5	2.387
567	12/19/2007 10:31:00	8.66	47.767	30.84	8.16	7.89	7.9	2.272
568	12/19/2007 10:46:00	8.65	47.522	30.66	8.15	7.89	9.7	2.169
569	12/19/2007 11:01:00	8.66	47.436	30.6	8.16	7.89	8.2	2.058
570	12/19/2007 11:16:00	8.69	47.745	30.82	8.19	7.9	9.2	1.949
571	12/19/2007 11:31:00	8.66	47.163	30.41	8.19	7.9	7.9	1.825
572	12/19/2007 11:46:00	8.7	47.399	30.58	8.23	7.91	7.5	1.727
573	12/19/2007 12:01:00	8.68	47.261	30.48	8.26	7.91	7.5	1.618
574	12/19/2007 12:16:00	8.67	46.901	30.22	8.27	7.91	7.9	1.507
575	12/19/2007 12:31:00	8.66	46.996	30.29	8.26	7.91	7.6	1.41
576	12/19/2007 12:46:00	8.66	46.914	30.23	8.26	7.91	8.3	1.31
577	12/19/2007 13:01:00	8.66	46.886	30.21	8.23	7.91	9.6	1.247
578	12/19/2007 13:16:00	8.65	46.719	30.09	8.24	7.91	10.4	1.187
579	12/19/2007 13:31:00	8.65	46.863	30.19	8.18	7.9	8.6	1.136
580	12/19/2007 13:46:00	8.65	46.873	30.2	8.13	7.9	3.8	1.127
581	12/19/2007 14:01:00	8.65	46.76	30.12	8.16	7.9	4.7	1.125
582	12/19/2007 14:16:00	8.65	46.718	30.09	8.22	7.9	8.4	1.143
583	12/19/2007 14:31:00	8.66	46.572	29.98	8.23	7.9	8.1	1.156
584	12/19/2007 14:46:00	8.66	46.634	30.03	8.2	7.9	8.4	1.213
585	12/19/2007 15:01:00	8.65	46.03	29.6	8.22	7.89	10	1.282
586	12/19/2007 15:16:00	8.65	45.728	29.38	8.22	7.89	8.3	1.343
587	12/19/2007 15:31:00	8.65	45.736	29.39	8.22	7.86	7.7	1.421
588	12/19/2007 15:46:00	8.65	45.8	29.44	8.22	7.86	7.9	1.502
589	12/19/2007 16:01:00	8.65	45.52	29.24	8.21	7.85	7.2	1.562
590	12/19/2007 16:16:00	8.65	45.315	29.09	8.22	7.85	7.9	1.636
591	12/19/2007 16:31:00	8.66	45.978	29.56	8.18	7.88	8	1.714
592	12/19/2007 16:46:00	8.67	46.045	29.61	8.21	7.89	6.4	1.779
593	12/19/2007 17:01:00	8.66	45.336	29.11	8.26	7.89	6.8	1.841
594	12/19/2007 17:16:00	8.67	46.248	29.76	8.22	7.89	6.6	1.911
595	12/19/2007 17:31:00	8.67	47.248	30.47	8.17	7.89	8.4	1.99
596	12/19/2007 17:46:00	8.66	47.411	30.58	8.17	7.89	9	2.049
597	12/19/2007 18:01:00	8.66	47.132	30.39	8.19	7.89	8.1	2.111
598	12/19/2007 18:16:00	8.66	47.227	30.45	8.19	7.89	7.5	2.183
599	12/19/2007 18:31:00	8.68	47.371	30.56	8.19	7.89	8.5	2.256

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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
600	12/19/2007 18:46:00	8.69	47.555	30.69	8.18	7.89	7.8	2.29
601	12/19/2007 19:01:00	8.7	47.706	30.8	8.17	7.89	6.2	2.355
602	12/19/2007 19:16:00	8.72	47.844	30.9	8.18	7.89	6.8	2.419
603	12/19/2007 19:31:00	8.73	47.807	30.87	8.18	7.89	6.4	2.448
604	12/19/2007 19:46:00	8.75	47.936	30.97	8.17	7.89	5	2.495
605	12/19/2007 20:01:00	8.75	47.894	30.94	8.16	7.89	5.2	2.534
606	12/19/2007 20:16:00	8.76	47.911	30.95	8.07	7.89	1.1	2.547
607	12/19/2007 20:31:00	8.77	48.019	31.03	7.9	7.87	1.2	2.568
608	12/19/2007 20:46:00	8.78	48.026	31.03	8.15	7.89	5.2	2.556
609	12/19/2007 21:01:00	8.78	48.152	31.12	8.05	7.89	4.9	2.518
610	12/19/2007 21:16:00	8.77	48.173	31.14	8.16	7.89	5.9	2.504
611	12/19/2007 21:31:00	8.74	47.596	30.72	8.15	7.89	5.5	2.467
612	12/19/2007 21:46:00	8.7	47.254	30.47	8.13	7.88	6.3	2.407
613	12/19/2007 22:01:00	8.71	47.45	30.62	8.15	7.89	7.9	2.349
614	12/19/2007 22:16:00	8.7	46.63	30.03	8.14	7.88	7.9	2.305
615	12/19/2007 22:31:00	8.69	47.219	30.45	8.04	7.88	6.8	2.233
616	12/19/2007 22:46:00	8.68	47.064	30.34	8.06	7.88	6.5	2.174
617	12/19/2007 23:01:00	8.68	47.189	30.43	8.11	7.88	7	2.123
618	12/19/2007 23:16:00	8.67	46.938	30.25	8.13	7.88	7.5	2.096
619	12/19/2007 23:31:00	8.67	46.974	30.27	8.16	7.88	7.6	2.048
620	12/19/2007 23:46:00	8.67	46.82	30.16	8.18	7.88	5.9	2.001
621	12/20/2007 00:01:00	8.67	46.62	30.02	8.2	7.88	7.6	1.958
622	12/20/2007 00:16:00	8.67	46.513	29.94	8.14	7.87	6.7	1.934
623	12/20/2007 00:31:00	8.67	46.462	29.91	8.03	7.87	6.4	1.887
624	12/20/2007 00:46:00	8.67	46.566	29.98	7.98	7.86	3.9	1.884
625	12/20/2007 01:01:00	8.67	46.678	30.06	7.81	7.85	3.6	1.863
626	12/20/2007 01:16:00	8.67	46.627	30.03	7.82	7.85	2.5	1.824
627	12/20/2007 01:31:00	8.66	46.186	29.71	8.07	7.87	7.2	1.853
628	12/20/2007 01:46:00	8.65	46.6	30.01	8.17	7.84	12.3	1.88
629	12/20/2007 02:01:00	8.66	46.591	30	8.13	7.88	9.5	1.878
630	12/20/2007 02:16:00	8.64	46.43	29.88	8.18	7.84	9.5	1.929
631	12/20/2007 02:31:00	8.63	46.335	29.81	8.21	7.85	9.7	1.996
632	12/20/2007 02:46:00	8.64	45.787	29.43	8.25	7.84	10.4	2.043
633	12/20/2007 03:01:00	8.67	46.401	29.86	8.22	7.84	10.6	2.114
634	12/20/2007 03:16:00	8.69	46.991	30.29	8.2	7.88	10.9	2.176
635	12/20/2007 03:31:00	8.7	47.127	30.38	8.19	7.88	9.7	2.252
636	12/20/2007 03:46:00	8.71	47.316	30.52	8.19	7.88	9.4	2.327
637	12/20/2007 04:01:00	8.74	47.557	30.69	8.2	7.89	11.9	2.399
638	12/20/2007 04:16:00	8.76	47.763	30.84	8.22	7.89	11.9	2.5
639	12/20/2007 04:31:00	8.77	47.125	30.39	8.26	7.89	11.2	2.572
640	12/20/2007 04:46:00	8.8	48.087	31.08	8.25	7.9	11.4	2.654
641	12/20/2007 05:01:00	8.83	47.726	30.82	8.26	7.9	14.3	2.761
642	12/20/2007 05:16:00	8.88	48.227	31.18	8.25	7.9	18.5	2.836
643	12/20/2007 05:31:00	8.93	48.256	31.21	8.27	7.91	20	2.927
644	12/20/2007 05:46:00	9	47.968	31.01	8.29	7.92	17.3	3.019
645	12/20/2007 06:01:00	9.02	47.974	31.01	8.29	7.92	84.2	3.134
646	12/20/2007 06:16:00	9.02	48.92	31.69	8.26	7.92	14.2	3.184
647	12/20/2007 06:31:00	9.06	48.261	31.22	8.28	7.93	10	3.273
648	12/20/2007 06:46:00	9.14	48.876	31.67	8.25	7.93	10.9	3.355
649	12/20/2007 07:01:00	9.07	49.103	31.83	8.23	7.93	12	3.394

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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
650	12/20/2007 07:16:00	9.16	48.896	31.69	8.19	7.94	4.3	3.433
651	12/20/2007 07:31:00	9.17	48.866	31.66	8.2	7.94	5.3	3.463
652	12/20/2007 07:46:00	9.01	48.295	31.24	8.19	7.92	6	3.466
653	12/20/2007 08:01:00	9.15	49.014	31.77	8.19	7.93	9.5	3.497
654	12/20/2007 08:16:00	9.2	48.983	31.75	8.25	7.94	8.6	3.469
655	12/20/2007 08:31:00	9.18	48.847	31.65	8.23	7.94	9.2	3.413
656	12/20/2007 08:46:00	8.72	47.454	30.62	8.34	7.91	9.2	3.349
657	12/20/2007 09:01:00	8.71	48.187	31.14	8.29	7.91	8.3	3.303
658	12/20/2007 09:16:00	8.54	46.522	29.94	8.34	7.86	8.8	3.206
659	12/20/2007 09:31:00	8.47	46.758	30.1	8.35	7.86	7.3	3.092
660	12/20/2007 09:46:00	8.53	45.673	29.34	8.39	7.86	8.5	3.017
661	12/20/2007 10:01:00	8.63	46.803	30.15	8.33	7.86	8.5	2.909
662	12/20/2007 10:16:00	8.64	46.879	30.2	8.32	7.86	10.7	2.801
663	12/20/2007 10:31:00	8.53	45.993	29.56	8.35	7.86	9.7	2.681
664	12/20/2007 10:46:00	8.59	46.185	29.7	8.37	7.86	9.2	2.578
665	12/20/2007 11:01:00	8.61	46.628	30.02	8.35	7.86	10.6	2.461
666	12/20/2007 11:16:00	8.64	46.419	29.88	8.41	7.86	8.7	2.328
667	12/20/2007 11:31:00	8.69	46.832	30.17	8.44	7.87	9.4	2.201
668	12/20/2007 11:46:00	8.77	45.666	29.35	8.57	7.88	7.9	2.073
669	12/20/2007 12:01:00	8.79	46.557	29.98	8.58	7.89	7.3	1.943
670	12/20/2007 12:16:00	8.72	46.433	29.89	8.45	7.87	15.7	1.791
671	12/20/2007 12:31:00	8.75	46.434	29.89	8.44	7.87	13.6	1.656
672	12/20/2007 12:46:00	8.86	46.391	29.87	8.61	7.89	13.2	1.524
673	12/20/2007 13:01:00	8.89	46.32	29.82	8.69	7.9	12.5	1.383
674	12/20/2007 13:16:00	8.86	46.253	29.77	8.59	7.89	11.7	1.251
675	12/20/2007 13:31:00	8.8	45.998	29.59	8.56	7.88	11.5	1.127
676	12/20/2007 13:46:00	8.79	46.166	29.71	8.47	7.87	11	1.005
677	12/20/2007 14:01:00	8.79	46.089	29.65	8.45	7.87	10	0.937
678	12/20/2007 14:16:00	8.81	45.904	29.52	8.48	7.87	11.2	0.861
679	12/20/2007 14:31:00	8.8	45.873	29.5	8.48	7.88	9.5	0.816
680	12/20/2007 14:46:00	8.78	45.673	29.35	8.46	7.87	7.7	0.819
681	12/20/2007 15:01:00	8.81	45.882	29.51	8.51	7.88	9.3	0.836
682	12/20/2007 15:16:00	8.77	45.706	29.38	8.48	7.87	7.1	0.875
683	12/20/2007 15:31:00	8.77	45.686	29.36	8.48	7.87	9.1	0.92
684	12/20/2007 15:46:00	8.77	45.266	29.06	8.51	7.87	8.4	0.965
685	12/20/2007 16:01:00	8.75	45.464	29.2	8.48	7.87	8.1	1.039
686	12/20/2007 16:16:00	8.76	44.971	28.85	8.48	7.86	7.6	1.107
687	12/20/2007 16:31:00	8.74	45.083	28.93	8.45	7.86	9.1	1.214
688	12/20/2007 16:46:00	8.74	44.599	28.59	8.42	7.85	10.7	1.251
689	12/20/2007 17:01:00	8.75	44.717	28.67	8.45	7.85	9.8	1.354
690	12/20/2007 17:16:00	8.75	45.121	28.96	8.44	7.85	8.9	1.423
691	12/20/2007 17:31:00	8.75	44.753	28.7	8.44	7.85	10.1	1.525
692	12/20/2007 17:46:00	8.73	44.27	28.36	8.45	7.85	8.6	1.595
693	12/20/2007 18:01:00	8.72	44.344	28.41	8.45	7.84	9.6	1.676
694	12/20/2007 18:16:00	8.72	44.086	28.22	8.45	7.84	8.6	1.745
695	12/20/2007 18:31:00	8.7	44.89	28.79	8.43	7.85	9.3	1.87
696	12/20/2007 18:46:00	8.68	45.678	29.35	8.39	7.85	9.8	1.94
697	12/20/2007 19:01:00	8.69	45.023	28.89	8.42	7.85	9.5	2.052
698	12/20/2007 19:16:00	8.69	45.194	29.01	8.41	7.85	9.7	2.099
699	12/20/2007 19:31:00	8.69	46.315	29.8	8.37	7.85	10	2.189

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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
700	12/20/2007 19:46:00	8.7	46.38	29.85	8.36	7.85	9.6	2.238
701	12/20/2007 20:01:00	8.74	45.791	29.44	8.38	7.85	11.4	2.304
702	12/20/2007 20:16:00	8.75	46.211	29.73	8.36	7.85	10.4	2.391
703	12/20/2007 20:31:00	8.76	46.502	29.94	8.36	7.85	9.4	2.43
704	12/20/2007 20:46:00	8.78	46.535	29.97	8.37	7.86	9.4	2.482
705	12/20/2007 21:01:00	8.81	46.521	29.96	8.36	7.86	8.9	2.507
706	12/20/2007 21:16:00	8.82	46.455	29.91	8.35	7.86	5.7	2.553
707	12/20/2007 21:31:00	8.84	46.221	29.75	8.32	7.85	3.4	2.563
708	12/20/2007 21:46:00	8.83	46.641	30.05	8.25	7.85	5.3	2.572
709	12/20/2007 22:01:00	8.82	46.763	30.13	8.28	7.85	3.4	2.576
710	12/20/2007 22:16:00	8.85	46.886	30.22	8.25	7.85	4	2.58
711	12/20/2007 22:31:00	8.84	46.4	29.88	8.35	7.86	7.3	2.544
712	12/20/2007 22:46:00	8.8	46.629	30.04	8.32	7.85	7	2.509
713	12/20/2007 23:01:00	8.77	45.614	29.31	8.34	7.85	7.9	2.481
714	12/20/2007 23:16:00	8.73	45.95	29.55	8.36	7.85	13.9	2.385
715	12/20/2007 23:31:00	8.7	46.006	29.59	8.34	7.85	11.2	2.356
716	12/20/2007 23:46:00	8.66	45.789	29.43	8.33	7.85	9.7	2.275
717	12/21/2007 00:01:00	8.62	45.03	28.89	8.36	7.84	9.9	2.173
718	12/21/2007 00:16:00	8.55	45.539	29.24	8.36	7.84	10.9	2.115
719	12/21/2007 00:31:00	8.43	45.244	29.02	8.41	7.84	9.4	2.067
720	12/21/2007 00:46:00	8.39	44.643	28.6	8.34	7.84	5.1	2.027
721	12/21/2007 01:01:00	8.29	44.509	28.49	8.36	7.86	5	1.978
722	12/21/2007 01:16:00	8.24	45.03	28.86	8.32	7.86	3.1	1.969
723	12/21/2007 01:31:00	8.2	44.443	28.44	8.3	7.85	1.9	1.93
724	12/21/2007 01:46:00	8.19	44.503	28.48	8.21	7.85	2.6	1.906
725	12/21/2007 02:01:00	8.27	44.925	28.79	8.3	7.85	5	1.884
726	12/21/2007 02:16:00	8.26	44.896	28.77	8.38	7.86	4.9	1.874
727	12/21/2007 02:31:00	8.3	44.982	28.83	8.39	7.86	7.8	1.91
728	12/21/2007 02:46:00	8.25	44.836	28.72	8.39	7.86	6.3	1.952
729	12/21/2007 03:01:00	8.37	45.209	28.99	8.4	7.84	9.8	1.99
730	12/21/2007 03:16:00	8.32	44.988	28.83	8.42	7.86	10	2.037
731	12/21/2007 03:31:00	8.36	44.741	28.66	8.44	7.86	9.6	2.112
732	12/21/2007 03:46:00	8.43	44.927	28.8	8.44	7.84	10.1	2.155
733	12/21/2007 04:01:00	8.41	44.113	28.22	8.49	7.87	9.5	2.226
734	12/21/2007 04:16:00	8.48	44.754	28.68	8.49	7.85	11.3	2.315
735	12/21/2007 04:31:00	8.53	44.719	28.66	8.5	7.85	9	2.387
736	12/21/2007 04:46:00	8.57	45.38	29.13	8.53	7.85	11.2	2.445
737	12/21/2007 05:01:00	8.59	44.671	28.63	8.57	7.86	13.2	2.517
738	12/21/2007 05:16:00	8.45	45.524	29.22	8.58	7.86	12.2	2.616
739	12/21/2007 05:31:00	8.59	45.357	29.12	8.6	7.87	12.7	2.704
740	12/21/2007 05:46:00	8.66	45.476	29.21	8.63	7.88	13.9	2.786
741	12/21/2007 06:01:00	9.06	47.344	30.57	8.54	7.89	19.4	2.881
742	12/21/2007 06:16:00	9.1	47.617	30.76	8.52	7.9	102.1	3.002
743	12/21/2007 06:31:00	9.11	47.701	30.82	8.48	7.93	23.3	3.09
744	12/21/2007 06:46:00	9.14	47.985	31.03	8.43	7.94	23.8	3.172
745	12/21/2007 07:01:00	9.14	48.914	31.7	8.39	7.94	21	3.266
746	12/21/2007 07:16:00	9.12	48.684	31.53	8.43	7.94	14.8	3.35
747	12/21/2007 07:31:00	9.1	49.045	31.79	8.48	7.94	13.9	3.43
748	12/21/2007 07:46:00	9.14	48.663	31.52	8.52	7.95	11.9	3.493
749	12/21/2007 08:01:00	9.17	49.226	31.92	8.49	7.94	11	3.557

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
750	12/21/2007 08:16:00	9.22	49.443	32.08	8.47	7.95	6.3	3.593
751	12/21/2007 08:31:00	9.24	49.638	32.23	8.42	7.94	6.7	3.641
752	12/21/2007 08:46:00	9.17	49.327	32	8.48	7.94	7.5	3.643
753	12/21/2007 09:01:00	9.24	49.515	32.14	8.47	7.95	8.2	3.632
754	12/21/2007 09:16:00	9.23	49.001	31.77	8.45	7.95	9	3.606
755	12/21/2007 09:31:00	9.1	48.574	31.45	8.48	7.94	10.6	3.536
756	12/21/2007 09:46:00	8.54	47.427	30.59	8.56	7.88	7.9	3.467
757	12/21/2007 10:01:00	8.89	47.775	30.86	8.51	7.9	10.8	3.371
758	12/21/2007 10:16:00	8.48	46.78	30.12	8.59	7.88	7.5	3.273
759	12/21/2007 10:31:00	8.55	46.619	30.01	8.58	7.87	7.2	3.138
760	12/21/2007 10:46:00	8.63	46.848	30.18	8.54	7.88	14.4	3.023
761	12/21/2007 11:01:00	8.56	46.125	29.66	8.55	7.88	16.9	2.903
762	12/21/2007 11:16:00	8.49	45.466	29.19	8.59	7.87	11.2	2.767
763	12/21/2007 11:31:00	8.44	45.229	29.01	8.62	7.87	8.9	2.635
764	12/21/2007 11:46:00	8.56	46.411	29.86	8.6	7.88	9.1	2.487
765	12/21/2007 12:01:00	8.58	46.126	29.66	8.69	7.88	6.6	2.354
766	12/21/2007 12:16:00	8.66	46.442	29.89	8.7	7.89	6.8	2.224
767	12/21/2007 12:31:00	8.61	45.862	29.48	8.79	7.89	7.7	2.062
768	12/21/2007 12:46:00	8.51	45.62	29.3	8.79	7.9	15.1	1.909
769	12/21/2007 13:01:00	8.61	44.871	28.77	8.88	7.89	10.9	1.758
770	12/21/2007 13:16:00	8.63	45.715	29.37	8.87	7.9	13.8	1.592
771	12/21/2007 13:31:00	8.6	45.549	29.25	8.89	7.9	15.8	1.456
772	12/21/2007 13:46:00	8.58	45.259	29.05	8.92	7.9	13.6	1.263
773	12/21/2007 14:01:00	8.42	45.112	28.93	8.84	7.9	11.6	1.114
774	12/21/2007 14:16:00	8.41	44.941	28.81	8.82	7.9	11.8	0.972
775	12/21/2007 14:31:00	8.38	44.889	28.77	8.83	7.9	12.7	0.844
776	12/21/2007 14:46:00	8.36	44.88	28.76	8.86	7.9	13.9	0.681
777	12/21/2007 15:01:00	8.34	44.627	28.58	8.88	7.92	12.8	0.57
778	12/21/2007 15:16:00	8.33	43.803	28	8.97	7.93	8.7	0.535
779	12/21/2007 15:31:00	8.37	44.562	28.54	8.86	7.91	10.5	0.5
780	12/21/2007 15:46:00	8.34	44.633	28.59	8.9	7.91	7.5	0.536
781	12/21/2007 16:01:00	8.31	44.609	28.57	8.89	7.92	6.5	0.587
782	12/21/2007 16:16:00	8.31	44.125	28.22	8.88	7.91	7	0.685
783	12/21/2007 16:31:00	8.26	43.734	27.94	8.9	7.91	5.9	0.744
784	12/21/2007 16:46:00	8.19	43.557	27.81	8.86	7.9	9.7	0.824
785	12/21/2007 17:01:00	8.25	43.815	28	8.79	7.9	4	0.873
786	12/21/2007 17:16:00	8.26	43.748	27.95	8.83	7.9	5.7	0.924
787	12/21/2007 17:31:00	8.27	44.125	28.22	8.82	7.9	6.1	1.022
788	12/21/2007 17:46:00	8.27	43.767	27.97	8.83	7.89	6.7	1.091
789	12/21/2007 18:01:00	8.29	44.174	28.26	8.78	7.89	7.1	1.163
790	12/21/2007 18:16:00	8.29	43.167	27.55	8.84	7.89	7.6	1.254
791	12/21/2007 18:31:00	8.29	42.951	27.4	8.84	7.88	8.9	1.366
792	12/21/2007 18:46:00	8.29	43.574	27.83	8.78	7.88	8.4	1.435
793	12/21/2007 19:01:00	8.33	43.225	27.59	8.77	7.88	8.5	1.546
794	12/21/2007 19:16:00	8.36	43.954	28.11	8.72	7.88	8.4	1.684
795	12/21/2007 19:31:00	8.39	44.085	28.2	8.68	7.88	11.9	1.787
796	12/21/2007 19:46:00	8.37	44.684	28.62	8.65	7.88	10.8	1.86
797	12/21/2007 20:01:00	8.4	44.431	28.45	8.66	7.88	12.5	1.964
798	12/21/2007 20:16:00	8.42	44.486	28.49	8.66	7.88	13.4	2.071
799	12/21/2007 20:31:00	8.42	45.088	28.91	8.65	7.89	13.6	2.155

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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
800	12/21/2007 20:46:00	8.42	44.567	28.54	8.68	7.89	12	2.242
801	12/21/2007 21:01:00	8.54	44.867	28.77	8.67	7.89	19.9	2.317
802	12/21/2007 21:16:00	8.55	45.32	29.09	8.65	7.89	20.6	2.379
803	12/21/2007 21:31:00	8.57	45.828	29.45	8.67	7.89	18	2.45
804	12/21/2007 21:46:00	8.62	46.482	29.92	8.73	7.88	13.7	2.52
805	12/21/2007 22:01:00	8.66	46.254	29.76	8.77	7.88	11.7	2.568
806	12/21/2007 22:16:00	8.67	46.555	29.97	8.73	7.88	8.4	2.605
807	12/21/2007 22:31:00	8.69	46.295	29.79	8.72	7.88	13.3	2.655
808	12/21/2007 22:46:00	8.73	47.036	30.32	8.68	7.88	5.1	2.686
809	12/21/2007 23:01:00	8.73	47.252	30.48	8.57	7.87	10.6	2.674
810	12/21/2007 23:16:00	8.77	46.623	30.03	8.75	7.89	10.3	2.663
811	12/21/2007 23:31:00	8.74	47.298	30.51	8.73	7.89	7.5	2.637
812	12/21/2007 23:46:00	8.67	46.986	30.28	8.73	7.89	6.4	2.586
813	12/22/2007 00:01:00	8.28	45.874	29.46	8.73	7.9	7.1	2.511
814	12/22/2007 00:16:00	8.27	46.202	29.69	8.66	7.89	11.3	2.461
815	12/22/2007 00:31:00	8.43	46.146	29.66	8.62	7.89	13.9	2.399
816	12/22/2007 00:46:00	8.37	45.945	29.52	8.61	7.89	10.5	2.34
817	12/22/2007 01:01:00	8.3	45.345	29.09	8.59	7.88	9.2	2.267
818	12/22/2007 01:16:00	8.13	45.473	29.16	8.54	7.87	10.6	2.183
819	12/22/2007 01:31:00	7.97	44.723	28.62	8.62	7.87	8	2.136
820	12/22/2007 01:46:00	7.98	44.625	28.55	8.61	7.87	6.4	2.08
821	12/22/2007 02:01:00	7.89	44.997	28.81	8.6	7.87	5.7	2.031
822	12/22/2007 02:16:00	7.82	44.155	28.21	8.65	7.87	6.4	1.961
823	12/22/2007 02:31:00	7.81	43.906	28.03	8.68	7.87	5.1	1.963
824	12/22/2007 02:46:00	7.78	44.596	28.52	8.6	7.86	3.6	1.942
825	12/22/2007 03:01:00	7.89	44.634	28.55	8.45	7.86	5.1	1.91
826	12/22/2007 03:16:00	7.96	44.42	28.41	8.57	7.87	5.6	1.926
827	12/22/2007 03:31:00	7.93	44.106	28.18	8.62	7.87	5.3	1.939
828	12/22/2007 03:46:00	7.92	45.061	28.86	8.61	7.87	6.8	1.987
829	12/22/2007 04:01:00	7.96	44.575	28.52	8.63	7.87	7.8	2.026
830	12/22/2007 04:16:00	7.94	44.894	28.74	8.64	7.87	8.4	2.079
831	12/22/2007 04:31:00	8.04	45.141	28.92	8.64	7.87	7.4	2.155
832	12/22/2007 04:46:00	8.19	45.563	29.23	8.63	7.88	10	2.222
833	12/22/2007 05:01:00	8.28	45.742	29.37	8.67	7.89	7.3	2.296
834	12/22/2007 05:16:00	8.28	45.076	28.89	8.7	7.89	8	2.364
835	12/22/2007 05:31:00	8.26	46.016	29.56	8.7	7.9	7.7	2.433
836	12/22/2007 05:46:00	8.5	46.288	29.77	8.72	7.91	10.8	2.523
837	12/22/2007 06:01:00	8.51	46.798	30.13	8.71	7.91	8.7	2.609
838	12/22/2007 06:16:00	8.58	46.638	30.03	8.71	7.91	8.3	2.67
839	12/22/2007 06:31:00	8.64	46.772	30.13	8.7	7.92	9	2.767
840	12/22/2007 06:46:00	8.73	47.49	30.65	8.67	7.9	12.4	2.866
841	12/22/2007 07:01:00	8.74	47.663	30.77	8.66	7.9	12.9	2.951
842	12/22/2007 07:16:00	8.84	47.981	31.01	8.63	7.91	18.5	3.04
843	12/22/2007 07:31:00	8.9	47.52	30.68	8.63	7.91	14.5	3.143
844	12/22/2007 07:46:00	9	48.57	31.44	8.56	7.92	15.7	3.223
845	12/22/2007 08:01:00	9	47.783	30.88	8.59	7.92	13.4	3.324
846	12/22/2007 08:16:00	9.05	48.056	31.07	8.55	7.92	11.1	3.405
847	12/22/2007 08:31:00	9.04	48.716	31.55	8.53	7.92	8.6	3.479
848	12/22/2007 08:46:00	9.05	48.75	31.57	8.5	7.92	7.2	3.545
849	12/22/2007 09:01:00	9.07	48.013	31.05	8.53	7.92	5	3.597

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
850	12/22/2007 09:16:00	9.09	48.065	31.08	8.5	7.92	4.9	3.653
851	12/22/2007 09:31:00	9.1	48.452	31.36	8.45	7.92	3.1	3.668
852	12/22/2007 09:46:00	9.04	48.077	31.09	8.54	7.92	9.7	3.673
853	12/22/2007 10:01:00	9.07	48.169	31.16	8.55	7.92	7.2	3.671
854	12/22/2007 10:16:00	9.09	49.066	31.8	8.52	7.92	8.2	3.632
855	12/22/2007 10:31:00	8.98	47.651	30.78	8.61	7.92	7.8	3.541
856	12/22/2007 10:46:00	8.87	48.237	31.19	8.61	7.91	7.5	3.462
857	12/22/2007 11:01:00	8.87	47.181	30.44	8.63	7.91	7.8	3.366
858	12/22/2007 11:16:00	8.69	46.909	30.23	8.65	7.9	10.9	3.226
859	12/22/2007 11:31:00	8.49	46.791	30.13	8.67	7.91	11.5	3.089
860	12/22/2007 11:46:00	8.52	46.095	29.64	8.7	7.91	9.4	2.969
861	12/22/2007 12:01:00	8.55	46.194	29.71	8.71	7.91	7.3	2.806
862	12/22/2007 12:16:00	8.58	46.491	29.92	8.7	7.91	7.5	2.67
863	12/22/2007 12:31:00	8.56	46.419	29.87	8.71	7.91	6.6	2.542
864	12/22/2007 12:46:00	8.6	46.826	30.16	8.68	7.91	7.5	2.37
865	12/22/2007 13:01:00	8.43	45.987	29.55	8.74	7.91	9.3	2.235
866	12/22/2007 13:16:00	8.51	45.948	29.53	8.71	7.92	8	2.083
867	12/22/2007 13:31:00	8.43	45.139	28.95	8.77	7.91	10.3	1.894
868	12/22/2007 13:46:00	8.4	45.981	29.54	8.77	7.92	13.3	1.748
869	12/22/2007 14:01:00	8.26	45.503	29.2	8.83	7.9	16.1	1.58
870	12/22/2007 14:16:00	8.2	45.211	28.98	8.87	7.9	15.2	1.376
871	12/22/2007 14:31:00	8.1	45.009	28.83	8.81	7.89	18.1	1.223
872	12/22/2007 14:46:00	8.03	44.803	28.68	8.78	7.88	15.5	1.028
873	12/22/2007 15:01:00	7.97	44.618	28.55	8.79	7.88	24.4	0.841
874	12/22/2007 15:16:00	7.93	44.431	28.41	8.77	7.88	25.5	0.684
875	12/22/2007 15:31:00	7.94	43.573	27.81	8.79	7.88	22.6	0.526
876	12/22/2007 15:46:00	7.91	44.307	28.32	8.72	7.88	23.8	0.389
877	12/22/2007 16:01:00	7.91	44.026	28.12	8.76	7.88	23	0.316
878	12/22/2007 16:16:00	7.89	43.209	27.55	8.75	7.87	17.2	0.312
879	12/22/2007 16:31:00	7.92	44.055	28.15	8.79	7.88	16.9	0.336
880	12/22/2007 16:46:00	7.88	43.91	28.04	8.8	7.87	18.5	0.449
881	12/22/2007 17:01:00	7.89	43.928	28.05	8.77	7.86	12.5	0.52
882	12/22/2007 17:16:00	7.74	40.879	25.91	9.01	7.84	10.5	0.586
883	12/22/2007 17:31:00	7.84	42.581	27.1	8.87	7.86	12.8	0.673
884	12/22/2007 17:46:00	7.85	42.947	27.36	8.73	7.86	6.1	0.704
885	12/22/2007 18:01:00	7.86	43.135	27.49	8.69	7.86	4.9	0.749
886	12/22/2007 18:16:00	7.78	42.591	27.11	8.81	7.85	13.3	0.824
887	12/22/2007 18:31:00	7.69	41.767	26.52	8.93	7.84	12.6	0.898
888	12/22/2007 18:46:00	7.76	43.211	27.54	8.82	7.85	11.4	0.992
889	12/22/2007 19:01:00	7.84	43.29	27.6	8.81	7.87	8.7	1.083
890	12/22/2007 19:16:00	7.81	43.644	27.85	8.83	7.86	9.4	1.203
891	12/22/2007 19:31:00	7.78	42.971	27.37	8.88	7.86	12.5	1.321
892	12/22/2007 19:46:00	7.85	42.909	27.33	8.89	7.86	10.3	1.438
893	12/22/2007 20:01:00	8.05	44.342	28.36	8.77	7.87	10	1.55
894	12/22/2007 20:16:00	8.07	44.618	28.55	8.75	7.87	12.5	1.694
895	12/22/2007 20:31:00	8.04	44.225	28.28	8.75	7.87	15.5	1.808
896	12/22/2007 20:46:00	8.08	44.94	28.78	8.72	7.88	15.5	1.924
897	12/22/2007 21:01:00	8.16	45.196	28.97	8.71	7.88	15.7	2.037
898	12/22/2007 21:16:00	8.22	45.269	29.03	8.72	7.89	17.9	2.137
899	12/22/2007 21:31:00	8.28	44.91	28.78	8.73	7.89	20.2	2.218

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
900	12/22/2007 21:46:00	8.38	44.979	28.83	8.74	7.9	18.8	2.322
901	12/22/2007 22:01:00	8.45	46.03	29.58	8.71	7.9	22.4	2.402
902	12/22/2007 22:16:00	8.57	46.367	29.83	8.76	7.92	17.4	2.477
903	12/22/2007 22:31:00	8.63	46.592	30	8.77	7.92	15.1	2.542
904	12/22/2007 22:46:00	8.68	46.795	30.15	8.77	7.92	13	2.621
905	12/22/2007 23:01:00	8.71	46.595	30.01	8.78	7.93	11.4	2.69
906	12/22/2007 23:16:00	8.74	47.38	30.57	8.72	7.93	7.8	2.714
907	12/22/2007 23:31:00	8.76	46.687	30.07	8.73	7.93	5.7	2.775
908	12/22/2007 23:46:00	8.77	46.844	30.19	8.68	7.93	4.2	2.792
909	12/23/2007 00:01:00	8.71	46.62	30.02	8.64	7.92	8	2.806
910	12/23/2007 00:16:00	8.75	46.714	30.09	8.74	7.92	9.4	2.789
911	12/23/2007 00:31:00	8.77	46.228	29.75	8.78	7.9	9.8	2.761
912	12/23/2007 00:46:00	8.74	46.644	30.04	8.7	7.9	8.6	2.718
913	12/23/2007 01:01:00	8.6	46.247	29.75	8.64	7.91	8.4	2.653
914	12/23/2007 01:16:00	8.57	45.561	29.26	8.72	7.91	12.5	2.583
915	12/23/2007 01:31:00	8.56	45.64	29.31	8.68	7.91	16.6	2.519
916	12/23/2007 01:46:00	8.51	46.238	29.74	8.63	7.9	12	2.418
917	12/23/2007 02:01:00	8.42	45.315	29.07	8.59	7.88	10	2.359
918	12/23/2007 02:16:00	8.38	45.679	29.33	8.58	7.88	8.7	2.298
919	12/23/2007 02:31:00	8.34	44.948	28.81	8.65	7.88	11.1	2.211
920	12/23/2007 02:46:00	8.33	44.522	28.51	8.67	7.88	9.3	2.147
921	12/23/2007 03:01:00	8.25	43.798	27.99	8.68	7.87	7.8	2.117
922	12/23/2007 03:16:00	8.25	44.393	28.41	8.61	7.86	7.3	2.082
923	12/23/2007 03:31:00	8.24	44.659	28.6	8.57	7.86	5.6	2.017
924	12/23/2007 03:46:00	8.23	44.456	28.45	8.55	7.86	6.3	2.006
925	12/23/2007 04:01:00	8.24	44.106	28.21	8.35	7.86	7	2.009
926	12/23/2007 04:16:00	8.28	44.921	28.78	8.58	7.87	11.2	1.988
927	12/23/2007 04:31:00	8.31	44.028	28.16	8.62	7.87	8.3	2.016
928	12/23/2007 04:46:00	8.29	44.228	28.29	8.62	7.87	11.2	2.038
929	12/23/2007 05:01:00	8.33	44.63	28.58	8.66	7.88	8.2	2.1
930	12/23/2007 05:16:00	8.29	43.796	27.99	8.66	7.87	8.7	2.157
931	12/23/2007 05:31:00	8.37	44.522	28.51	8.65	7.88	10.3	2.208
932	12/23/2007 05:46:00	8.39	45.484	29.19	8.65	7.89	11.2	2.282
933	12/23/2007 06:01:00	8.45	45.223	29.01	8.67	7.89	10.7	2.367
934	12/23/2007 06:16:00	8.5	45.123	28.94	8.69	7.89	10.4	2.438
935	12/23/2007 06:31:00	8.59	46.434	29.88	8.67	7.91	10.9	2.513
936	12/23/2007 06:46:00	8.64	46.69	30.07	8.69	7.92	13.6	2.589
937	12/23/2007 07:01:00	8.69	46.503	29.94	8.73	7.92	11.9	2.683
938	12/23/2007 07:16:00	8.73	46.336	29.82	8.74	7.93	20.5	2.772
939	12/23/2007 07:31:00	8.83	46.651	30.05	8.75	7.94	15.6	2.876
940	12/23/2007 07:46:00	8.86	46.27	29.79	8.76	7.94	18	2.98
941	12/23/2007 08:01:00	9.04	47.422	30.62	8.73	7.93	25.2	3.075
942	12/23/2007 08:16:00	9.13	47.204	30.47	8.73	7.93	20.7	3.173
943	12/23/2007 08:31:00	9.18	48.048	31.08	8.68	7.94	19.1	3.27
944	12/23/2007 08:46:00	9.24	47.41	30.63	8.68	7.94	13	3.395
945	12/23/2007 09:01:00	9.28	47.968	31.03	8.64	7.94	17.6	3.469
946	12/23/2007 09:16:00	9.3	47.856	30.95	8.6	7.94	12.6	3.551
947	12/23/2007 09:31:00	9.32	47.979	31.04	8.56	7.94	13.1	3.64
948	12/23/2007 09:46:00	9.33	48.742	31.59	8.5	7.94	11.3	3.688
949	12/23/2007 10:01:00	9.34	48.176	31.18	8.5	7.94	5.9	3.748

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
950	12/23/2007 10:16:00	9.34	47.98	31.04	8.51	7.94	6.7	3.765
951	12/23/2007 10:31:00	9.22	47.436	30.64	8.57	7.93	5.4	3.779
952	12/23/2007 10:46:00	9.32	47.782	30.9	8.55	7.94	7.6	3.755
953	12/23/2007 11:01:00	9.29	47.87	30.96	8.57	7.94	7.9	3.734
954	12/23/2007 11:16:00	9.3	47.966	31.03	8.56	7.94	7.9	3.645
955	12/23/2007 11:31:00	9.21	47.44	30.65	8.66	7.93	7.7	3.56
956	12/23/2007 11:46:00	9.04	46.772	30.16	8.67	7.91	7.3	3.452
957	12/23/2007 12:01:00	9.04	47.024	30.34	8.63	7.91	7.5	3.333
958	12/23/2007 12:16:00	8.94	46.247	29.77	8.64	7.92	9.2	3.218
959	12/23/2007 12:31:00	8.93	46.038	29.62	8.66	7.93	9	3.068
960	12/23/2007 12:46:00	8.92	46.746	30.13	8.63	7.92	8.7	2.919
961	12/23/2007 13:01:00	8.8	45.397	29.16	8.65	7.91	11.8	2.795
962	12/23/2007 13:16:00	8.81	46.021	29.6	8.63	7.91	8.9	2.644
963	12/23/2007 13:31:00	8.84	45.617	29.32	8.68	7.92	6.9	2.494
964	12/23/2007 13:46:00	8.78	46.08	29.64	8.68	7.91	8.3	2.334
965	12/23/2007 14:01:00	8.67	45.273	29.06	8.67	7.9	12.2	2.174
966	12/23/2007 14:16:00	8.77	45.741	29.4	8.67	7.91	11.2	2.02
967	12/23/2007 14:31:00	8.7	45.746	29.4	8.69	7.9	13.3	1.822
968	12/23/2007 14:46:00	8.63	45.358	29.12	8.66	7.9	20.2	1.661
969	12/23/2007 15:01:00	8.62	44.913	28.8	8.7	7.9	18.2	1.471
970	12/23/2007 15:16:00	8.54	44.014	28.16	8.71	7.88	18.1	1.286
971	12/23/2007 15:31:00	8.46	44.558	28.54	8.6	7.87	17.3	1.093
972	12/23/2007 15:46:00	8.43	44.248	28.32	8.6	7.86	17.6	0.889
973	12/23/2007 16:01:00	8.4	43.583	27.85	8.59	7.85	18.8	0.713
974	12/23/2007 16:16:00	8.39	43.836	28.03	8.56	7.85	17.7	0.542
975	12/23/2007 16:31:00	8.39	43.062	27.48	8.56	7.85	15.5	0.376
976	12/23/2007 16:46:00	8.38	43.125	27.52	8.53	7.85	11.3	0.26
977	12/23/2007 17:01:00	8.4	42.847	27.33	8.37	7.83	11.6	0.224
978	12/23/2007 17:16:00	8.35	42.608	27.16	8.56	7.84	10.6	0.247
979	12/23/2007 17:31:00	8.36	43.447	27.75	8.55	7.85	7.4	0.295
980	12/23/2007 17:46:00	8.38	42.684	27.21	8.58	7.85	8.4	0.406
981	12/23/2007 18:01:00	8.37	42.696	27.22	8.57	7.84	8	0.498
982	12/23/2007 18:16:00	8.41	40.359	25.59	8.68	7.81	10.3	0.598
983	12/23/2007 18:31:00	8.38	43.103	27.51	8.37	7.82	2.8	0.652
984	12/23/2007 18:46:00	8.39	42.843	27.33	8.44	7.83	5.9	0.701
985	12/23/2007 19:01:00	8.39	42.023	26.75	8.54	7.83	8.4	0.766
986	12/23/2007 19:16:00	8.39	41.323	26.26	8.61	7.82	7.8	0.829
987	12/23/2007 19:31:00	8.4	40.925	25.98	8.66	7.8	8.4	0.922
988	12/23/2007 19:46:00	8.39	43.357	27.69	8.53	7.83	8.4	1.019
989	12/23/2007 20:01:00	8.39	42.514	27.1	8.6	7.83	10.3	1.146
990	12/23/2007 20:16:00	8.4	42.44	27.04	8.62	7.83	9.6	1.266
991	12/23/2007 20:31:00	8.44	42.409	27.02	8.65	7.83	9.4	1.379
992	12/23/2007 20:46:00	8.49	43.633	27.89	8.61	7.85	10.4	1.516
993	12/23/2007 21:01:00	8.52	43.306	27.66	8.63	7.86	11.7	1.64
994	12/23/2007 21:16:00	8.52	43.796	28.01	8.6	7.85	12.4	1.774
995	12/23/2007 21:31:00	8.54	43.846	28.04	8.6	7.86	16.7	1.908
996	12/23/2007 21:46:00	8.6	44.294	28.36	8.6	7.87	17.8	2.038
997	12/23/2007 22:01:00	8.65	45.102	28.94	8.59	7.88	18.3	2.157
998	12/23/2007 22:16:00	8.69	45.28	29.07	8.59	7.88	23.4	2.257
999	12/23/2007 22:31:00	8.75	45.257	29.06	8.62	7.89	26.8	2.341

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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
1000	12/23/2007 22:46:00	8.81	44.853	28.77	8.67	7.9	29.8	2.437
1001	12/23/2007 23:01:00	8.93	45.911	29.53	8.74	7.91	24.1	2.517
1002	12/23/2007 23:16:00	9.02	46.626	30.05	8.75	7.92	25	2.587
1003	12/23/2007 23:31:00	9.09	46.327	29.84	8.75	7.93	18.1	2.669
1004	12/23/2007 23:46:00	9.11	46.916	30.26	8.73	7.93	13.9	2.742
1005	12/24/2007 00:01:00	9.14	46.383	29.88	8.72	7.92	9.8	2.757
1006	12/24/2007 00:16:00	9.13	46.077	29.67	8.7	7.92	7.8	2.801
1007	12/24/2007 00:31:00	9.18	47.053	30.37	8.64	7.9	5.8	2.84
1008	12/24/2007 00:46:00	9.14	46.423	29.91	8.69	7.93	9.4	2.831
1009	12/24/2007 01:01:00	9.16	46.462	29.94	8.69	7.92	11.9	2.811
1010	12/24/2007 01:16:00	9.01	46.016	29.61	8.72	7.92	18.6	2.801
1011	12/24/2007 01:31:00	8.87	45.065	28.93	8.78	7.91	23.6	2.737
1012	12/24/2007 01:46:00	8.95	45.128	28.98	8.77	7.91	31.7	2.674
1013	12/24/2007 02:01:00	8.88	45.458	29.21	8.73	7.91	21.4	2.589
1014	12/24/2007 02:16:00	8.86	45.576	29.29	8.73	7.91	22.4	2.521
1015	12/24/2007 02:31:00	8.82	44.835	28.76	8.74	7.9	21.1	2.439
1016	12/24/2007 02:46:00	8.74	45.056	28.91	8.71	7.89	21.1	2.36
1017	12/24/2007 03:01:00	8.66	44.113	28.24	8.71	7.88	24.9	2.289
1018	12/24/2007 03:16:00	8.64	43.879	28.07	8.71	7.88	22.6	2.234
1019	12/24/2007 03:31:00	8.57	43.774	27.99	8.7	7.87	21.9	2.164
1020	12/24/2007 03:46:00	8.55	43.705	27.94	8.68	7.86	23.3	2.099
1021	12/24/2007 04:01:00	8.54	43.217	27.6	8.68	7.85	21.3	2.066
1022	12/24/2007 04:16:00	8.53	43.158	27.56	8.67	7.85	22.1	2.003
1023	12/24/2007 04:31:00	8.51	43.289	27.65	8.66	7.85	21.6	1.965
1024	12/24/2007 04:46:00	8.51	43.859	28.05	8.6	7.85	15	1.956
1025	12/24/2007 05:01:00	8.56	43.393	27.72	8.41	7.84	10.5	1.945
1026	12/24/2007 05:16:00	8.52	43.452	27.76	8.51	7.84	12.5	1.915
1027	12/24/2007 05:31:00	8.48	43.876	28.06	8.65	7.85	16.9	1.951
1028	12/24/2007 05:46:00	8.54	43.635	27.89	8.67	7.86	17.2	1.982
1029	12/24/2007 06:01:00	8.56	43.856	28.05	8.66	7.86	19.6	2.036
1030	12/24/2007 06:16:00	8.55	43.44	27.76	8.7	7.86	19.6	2.087
1031	12/24/2007 06:31:00	8.59	44.354	28.41	8.66	7.86	17.8	2.175
1032	12/24/2007 06:46:00	8.61	43.943	28.12	8.7	7.87	18.7	2.246
1033	12/24/2007 07:01:00	8.72	44.615	28.6	8.69	7.88	22.3	2.32
1034	12/24/2007 07:16:00	8.75	44.134	28.26	8.74	7.89	17.3	2.391
1035	12/24/2007 07:31:00	8.79	44.619	28.61	8.74	7.89	16.8	2.494
1036	12/24/2007 07:46:00	8.81	44.777	28.72	8.77	7.9	18.4	2.577
1037	12/24/2007 08:01:00	8.97	45.575	29.3	8.74	7.92	17.4	2.662
1038	12/24/2007 08:16:00	9.1	46.33	29.84	8.72	7.93	28.5	2.781
1039	12/24/2007 08:31:00	9.15	46.362	29.87	8.73	7.93	24.4	2.869
1040	12/24/2007 08:46:00	9.18	46.365	29.87	8.74	7.93	23.4	2.941
1041	12/24/2007 09:01:00	9.2	46.335	29.85	8.87	7.94	24.4	3.079
1042	12/24/2007 09:16:00	9.25	46.853	30.23	8.75	7.92	23.1	3.182
1043	12/24/2007 09:31:00	9.3	47.687	30.83	8.72	7.93	18.7	3.283
1044	12/24/2007 09:46:00	9.36	47.334	30.58	8.74	7.93	21.6	3.365
1045	12/24/2007 10:01:00	9.42	48.025	31.08	8.67	7.94	17.2	3.472
1046	12/24/2007 10:16:00	9.46	47.984	31.05	8.73	7.94	16.7	3.542
1047	12/24/2007 10:31:00	9.48	47.868	30.97	8.71	7.94	10.4	3.595
1048	12/24/2007 10:46:00	9.49	48.351	31.32	8.71	7.94	10	3.672
1049	12/24/2007 11:01:00	9.49	48.372	31.33	8.63	7.94	6.7	3.722

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
1050	12/24/2007 11:16:00	9.41	47.955	31.03	8.66	7.93	8.4	3.733
1051	12/24/2007 11:31:00	9.48	47.742	30.88	8.71	7.94	9	3.749
1052	12/24/2007 11:46:00	9.51	48.202	31.21	8.68	7.94	10.3	3.69
1053	12/24/2007 12:01:00	9.52	47.562	30.75	8.74	7.94	31.8	3.616
1054	12/24/2007 12:16:00	9.54	48.486	31.42	8.72	7.94	21.2	3.544
1055	12/24/2007 12:31:00	9.57	47.908	31.01	8.75	7.94	22.4	3.445
1056	12/24/2007 12:46:00	9.57	47.859	30.97	8.75	7.94	36	3.325
1057	12/24/2007 13:01:00	9.45	46.795	30.2	8.77	7.92	27.2	3.22
1058	12/24/2007 13:16:00	9.34	46.85	30.23	8.72	7.91	26.5	3.062
1059	12/24/2007 13:31:00	9.34	46.915	30.28	8.7	7.91	35.4	2.939
1060	12/24/2007 13:46:00	9.31	45.993	29.62	8.74	7.9	34.9	2.806
1061	12/24/2007 14:01:00	9.27	46.023	29.64	8.75	7.9	34	2.678
1062	12/24/2007 14:16:00	9.19	46.239	29.79	8.74	7.91	36.6	2.553
1063	12/24/2007 14:31:00	9.19	45.187	29.04	8.78	7.91	41.6	2.386
1064	12/24/2007 14:46:00	9.28	45.72	29.42	8.78	7.9	39.7	2.202
1065	12/24/2007 15:01:00	9.06	44.986	28.89	8.89	7.91	47.5	2.03
1066	12/24/2007 15:16:00	8.96	44.275	28.37	8.94	7.91	54.9	1.88
1067	12/24/2007 15:31:00	8.93	45.091	28.95	8.96	7.91	63.9	1.702
1068	12/24/2007 15:46:00	8.85	43.834	28.06	8.93	7.9	72	1.515
1069	12/24/2007 16:01:00	8.82	43.706	27.96	8.94	7.9	74.6	1.352
1070	12/24/2007 16:16:00	8.79	44.493	28.52	8.87	7.89	71.7	1.143
1071	12/24/2007 16:31:00	8.77	43.763	28	8.86	7.87	68.2	0.94
1072	12/24/2007 16:46:00	8.72	42.999	27.46	8.89	7.87	70.9	0.751
1073	12/24/2007 17:01:00	8.67	42.625	27.19	8.91	7.86	77.5	0.577
1074	12/24/2007 17:16:00	8.64	43.234	27.62	8.84	7.85	62.6	0.396
1075	12/24/2007 17:31:00	8.6	43.284	27.65	8.86	7.85	55.7	0.291
1076	12/24/2007 17:46:00	8.57	43.205	27.59	8.85	7.85	45.8	0.186
1077	12/24/2007 18:01:00	8.58	42.138	26.84	8.9	7.85	30.3	0.191
1078	12/24/2007 18:16:00	8.58	42.419	27.04	8.91	7.84	26.6	0.228
1079	12/24/2007 18:31:00	8.53	42.623	27.18	8.9	7.83	24.1	0.347
1080	12/24/2007 18:46:00	8.52	41.739	26.56	8.9	7.83	24.7	0.456
1081	12/24/2007 19:01:00	8.55	42.175	26.87	8.85	7.83	28.5	0.497
1082	12/24/2007 19:16:00	8.51	42.742	27.26	8.75	7.83	16.7	0.558
1083	12/24/2007 19:31:00	8.52	42.631	27.19	8.75	7.83	18.4	0.642
1084	12/24/2007 19:46:00	8.49	42.296	26.95	8.86	7.82	23.5	0.679
1085	12/24/2007 20:01:00	8.46	39.982	25.33	9.04	7.81	25.2	0.78
1086	12/24/2007 20:16:00	8.57	42.357	27	8.83	7.82	26.1	0.865
1087	12/24/2007 20:31:00	8.57	42.389	27.02	8.85	7.82	24.1	0.963
1088	12/24/2007 20:46:00	8.62	42.494	27.1	8.84	7.83	25.9	1.1
1089	12/24/2007 21:01:00	8.65	41.833	26.63	8.86	7.83	23.6	1.173
1090	12/24/2007 21:16:00	8.8	43.231	27.63	8.84	7.86	23.8	1.321
1091	12/24/2007 21:31:00	8.78	41.961	26.73	8.93	7.85	26.4	1.458
1092	12/24/2007 21:46:00	8.79	42.307	26.98	8.91	7.85	26.5	1.582
1093	12/24/2007 22:01:00	8.76	40.715	25.86	9.02	7.84	23.1	1.696
1094	12/24/2007 22:16:00	8.87	43.25	27.64	8.87	7.87	31.2	1.814
1095	12/24/2007 22:31:00	8.87	43.894	28.1	8.85	7.87	42.9	1.964
1096	12/24/2007 22:46:00	8.81	43.438	27.77	8.9	7.88	43.5	2.088
1097	12/24/2007 23:01:00	8.83	43.296	27.67	8.9	7.88	47.7	2.191
1098	12/24/2007 23:16:00	8.85	43.464	27.79	8.89	7.89	69.7	2.278
1099	12/24/2007 23:31:00	8.91	43.812	28.04	8.89	7.9	68.5	2.384

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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
1100	12/24/2007 23:46:00	8.95	44.213	28.33	8.94	7.91	57.4	2.456
1101	12/25/2007 00:01:00	9.03	46.014	29.61	8.98	7.93	76.2	2.544
1102	12/25/2007 00:16:00	9.11	46.313	29.83	9.07	7.95	53.6	2.62
1103	12/25/2007 00:31:00	9.19	46.478	29.96	9.14	7.96	51	2.657
1104	12/25/2007 00:46:00	9.25	46.619	30.06	9.18	7.96	22	2.719
1105	12/25/2007 01:01:00	9.25	47.554	30.73	9.13	7.97	18.4	2.79
1106	12/25/2007 01:16:00	9.3	47.611	30.77	9.14	7.96	13.3	2.828
1107	12/25/2007 01:31:00	9.28	47.032	30.36	9.16	7.97	13.4	2.857
1108	12/25/2007 01:46:00	9.29	47.159	30.45	9.14	7.96	12.8	2.848
1109	12/25/2007 02:01:00	9.26	47.009	30.34	9.14	7.96	15.6	2.804
1110	12/25/2007 02:16:00	9.33	47.525	30.71	9.18	7.94	14.5	2.763
1111	12/25/2007 02:31:00	9.27	47.071	30.39	9.18	7.97	16.6	2.754
1112	12/25/2007 02:46:00	9.11	47.077	30.38	9.05	7.95	20.1	2.638
1113	12/25/2007 03:01:00	8.94	45.267	29.08	9.07	7.93	42.8	2.557
1114	12/25/2007 03:16:00	8.93	45.293	29.09	8.97	7.93	29.9	2.473
1115	12/25/2007 03:31:00	8.71	44.356	28.42	8.91	7.9	21.1	2.42
1116	12/25/2007 03:46:00	8.57	44.113	28.23	8.88	7.89	18.8	2.333
1117	12/25/2007 04:01:00	8.51	44.776	28.7	8.89	7.89	18.3	2.227
1118	12/25/2007 04:16:00	8.41	43.335	27.67	8.93	7.88	24	2.153
1119	12/25/2007 04:31:00	8.33	43.519	27.8	8.89	7.87	18.7	2.094
1120	12/25/2007 04:46:00	8.3	42.769	27.27	8.91	7.87	18.7	2.034
1121	12/25/2007 05:01:00	8.24	43.003	27.43	8.88	7.86	15.8	1.974
1122	12/25/2007 05:16:00	8.19	43.487	27.77	8.85	7.86	13.6	1.916
1123	12/25/2007 05:31:00	8.16	42.575	27.12	8.88	7.86	12.5	1.89
1124	12/25/2007 05:46:00	8.11	42.485	27.06	8.87	7.85	11.1	1.853
1125	12/25/2007 06:01:00	8.33	42.94	27.39	8.77	7.86	24.7	1.836
1126	12/25/2007 06:16:00	8.25	43.624	27.87	8.73	7.86	13.8	1.82
1127	12/25/2007 06:31:00	8.01	42.437	27.01	8.84	7.85	10.8	1.845
1128	12/25/2007 06:46:00	8.26	43.203	27.57	8.82	7.86	16.2	1.915
1129	12/25/2007 07:01:00	8.26	43.832	28.01	8.84	7.87	19.2	1.939
1130	12/25/2007 07:16:00	8.07	43.397	27.69	8.9	7.86	17	2.016
1131	12/25/2007 07:31:00	8.43	43.023	27.46	8.92	7.88	20.6	2.102
1132	12/25/2007 07:46:00	8.57	44.156	28.26	8.93	7.9	18.1	2.172
1133	12/25/2007 08:01:00	8.58	44.749	28.68	8.95	7.9	17.4	2.282
1134	12/25/2007 08:16:00	8.54	43.808	28.02	8.98	7.9	18.3	2.364
1135	12/25/2007 08:31:00	8.61	44.45	28.47	9.01	7.91	25.2	2.468
1136	12/25/2007 08:46:00	8.59	44.56	28.55	9.06	7.92	77.5	2.544
1137	12/25/2007 09:01:00	8.73	45.372	29.14	9.06	7.93	16.6	2.626
1138	12/25/2007 09:16:00	9.01	47.178	30.44	9.13	7.95	33.2	2.717
1139	12/25/2007 09:31:00	8.96	46.39	29.88	9.03	7.95	30.1	2.815
1140	12/25/2007 09:46:00	9	46.888	30.24	9.1	7.95	31.5	2.929
1141	12/25/2007 10:01:00	9.04	47.195	30.46	9.08	7.96	37.8	3.006
1142	12/25/2007 10:16:00	9.1	47.747	30.86	9.05	7.97	28.4	3.089
1143	12/25/2007 10:31:00	9.14	48.464	31.37	9.02	7.97	23.9	3.212
1144	12/25/2007 10:46:00	9.18	48.244	31.22	8.95	7.97	22.3	3.309
1145	12/25/2007 11:01:00	9.22	48.259	31.23	8.94	7.97	17.2	3.387
1146	12/25/2007 11:16:00	9.24	49.328	32	8.85	7.96	16.4	3.459
1147	12/25/2007 11:31:00	9.27	48.765	31.6	8.87	7.96	12.5	3.538
1148	12/25/2007 11:46:00	9.29	48.838	31.65	8.89	7.96	10.4	3.568
1149	12/25/2007 12:01:00	9.3	48.797	31.63	8.79	7.96	5.2	3.582

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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
1150	12/25/2007 12:16:00	9.29	48.843	31.66	8.88	7.96	9.3	3.608
1151	12/25/2007 12:31:00	9.3	49.87	32.4	8.84	7.94	9.5	3.599
1152	12/25/2007 12:46:00	9.3	48.742	31.58	8.89	7.94	13	3.519
1153	12/25/2007 13:01:00	9.25	48.744	31.58	8.87	7.96	13.6	3.482
1154	12/25/2007 13:16:00	9.19	47.895	30.97	8.99	7.96	10.7	3.388
1155	12/25/2007 13:31:00	9.08	47.024	30.34	9	7.96	11.5	3.257
1156	12/25/2007 13:46:00	9.06	47.085	30.38	8.98	7.95	11.6	3.135
1157	12/25/2007 14:01:00	9.01	46.335	29.84	9.02	7.95	23.1	3.011
1158	12/25/2007 14:16:00	8.94	45.577	29.3	9.05	7.94	16.2	2.875
1159	12/25/2007 14:31:00	8.96	46.795	30.17	9	7.94	10.5	2.721
1160	12/25/2007 14:46:00	8.88	45.375	29.15	9.05	7.93	16.4	2.594
1161	12/25/2007 15:01:00	8.88	46.128	29.68	9	7.94	11.2	2.444
1162	12/25/2007 15:16:00	8.76	44.909	28.81	9.02	7.92	16.3	2.299
1163	12/25/2007 15:31:00	8.8	45.91	29.52	9	7.93	11.6	2.131
1164	12/25/2007 15:46:00	8.65	44.357	28.41	9	7.91	13.7	1.974
1165	12/25/2007 16:01:00	8.53	43.834	28.03	8.98	7.9	17.9	1.813
1166	12/25/2007 16:16:00	8.42	43.526	27.81	8.97	7.89	19.3	1.64
1167	12/25/2007 16:31:00	8.31	43.161	27.54	8.96	7.88	25.6	1.462
1168	12/25/2007 16:46:00	8.28	43.137	27.53	8.93	7.87	26.8	1.292
1169	12/25/2007 17:01:00	8.21	42.774	27.26	8.91	7.86	28.7	1.107
1170	12/25/2007 17:16:00	8.13	42.878	27.33	8.89	7.85	27.8	0.941
1171	12/25/2007 17:31:00	8.06	42.212	26.86	8.9	7.85	25.3	0.753
1172	12/25/2007 17:46:00	7.97	41.943	26.67	8.91	7.84	24.3	0.575
1173	12/25/2007 18:01:00	7.86	42.653	27.15	8.87	7.83	22.9	0.4
1174	12/25/2007 18:16:00	7.79	42.458	27.01	8.86	7.83	16.9	0.267
1175	12/25/2007 18:31:00	7.73	42.383	26.96	8.79	7.82	11.9	0.223
1176	12/25/2007 18:46:00	7.82	41.696	26.48	8.86	7.83	11.3	0.222
1177	12/25/2007 19:01:00	7.87	41.91	26.63	8.88	7.83	13.2	0.265
1178	12/25/2007 19:16:00	7.92	42.245	26.87	8.87	7.84	12.1	0.376
1179	12/25/2007 19:31:00	7.92	42.095	26.77	8.8	7.83	9.6	0.431
1180	12/25/2007 19:46:00	7.83	40.114	25.38	9.03	7.82	11.3	0.53
1181	12/25/2007 20:01:00	7.93	41.443	26.31	8.87	7.83	9.2	0.614
1182	12/25/2007 20:16:00	7.98	42.349	26.95	8.78	7.83	8.6	0.652
1183	12/25/2007 20:31:00	7.98	41.979	26.69	8.83	7.83	9.8	0.752
1184	12/25/2007 20:46:00	7.97	40.951	25.97	8.95	7.83	9.1	0.819
1185	12/25/2007 21:01:00	8.03	41.611	26.44	8.88	7.83	8.7	0.886
1186	12/25/2007 21:16:00	8.08	42.17	26.83	8.86	7.83	10.8	0.999
1187	12/25/2007 21:31:00	8.08	41.821	26.59	8.92	7.84	10.9	1.108
1188	12/25/2007 21:46:00	8.08	41.452	26.33	8.93	7.83	11.4	1.233
1189	12/25/2007 22:01:00	8.16	41.712	26.52	8.97	7.85	14	1.369
1190	12/25/2007 22:16:00	8.2	41.91	26.66	9.03	7.85	12.8	1.472
1191	12/25/2007 22:31:00	8.4	42.877	27.35	8.99	7.88	13.8	1.606
1192	12/25/2007 22:46:00	8.34	42.97	27.41	8.98	7.88	17.3	1.754
1193	12/25/2007 23:01:00	8.37	43.32	27.66	8.97	7.88	18.6	1.861
1194	12/25/2007 23:16:00	8.46	43.45	27.76	8.97	7.89	20.5	1.989
1195	12/25/2007 23:31:00	8.49	43.848	28.04	8.97	7.89	23.3	2.093
1196	12/25/2007 23:46:00	8.5	43.849	28.04	9.01	7.9	24.8	2.205
1197	12/26/2007 00:01:00	8.57	44.292	28.36	9.01	7.91	29.1	2.306
1198	12/26/2007 00:16:00	8.63	44.882	28.78	8.99	7.91	26.2	2.392
1199	12/26/2007 00:31:00	8.75	45.528	29.25	9.03	7.93	24.7	2.476

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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
1200	12/26/2007 00:46:00	8.81	46.467	29.92	9	7.93	23.9	2.552
1201	12/26/2007 01:01:00	8.86	46.76	30.13	8.99	7.94	21.1	2.636
1202	12/26/2007 01:16:00	8.9	47.131	30.4	8.97	7.94	18.1	2.712
1203	12/26/2007 01:31:00	8.93	47.572	30.72	8.92	7.94	13	2.758
1204	12/26/2007 01:46:00	9	47.584	30.73	8.92	7.95	12.3	2.817
1205	12/26/2007 02:01:00	9.03	47.766	30.87	8.89	7.94	7.1	2.86
1206	12/26/2007 02:16:00	9.05	48.102	31.11	8.85	7.94	6.5	2.877
1207	12/26/2007 02:31:00	9.06	48.148	31.14	8.88	7.95	9.7	2.866
1208	12/26/2007 02:46:00	8.98	47.572	30.72	8.93	7.94	12.3	2.852
1209	12/26/2007 03:01:00	9.04	47.961	31.01	8.88	7.95	10.9	2.823
1210	12/26/2007 03:16:00	8.77	46.769	30.13	8.9	7.93	13.3	2.738
1211	12/26/2007 03:31:00	8.62	45.649	29.33	8.98	7.92	17.1	2.664
1212	12/26/2007 03:46:00	8.61	45.795	29.43	8.93	7.92	20.6	2.588
1213	12/26/2007 04:01:00	8.62	45.894	29.5	8.88	7.91	15.8	2.507
1214	12/26/2007 04:16:00	8.58	46.199	29.71	8.86	7.91	13.7	2.413
1215	12/26/2007 04:31:00	8.49	45.229	29.02	8.93	7.91	11.1	2.327
1216	12/26/2007 04:46:00	8.37	45.401	29.13	8.94	7.9	10.4	2.24
1217	12/26/2007 05:01:00	8.33	44.044	28.17	8.98	7.89	15.9	2.157
1218	12/26/2007 05:16:00	8.27	44.005	28.14	8.97	7.89	12.2	2.093
1219	12/26/2007 05:31:00	8.21	43.327	27.65	8.95	7.88	10.1	2.029
1220	12/26/2007 05:46:00	8.1	43.168	27.53	8.94	7.87	9.3	1.948
1221	12/26/2007 06:01:00	8.08	43.392	27.69	8.9	7.87	9	1.889
1222	12/26/2007 06:16:00	8.02	42.908	27.35	8.9	7.86	8.7	1.859
1223	12/26/2007 06:31:00	8.03	42.779	27.26	8.9	7.86	8.9	1.816
1224	12/26/2007 06:46:00	8.04	43.149	27.52	8.74	7.86	8.8	1.784
1225	12/26/2007 07:01:00	8.1	43.189	27.55	8.69	7.85	8	1.785
1226	12/26/2007 07:16:00	8.04	43.032	27.43	8.81	7.86	7.5	1.799
1227	12/26/2007 07:31:00	7.92	43.006	27.41	8.88	7.86	8.3	1.816
1228	12/26/2007 07:46:00	8.08	43.073	27.47	8.84	7.87	9.5	1.864
1229	12/26/2007 08:01:00	8.2	43.974	28.11	8.9	7.88	12.8	1.93
1230	12/26/2007 08:16:00	7.94	43.059	27.45	8.94	7.87	10.9	1.985
1231	12/26/2007 08:31:00	8.31	44.209	28.28	8.91	7.89	11.7	2.069
1232	12/26/2007 08:46:00	8.41	44.687	28.63	8.91	7.9	11.5	2.167
1233	12/26/2007 09:01:00	8.33	44.461	28.46	8.93	7.89	10.4	2.239
1234	12/26/2007 09:16:00	8.32	44.651	28.6	8.93	7.9	11.1	2.327
1235	12/26/2007 09:31:00	8.43	45.355	29.1	8.93	7.91	13.5	2.408
1236	12/26/2007 09:46:00	8.49	45.528	29.23	8.95	7.91	11.5	2.498
1237	12/26/2007 10:01:00	8.6	45.714	29.37	8.95	7.92	9.9	2.577
1238	12/26/2007 10:16:00	8.81	47.083	30.36	8.88	7.93	16.2	2.664
1239	12/26/2007 10:31:00	8.83	46.688	30.08	8.92	7.94	16.6	2.749
1240	12/26/2007 10:46:00	8.85	46.717	30.1	8.92	7.94	15.8	2.865
1241	12/26/2007 11:01:00	8.88	47.194	30.45	8.91	7.94	14.8	2.94
1242	12/26/2007 11:16:00	8.91	47.243	30.48	8.91	7.94	16.1	3.03
1243	12/26/2007 11:31:00	8.94	47.381	30.58	8.89	7.94	12.3	3.1
1244	12/26/2007 11:46:00	8.98	48.202	31.17	8.87	7.95	12	3.207
1245	12/26/2007 12:01:00	9.04	48.738	31.56	8.82	7.95	8.4	3.248
1246	12/26/2007 12:16:00	9.09	48.258	31.22	8.85	7.95	10	3.297
1247	12/26/2007 12:31:00	9.12	49.115	31.84	8.78	7.95	7.5	3.344
1248	12/26/2007 12:46:00	9.14	48.549	31.43	8.77	7.95	7.2	3.374
1249	12/26/2007 13:01:00	9.14	48.523	31.42	8.72	7.95	3.4	3.376

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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
1250	12/26/2007 13:16:00	9.12	48.754	31.58	8.78	7.95	6.4	3.369
1251	12/26/2007 13:31:00	9.13	48.441	31.36	8.78	7.95	7.2	3.338
1252	12/26/2007 13:46:00	9.06	47.999	31.03	8.79	7.95	6.1	3.303
1253	12/26/2007 14:01:00	9	47.535	30.7	8.92	7.95	13.1	3.24
1254	12/26/2007 14:16:00	9.01	47.737	30.84	8.91	7.95	15.5	3.1
1255	12/26/2007 14:31:00	8.97	47.684	30.8	8.91	7.94	14.9	3.02
1256	12/26/2007 14:46:00	8.87	46.598	30.02	8.94	7.94	12.8	2.903
1257	12/26/2007 15:01:00	8.85	46.847	30.2	8.94	7.94	11.5	2.789
1258	12/26/2007 15:16:00	8.8	46.318	29.81	8.97	7.93	13.5	2.641
1259	12/26/2007 15:31:00	8.7	45.937	29.54	8.98	7.93	13.4	2.515
1260	12/26/2007 15:46:00	8.66	45.35	29.12	9.02	7.92	10.7	2.392
1261	12/26/2007 16:01:00	8.7	46.232	29.75	8.99	7.93	9.3	2.231
1262	12/26/2007 16:16:00	8.47	44.422	28.44	9.1	7.91	11.3	2.102
1263	12/26/2007 16:31:00	8.39	44.076	28.19	9.08	7.91	14.7	1.964
1264	12/26/2007 16:46:00	8.37	44.463	28.47	9.05	7.91	14.8	1.808
1265	12/26/2007 17:01:00	8.23	43.819	28	9.08	7.9	19.8	1.662
1266	12/26/2007 17:16:00	8.14	44.173	28.25	9.06	7.9	21.4	1.49
1267	12/26/2007 17:31:00	8.03	43.679	27.89	9.06	7.89	23	1.321
1268	12/26/2007 17:46:00	7.97	43.141	27.51	9.06	7.88	22.8	1.173
1269	12/26/2007 18:01:00	7.92	42.86	27.3	9.06	7.87	23.2	0.973
1270	12/26/2007 18:16:00	7.83	42.39	26.97	9.09	7.87	21.6	0.822
1271	12/26/2007 18:31:00	7.81	42.869	27.3	9.06	7.86	17.3	0.697
1272	12/26/2007 18:46:00	7.73	42.096	26.76	9.09	7.86	22.8	0.544
1273	12/26/2007 19:01:00	7.56	41.724	26.48	9.13	7.85	13.3	0.439
1274	12/26/2007 19:16:00	7.48	41.665	26.44	9.1	7.84	9.1	0.366
1275	12/26/2007 19:31:00	7.44	41.623	26.4	9.01	7.84	8.9	0.372
1276	12/26/2007 19:46:00	7.49	41.767	26.51	9.05	7.84	11.5	0.414
1277	12/26/2007 20:01:00	7.5	41.88	26.59	9.09	7.85	12	0.501
1278	12/26/2007 20:16:00	7.59	42.174	26.8	9.08	7.85	10.5	0.584
1279	12/26/2007 20:31:00	7.4	40.167	25.39	9.25	7.83	10.1	0.671
1280	12/26/2007 20:46:00	7.57	41.086	26.04	9.11	7.84	7.7	0.739
1281	12/26/2007 21:01:00	7.6	41.235	26.14	9.1	7.84	9.8	0.788
1282	12/26/2007 21:16:00	7.64	41.525	26.35	9.11	7.84	8.7	0.86
1283	12/26/2007 21:31:00	7.69	42.008	26.69	9.05	7.85	8.1	0.925
1284	12/26/2007 21:46:00	7.74	41.847	26.58	9.06	7.85	7.9	1.013
1285	12/26/2007 22:01:00	7.8	41.821	26.57	9.07	7.85	8.3	1.094
1286	12/26/2007 22:16:00	7.82	41.675	26.47	9.11	7.85	8.9	1.208
1287	12/26/2007 22:31:00	7.87	41.788	26.55	9.11	7.85	9.7	1.304
1288	12/26/2007 22:46:00	7.91	41.639	26.45	9.15	7.86	10.4	1.445
1289	12/26/2007 23:01:00	7.95	41.876	26.62	9.15	7.86	10.9	1.537
1290	12/26/2007 23:16:00	8.18	43.155	27.53	9.05	7.88	14.2	1.701
1291	12/26/2007 23:31:00	8.18	43.411	27.71	9.04	7.88	15.5	1.808
1292	12/26/2007 23:46:00	8.17	43.272	27.61	9.06	7.88	14.3	1.923
1293	12/27/2007 00:01:00	8.27	44.247	28.31	9.01	7.89	17.1	2.049
1294	12/27/2007 00:16:00	8.25	44.013	28.14	9.04	7.89	18.7	2.157
1295	12/27/2007 00:31:00	8.3	44.397	28.42	9.04	7.9	21.2	2.264
1296	12/27/2007 00:46:00	8.36	44.649	28.6	9.04	7.91	22.4	2.345
1297	12/27/2007 01:01:00	8.43	45.375	29.12	9.02	7.92	22.9	2.432
1298	12/27/2007 01:16:00	8.52	46.218	29.72	9.03	7.92	22.5	2.521
1299	12/27/2007 01:31:00	8.64	46.467	29.91	9.08	7.93	23.5	2.622

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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
1300	12/27/2007 01:46:00	8.71	47.308	30.51	9.1	7.94	22.2	2.655
1301	12/27/2007 02:01:00	8.79	47.645	30.76	9.12	7.95	18.5	2.738
1302	12/27/2007 02:16:00	8.83	48.092	31.08	9.07	7.95	12.4	2.79
1303	12/27/2007 02:31:00	8.88	47.93	30.97	9.11	7.95	16.1	2.854
1304	12/27/2007 02:46:00	8.93	48.546	31.42	9.07	7.95	10.5	2.877
1305	12/27/2007 03:01:00	8.93	48.198	31.17	9.03	7.95	6.9	2.879
1306	12/27/2007 03:16:00	8.93	48.309	31.25	9.08	7.96	9.5	2.888
1307	12/27/2007 03:31:00	8.8	47.462	30.63	9.1	7.95	9.4	2.9
1308	12/27/2007 03:46:00	8.92	48.097	31.09	9.08	7.96	10.3	2.816
1309	12/27/2007 04:01:00	8.05	45.474	29.16	9.08	7.91	12.4	2.779
1310	12/27/2007 04:16:00	8.21	45.829	29.42	9.08	7.92	9.7	2.688
1311	12/27/2007 04:31:00	8.34	46.239	29.72	9.07	7.92	12.6	2.588
1312	12/27/2007 04:46:00	8.4	46.09	29.62	9.03	7.92	11.9	2.511
1313	12/27/2007 05:01:00	8.14	45.196	28.97	8.96	7.9	10.9	2.418
1314	12/27/2007 05:16:00	8.11	45.475	29.16	8.98	7.9	9.9	2.352
1315	12/27/2007 05:31:00	8.02	45.18	28.95	8.99	7.9	8.4	2.286
1316	12/27/2007 05:46:00	7.89	44.456	28.43	9.03	7.89	9.4	2.143
1317	12/27/2007 06:01:00	7.8	44.145	28.2	9.04	7.89	10.4	2.092
1318	12/27/2007 06:16:00	7.73	44.152	28.2	9.02	7.88	8.8	2.016
1319	12/27/2007 06:31:00	7.62	44.022	28.1	9.02	7.87	7.2	2.006
1320	12/27/2007 06:46:00	7.58	43.638	27.83	9.04	7.87	7.2	1.913
1321	12/27/2007 07:01:00	7.56	43.601	27.8	9.02	7.87	7.6	1.856
1322	12/27/2007 07:16:00	7.54	43.179	27.5	9.01	7.87	7.6	1.808
1323	12/27/2007 07:31:00	7.53	43.416	27.67	8.96	7.86	6.8	1.803
1324	12/27/2007 07:46:00	7.61	43.305	27.59	8.94	7.87	7.3	1.761
1325	12/27/2007 08:01:00	7.6	43.407	27.67	8.9	7.86	3.9	1.729
1326	12/27/2007 08:16:00	7.32	43.244	27.53	8.97	7.85	6.7	1.771
1327	12/27/2007 08:31:00	7.59	43.341	27.62	8.94	7.87	6.8	1.802
1328	12/27/2007 08:46:00	7.71	43.615	27.82	8.99	7.88	7.6	1.872
1329	12/27/2007 09:01:00	7.66	44.001	28.09	9.01	7.88	7.5	1.897
1330	12/27/2007 09:16:00	7.43	43.434	27.67	9.07	7.86	8.1	1.983
1331	12/27/2007 09:31:00	7.69	43.589	27.8	9.06	7.88	9.7	2.036
1332	12/27/2007 09:46:00	8.06	44.83	28.7	9.02	7.9	9.2	2.13
1333	12/27/2007 10:01:00	7.95	44.536	28.49	9.03	7.9	8.1	2.184
1334	12/27/2007 10:16:00	8.05	45.109	28.9	9.02	7.9	9.6	2.284
1335	12/27/2007 10:31:00	8.2	45.845	29.43	9.01	7.91	10.9	2.351
1336	12/27/2007 10:46:00	8.19	45.96	29.51	9.04	7.92	8.6	2.42
1337	12/27/2007 11:01:00	8.25	45.888	29.47	9.07	7.92	8.2	2.533
1338	12/27/2007 11:16:00	8.42	46.823	30.15	9.03	7.93	9.7	2.569
1339	12/27/2007 11:31:00	8.51	46.977	30.26	9.04	7.94	11.9	2.682
1340	12/27/2007 11:46:00	8.52	47.203	30.42	9.04	7.94	13.1	2.743
1341	12/27/2007 12:01:00	8.56	47.171	30.4	9.04	7.94	11.8	2.828
1342	12/27/2007 12:16:00	8.61	47.721	30.8	9.03	7.95	13.5	2.91
1343	12/27/2007 12:31:00	8.67	47.995	31	9	7.95	10.6	2.974
1344	12/27/2007 12:46:00	8.7	48.053	31.05	8.98	7.95	9	2.997
1345	12/27/2007 13:01:00	8.77	48.523	31.39	8.93	7.95	10.4	3.093
1346	12/27/2007 13:16:00	8.81	48.548	31.41	8.89	7.95	8.9	3.117
1347	12/27/2007 13:31:00	8.85	48.632	31.47	8.87	7.95	5.1	3.165
1348	12/27/2007 13:46:00	8.86	48.787	31.59	8.8	7.95	5.4	3.16
1349	12/27/2007 14:01:00	8.85	48.749	31.56	8.89	7.96	8.7	3.183

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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
1350	12/27/2007 14:16:00	8.88	48.965	31.71	8.87	7.96	9.5	3.142
1351	12/27/2007 14:31:00	8.81	48.604	31.45	8.86	7.95	7.6	3.102
1352	12/27/2007 14:46:00	8.38	46.907	30.2	9.06	7.94	8.1	3.042
1353	12/27/2007 15:01:00	8.4	47.318	30.5	9.06	7.94	7.5	2.974
1354	12/27/2007 15:16:00	8.31	47	30.26	9.08	7.94	7.9	2.838
1355	12/27/2007 15:31:00	8.41	46.944	30.23	9.03	7.94	15.5	2.74
1356	12/27/2007 15:46:00	8.11	45.789	29.39	9.12	7.93	9	2.666
1357	12/27/2007 16:01:00	8.09	45.955	29.5	9.11	7.93	8.6	2.522
1358	12/27/2007 16:16:00	8.06	45.849	29.43	9.12	7.92	8.4	2.401
1359	12/27/2007 16:31:00	7.86	44.801	28.67	9.16	7.91	11.5	2.284
1360	12/27/2007 16:46:00	7.84	44.998	28.8	9.15	7.91	13.1	2.164
1361	12/27/2007 17:01:00	7.8	45.062	28.85	9.14	7.91	11.7	2.024
1362	12/27/2007 17:16:00	7.72	44.8	28.66	9.16	7.91	13	1.913
1363	12/27/2007 17:31:00	7.54	44.115	28.16	9.22	7.9	15.3	1.766
1364	12/27/2007 17:46:00	7.48	44.334	28.31	9.19	7.89	15.3	1.647
1365	12/27/2007 18:01:00	7.43	44.026	28.09	9.2	7.89	18.7	1.502
1366	12/27/2007 18:16:00	7.37	43.817	27.93	9.2	7.89	24.3	1.353
1367	12/27/2007 18:31:00	7.24	43.685	27.83	9.23	7.88	25.1	1.204
1368	12/27/2007 18:46:00	7.18	43.662	27.81	9.23	7.88	28.9	1.09
1369	12/27/2007 19:01:00	7.14	43.028	27.36	9.25	7.87	29.5	0.949
1370	12/27/2007 19:16:00	7.09	43.246	27.51	9.26	7.87	34.7	0.807
1371	12/27/2007 19:31:00	7.06	42.958	27.31	9.26	7.87	36.2	0.741
1372	12/27/2007 19:46:00	7.04	43.236	27.5	9.25	7.86	35.7	0.64
1373	12/27/2007 20:01:00	7.02	42.946	27.29	9.24	7.86	25.3	0.601
1374	12/27/2007 20:16:00	7.02	42.613	27.06	9.19	7.86	25.5	0.571
1375	12/27/2007 20:31:00	7.03	43.627	27.77	9.23	7.87	20.3	0.611
1376	12/27/2007 20:46:00	7.05	42.689	27.12	9.29	7.87	23.1	0.665
1377	12/27/2007 21:01:00	7.09	43.256	27.52	9.23	7.87	22.4	0.719
1378	12/27/2007 21:16:00	7.04	42.516	27	9.29	7.86	19.3	0.816
1379	12/27/2007 21:31:00	6.91	40.462	25.55	9.44	7.85	13	0.87
1380	12/27/2007 21:46:00	7.11	42.278	26.83	9.29	7.86	10.8	0.979
1381	12/27/2007 22:01:00	7.14	42.405	26.93	9.27	7.86	12.5	1.031
1382	12/27/2007 22:16:00	7.14	42.732	27.15	9.25	7.86	10.3	1.105
1383	12/27/2007 22:31:00	7.19	42.4	26.93	9.24	7.87	9.4	1.208
1384	12/27/2007 22:46:00	7.23	42.421	26.94	9.26	7.87	11.8	1.301
1385	12/27/2007 23:01:00	7.28	42.37	26.91	9.27	7.87	9.8	1.399
1386	12/27/2007 23:16:00	7.32	42.435	26.96	9.28	7.88	10.4	1.499
1387	12/27/2007 23:31:00	7.29	41.731	26.47	9.34	7.87	10	1.614
1388	12/27/2007 23:46:00	7.45	43.259	27.55	9.25	7.88	10	1.743
1389	12/28/2007 00:01:00	7.57	43.742	27.9	9.2	7.89	17.3	1.849
1390	12/28/2007 00:16:00	7.61	44.028	28.1	9.16	7.89	19.6	1.951
1391	12/28/2007 00:31:00	7.7	44.912	28.73	9.11	7.9	23.2	2.072
1392	12/28/2007 00:46:00	7.73	44.822	28.67	9.14	7.9	20.5	2.165
1393	12/28/2007 01:01:00	7.88	44.89	28.73	9.11	7.91	59.6	2.239
1394	12/28/2007 01:16:00	7.92	45.53	29.19	9.1	7.92	25.8	2.349
1395	12/28/2007 01:31:00	8.02	45.539	29.2	9.1	7.92	23.5	2.438
1396	12/28/2007 01:46:00	8.17	46.217	29.7	9.11	7.93	23.2	2.516
1397	12/28/2007 02:01:00	8.27	47.24	30.43	9.07	7.94	26	2.612
1398	12/28/2007 02:16:00	8.35	47.522	30.64	9.04	7.94	22.2	2.7
1399	12/28/2007 02:31:00	8.43	47.966	30.96	8.96	7.94	19.3	2.773

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
1400	12/28/2007 02:46:00	8.53	48.237	31.16	8.89	7.94	13	2.853
1401	12/28/2007 03:01:00	8.63	48.206	31.15	8.82	7.94	15.8	2.911
1402	12/28/2007 03:16:00	8.7	48.383	31.28	8.75	7.94	11.5	2.97
1403	12/28/2007 03:31:00	8.72	48.657	31.48	8.79	7.93	11.2	2.991
1404	12/28/2007 03:46:00	8.66	48.334	31.24	8.86	7.93	8.2	2.995
1405	12/28/2007 04:01:00	8.79	49.308	31.95	8.78	7.94	7.8	2.992
1406	12/28/2007 04:16:00	8.71	48.694	31.51	8.84	7.94	10.9	2.944
1407	12/28/2007 04:31:00	8.34	47.411	30.56	8.86	7.93	13.9	2.886
1408	12/28/2007 04:46:00	8.3	47.004	30.27	8.91	7.93	13.7	2.813
1409	12/28/2007 05:01:00	8.28	47.472	30.6	8.9	7.93	15	2.74
1410	12/28/2007 05:16:00	8.19	46.937	30.21	8.95	7.92	15.1	2.643
1411	12/28/2007 05:31:00	8.01	45.887	29.45	8.98	7.91	10.1	2.562
1412	12/28/2007 05:46:00	8	46.356	29.78	8.98	7.91	10.2	2.48
1413	12/28/2007 06:01:00	7.93	45.515	29.18	9.02	7.91	10.1	2.373
1414	12/28/2007 06:16:00	7.92	45.887	29.44	8.99	7.91	8.7	2.297
1415	12/28/2007 06:31:00	7.74	44.788	28.65	9.06	7.9	10	2.226
1416	12/28/2007 06:46:00	7.77	44.849	28.69	9.03	7.9	8.8	2.139
1417	12/28/2007 07:01:00	7.61	44.241	28.25	9.05	7.89	6.8	2.085
1418	12/28/2007 07:16:00	7.6	44.168	28.2	9.04	7.89	7.2	2.007
1419	12/28/2007 07:31:00	7.52	43.766	27.91	9.06	7.88	6.8	1.942
1420	12/28/2007 07:46:00	7.51	44.137	28.17	9.03	7.88	7	1.878
1421	12/28/2007 08:01:00	7.5	44.038	28.1	9.02	7.88	7.1	1.849
1422	12/28/2007 08:16:00	7.45	43.73	27.88	9.02	7.87	6.5	1.78
1423	12/28/2007 08:31:00	7.45	43.935	28.02	8.99	7.87	5.9	1.756
1424	12/28/2007 08:46:00	7.52	43.771	27.91	8.9	7.87	5.6	1.747
1425	12/28/2007 09:01:00	7.53	43.901	28.01	8.93	7.87	5.1	1.741
1426	12/28/2007 09:16:00	7.41	43.466	27.69	9.01	7.87	5.4	1.767
1427	12/28/2007 09:31:00	7.5	43.93	28.02	8.98	7.87	5.6	1.77
1428	12/28/2007 09:46:00	7.58	44	28.08	9.01	7.88	6.2	1.834
1429	12/28/2007 10:01:00	7.49	43.63	27.81	9.05	7.87	7	1.895
1430	12/28/2007 10:16:00	7.47	43.303	27.58	9.09	7.87	7.1	1.958
1431	12/28/2007 10:31:00	7.6	44.066	28.13	9.04	7.88	7.9	2.008
1432	12/28/2007 10:46:00	7.76	44.624	28.54	9.02	7.9	8.6	2.095
1433	12/28/2007 11:01:00	7.78	44.926	28.75	9.01	7.9	7.7	2.166
1434	12/28/2007 11:16:00	7.73	44.772	28.64	9.02	7.89	6.8	2.214
1435	12/28/2007 11:31:00	7.88	45.173	28.93	8.99	7.9	7.5	2.294
1436	12/28/2007 11:46:00	7.98	45.764	29.36	8.98	7.91	7	2.355
1437	12/28/2007 12:01:00	8.02	46.005	29.53	8.98	7.91	6.3	2.41
1438	12/28/2007 12:16:00	8.09	46.487	29.88	8.96	7.92	6.5	2.48
1439	12/28/2007 12:31:00	8.15	46.442	29.85	8.94	7.92	5.8	2.545
1440	12/28/2007 12:46:00	8.25	46.697	30.04	8.89	7.92	7.5	2.612
1441	12/28/2007 13:01:00	8.3	46.904	30.19	8.88	7.92	7.3	2.685
1442	12/28/2007 13:16:00	8.33	46.969	30.24	8.86	7.92	7	2.738
1443	12/28/2007 13:31:00	8.37	47.301	30.48	8.81	7.93	6.5	2.798
1444	12/28/2007 13:46:00	8.4	47.285	30.47	8.8	7.93	5.9	2.864
1445	12/28/2007 14:01:00	8.42	47.288	30.48	8.77	7.92	4.5	2.882
	Mean	8.56	46.55	29.97	8.75	7.89	11.29	2.14
	Standard Dev.	0.42	2.17	1.56	0.32	0.03	9.61	0.75

Turbidity Values that are negative should be read as "zero" values

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
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Turbidity Values in bold red are at least 2 standard deviations outside of the data set average

Turbidity Values in yellow highlight are not considered valid data due to suspected equipment malfunction or temporary probe obstruction resulting in extreme outlying data

Parameter Values not meeting applicable water criteria

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